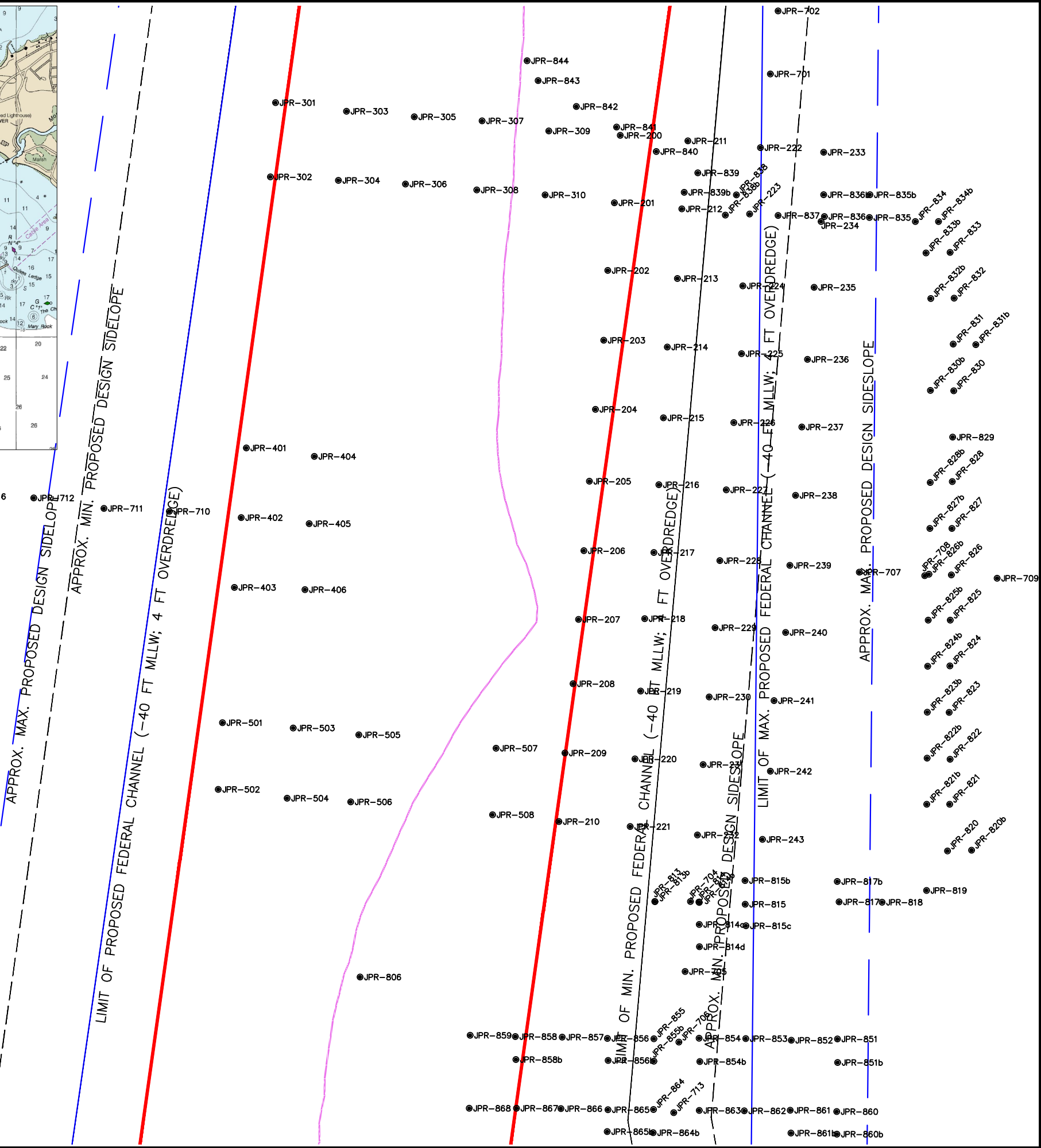
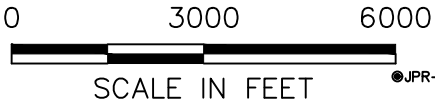


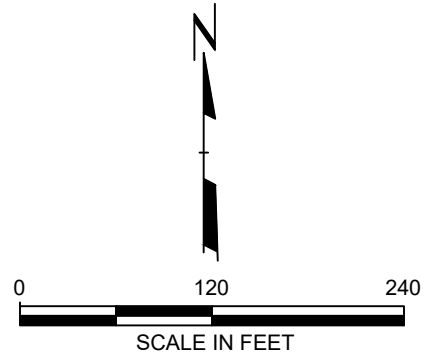
APPENDIX I: Cross Sound Cable Jet Probe Investigation 2024

11x17 -- USER: T.Dougan -- ATTACHED XREFS: 503716.XREF1; Betrosd-Hole-Boundaries -- ATTACHED IMAGES
DRAWING NAME: \\employees.not.local\\m\\P\\Waltham\\Jobs\\503716-Cross-Sound Cable Company-Cable Relocation Support-New Haven\\04 GRAPHICS\\503716-Proposed Cable Route_April 2024.dwg --- PLOT DATE: June 17, 2024 - 9:53AM --- LAYOUT: MARCH-MAY 2024 PROBE PLAN
Version: 2017-10-21



- LEGEND:**
- EXISTING FEDERAL CHANNEL EXTENTS
 - MINIMUM PROPOSED FEDERAL CHANNEL EXTENTS
 - MINIMUM PROPOSED FEDERAL CHANNEL DESIGN SIDE SLOPES
 - MAXIMUM PROPOSED FEDERAL CHANNEL EXTENTS
 - MAXIMUM PROPOSED FEDERAL CHANNEL DESIGN SIDE SLOPES
 - APPROXIMATE AS-LAID CABLE

- NOTES:**
- PROBE LOCATIONS OBTAINED FROM GEOTECHNICAL INVESTIGATIONS PERFORMED BY OCEAN SURVEYS INC. (MARCH & MAY 2024)

