

BEL-250-8.08

MODEL: Sheet_SurvFt PAPER: 34x22 (in.) DATE: 2/13/2026 TIME: 8:52:05 AM PLTDRW: OHDOT_PDF_Color.pltcfg PENTBL: OHDOT_PenC.tbl USER: Cody_Notz@dot.ohio.gov WORKSPACE: OHDOTCev02 WORKSET: 118151 PRODUCT: OpenRoadsDesigner 24.00.00.2025
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\\Documents\\01 Active Projects\\District 11\\Belmont\\118151\\400-Engineering\\Geotechnical\\Sheets\\118151_ID001.dgn

PROJECT: BEL-250-08.15			DRILLING FIRM / OPERATOR: TERRACON / FAY			DRILL RIG: MOBILE B-57			STATION / OFFSET:			EXPLORATION ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
TYPE: RETAINING WALL			SAMPLING FIRM / LOGGER: TERRACON / SWYCK			HAMMER: CME AUTOMATIC			ALIGNMENT: BEL - 250			B-001-0-23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
PID: 118151 SFN:			DRILLING METHOD: 3.25" HSA / NQ2			CALIBRATION DATE: 1/16/23			ELEVATION: 1034.0 (MSL) EOB: 32.0 ft.			PAGE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
START: 5/3/23 END: 5/3/23			SAMPLING METHOD: SPT / NQ2			ENERGY RATIO (%): 90			LAT / LONG: 40.086953, -80.751085			1 OF 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
MATERIAL DESCRIPTION AND NOTES			ELEV.			SPT/ RQD			REC SAMPLE			GRADATION (%)			ATTEMBERG			OOOT CLASS (G)			WC			PI			LL			PL			SI			FS			CS			GR			CS			HP			(tsf)			ID			N ₆₀			REC (%)			ID			SS-1			SS-2			SS-3			SS-4			SS-5			SS-6			SS-7			SS-8			SS-9			SS-10			SS-11			SS-12			SS-13			SS-14			SS-15			SS-16			SS-17			SS-18			SS-19			SS-20			SS-21			SS-22			SS-23			SS-24			SS-25			SS-26			SS-27			SS-28			SS-29			SS-30			SS-31			SS-32			SS-33			SS-34			SS-35			SS-36			SS-37			SS-38			SS-39			SS-40			SS-41			SS-42			SS-43			SS-44			SS-45			SS-46			SS-47			SS-48			SS-49			SS-50			SS-51			SS-52			SS-53			SS-54			SS-55			SS-56			SS-57			SS-58			SS-59			SS-60			SS-61			SS-62			SS-63			SS-64			SS-65			SS-66			SS-67			SS-68			SS-69			SS-70			SS-71			SS-72			SS-73			SS-74			SS-75			SS-76			SS-77			SS-78			SS-79			SS-80			SS-81			SS-82			SS-83			SS-84			SS-85			SS-86			SS-87			SS-88			SS-89			SS-90			SS-91			SS-92			SS-93			SS-94			SS-95			SS-96			SS-97			SS-98			SS-99			SS-100			SS-101			SS-102			SS-103			SS-104			SS-105			SS-106			SS-107			SS-108			SS-109			SS-110			SS-111			SS-112			SS-113			SS-114			SS-115			SS-116			SS-117			SS-118			SS-119			SS-120			SS-121			SS-122			SS-123			SS-124			SS-125			SS-126			SS-127			SS-128			SS-129			SS-130			SS-131			SS-132			SS-133			SS-134			SS-135			SS-136			SS-137			SS-138			SS-139			SS-140			SS-141			SS-142			SS-143			SS-144			SS-145			SS-146			SS-147			SS-148			SS-149			SS-150			SS-151			SS-152			SS-153			SS-154			SS-155			SS-156			SS-157			SS-158			SS-159			SS-160			SS-161			SS-162			SS-163			SS-164			SS-165			SS-166			SS-167			SS-168			SS-169			SS-170			SS-171			SS-172			SS-173			SS-174			SS-175			SS-176			SS-177			SS-178			SS-179			SS-180			SS-181			SS-182			SS-183			SS-184			SS-185			SS-186			SS-187			SS-188			SS-189			SS-190			SS-191			SS-192			SS-193			SS-194			SS-195			SS-196			SS-197			SS-198			SS-199			SS-200			SS-201			SS-202			SS-203			SS-204			SS-205			SS-206			SS-207			SS-208			SS-209			SS-210			SS-211			SS-212			SS-213			SS-214			