

Attachment 5 – Probing Logs, Location Tables, and Maps

650% DRAFT



8-ACRE BIRD ISLAND PROBING COORDINATES

PROBING ID	NORTHING	EASTING
ECP-01-A	13,715,920.04	3,306,989.35
ECP-04-A	13,716,363.68	3,306,720.33
ECP-05-A	13,716,634.19	3,307,183.19
ECP-09-A	13,717,074.31	3,306,941.23
ECP-10-A	13,717,306.68	3,307,386.39
ECP-11-A	13,717,548.11	3,307,828.98
ECP-12-A	13,717,779.97	3,308,280.29
ECP-13-A	13,718,021.65	3,308,722.39
ECP-19-A	13,718,458.85	3,308,474.68
ECP-18-A	13,718,214.33	3,308,031.03
ECP-17-A	13,717,966.74	3,307,567.55
ECP-16-A	13,717,670.85	3,307,033.48
ECP-15-A	13,717,434.28	3,306,576.44
ECP-14-A	13,717,281.64	3,306,295.64
ECP-20-A	13,717,919.58	3,306,474.07
ECP-21-A	13,718,156.56	3,306,910.73
ECP-22-A	13,718,404.81	3,307,361.46
ECP-23-A	13,718,644.01	3,307,793.39
ECP-24-A	13,718,873.01	3,308,224.13
ECP-30-A	13,719,322.94	3,307,993.52
ECP-29-A	13,719,118.11	3,307,627.37
ECP-28-A	13,718,930.25	3,307,268.75
ECP-27-A	13,718,618.17	3,306,662.75
ECP-25-A	13,718,132.60	3,305,784.42
ECP-31-A	13,718,578.51	3,305,553.45
ECP-32-A	13,718,809.93	3,306,001.02
ECP-33-A	13,719,068.05	3,306,432.62
ECP-34-A	13,719,348.72	3,306,994.00
ECP-35-A	13,719,533.59	3,307,317.15
ECP-36-A	13,719,777.27	3,307,758.23

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,306,989	Northing(NAD83):	13,715,920
Hole Number:	ECP-01-A			Freeboard:	7.58
Time:	13:38			Tide:	1.08
Sounding Depth:	-12.7	Bottom of Probe:	-39.3 ft.	Penetration:	-26.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-12.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.7	-20.3	=====	
		CL	SILT/CLAY
11.7	-24.3	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
26.7	-39.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,306,720	Northing(NAD83):	13,716,364
Hole Number:	ECP-04-A			Freeboard:	7.58
Time:	13:54			Tide:	1.17
Sounding Depth:	-12.1	Bottom of Probe:	-27.3 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-12.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.1	-16.3	=====	
		CL	SILT/CLAY
11.6	-23.8	=====	BEGIN JET
		CL	SILT/CLAY
15.1	-27.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,307,183	Northing(NAD83):	13,716,634
Hole Number:	ECP-05-A			Freeboard:	7.58
Time:	14:09			Tide:	1.16
Sounding Depth:	-12.1	Bottom of Probe:	-26.8 ft.	Penetration:	-14.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-12.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.1	-19.3	=====	
		CL	SILT/CLAY
14.1	-26.3	=====	BEGIN JET
		CL	SILT/CLAY
14.6	-26.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,306,941	Northing(NAD83):	13,717,074
Hole Number:	ECP-09-A			Freeboard:	7.58
Time:	14:25			Tide:	1.24
Sounding Depth:	-11.6	Bottom of Probe:	-31.2 ft.	Penetration:	-21.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.6	-19.2	=====	
		CL	SILT/CLAY
12.6	-24.2	=====	BEGIN JET
		CL	SILT/CLAY
15.6	-27.2	=====	JET
		SA	SAND
19.6	-31.2	=====	JET
		SA	SAND
21.6	-33.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,307,386	Northing(NAD83):	13,717,307
Hole Number:	ECP-10-A			Freeboard:	7.58
Time:	14:39			Tide:	1.28
Sounding Depth:	-11.4	Bottom of Probe:	-28.1 ft.	Penetration:	-16.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.3	-16.6	=====	
		CL	SILT/CLAY
14.8	-26.1	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
16.8	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,307,829	Northing(NAD83):	13,717,548
Hole Number:	ECP-11-A			Freeboard:	7.58
Time:	14:52			Tide:	1.4
Sounding Depth:	-10.9	Bottom of Probe:	-20. ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.6	-12.5	=====	
		CL-SA	SILT/CLAY & SAND
3.1	-14.0	=====	
		SA	SAND
5.1	-16.0	=====	BEGIN JET
		SA-CL	SAND & CLAY
9.1	-20.0	=====	JET
		CL	SILT/CLAY
15.1	-26.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,308,280	Northing(NAD83):	13,717,780
Hole Number:	ECP-12-A			Freeboard:	7.58
Time:	15:03			Tide:	1.36
Sounding Depth:	-10.7	Bottom of Probe:	-18.1 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.7	=====
Penetration Depth:		WOR SURFICIAL SILT
4.3	-15.1	=====
		SA SAND BEGIN JET
6.3	-17.1	=====
		SA SAND REFUSAL
7.3	-18.1	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,308,722	Northing(NAD83):	13,718,022
Hole Number:	ECP-13-A			Freeboard:	7.58
Time:	15:18			Tide:	1.41
Sounding Depth:	-10.8	Bottom of Probe:	-26. ft.	Penetration:	-15.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.8	=====
Penetration Depth:		WOR SURFICIAL SILT
6.2	-17.0	=====
		CL SILT/CLAY BEGIN JET
14.2	-25.0	=====
		CL-SA SILT/CLAY TO SAND REFUSAL
15.2	-26.0	=====