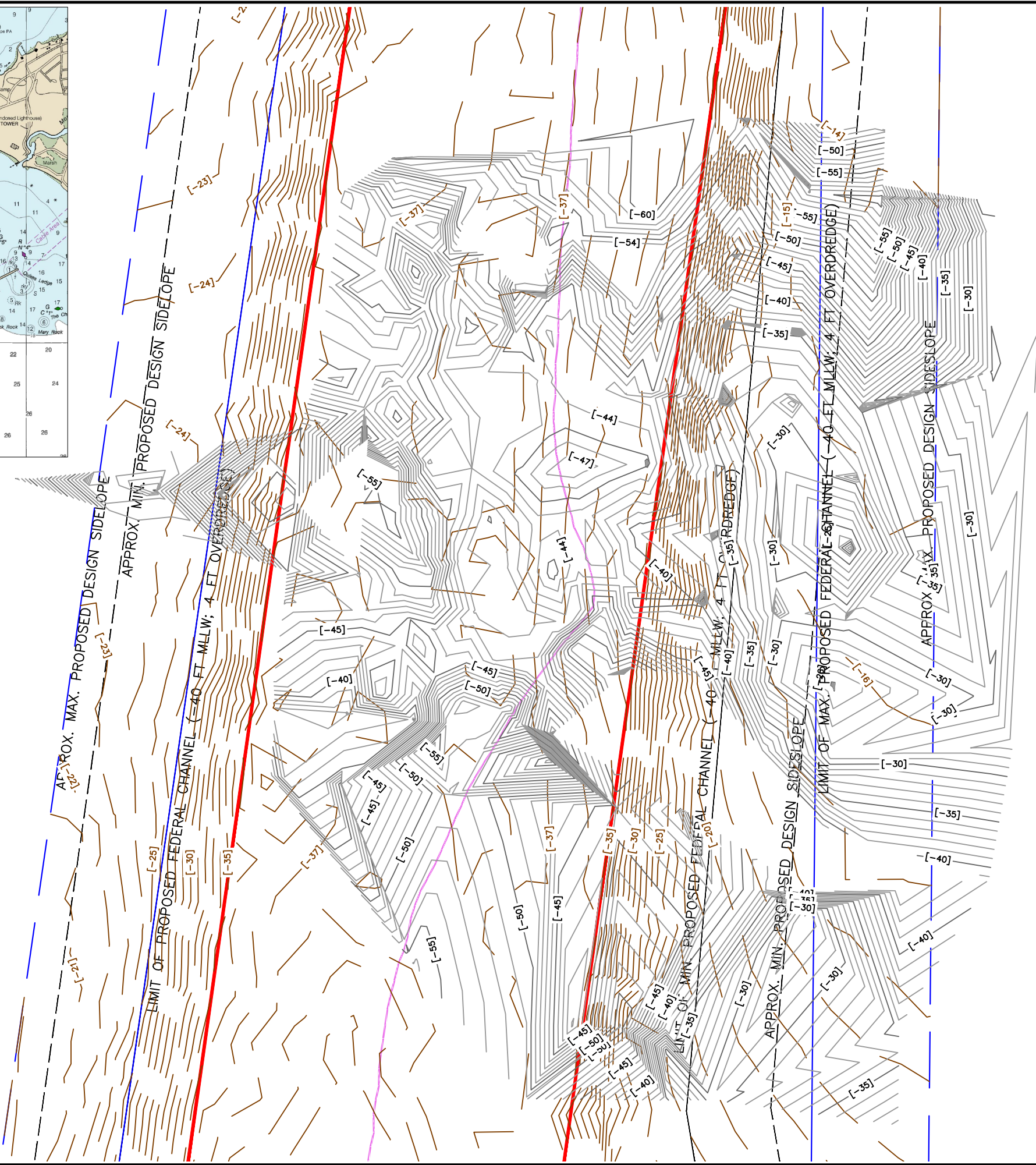


PROJECT:		CROSS-SOUND CABLE LLC CROSS SOUND CABLE PROJECT NEW HAVEN HARBOR	
TITLE:		PROBE LOCATION PLAN MARCH & MAY 2024	
DRAWN BY:	T. DOUGAN	PROJ NO.:	503716.0000.0000
CHECKED BY:	P. WHITNEY	FIGURE 1	
APPROVED BY:	P. WHITNEY		
DATE:	6/17/2024		
		404 Wyman Street, Suite 375 Waltham, MA 02451 www.trccompanies.com	
FILE NO.:		503716_Proposed Cable Route_April 2024.dwg	

11x17 -- USER: T.Dougan -- ATTACHED XREFS: 503716.XREF1; Bedrock Hole Boundaries -- ATTACHED IMAGES
DRAWING NAME: \\employees.root.local\\enr\\PPL\\Waltham\\Jobs\\503716- Cross-Sound Cable Company-Cable Relocation Support-New Haven\\04 GRAPHICS\\503716- Proposed Cable Route_April 2024.dwg -- PLOT DATE: June 17, 2024 - 9:54AM -- LAYOUT: BEDROCK PLAN
Version: 2017-10-21



0 3000 6000
SCALE IN FEET

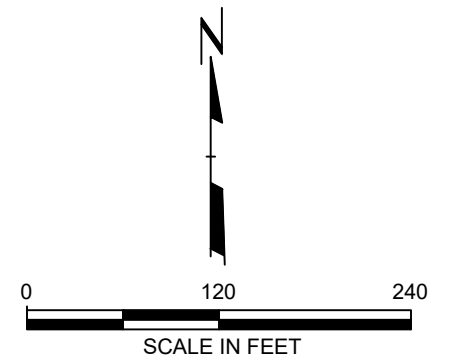


LEGEND:

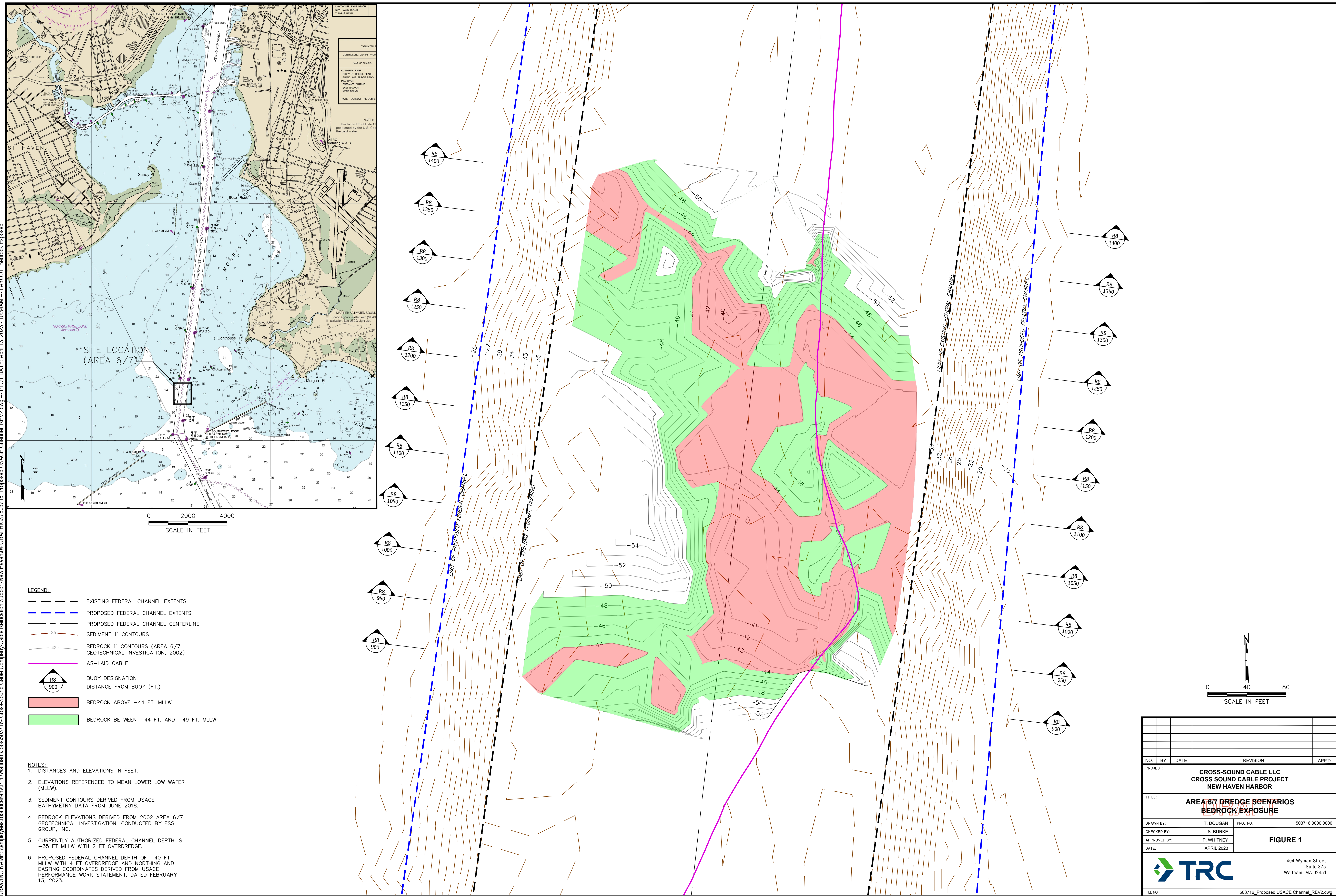
- EXISTING FEDERAL CHANNEL EXTENTS
- MINIMUM PROPOSED FEDERAL CHANNEL EXTENTS
- MINIMUM PROPOSED FEDERAL CHANNEL DESIGN SIDE SLOPES
- MAXIMUM PROPOSED FEDERAL CHANNEL EXTENTS
- MAXIMUM PROPOSED FEDERAL CHANNEL DESIGN SIDE SLOPES
- APPROXIMATE AS-LAID CABLE
- USACE BATHYMETRIC 1' CONTOURS (DEC 2023)
- BEDROCK 1' CONTOURS (AREA 6/7 GEOTECHNICAL INVESTIGATIONS, 2002 & 2024)