SS-215			SS-216			SS-217			SS-218			SS-219			SS-220			SS-221			SS-222			SS-223			SS-224			SS-225			SS-226			SS-227			SS-228			SS-229			SS-230			SS-231			SS-232			SS-233			SS-234			SS-235			SS-236			SS-237			SS-238			SS-239			SS-240			SS-241			SS-242			SS-243			SS-244			SS-245			SS-246			SS-247			SS-248			SS-249			SS-250			SS-251			SS-252			SS-253			SS-254			SS-255			SS-256			SS-257			SS-258			SS-259			SS-260			SS-261			SS-262			SS-263			SS-264			SS-265			SS-266			SS-267			SS-268			SS-269			SS-270			SS-271			SS-272			SS-273			SS-274			SS-275			SS-276			SS-277			SS-278			SS-279			SS-280			SS-281			SS-282			SS-283			SS-284			SS-285			SS-286			SS-287			SS-288			SS-289			SS-290			SS-291			SS-292			SS-293			SS-294			SS-295			SS-296			SS-297			SS-298			SS-299			SS-300			SS-301			SS-302			SS-303			SS-304			SS-305			SS-306			SS-307			SS-308			SS-309			SS-310			SS-311			SS-312			SS-313			SS-314			SS-315			SS-316			SS-317			SS-318			SS-319			SS-320			SS-321			SS-322			SS-323			SS-324			SS-325			SS-326			SS-327			SS-328			SS-329			SS-330			SS-331			SS-332			SS-333			SS-334			SS-335			SS-336			SS-337			SS-338			SS-339			SS-340			SS-341			SS-342			SS-343			SS-344			SS-345			SS-346			SS-347			SS-348			SS-349			SS-350			SS-351			SS-352			SS-353			SS-354			SS-355			SS-356			SS-357			SS-358			SS-359			SS-360			SS-361			SS-362			SS-363			SS-364			SS-365			SS-366			SS-367			SS-368			SS-369			SS-370			SS-371			SS-372			SS-373			SS-374			SS-375			SS-376			SS-377			SS-378			SS-379			SS-380			SS-381			SS-382			SS-383			SS-384			SS-385			SS-386			SS-387			SS-388			SS-389			SS-390			SS-391			SS-392			SS-393			SS-394			SS-395			SS-396			SS-397			SS-398			SS-399			SS-400			SS-401			SS-402			SS-403			SS-404			SS-405			SS-406			SS-407			SS-408			SS-409			SS-410			SS-411			SS-412			SS-413			SS-414			SS-415			SS-416			SS-417			SS-418			SS-419			SS-420			SS-421			SS-422			SS-423			SS-424			SS-425			SS-426			SS-427			SS-428			SS-429			SS-430			SS-431			SS-432			SS-433			SS-434			SS-435			SS-436			SS-437			SS-438			SS-439			SS-440			SS-441			SS-442			SS-443			SS-444			SS-445			SS-446			SS-447			SS-448			SS-449			SS-450			SS-451			SS-452			SS-453			SS-454			SS-455			SS-456			SS-457			SS-458			SS-459			SS-460			SS-461			SS-462			SS-463			SS-464			SS-465			SS-466			SS-467			SS-468			SS-469			SS-470			SS-471			SS-472			SS-473			SS-474			SS-475			SS-476			SS-477			SS-478			SS-479			SS-480			SS-481			SS-482			SS-483			SS-484			SS-485			SS-486			SS-487			SS-488			SS-489			SS-490			SS-491			SS-492			SS-493			SS-494			SS-495			SS-496			SS-497			SS-498			SS-499			SS-500			SS-501			SS-502			SS-503			SS-504			SS-505			SS-506			SS-507			SS-508			SS-509			SS-510			SS-511			SS-512			SS-513			SS-514			SS-515			SS-516			SS-517			SS-518			SS-519			SS-520			SS-521			SS-522			SS-523			SS-524			SS-525			SS-526			SS-527			SS-528			SS-529			SS-530			SS-531			SS-532			SS-533			SS-534			SS-535			SS-536			SS-537			SS-538			SS-539			SS-540			SS-541			SS-542			SS-543			SS-544			SS-545			SS-546			SS-547			SS-548			SS-549			SS-550			SS-551			SS-552			SS-553			SS-554			SS-555			SS-556			SS-557			SS-558			SS-559			SS-560			SS-561			SS-562			SS-563			