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,308,475	Northing(NAD83):	13,718,459
Hole Number:	ECP-19-A			Freeboard:	7.58
Time:	15:28			Tide:	1.47
Sounding Depth:	-10.4	Bottom of Probe:	-25.5 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.6	-19.0	=====	
		CL	SILT/CLAY
14.6	-25.0	=====	BEGIN JET
		CL	SILT/CLAY
15.1	-25.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,308,031	Northing(NAD83):	13,718,214
Hole Number:	ECP-18-A			Freeboard:	7.58
Time:	15:37			Tide:	1.46
Sounding Depth:	-10.0	Bottom of Probe:	-16. ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.0	-15.0	=====	
		SA	SAND
6.0	-16.0	=====	BEGIN JET
		SA	SAND
6.0	-16.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,307,568	Northing(NAD83):	13,717,967
Hole Number:	ECP-17-A			Freeboard:	7.58
Time:	15:44			Tide:	1.5
Sounding Depth:	-10.6	Bottom of Probe:	-23.9 ft.	Penetration:	-13.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.8	-15.4	=====	
		CL	SILT/CLAY
11.3	-21.9	=====	BEGIN JET
		CL	SILT/CLAY
13.3	-23.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,307,033	Northing(NAD83):	13,717,671
Hole Number:	ECP-16-A			Freeboard:	7.58
Time:	15:53			Tide:	1.65
Sounding Depth:	-11.2	Bottom of Probe:	-22.8 ft.	Penetration:	-11.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.6	-14.8	=====	
		CL	SILT/CLAY
6.6	-17.8	=====	
		CL	SILT/CLAY
10.6	-21.8	=====	BEGIN JET
		CL	SILT/CLAY
11.6	-22.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,306,576	Northing(NAD83):	13,717,434
Hole Number:	ECP-15-A			Freeboard:	7.58
Time:	16:09			Tide:	1.56
Sounding Depth:	-11.2	Bottom of Probe:	-19.9 ft.	Penetration:	-8.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.7	-14.9	=====	
		SA	SAND TO SILT/CLAY
5.7	-16.9	=====	BEGIN JET
		SA	SAND
8.7	-19.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	CH/JB/JBr/NM/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.13.19	Easting(NAD83):	3,306,296	Northing(NAD83):	13,717,282
Hole Number:	ECP-14-A			Freeboard:	7.58
Time:	16:15			Tide:	1.61
Sounding Depth:	-11.3	Bottom of Probe:	-23.8 ft.	Penetration:	-12.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.5	-15.8	=====	
		CL-SA	SILT/CLAY TO SAND
9.5	-20.8	=====	BEGIN JET
		SA	SAND
12.5	-23.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,474	Northing(NAD83):	13,717,920
Hole Number:	ECP-20-A			Freeboard:	7.58
Time:	12:57			Tide:	0.71
Sounding Depth:	-10.9	Bottom of Probe:	-37.2 ft.	Penetration:	-26.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.8	-15.7	=====	
		SA	SILTY SAND
8.8	-19.7	=====	BEGIN JET
		SA	SAND
26.3	-37.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,911	Northing(NAD83):	13,718,157
Hole Number:	ECP-21-A			Freeboard:	7.58
Time:	13:24			Tide:	0.61
Sounding Depth:	-10.7	Bottom of Probe:	-38.3 ft.	Penetration:	-27.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.6	-14.3	=====	
		CL	SILT/CLAY TO CLAY
13.1	-23.8	=====	BEGIN JET
		SA	SAND
27.6	-38.3	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,361	Northing(NAD83):	13,718,405
Hole Number:	ECP-22-A			Freeboard:	7.58
Time:	13:32			Tide:	0.61
Sounding Depth:	-10.4	Bottom of Probe:	-31.8 ft.	Penetration:	-21.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-14.8	=====	
		CL SILT/CLAY	BEGIN JET
14.4	-24.8	=====	
		SA SAND	REFUSAL
21.4	-31.8	=====	