NOTES:

- DISTANCES AND ELEVATIONS IN FEET.
- ELEVATIONS REFERENCED TO MEAN LOWER LOW WATER (MLLW).
- SEDIMENT CONTOURS DERIVED FROM USACE BATHYMETRY DATA FROM DECEMBER 2023.
- BEDROCK CONTOURS DERIVED FROM AREA 6/7 GEOTECHNICAL INVESTIGATIONS, 2002 & 2024.
- PROBE LOCATIONS OF "NO REFUSAL" ARE REPRESENTED AS HOLES IN THE BEDROCK SURFACE.



PROJECT:		CROSS-SOUND CABLE LLC CROSS SOUND CABLE PROJECT NEW HAVEN HARBOR	
TITLE:		BEDROCK PLAN	
DRAWN BY:	T. DOUGAN	PROJ NO.:	503716.0000.0000
CHECKED BY:	P. WHITNEY	FIGURE 2	
APPROVED BY:	P. WHITNEY		
DATE:	6/17/2024		
		404 Wyman Street, Suite 375 Waltham, MA 02451 www.trccompanies.com	
FILE NO.:		503716_Proposed Cable Route_April 2024.dwg	



Probe ID	Date & Time	Easting	Northing	Elev. (FT MLLW)	Description
JPR-304	3/2/24 8:09	954,099.67	648,199.54	0.9	water surface
JPR-304	3/2/24 8:09			-36.9	mudline
JPR-304	3/2/24 8:37			-60.4	refusal on bedrock
JPR-306	3/2/24 9:25	954,172.76	648,195.55	0.3	water surface
JPR-306	3/2/24 9:25			-37.4	mudline
JPR-306	3/2/24 9:30			-45.7	gravel - head to abandon site to move for ship traffic
JPR-222	3/2/24 10:26	954,559.08	648,235.16	0.6	water surface
JPR-222	3/2/24 10:26			-14.7	mudline
JPR-222	3/2/24 10:54			-28.0	gravel
JPR-222	3/2/24 11:15			-45.8	refusal on bedrock
JPR-233	3/2/24 11:45	954,627.96	648,230.06	2.1	water surface
JPR-233	3/2/24 11:45			-13.9	mudline
JPR-233	3/2/24 12:37			-25.7	gravel
JPR-233	3/2/24 12:44			-45.8	refusal on bedrock
JPR-234	3/2/24 13:10	954,625.02	648,154.77	3.7	water surface
JPR-234	3/2/24 13:10			-14.3	mudline
JPR-234	3/2/24 13:27			-38.1	gravel
JPR-234	3/2/24 13:32			-57.5	refusal on bedrock
JPR-223	3/2/24 13:56	954,547.32	648,162.79	4.4	water surface
JPR-223	3/2/24 13:56			-14.6	mudline
JPR-223	3/2/24 14:13			-55.3	refusal on bedrock
JPR-211	3/2/24 14:29	954,480.07	648,242.40	4.9	water surface
JPR-211	3/2/24 14:29			-20.2	mudline
JPR-211	3/2/24 14:36			-30.0	gravel
JPR-211	3/2/24 14:42			-52.9	refusal on bedrock
JPR-235	3/2/24 15:30	954,617.58	648,083.08	5.4	water surface
JPR-235	3/2/24 15:30			-14.5	mudline
JPR-235	3/2/24 15:40			-35.1	gravel/cobble
JPR-235	3/2/24 15:43			-35.6	refusal in gravel
JPR-225	3/3/24 8:01	954,538.48	648,010.92	2.3	water surface
JPR-225	3/3/24 8:01			-15.0	mudline
JPR-225	3/3/24 8:12			-37.5	gravel
JPR-225	3/3/24 8:16			-40.1	refusal on large rock; similar result with 3 FT offset
JPR-224	3/3/24 8:34	954,539.83	648,084.72	1.7	water surface
JPR-224	3/3/24 8:34			-15.6	mudline
JPR-224	3/3/24 8:53			-33.2	gravel
JPR-224	3/3/24 8:34			-51.1	refusal on bedrock
JPR-213	3/3/24 9:09	954,468.77	648,092.74	1.2	water surface
JPR-213	3/3/24 9:09			-18.3	mudline
JPR-213	3/3/24 9:20			-42.1	gravel
JPR-213	3/3/24 9:22			-49.7	refusal on bedrock
JPR-214	3/3/24 9:49	954,457.68	648,018.16	0.8	water surface
JPR-214	3/3/24 9:49			-19.1	mudline
JPR-214	3/3/24 9:55			-34.8	gravel
JPR-214	3/3/24 9:57			-40.4	refusal on bedrock
JPR-236	3/3/24 10:21	954,610.27	648,004.69	0.7	water surface
JPR-236	3/3/24 10:21			-14.7	mudline
JPR-236	3/3/24 10:30			-37.1	gravel
JPR-236	3/3/24 10:33			-50.7	refusal on bedrock
JPR-237	3/3/24 10:48	954,604.09	647,931.12	0.7	water surface
JPR-237	3/3/24 10:48			-14.9	mudline
JPR-237	3/3/24 10:56			-35.9	gravel/pebbles
JPR-237	3/3/24 10:58			-39.5	refusal on bedrock