SS-564			SS-565			SS-566			SS-567			SS-568			SS-569			SS-570			SS-571			SS-572			SS-573			SS-574			SS-575			SS-576			SS-577			SS-578			SS-579			SS-580			SS-581			SS-582			SS-583			SS-584			SS-585			SS-586			SS-587			SS-588			SS-589			SS-590			SS-591			SS-592			SS-593			SS-594			SS-595			SS-596			SS-597			SS-598			SS-599			SS-600			SS-601			SS-602			SS-603			SS-604			SS-605			SS-606			SS-607			SS-608			SS-609			SS-610			SS-611			SS-612			SS-613			SS-614			SS-615			SS-616			SS-617			SS-618			SS-619			SS-620			SS-621			SS-622			SS-623			SS-624			SS-625			SS-626			SS-627			SS-628			SS-629			SS-630			SS-631			SS-632			SS-633			SS-634			SS-635			SS-636			SS-637			SS-638			SS-639			SS-640			SS-641			SS-642			SS-643			SS-644			SS-645			SS-646			SS-647			SS-648			SS-649			SS-650			SS-651			SS-652			SS-653			SS-654			SS-655			SS-656			SS-657			SS-658			SS-659			SS-660			SS-661			SS-662			SS-663			SS-664			SS-665			SS-666			SS-667			SS-668			SS-669			SS-670			SS-671			SS-672			SS-673			SS-674			SS-675			SS-676			SS-677			SS-678			SS-679			SS-680			SS-681			SS-682			SS-683			SS-684			SS-685			SS-686			SS-687			SS-688			SS-689			SS-690			SS-691			SS-692			SS-693			SS-694			SS-695			SS-696			SS-697			SS-698			SS-699			SS-700			SS-701			SS-702			SS-703			SS-704			SS-705			SS-706			SS-707			SS-708			SS-709			SS-710			SS-711			SS-712			SS-713			SS-714			SS-715			SS-716			SS-717			SS-718			SS-719			SS-720			SS-721			SS-722			SS-723			SS-724			SS-725			SS-726			SS-727			SS-728			SS-729			SS-730			SS-731			SS-732			SS-733			SS-734			SS-735			SS-736			SS-737			SS-738			SS-739			SS-740			SS-741			SS-742			SS-743			SS-744			SS-745			SS-746			SS-747			SS-748			SS-749			SS-750			SS-751			SS-752			SS-753			SS-754			SS-755			SS-756			SS-757			SS-758			SS-759			SS-760			SS-761			SS-762			SS-763			SS-764			SS-765			SS-766			SS-767			SS-768			SS-769			SS-770			SS-771			SS-772			SS-773			SS-774			SS-775			SS-776			SS-777			SS-778			SS-779			SS-780			SS-781			SS-782			SS-783			SS-784			SS-785			SS-786			SS-787			SS-788			SS-789			SS-790			SS-791			SS-792			SS-793			SS-794			SS-795			SS-796			SS-797			SS-798			SS-799			SS-800			SS-801			SS-802			SS-803			SS-804			SS-805			SS-806			SS-807			SS-808			SS-809			SS-810			SS-811			SS-812			SS-813			SS-814			SS-815			SS-816			SS-817			SS-818			SS-819			SS-820			SS-821			SS-822			SS-823			SS-824			SS-825			SS-826			SS-827			SS-828			SS-829			SS-830			SS-831			SS-832			SS-833			SS-834			SS-835			SS-836			SS-837			SS-838			SS-839			SS-840			SS-841			SS-842			SS-843			SS-844			SS-845			SS-846			SS-847			SS-848			SS-849			SS-850			SS-851			SS-852			SS-853			SS-854			SS-855			SS-856			SS-857			SS-858			SS-859			SS-860			SS-861			SS-862			SS-863			SS-864			SS-865			SS-866			SS-867			SS-868			SS-869			SS-870			SS-871			SS-872			SS-873			SS-874			SS-875			SS-876			SS-877			SS-878			SS-879			SS-880			SS-881			SS-882			SS-883			SS-884			SS-885			SS-886			SS-887			SS-888			SS-889			SS-890			SS-891			SS-892			SS-893			SS-894			SS-895			SS-896			SS-897			SS-898			SS-899			SS-900			SS-901			SS-902			SS-903			SS-904			SS-905			SS-906			SS-907			SS-908			SS-909			SS-910			SS-911			SS-912		