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,793	Northing(NAD83):	13,718,644
Hole Number:	ECP-23-A			Freeboard:	7.58
Time:	13:41			Tide:	0.6
Sounding Depth:	-9.7	Bottom of Probe:	-33.8 ft.	Penetration:	-24.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-14.8	=====	
		SA-CL SAND TO SILT/CLAY	BEGIN JET
5.6	-15.3	=====	
		CL-SA SILT/CLAY TO SAND	REFUSAL
24.1	-33.8	=====	

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,308,224	Northing(NAD83):	13,718,873
Hole Number:	ECP-24-A			Freeboard:	7.58
Time:	13:54			Tide:	0.65
Sounding Depth:	-9.8	Bottom of Probe:	-35.3 ft.	Penetration:	-25.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.0	-14.8	=====	
		SA-CL	SAND TO SILT/CLAY
11.0	-20.8	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
25.5	-35.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,994	Northing(NAD83):	13,719,323
Hole Number:	ECP-30-A			Freeboard:	7.58
Time:	14:02			Tide:	0.55
Sounding Depth:	-9.4	Bottom of Probe:	-34.9 ft.	Penetration:	-25.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.5	-13.9	=====	
		CL	SILT/CLAY
15.5	-24.9	=====	BEGIN JET
		SA	SAND
25.5	-34.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,627	Northing(NAD83):	13,719,118
Hole Number:	ECP-29-A			Freeboard:	7.58
Time:	14:15			Tide:	0.62
Sounding Depth:	-9.6	Bottom of Probe:	-35.8 ft.	Penetration:	-26.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.7	-13.3	=====	
		SA-CL	SAND TO SILT/CLAY
12.2	-21.8	=====	BEGIN JET
		SA	SAND
26.2	-35.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,269	Northing(NAD83):	13,718,930
Hole Number:	ECP-28-A			Freeboard:	7.58
Time:	14:27			Tide:	0.52
Sounding Depth:	-10.1	Bottom of Probe:	-35.4 ft.	Penetration:	-25.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.8	-12.9	=====	
		CL	SILT/CLAY
12.8	-22.9	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
25.3	-35.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,663	Northing(NAD83):	13,718,618
Hole Number:	ECP-27-A			Freeboard:	7.58
Time:	14:37			Tide:	0.62
Sounding Depth:	-10.6	Bottom of Probe:	-37.8 ft.	Penetration:	-27.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.6	=====
Penetration Depth:		WOR SURFICIAL SILT
4.2	-14.8	=====
		SA SAND BEGIN JET
5.2	-15.8	=====
		CL SILT/CLAY REFUSAL
27.2	-37.8	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,305,784	Northing(NAD83):	13,718,133
Hole Number:	ECP-25-A			Freeboard:	7.58
Time:	14:47			Tide:	0.67
Sounding Depth:	-11.1	Bottom of Probe:	-34.3 ft.	Penetration:	-23.2 ft.

	Elevation	Description / Material
Surveyed ==>	-11.1	=====
Penetration Depth:		WOR SURFICIAL SILT
4.7	-15.8	=====
		SA SAND BEGIN JET
12.7	-23.8	=====
		SA SAND REFUSAL
23.2	-34.3	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,305,553	Northing(NAD83):	13,718,579
Hole Number:	ECP-31-A			Freeboard:	7.58
Time:	14:59			Tide:	0.52
Sounding Depth:	-11.5	Bottom of Probe:	-35.9 ft.	Penetration:	-24.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-11.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.4	-18.9	=====	
		CL	SILT/CLAY
8.4	-19.9	=====	
		CL-SA	SILT/CLAY TO SAND
13.4	-24.9	=====	BEGIN JET
		SA	SAND
24.4	-35.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,001	Northing(NAD83):	13,718,810
Hole Number:	ECP-32-A			Freeboard:	7.58
Time:	15:09			Tide:	0.6
Sounding Depth:	-10.8	Bottom of Probe:	-36.8 ft.	Penetration:	-26.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.8	=====	
Probe Measurement:		WOR	SURFICIAL SILT
Penetration Depth:	-14.8	=====	
0.0		CL	SILT/CLAY
			BEGIN JET
0.0	-22.8	=====	
		SA	SAND
0.0	-36.8	=====	REFUSAL