JPR-226	3/3/24 11:14	954,530.20	647,935.96	1.0	water surface
JPR-226	3/3/24 11:14			-15.3	mudline
JPR-226	3/3/24 11:24			-33.8	refusal on bedrock
JPR-227	3/3/24 11:36	954,521.81	647,862.73	1.2	water surface
JPR-227	3/3/24 11:36			-15.5	mudline
JPR-227	3/3/24 11:43			-30.8	coarse gravel
JPR-227	3/3/24 11:44			-31.8	refusal on bedrock
JPR-200	3/3/24 12:30	954,406.51	648,248.46	1.9	water surface
JPR-200	3/3/24 12:30			-33.2	mudline
JPR-200	3/3/24 12:37			-44.8	coarse gravel
JPR-200	3/3/24 12:40			-52.4	gravel - no refusal
JPR-201	3/3/24 12:51	954,400.19	648,175.04	2.3	water surface
JPR-201	3/3/24 12:51			-33.2	mudline
JPR-201	3/3/24 13:02			-53.6	gravel - no refusal
JPR-212	3/3/24 13:17	954,473.42	648,168.43	2.7	water surface
JPR-212	3/3/24 13:17			-19.6	mudline
JPR-212	3/3/24 13:23			-27.2	gravel
JPR-212	3/3/24 13:26			-51.2	gravel - no refusal
JPR-202	3/3/24 13:41	954,392.86	648,101.43	3.1	water surface
JPR-202	3/3/24 13:41			-19.2	mudline
JPR-202	3/3/24 13:49			-45.6	gravel
JPR-202	3/3/24 13:49			-51.3	refusal on bedrock
JPR-203	3/3/24 14:03	954,388.49	648,025.44	3.6	water surface
JPR-203	3/3/24 14:03			-32.8	mudline
JPR-203	3/3/24 14:10			-43.3	gravel
JPR-203	3/3/24 14:11			-44.8	refusal on bedrock
JPR-204	3/3/24 14:53	954,379.48	647,950.30	4.3	water surface
JPR-204	3/3/24 14:53			-33.5	mudline
JPR-204	3/3/24 15:02			-41.4	refusal on bedrock
JPR-205	3/3/24 15:21	954,373.02	647,872.00	4.7	water surface
JPR-205	3/3/24 15:21			-34.0	mudline
JPR-205	3/3/24 15:28			-39.9	gravel
JPR-205	3/3/24 15:31			-41.2	refusal on bedrock
JPR-216	3/3/24 15:48	954,448.57	647,868.29	4.9	water surface
JPR-216	3/3/24 15:48			-17.8	mudline
JPR-216	3/3/24 15:54			-29.8	gravel
JPR-216	3/3/24 15:56			-31.5	refusal on bedrock
JPR-217	3/3/24 16:09	954,443.20	647,794.56	5.1	water surface
JPR-217	3/3/24 16:09			-18.1	mudline
JPR-217	3/3/24 16:14			-31.7	gravel
JPR-217	3/3/24 16:16			-32.6	refusal on bedrock
JPR-215	3/4/24 7:54	954,453.53	647,940.99	3.8	water surface
JPR-215	3/4/24 7:54			-17.7	mudline
JPR-215	3/4/24 8:07			-30.9	gravel
JPR-215	3/4/24 8:10			-34.0	refusal on bedrock
JPR-238	3/4/24 8:37	954,597.33	647,856.63	3.1	water surface
JPR-238	3/4/24 8:37			-15.3	mudline
JPR-238	3/4/24 8:42			-31.1	sandy gravel
JPR-238	3/4/24 8:43			-33.4	refusal on bedrock
JPR-228	3/4/24 9:06	954,514.96	647,785.68	2.5	water surface
JPR-228	3/4/24 9:06			-16.1	mudline
JPR-228	3/4/24 9:10			-31.6	gravel
JPR-228	3/4/24 9:11			-32.6	refusal on bedrock

JPR-229	3/4/24 9:26	954,509.63	647,712.68	2.2	water surface
JPR-229	3/4/24 9:26			-16.6	mudline
JPR-229	3/4/24 9:32			-32.4	gravel
JPR-229	3/4/24 9:33			-34.7	refusal on bedrock
JPR-230	3/4/24 9:46	954,503.27	647,637.39	1.9	water surface
JPR-230	3/4/24 9:46			-17.1	mudline
JPR-230	3/4/24 9:52			-33.7	gravel
JPR-230	3/4/24 9:52			-34.3	refusal on bedrock
JPR-239	3/4/24 10:31	954,591.03	647,780.56	1.3	water surface
JPR-239	3/4/24 10:31			-15.7	mudline
JPR-239	3/4/24 10:37			-27.3	gravel
JPR-239	3/4/24 10:38			-27.8	refusal on bedrock
JPR-240	3/4/24 10:53	954,586.44	647,707.56	1.1	water surface
JPR-240	3/4/24 10:53			-15.8	mudline
JPR-240	3/4/24 10:59			-31.9	gravel
JPR-240	3/4/24 10:59			-36.2	refusal on bedrock
JPR-241	3/4/24 11:17	954,573.96	647,633.21	0.9	water surface
JPR-241	3/4/24 11:17			-16.5	mudline
JPR-241	3/4/24 11:26			-29.2	bedrock
JPR-220	3/4/24 11:42	954,422.52	647,569.82	0.9	water surface
JPR-220	3/4/24 11:42			-19.9	mudline
JPR-220	3/4/24 11:47			-29.1	gravel
JPR-220	3/4/24 11:52			-37.1	refusal on hard bottom
JPR-207	3/4/24 12:47	954,361.03	647,721.64	1.4	water surface
JPR-207	3/4/24 12:47			-33.1	mudline
JPR-207	3/4/24 12:53			-41.0	gravel
JPR-207	3/4/24 12:54			-41.5	refusal on bedrock
JPR-206	3/4/24 13:30	954,366.85	647,796.40	2.1	water surface
JPR-206	3/4/24 13:30			-33.9	mudline
JPR-206	3/4/24 13:37			-39.8	gravel (a few inches)
JPR-206	3/4/24 13:37			-39.8	refusal on bedrock
JPR-218	3/4/24 13:55	954,433.12	647,722.53	2.5	water surface
JPR-218	3/4/24 13:55			-19.1	mudline
JPR-218	3/4/24 14:00			-34.7	gravel
JPR-218	3/4/24 14:01			-39.6	refusal on bedrock
JPR-219	3/4/24 14:16	954,428.72	647,643.74	2.9	water surface
JPR-219	3/4/24 14:16			-19.7	mudline
JPR-219	3/4/24 14:22			-41.2	gravel
JPR-219	3/4/24 14:23			-45.4	refusal on bedrock
JPR-208	3/4/24 14:37	954,355.16	647,651.64	3.2	water surface
JPR-208	3/4/24 14:37			-33.4	mudline
JPR-208	3/4/24 14:42			-45.3	gravel
JPR-208	3/4/24 14:43			-51.0	bedrock - no refusal
JPR-221	3/4/24 15:37	954,417.40	647,496.29	4.2	water surface
JPR-221	3/4/24 15:37			-21.2	mudline
JPR-221	3/4/24 15:43			-28.5	gravel
JPR-221	3/4/24 15:46			-35.9	refusal on bedrock
JPR-232	3/4/24 15:56	954,490.58	647,487.20	4.5	water surface
JPR-232	3/4/24 15:56			-18.4	mudline
JPR-232	3/4/24 16:01			-30.1	gravel
JPR-232	3/4/24 16:04			-51.4	gravel - no refusal
JPR-231	3/5/24 7:51	954,496.80	647,563.75	6.0	water surface
JPR-231	3/5/24 7:51			-17.6	mudline
JPR-231	3/5/24 8:03			-37.4	gravel
JPR-231	3/5/24 8:03			-37.9	refusal on bedrock