STANDARD ODOT LOG W/ SULFATES (8.5 X 11) - OH DOT.GDT - 7/10/23 16:51 N:\PROJECTS\2022\N4225519\WORKING FILES\LABORATORY\FIELD DATA-BORING LOGS\N4225519 ODOT.GPJ

[illegible]

NOTES: BORING ELEVATION AND LOCATION FROM GOOGLE EARTH
ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED BENTONITE GROUT

ABANDONMENT METHODS, MATERIALS, QUANTITIES: TREMIED BENTONITE GROUT

DESIGNER
CCN

REVIEWER
LNW 02/12/26

PROJECT ID	118151
------------	--------

SUBSET	TOTAL
1	9

SHEET	TOTAL
P.10	18

GEOTECHNICAL BORING LOGS
BORING LOG B-001-0-23

PROJECT: BEL-250-8.15		DRILLING FIRM / OPERATOR: ODOT / SPROUSE		DRILL RIG: CME 75 TRUCK		STATION / OFFSET:										EXPLORATION ID						
TYPE: UNDERGROUND MINE		SAMPLING FIRM / LOGGER: ODOT / WEIS		HAMMER: CME AUTOMATIC		ALIGNMENT: CL SR 250										B-001-0-24						
PID: 118151 SFN:		DRILLING METHOD: 3.25" HSA / NQ2		CALIBRATION DATE: 5/23/24		ELEVATION: 1032.2 (ft) EOB: 30.0 ft.										PAGE						
START: 9/16/24 END: 9/17/24		SAMPLING METHOD: NQ2		ENERGY RATIO (%): 89		LAT / LONG: 40.086985, -80.751100										1 OF 1						
MATERIAL DESCRIPTION AND NOTES				ELEV.	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GR	CS	FS	SI	CL	LL	PL	PI	WC	ODOT CLASS (GI)	HOLE SEALED		
ASPHALT (14.5"), BRICK (4") & CONCRETE (13")				1032.2																		
SANDSTONE, LIGHT GRAY, HIGHLY WEATHERED, MODERATELY STRONG, FINE GRAINED, VERY THIN BEDDED, MICACEOUS, JOINT, FRACTURED TO MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR, RQD 40%, REC 72%.				1029.6																		
SANDSTONE, OLIVE GRAY, HIGHLY WEATHERED, WEAK, VERY FINE GRAINED, VERY THIN BEDDED, MICACEOUS, ARGILLACEOUS, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR, RQD 0%, REC 73%.				1026.6																		
SHALE, OLIVE BLACK, HIGHLY WEATHERED, SLIGHTLY STRONG, LAMINATED, CALCAREOUS, CARBONACEOUS, JOINT, HIGHLY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR, RQD 0%, REC 60%.				1018.7																		
LIMESTONE, GRAY, MODERATELY WEATHERED, STRONG, THIN BEDDED, ARGILLACEOUS, JOINT, FRACTURED TO MODERATELY FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR, RQD 58%, REC 100%. @17.0' - 17.5': VERTICAL FRACTURE @17.7' - 18.2': VERTICAL FRACTURE @19.0' - 19.2': HIGH ANGLE FRACTURE @21.8' - 22.0': VERTICAL FRACTURE				1015.2																		
SHALE, OLIVE BLACK, HIGHLY WEATHERED, THIN BEDDED, CARBONACEOUS, SLIGHTLY CALCAREOUS, JOINT, FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY/DISTURBED/SEAMY, POOR, RQD 0%, REC 92%. @23.5' - 23.6': HIGH ANGLE FRACTURE WITH SLICKEN SIDES				1010.2																		
COAL, BLACK, MODERATELY WEATHERED, THICK BEDDED, JOINT, HIGHLY FRACTURED, NARROW, SLIGHTLY ROUGH, BLOCKY, FAIR, RQD 0%, REC 78%.				1008.1																		
LIMESTONE, OLIVE BLACK, MODERATELY WEATHERED, THIN BEDDED, ARGILLACEOUS, JOINT, HIGHLY FRACTURED TO FRACTURED, NARROW, SLIGHTLY ROUGH; BLOCKY, FAIR, RQD 53%, REC 100%. @28.3' - 28.5': VERTICAL FRACTURE				1004.7																		

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 11/18/24 13:14 - X:\GIN\TP\PROJECTS\601145.GPJ

NOTES: LAT/LONG FROM JUNIPER GEODE GNS3 GPS RECEIVER. ELEV FROM USGS 3DEP MAP SERVICE.
ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED ASPHALT PATCH; TREMIED 30 GAL. BENTONITE GROUT

BEL-250-8.08

MODEL: Sheet_SurvFt PAPERSIZE: 34x22 (in.) DATE: 2/13/2026 TIME: 8:52:35 AM PLTDRW: OHDOT_PDF_Color.pltcfg PENTBL: OHDOT_PenC.tbl USER: Cody_Notz@dot.ohio.gov WORKSPACE: OHDOTCev02 WORKSET: 118151 PRODUCT: OpenRoadsDesigner 24.00.00.2025
pw:\\ohiodot-pw.bentley.com:ohiodot-pw-02\\Documents\\01 Active Projects\\District 11\\Belmont\\118151\\400-Engineering\\Geotechnical\\Sheets\\118151_ID003.dgn

[illegible]

STANDARD ODOT SOIL BORING LOG (11 X 17) - OH DOT.GDT - 11/18/24 13:14 - X:\GINT\PROJECTS\601145.GPJ

NOTES: LAT/LONG FROM JUNIPER GEODE GNS3 GPS RECEIVER. ELEV FROM USGS 3DEP MAP SERVICE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: PLACED ASPHALT PATCH; TREMIED 30 GAL. BENTONITE GROUT

GEOTECHNICAL BORING LOGS
BORING LOG B-002-0-24

DESIGNER
CCN

REVIEWER
LNW 02/12/26

PROJECT ID
118151

SHEET	TOTAL
P.12	18

INTEROFFICE COMMUNICATION

TO: Cody Notz, P.E., District Geotechnical Engineer, District 11
COPY: Brian Logston, P.E., Office of Geotechnical Engineering
FROM: Andrew Jalbrzikowski, Office of Geotechnical Engineering
Paul Painter, Office of Geotechnical Engineering
DATE: February 15, 2024
SUBJECT: BEL-250-8.15 PID 113235 Geophysical Exploration Summary

Pursuant to your request, the Office of Geotechnical Engineering (OGE) has completed an electrical resistivity (ER) survey and induced polarization (IP) survey for the subject project.

This section of US 250 traverses steep terrain and has historically been prone to landslides. It is understood the current retaining wall has reached its end of service life and is scheduled to be replaced. The current retaining wall consists of driven h-piles with whalers supporting steel sheet piling.

On May 3, 2023, a retaining wall boring was completed by Terracon. Overburden soil consisting of gravel and stone fragments with sand (A-1-b) was encountered to the top of rock. Sandstone bedrock underlain by shale was encountered at elevation 1017.6. The sandstone was described as severely weathered and weak. The shale was described as weak to slightly strong. From elevation 1010.9 to 1005.6, a “void” was encountered but no notes of tool drop were shown on the boring log. The void is near the elevation coal was encountered at historic boring B-001-0-16, completed approximately 210 feet south. Historic boring B-001-0-16 completed 75 feet north did not encounter coal, but it was only extended to a depth of 16.9 feet or an approximate elevation of 1018.9. Elevations of the historic borings were determined using the provided coordinates and digital elevation models from the Ohio Statewide Imagery Program (OSIP) and the USGS 3DEP map service. An exploration plan and the boring logs are attached.

In August 2023, district personnel requested geophysical testing to determine if the void extends below the proposed wall alignment. The following is a discussion of the field exploration and results of the geophysical exploration. The latitude, longitude, and elevation values used to create the ER and IP profiles are from a Trimble R6 Receiver and TSC3 data collector utilizing the ODOT VRS network. The geophysical field work was completed on February 5, 2024.

The ER and IP data was collected with an Advanced Geosciences Inc. (AGI) SuperSting R8 control unit. For both surveys, thirty-three electrodes were spaced approximately 5 feet apart as close as possible to the proposed wall alignment. This was the only suitable location on site. The proximity of the existing steel wall did cause some interference. The electrodes were used to measure the potential field with Dipole-Dipole and Strong Gradient Arrays. For the IP survey, chargeability was measured for three seconds after the measurement of the potential field. The data was processed, and surface elevation corrected using AGI’s EarthImager 2D software. Inverted resistivity sections and the induced potential section are attached.