* value is represented as -39.6 in geologic cross sections provided to USACE NAE New Haven Improvement Subsurface Exploration Report, (Jan. 2025) in order to visually show gravel layer is a few inches

JPR-242	3/5/24 8:23	954,569.88	647,556.51	5.3	water surface
JPR-242	3/5/24 8:23			-17.1	midline
JPR-242	3/5/24 8:28			-28.6	refusal on bedrock

JPR-243	3/5/24 8:38	954,561.20	647,482.22	5.1	water surface
JPR-243	3/5/24 8:38			-17.4	midline
JPR-243	3/5/24 8:45			-41.9	refusal on bedrock

JPR-210	3/5/24 9:25	954,339.75	647,501.72	4.1	water surface
JPR-210	3/5/24 9:25			-35.2	midline
JPR-210	3/5/24 9:31			-46.1	refusal on rock
JPR-210	3/5/24 9:37			-53.1	mud w/ a little gravel - no refusal (2nd attempt)

JPR-209	3/5/24 9:53	954,346.31	647,576.30	3.5	water surface
JPR-209	3/5/24 9:53			-34.7	midline
JPR-209	3/5/24 9:58			-40.7	gravel
JPR-209	3/5/24 10:00			-53.8	gravel - no refusal

JPR-507	3/5/24 10:18	954,271.34	647,581.56	3.1	water surface
JPR-507	3/5/24 10:18			-36.7	midline
JPR-507	3/5/24 10:23			-44.3	gravel
JPR-507	3/5/24 10:25			-41.0	refusal on bedrock

* JPR-507 is not included in cross sections provided to USACE NAE for New Haven Improvement Subsurface Exploration Report, Jan. 2025

JPR-508	3/5/24 10:46	954,267.44	647,509.20	2.6	water surface
JPR-508	3/5/24 10:46			-37.2	midline
JPR-508	3/5/24 10:51			-40.3	gravel
JPR-508	3/5/24 10:53			-48.6	refusal on hard bottom (gravel and sand)

JPR-502	3/5/24 11:47	953,969.07	647,536.80	1.8	water surface
JPR-502	3/5/24 11:47			-39.5	midline
JPR-502	3/5/24 11:52			-40.2	gravel
JPR-502	3/5/24 11:52			-42.2	refusal on bedrock

JPR-504	3/5/24 12:10	954,043.92	647,527.11	1.7	water surface
JPR-504	3/5/24 12:10			-37.7	midline
JPR-504	3/5/24 12:18			-40.3	gravel
JPR-504	3/5/24 12:19			-45.7	refusal on bedrock

JPR-506	3/5/24 12:29	954,113.12	647,523.15	1.6	water surface
JPR-506	3/5/24 12:29			-37.8	midline
JPR-506	3/5/24 12:38			-47.9	gravel
JPR-506	3/5/24 12:39			-51.1	gravel - no refusal

JPR-501	3/5/24 13:03	953,973.59	647,609.24	1.7	water surface
JPR-501	3/5/24 13:03			-39.1	midline
JPR-501	3/5/24 13:10			-40.3	gravel
JPR-501	3/5/24 13:10			-40.8	refusal on bedrock

JPR-503	3/5/24 13:28	954,050.67	647,603.58	1.8	water surface
JPR-503	3/5/24 13:28			-38.0	midline
JPR-503	3/5/24 13:35			-39.7	gravel
JPR-503	3/5/24 13:35			-40.2	refusal on bedrock

JPR-505	3/5/24 13:55	954,121.97	647,596.13	2.1	water surface
JPR-505	3/5/24 13:55			-37.7	midline
JPR-505	3/5/24 13:59			-40.5	refusal on bedrock

JPR-303	3/5/24 14:42	954,108.64	648,274.70	2.9	water surface
JPR-303	3/5/24 14:42			-36.7	midline
JPR-303	3/5/24 14:51			-50.9	sandy gravel - no refusal

JPR-305	3/5/24 15:02	954,182.41	648,268.60	3.3	water surface
JPR-305	3/5/24 15:02			-37.1	midline
JPR-305	3/5/24 15:12			-50.4	gravel - no refusal

JPR-307	3/5/24 15:27	954,256.07	648,264.24	3.9	water surface
JPR-307	3/5/24 15:27			-39.0	midline
JPR-307	3/5/24 15:35			-45.5	gravel
JPR-307	3/5/24 15:35			-51.0	gravel - no refusal

JPR-309	3/6/24 8:20	954,328.65	648,253.17	6.1	water surface
JPR-309	3/6/24 8:20			-35.3	mudline
JPR-309	3/6/24 8:31			-51.5	gravel - no refusal
JPR-310	3/6/24 8:47	954,324.66	648,183.58	5.7	water surface
JPR-310	3/6/24 8:47			-35.5	mudline
JPR-310	3/6/24 8:55			-51.9	gravel - no refusal
JPR-308	3/6/24 9:05	954,250.37	648,189.03	5.4	water surface
JPR-308	3/6/24 9:05			-38.5	mudline
JPR-308	3/6/24 9:13			-51.3	sand - no refusal
JPR-401	3/6/24 9:51	953,999.48	647,908.29	4.4	water surface
JPR-401	3/6/24 9:51			-38.4	mudline
JPR-401	3/6/24 9:59			-38.7	gravel
JPR-401	3/6/24 10:00			-40.2	refusal on bedrock
JPR-404	3/6/24 10:17	954,073.60	647,899.05	3.9	water surface
JPR-404	3/6/24 10:17			-37.0	mudline
JPR-404	3/6/24 10:26			-45.0	refusal on bedrock
JPR-405	3/6/24 10:43	954,067.94	647,825.79	3.4	water surface
JPR-405	3/6/24 10:43			-38.3	mudline
JPR-405	3/6/24 10:50			-52.2	sand w/a little gravel - no refusal
JPR-402	3/6/24 10:59	953,993.97	647,832.48	3.1	water surface
JPR-402	3/6/24 10:59			-38.6	mudline
JPR-402	3/6/24 11:05			-41.8	refusal on bedrock
JPR-403	3/6/24 11:32	953,986.54	647,756.42	2.4	water surface
JPR-403	3/6/24 11:32			-39.9	mudline
JPR-403	3/6/24 11:37			-43.8	refusal on bedrock
JPR-406	3/6/24 11:54	954,063.40	647,754.06	2.0	water surface
JPR-406	3/6/24 11:54			-38.6	mudline
JPR-406	3/6/24 12:05			-50.6	refusal on bedrock
JPR-618	3/6/24 13:28	955,922.56	643,525.49	0.7	water surface
JPR-618	3/6/24 13:28			-25.9	mudline
JPR-618	3/6/24 13:38			-43.1	refusal on dense sand
JPR-616	3/6/24 13:52	955,847.89	643,536.14	0.7	water surface
JPR-616	3/6/24 13:52			-25.5	mudline
JPR-616	3/6/24 13:57			-21.3	gravel
JPR-616	3/6/24 14:00			-51.3	gravel - no refusal
JPR-614	3/6/24 14:08	955,774.06	643,544.40	0.8	water surface
JPR-614	3/6/24 14:08			-25.9	mudline
JPR-614	3/6/24 14:11			-27.6	gravel
JPR-614	3/6/24 14:13			-51.1	gravel - no refusal
JPR-612	3/6/24 14:20	955,699.23	643,548.82	0.9	water surface
JPR-612	3/6/24 14:20			-26.4	mudline
JPR-612	3/6/24 14:23			-34.1	gravel
JPR-612	3/6/24 14:26			-51.1	gravel - no refusal
JPR-610	3/6/24 14:35	955,626.22	643,560.79	0.9	water surface
JPR-610	3/6/24 14:35			-27.4	mudline
JPR-610	3/6/24 14:40			-33.9	gravel
JPR-610	3/6/24 14:45			-51.0	gravel - no refusal
JPR-602	3/6/24 15:21	955,329.07	643,588.74	1.7	water surface
JPR-602	3/6/24 15:21			-39.4	mudline
JPR-602	3/6/24 15:27			-50.3	sand - no refusal
JPR-604	3/6/24 15:39	955,405.35	643,578.25	2.0	water surface
JPR-604	3/6/24 15:39			-38.7	mudline
JPR-604	3/6/24 15:45			-50.9	sand - no refusal