The ER section shows a contrast slightly above the top of rock as encountered in B-001-0-23. A high resistivity zone is indicated to the south of B-001-0-23, but it is in the normal range of earth materials and not considered to be an anomaly. This is confirmed by positive chargeability values in the same area of the IP section. A faint localized resistivity contrast is present in the area noted as a void on



Page 2 of 2
Date: February 15, 2024
Subject: BEL-250-8.15 PID 113235 Geophysical Exploration Summary

the boring log. The IP section shows a faint negative chargeability zone in the same contrast area. This could indicate the presence of clay minerals, but it is unlikely an indication of an air-filled void.

Attached are an exploration plan, boring logs, resistivity section and IP section.

If you have any questions, please feel free to contact me at 614-275-1305.

Thank you,

AMJ

Attachments: Site plan, boring logs & geophysical exploration results.

DESIGN AGENCY



DESIGNER

CCN

REVIEWER

LNW 02/12/26

PROJECT ID

118151

SUBSET TOTAL

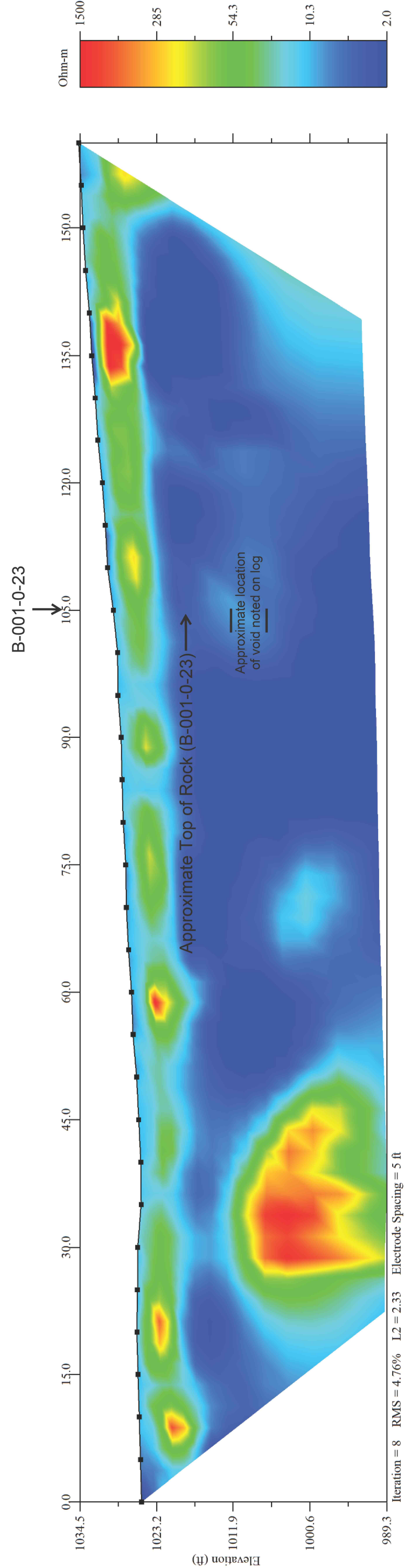
4 9

SHEET TOTAL

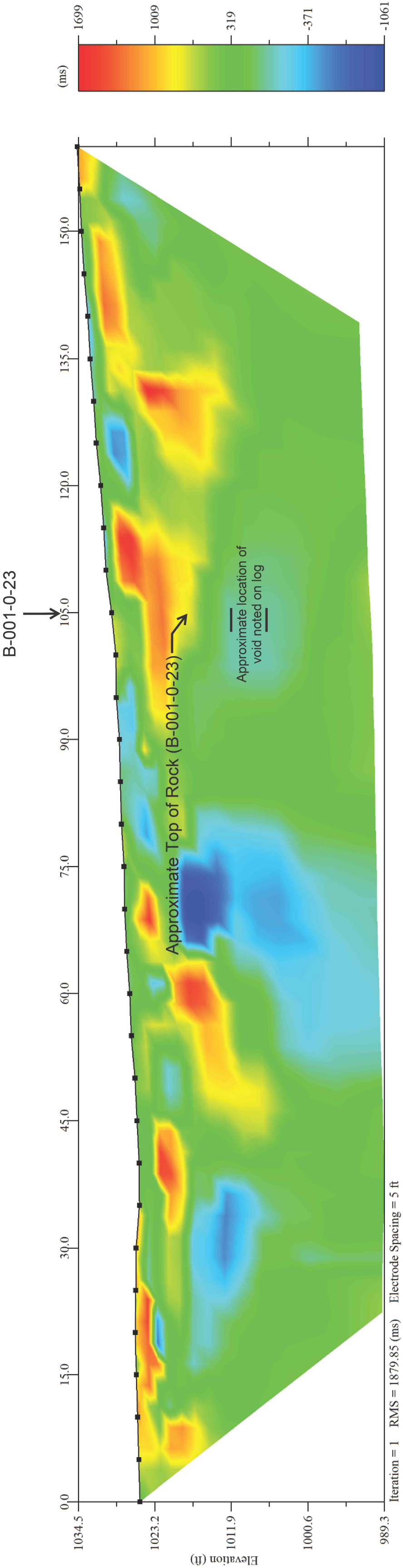
P.13 18



BEL-250-8.15 ER Survey Line Inverted Resistivity Section



BEL-250-8.15 Induced Polarization Section



N4225519: Rock Core for Boring B-001-0-23				
Run	Depth (ft)	Rec (in)	RQD %	
1	17.0 ~ 21.0	46	46	
2	21.0 ~ 21.7	7	83	
	21.7 ~ 27.0	VOID		
3	27.0 ~ 28.5	15	28	
4	28.5 ~ 32.0	27	52	



Project Manager:	BH
Drawn by:	IR
Checked by:	BH
Approved by:	TM
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

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
---	--

OHIO DEPARTMENT OF
TRANSPORTATION
 DIVISION OF ENGINEERING

Office of Geotechnical Engineering



Run #:	Depth		Recovery		RQD	
NQ2-1	3.5'	5.5'	18/24	75%	10/24	42%
NQ2-2	5.5'	7.5'	18/24	75%	0/24	0%
NQ2-3	7.5'	9.5'	17/24	71%	0/24	0%
NQ2-4	9.5'	11.5'	20/24	83%	0/24	0%
NQ2-5	11.5'	13.5'	14/24	58%	0/24	0%
BEL-250-8.15 PID 118151						



Office of Geotechnical Engineering

B-001-0-24



Run #:	Depth		Recovery		RQD	
NQ2-6	13.5'	15.5'	18/24	75%	0/24	0%
NQ2-7	15.5'	17.5'	13/24	54%	0/24	0%
NQ2-8	17.5'	19.5'	24/24	100%	12/24	50%
NQ2-9	19.5'	21.5'	24/24	100%	20/24	83%
NQ2-10	21.5'	23.5'	22/24	92%	3/24	13%
BEL-250-8.15 PID 118151						



Office of Geotechnical Engineering

B-001-0-24



Run #:	Depth		Recovery		RQD	
NQ2-11	23.5'	25.5'	22/24	92%	0/24	0%
NQ2-12	25.5'	27.5'	17/24	71%	0/24	0%
NQ2-13	27.5'	30.0'	30/30	100%	16/30	53%
BEL-250-8.15 PID 118151						



Office of Geotechnical Engineering

B-002-O-24



Run #:	Depth		Recovery		RQD	
NQ2-1	3.5'	5.5'	24/24	100%	0/24	0%
NQ2-2	5.5'	7.5'	21/24	88%	0/24	0%
NQ2-3	7.5'	10.0'	28/30	93%	0/30	0%
BEL-250-8.15 PID 118151						



Office of Geotechnical Engineering

B-002-O-24



Run #:	Depth		Recovery		RQD	
NQ2-4	10.0'	12.0'	24/24	100%	0/24	0%
NQ2-5	12.0'	15.0'	35/36	97%	32/36	88%
NQ2-6	15.0'	20.0'	60/60	100%	42/60	70%
BEL-250-8.15 PID 118151						



Office of Geotechnical Engineering

B-002-O-24



Run #:	Depth		Recovery		RQD	
NQ2-7	20.0'	25.0'	60/60	100%	15/60	25%
NQ2-8	25.0'	30.0'	57/60	95%	27/60	45%
BEL-250-8.15 PID 118151						