JPR-606	3/6/24 15:53	955,405.35	643,578.25	2.1	water surface	* JPR-606 and JPR-604 have same coordinates. JPR-606 is not included in cross sections provided to USACE NAE for New Haven Improvement Subsurface Exploration Report, Jan. 2025
JPR-606	3/6/24 15:53			-38.6	mudline	
JPR-606	3/6/24 15:58			-50.8	sand - no refusal	
JPR-608	3/6/24 16:08	955,551.94	643,566.85	2.4	water surface	
JPR-608	3/6/24 16:08			-34.6	mudline	
JPR-608	3/6/24 16:14			-51.4	sand - no refusal	
JPR-301	3/6/24 16:48	954,031.31	648,283.99	3.5	water surface	
JPR-301	3/6/24 16:48			-36.3	mudline	
JPR-301	3/6/24 16:54			-51.0	sand - no refusal	
JPR-302	3/6/24 17:02	954,025.77	648,203.31	3.7	water surface	
JPR-302	3/6/24 17:02			-39.1	mudline	
JPR-302	3/6/24 17:14			-44.1	gravel	
JPR-302	3/6/24 14:17			-49.1	refusal at gravel/hard bottom	
JPR-701	3/7/24 8:16	954,569.90	648,315.34	7.5	water surface	
JPR-701	3/7/24 8:16			-14.3	mudline	
JPR-701	3/7/24 8:26			-47.5	refusal at compacted sand	
JPR-702	3/7/24 8:40	954,578.28	648,383.94	7.2	water surface	
JPR-702	3/7/24 8:40			-14.1	mudline	
JPR-702	3/7/24 8:46			-33.2	refusal at compacted sand	
JPR-703	3/7/24 8:58	954,590.21	648,458.92	7.1	water surface	
JPR-703	3/7/24 8:58			-14.0	mudline	
JPR-703	3/7/24 9:04			-32.7	refusal at compacted sand	
JPR-704	3/8/24 7:51	954,482.92	647,414.73	7.2	water surface	
JPR-704	3/8/24 7:51			-19.4	mudline	
JPR-704	3/8/24 7:56			-30.2	sandy gravel	
JPR-704	3/8/24 8:00			-50.7	sandy gravel - no refusal	
JPR-705	3/8/24 8:07	954,477.08	647,338.45	7.5	water surface	
JPR-705	3/8/24 8:07			-20.1	mudline	
JPR-705	3/8/24 8:17			-50.2	sandy gravel	
JPR-706	3/8/24 8:36	954,470.33	647,261.62	7.9	water surface	
JPR-706	3/8/24 8:36			-21.3	mudline	
JPR-706	3/8/24 8:45			-39.8	refusal at compacted sand	
JPR-713	3/8/24 9:23	954,464.74	647,184.93	8.2	water surface	
JPR-713	3/8/24 9:23			-22.3	mudline	
JPR-713	3/8/24 9:27			-29.8	gravel	
JPR-713	3/8/24 9:29			-51.3	gravel - no refusal	
JPR-712	3/8/24 10:01	953,768.21	647,853.89	7.9	water surface	
JPR-712	3/8/24 10:01			-23.8	mudline	
JPR-712	3/8/24 10:05			-31.2	gravel	
JPR-712	3/8/24 10:05			-31.7	refusal at rock	
JPR-712	3/8/24 10:11			-49.7	refusal at bedrock (2nd attempt)	
JPR-711	3/8/24 10:28	953,844.55	647,842.39	7.5	water surface	
JPR-711	3/8/24 10:28			-23.8	mudline	
JPR-711	3/8/24 10:33			-42.7	gravel	
JPR-711	3/8/24 10:35			-49.9	refusal at bedrock	
JPR-710	3/8/24 10:56	953,915.86	647,839.28	6.9	water surface	
JPR-710	3/8/24 10:56			-25.4	mudline	
JPR-710	3/8/24 11:02			-35.3	gravel	
JPR-710	3/8/24 11:02			-35.8	refusal at bedrock	
JPR-707	3/8/24 11:35	954,666.62	647,773.09	5.8	water surface	
JPR-707	3/8/24 11:35			-15.5	mudline	
JPR-707	3/8/24 11:42			-35.3	gravel	
JPR-707	3/8/24 11:42			-36.3	refusal at bedrock	

JPR-708	3/8/24 11:50	954,737.87	647,769.27	5.5	water surface
JPR-708	3/8/24 11:50			-15.6	mudline
JPR-708	3/8/24 11:55			-26.8	gravel
JPR-708	3/8/24 11:55			-29.7	sand
JPR-708	3/8/24 11:58			-31.4	refusal at compacted sand
JPR-709	3/8/24 12:08	954,816.75	647,766.52	5.0	water surface
JPR-709	3/8/24 12:08			-15.6	mudline
JPR-709	3/8/24 12:15			-30.4	refusal at compacted sand
JPR-716	3/8/24 13:05	953,694.19	647,855.57	3.2	water surface
JPR-716	3/8/24 13:05			-24.3	mudline
JPR-716	3/8/24 13:05			-40.6	refusal at bedrock

Probe ID	Date & Time	Easting (CT NAD 83)	Northing (CT NAD 83)	Elev. (FT MLLW)	Description
JPR-806	5/6/24 9:30			6.3	water surface
JPR-806	5/6/24 9:30	954,123.31	647,332.52	-39.2	mudline
JPR-806	5/6/24 10:42			-56.2	refusal on bedrock
JPR-813	5/6/24 11:20			6.6	water surface
JPR-813	5/6/24 11:20	954,444.04	647,414.74	-20.3	mudline
JPR-813	5/6/24 11:41			-40.8	gravel
JPR-813	5/6/24 11:43			-42.8	refusal on bedrock/sandy gravel
JPR-813b	5/6/24 12:09	954,444.28	647,414.51	-34.5	Offset, gravel
JPR-813b	5/6/24 12:10			-51.6	Offset, no refusal
JPR-814	5/6/24 12:30			5.0	water surface
JPR-814	5/6/24 12:10	954,492.01	647,414.03	-19.2	mudline
JPR-814	5/6/24 12:43			-27.9	gravel
JPR-814	5/6/24 12:45			-38.6	refusal rock
JPR-814b	5/6/24 12:51	954,492.50	647,413.74	-27.8	Offset, gravel. Moved ~3' south. Opened up the moon pool.
JPR-814b	5/6/24 12:53			-38.8	Offset, sand
JPR-814b	5/6/24 12:55			-38.3	Offset, sandy, refusal. Move further south.
JPR-814c	5/6/24 13:30	954,492.49	647,389.76	-19.6	Offset, mudline
JPR-814c	5/6/24 13:33			-26.8	gravel
JPR-814c	5/6/24 13:37			-37.3	sand refusal
JPR-814d	5/6/24 13:55	954,492.69	647,365.41	-20.2	Offset, mudline
JPR-814d	5/6/24 13:59			-29.4	soft to gritty sands
JPR-814d	5/6/24 14:07			-32.6	sand refusal, probe getting stuck after tapping to try and gain more depth.
JPR-815	5/6/24 14:20	954,542.56	647,411.74	-18.5	mudline
JPR-815	5/6/24 14:29			-41.1	refusal, bedrock
JPR-815b	5/6/24 14:51	954542.36	647437.55	-18.3	Offset north, mudline
JPR-815b	5/6/24 15:03			-33.9	dense sand refusal, probe getting stuck, need winch to dislodge.
JPR-815c	5/6/24 15:17	954543.34	647388.21	-19.7	mudline
JPR-815c	5/6/24 15:20			-26.0	refusal, bedrock. Opened up moon pool and moved probe over 5' and got same result.
JPR-817	5/6/24 16:26	954644.64	647414.27	-17.3	mudline
JPR-817	5/6/24 16:35			-44.0	refusal rock.
JPR-817b	5/6/24 16:26	954642.71	647436.45	-17.2	Offset mudline
JPR-817b	5/6/24 16:59			-50.9	sandy
JPR-818	5/6/24 17:17	954691.52	647413.94	-17.2	mudline
JPR-818	5/6/24 17:22			-50.6	sandy
JPR-819	5/7/24 8:19	954739.79	647426.76	-16.7	mudline
JPR-819	5/7/24 8:25			-41.1	refusal rock
JPR-820	5/7/24 8:47	954762.58	647469.72	-16.4	mudline
JPR-820	5/7/24 8:50			-26.5	dense sand refusal, probe getting stuck.
JPR-820b	5/7/24 9:01	954788.91	647470.5	-16.5	Offset east, mudline
JPR-820b	5/7/24 9:05			-26.1	dense sand refusal, probe getting stuck.
JPR-821	5/7/24 9:17	954765.01	647520.54	-16.1	mudline
JPR-821	5/7/24 9:24			-26.6	dense sand refusal, probe getting stuck.
JPR-821b	5/7/24 9:32	954740.16	647520.48	-16.3	Offset west, mudline
JPR-821b	5/7/24 9:34			-34.3	soft.
JPR-822	5/7/24 9:42	954765.41	647569.43	-15.8	mudline
JPR-822	5/7/24 9:47			-26.5	sand/rock refusal.
JPR-822b	5/7/24 9:58	954740.41	647570.6	-15.6	Offset west, mudline.
JPR-822b	5/7/24 10:00			-30.6	soft, little gravel punch through.
JPR-823	5/7/24 10:42	954764.39	647620.47	-15.4	mudline
JPR-823	5/7/24 10:00			-25.7	dense sand refusal, probe getting stuck.
JPR-823b	5/7/24 10:54	954740.75	647620.77	-15.7	Offset west, mudline
JPR-823b	5/7/24 10:57			-30.6	soft then rock refusal.
JPR-824	5/7/24 11:18	954765.34	647671.15	-15.2	mudline
JPR-824	5/7/24 11:22			-25.7	dense sand refusal, probe getting stuck.
JPR-824b	5/7/24 11:29	954741	647670.77	-15.2	Offset west, mudline.
JPR-824b	5/7/24 11:32			-29.7	dense sand refusal, probe getting stuck.
JPR-825	5/7/24 11:46	954765.66	647720.9	-15.1	mudline
JPR-825	5/7/24 11:32			-23.7	dense sand refusal, probe getting stuck.
JPR-825b	5/7/24 11:32	954741.62	647720.89	-14.7	Offset west, mudline.
JPR-825b	5/7/24 12:01			-30.0	soft.

JPR-826	5/7/24 12:10	954766.92	647770.13	-15.2	mudline	
JPR-826	5/7/24 12:16			-25.1	dense sand refusal, probe getting stuck.	
JPR-826b	5/7/24 12:24	954742.56	647770.83	-15.0	Offset west, mudline.	
JPR-826b	5/7/24 12:27			-26.5	dense sand refusal, probe getting stuck.	
JPR-827	5/7/24 13:08	954767.53	647820.67	-14.9	mudline	
JPR-827	5/7/24 13:11			-25.6	dense sand refusal, probe getting stuck.	
JPR-827b	5/7/24 13:20	954743.38	647820.73	-14.9	Offset west, mudline.	
JPR-827b	5/7/24 13:23			-30.1	soft, little dense last few feet.	
JPR-828	5/7/24 13:40	954767.9	647871.76	-14.6	mudline	
JPR-828	5/7/24 13:45			-25.6	dense sand refusal, probe getting stuck.	
JPR-828b	5/7/24 13:53	954743.77	647870.71	-14.8	Offset west, mudline.	
JPR-828b	5/7/24 13:55			-29.7	soft, little dense last few feet.	
JPR-829	5/7/24 14:05	954768.33	647920.04	-14.5	mudline	
JPR-829	5/7/24 14:10			-29.7	soft, little dense last few feet.	
JPR-830	5/7/24 14:20	954769.43	647970.45	-14.2	mudline	
JPR-830	5/7/24 14:24			-23.5	gravel	
JPR-830	5/7/24 14:25			-26.0	dense sand refusal, probe getting stuck.	
JPR-830b	5/7/24 14:32	954744.15	647970.93	-15.4	Offset west, mudline.	
JPR-830b	5/7/24 14:37			-24.8	dense sand refusal, probe getting stuck, maybe rock.	
JPR-831	5/7/24 14:53	954768.91	648021.23	-14.8	mudline	
JPR-831	5/7/24 14:58			-25.4	dense sand refusal.	
JPR-831b	5/7/24 15:08	954793.5	648020.69	-14.4	Offset east, mudline.	
JPR-831b	5/7/24 14:58			-25.9	rock refusal	
JPR-832	5/7/24 16:00	954769.9	648071.3	-14.7	mudline	
JPR-832	5/7/24 16:07			-26.8	dense sand and gravel refusal.	
JPR-832b	5/7/24 16:17	954744.39	648070.85	-13.9	Offset west, mudline.	* did not include JPR-832b in cross sections provided to USACE NAE New Haven Improvement Subsurface Exploration Report, Jan. 2025
JPR-832b	5/7/24 16:19			-29.0		
JPR-833	5/8/24 10:15	954765.46	648120.98	-14.0	mudline	
JPR-833	5/8/24 10:25			-23.3	gravel refusal.	
JPR-833b	5/8/24 10:25	954739.24	648120.54	6.2	Offset west, mudline.	
JPR-833b	5/8/24 10:40			-25.4	bedrock/gravel refusal	
JPR-834	5/8/24 11:13	954727.76	648154.66	-14.3	mudline	
JPR-834	5/8/24 11:23			-24.7	rock refusal.	
JPR-834b	5/8/24 11:33	954752.83	648154.62	-13.9	Offset east, mudline.	
JPR-834b	5/8/24 11:37			-24.6	rock refusal.	
JPR-835	5/8/24 11:48	954677.61	648159.14	-13.9	mudline	
JPR-835	5/8/24 11:53			-26.3	dense sand refusal.	
JPR-835b	5/8/24 12:04	954678.2	648183.85	-13.7	Offset north, mudline.	
JPR-835b	5/8/24 12:09			-25.2	dense sand refusal.	
JPR-836	5/8/24 12:25	954628.6	648160.16	-14.1	mudline	
JPR-836	5/8/24 12:37			-45.5	dense sand refusal.	
JPR-836b	5/8/24 12:52	954627.93	648183.93	-14.1	Offset north, mudline.	
JPR-836b	5/8/24 12:58			-47.4	dense sand refusal.	
JPR-837	5/8/24 13:36	954578.32	648161.29	-14.1	mudline	
JPR-837	5/8/24 13:45			-51.5	soft, little dense at end.	
JPR-838	5/8/24 14:00	954532.83	648183.65	-14.6	mudline	
JPR-838	5/8/24 14:06			-36.6	dense sand/rock refusal.	
JPR-838b	5/8/24 14:15	954520.9	648161.71	-15.1	Offset SW, mudline	
JPR-838b	5/8/24 14:21			-52.0	soft to dense to soft sand.	
JPR-839	5/8/24 14:34	954490.81	648207.59	-16.9	mudline	
JPR-839	5/8/24 14:43			-37.0	dense sand refusal.	
JPR-839b	5/8/24 15:43	954476.19	648186.47	-19.9	Offset SW, mudline	
JPR-839b	5/8/24 15:50			-45.6	dense sand/gravel refusal.	
JPR-840	5/8/24 16:00	954445.79	648230.94	-31.8	mudline	
JPR-840	5/8/24 16:06			-52.0	soft, light gravel.	
JPR-841	5/9/24 8:20	954402.45	648257.37	-32.7	mudline	
JPR-841	5/9/24 8:29			-43.9	gravel	
JPR-841	5/9/24 8:31			-50.4	soft sand, little dense last few feet.	
JPR-842	5/9/24 8:43	954358.74	648279.83	-34.7	mudline	
JPR-842	5/9/24 8:58			-44.7	gravel	
JPR-842	5/9/24 8:59			-50.7	soft	
JPR-843	5/9/24 9:10	954317.18	648308.04	-36.4	mudline	
JPR-843	5/9/24 9:15			-50.6	soft	
JPR-844	5/9/24 10:00	954305.14	648329.75	-37.3	mudline	
JPR-844	5/9/24 10:09			-41.7	gravel	
JPR-844	5/9/24 10:11			-50.7	soft	
JPR-860	5/9/24 10:42	954642.02	647186.06	-19.2	mudline	
JPR-860	5/9/24 11:11			-37.6	rock refusal	
JPR-860b	5/9/24 11:20	954642.33	647161.53	-19.5	Offset south, mudline	
JPR-860b	5/9/24 11:23			-39.4	rock refusal	

JPR-851	5/9/24 11:33	954642.85	647265.04	-18.5	mudline
JPR-851	5/9/24 11:40			-35.5	refusal rocks, pinching probe
JPR-851b	5/9/24 11:47	954643.17	647239.54	-18.9	mudline
JPR-851b	5/9/24 16:06			-34.0	rock refusal
JPR-852	5/9/24 11:58	954592.66	647263.67	-18.7	mudline
JPR-852	5/9/24 12:04			-36.8	dense sand refusal
JPR-852b	5/9/24 12:15	954952.91	647289.25	-18.5	offset north, mudline
JPR-852b	5/9/24 12:20			-34.9	sandy gravel refusal
JPR-853	5/9/24 12:28	954543.14	647265.42	-19.4	mudline
JPR-853	5/9/24 12:35			-50.9	soft, little gravelly
JPR-861	5/9/24 12:45	954591.59	647187.55	-19.7	mudline
JPR-861	5/9/24 12:55			-41.1	dense sand refusal
JPR-861b	5/9/24 13:06	954592.31	647162.65	-20.1	mudline
JPR-861b	5/9/24 13:10			-51.2	little gravel
JPR-862	5/9/24 13:17	954541.58	647186.84	-20.5	mudline
JPR-862	5/9/24 13:23			-51.8	little gravel
JPR-863	5/9/24 13:53	954492.42	647187.37	-21.2	mudline
JPR-863	5/9/24 14:00			-51.3	gravelly
JPR-854	5/9/24 14:07	954492.31	647266	-20.4	mudline
JPR-854	5/9/24 14:13			-38.1	dense sand refusal.
JPR-854b	5/9/24 14:21	954493.11	647240.55	-21.0	Offset south, mudline
JPR-854b	5/9/24 14:26			-37.6	dense sand refusal
JPR-864	5/9/24 14:41	954442.62	647188.41	-22.1	mudline
JPR-864	5/9/24 14:45			-29.2	rock refusal
JPR-864b	5/9/24 14:59	954442.3	647163.12	-22.5	Offset south, mudline
JPR-864b	5/9/24 15:06			-51.9	sandy little gravel
JPR-865	5/9/24 15:15	954393.09	647188.18	-23.5	mudline
JPR-865	5/9/24 16:06			-35.3	rock refusal.
JPR-865b	5/9/24 15:33	954392.27	647164.23	-24.0	Offset south, mudline
JPR-865b	5/9/24 15:38			-51.6	little gravelly
JPR-855	5/9/24 15:47	954443.19	647265.33	-52.0	mudline
JPR-855	5/9/24 16:01			-44.2	gravel refusal.
JPR-855b	5/9/24 16:07	954443.15	647241.01	-21.7	Offset south, mudline
JPR-855b	5/9/24 16:12			-34.0	gravel refusal.
JPR-868	5/10/24 7:55	954242.15	647189.63	-37.1	mudline
JPR-868	5/10/24 8:08			-51.3	rock refusal.
JPR-859	5/10/24 8:16	954243.11	647269.02	-37.0	mudline
JPR-859	5/10/24 8:26			-51.0	rock refusal
JPR-858	5/10/24 8:33	954292.39	647267.72	-36.8	mudline
JPR-858	5/10/24 8:40			-40.9	rock refusal
JPR-858b	5/10/24 8:47	954292.99	647242.69	-36.9	Offset south, mudline
JPR-858b	5/10/24 8:53			-51.2	gravelly sand
JPR-867	5/10/24 9:01	954293.6	647189.73	-36.3	mudline
JPR-867	5/10/24 9:07			-51.4	gravelly sand
JPR-866	5/10/24 9:18	954341.94	647189.28	-25.3	mudline
JPR-866	5/10/24 9:30			-50.4	gravelly sand
JPR-857	5/10/24 9:41	954343.35	647267.02	-27.8	mudline
JPR-857	5/10/24 9:50			-51.1	rocks and gravel
JPR-856	5/10/24 9:58	954392.61	647265.8	-22.6	mudline
JPR-856	5/10/24 10:09			-37.7	bedrock
JPR-856b	5/10/24 10:15	954393.36	647241.77	-23.0	mudline
JPR-856b	5/10/24 10:20			-29.6	bedrock refusal