REFUSAL IN SAND

DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,433	Northing(NAD83):	13,719,068
Hole Number:	ECP-33-A			Freeboard:	7.58
Time:	15:17			Tide:	0.64
Sounding Depth:	-10.5	Bottom of Probe:	-36.3 ft.	Penetration:	-25.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
4.3	-14.8	=====
		SA SAND BEGIN JET
5.3	-15.8	=====
		SA SAND REFUSAL
25.8	-36.3	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,306,994	Northing(NAD83):	13,719,349
Hole Number:	ECP-34-A			Freeboard:	7.58
Time:	15:25			Tide:	0.49
Sounding Depth:	-10.0	Bottom of Probe:	-37.9 ft.	Penetration:	-28.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.0	=====
Penetration Depth:		WOR SURFICIAL SILT
9.0	-18.9	=====
		SA SAND BEGIN JET
13.0	-22.9	=====
		SA SAND REFUSAL
28.0	-37.9	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,317	Northing(NAD83):	13,719,534
Hole Number:	ECP-35-A			Freeboard:	7.58
Time:	15:33			Tide:	0.69
Sounding Depth:	-9.7	Bottom of Probe:	-30.7 ft.	Penetration:	-21.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.1	-17.7	=====	
		CL-SA	SILT/CLAY TO SAND
15.1	-24.7	=====	BEGIN JET
		SA	SAND
21.1	-30.7	=====	REFUSAL

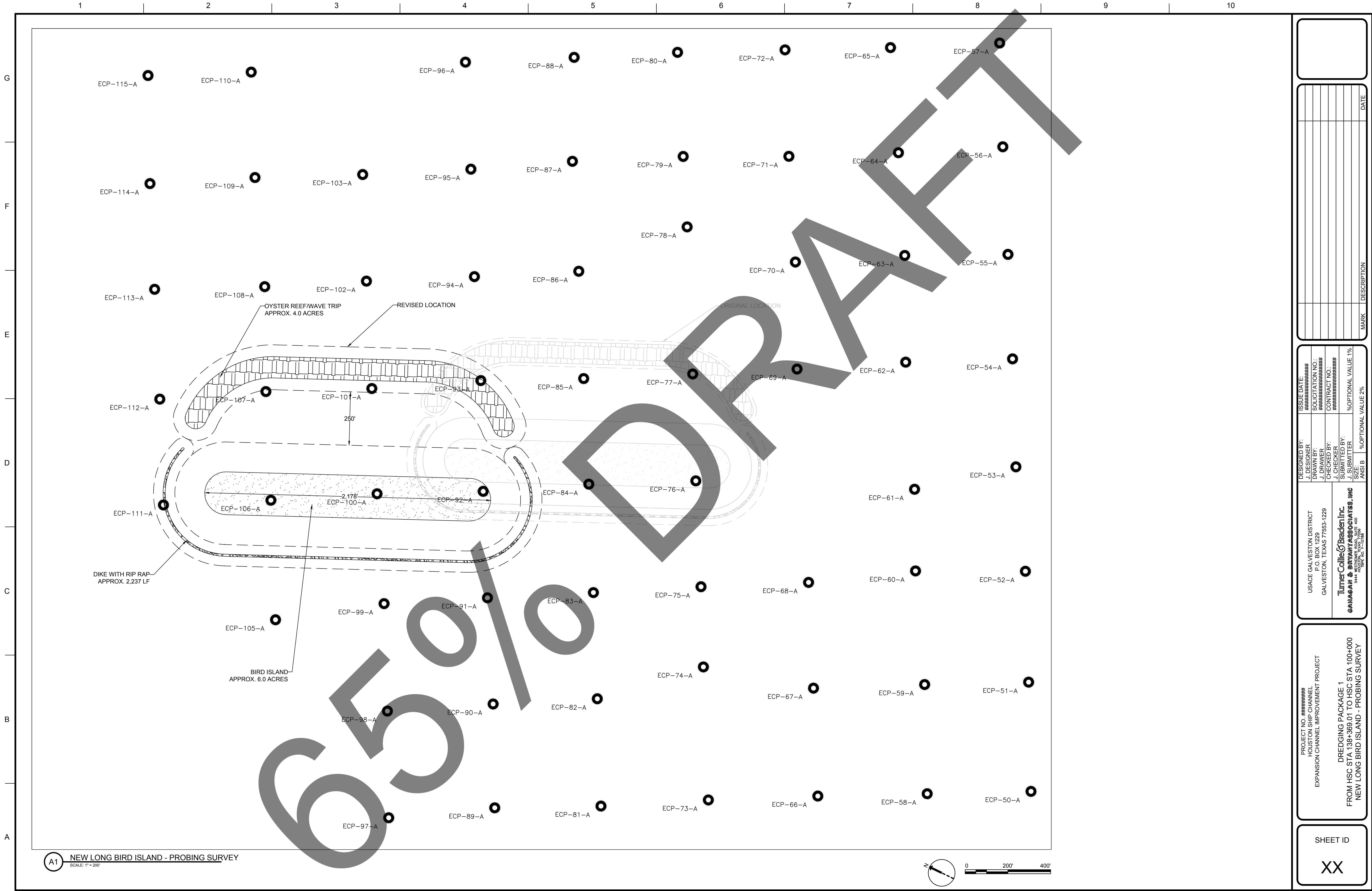
Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	8-AC BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.15.19	Easting(NAD83):	3,307,758	Northing(NAD83):	13,719,777
Hole Number:	ECP-36-A			Freeboard:	7.58
Time:	15:42			Tide:	0.77
Sounding Depth:	-9.2	Bottom of Probe:	-34.7 ft.	Penetration:	-25.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.5	-19.7	=====	
		CL-SA	SILT/CLAY TO SAND
13.5	-22.7	=====	BEGIN JET
		SA	SAND
25.5	-34.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW



LONG BIRD ISLAND PROBING COORDINATES

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-50-A	13,728,748.79	3,302,257.16	ECP-100-A	13,732,110.47	3,302,177.00
ECP-51-A	13,728,981.42	3,302,712.24	ECP-101-A	13,732,346.97	3,302,609.65
ECP-52-A	13,729,220.99	3,303,172.68	ECP-102-A	13,732,588.58	3,303,050.89
ECP-53-A	13,729,473.93	3,303,593.25	ECP-103-A	13,732,821.66	3,303,492.12
ECP-54-A	13,729,708.11	3,304,040.98	ECP-105-A	13,732,281.65	3,301,439.43
ECP-55-A	13,729,940.36	3,304,471.47	ECP-106-A	13,732,544.52	3,301,933.45
ECP-56-A	13,730,181.35	3,304,914.28	ECP-107-A	13,732,787.22	3,302,380.82
ECP-57-A	13,730,406.12	3,305,344.75	ECP-108-A	13,733,005.98	3,302,820.08
ECP-65-A	13,730,856.69	3,305,102.95	ECP-109-A	13,733,269.33	3,303,259.95
ECP-64-A	13,730,608.97	3,304,676.45	ECP-110-A	13,733,500.22	3,303,696.09
ECP-63-A	13,730,373.10	3,304,256.57	ECP-111-A	13,732,987.56	3,301,694.44
ECP-58-A	13,729,181.34	3,302,035.58	ECP-112-A	13,733,218.80	3,302,132.61
ECP-59-A	13,729,414.80	3,302,490.23	ECP-113-A	13,733,464.38	3,302,584.64
ECP-60-A	13,729,684.74	3,302,950.05	ECP-114-A	13,733,699.41	3,303,020.29
ECP-61-A	13,729,855.08	3,303,291.96	ECP-115-A	13,733,928.00	3,303,471.45
ECP-62-A	13,730,151.52	3,303,809.20			
ECP-66-A	13,729,637.44	3,301,802.79			
ECP-67-A	13,729,875.55	3,302,248.42			
ECP-68-A	13,730,111.95	3,302,683.72			
ECP-69-A	13,730,595.29	3,303,558.75			
ECP-70-A	13,730,820.33	3,304,006.13			
ECP-71-A	13,731,063.16	3,304,437.75			
ECP-72-A	13,731,296.44	3,304,878.32			
ECP-80-A	13,731,744.24	3,304,648.67			
ECP-79-A	13,731,508.12	3,304,221.80			
ECP-78-A	13,731,348.06	3,303,933.28			
ECP-77-A	13,731,024.76	3,303,325.29			
ECP-76-A	13,730,793.87	3,302,881.34			
ECP-75-A	13,730,556.25	3,302,446.22			
ECP-74-A	13,730,382.71	3,302,113.29			
ECP-73-A	13,730,090.65	3,301,563.23			
ECP-81-A	13,730,530.66	3,301,318.47			
ECP-82-A	13,730,764.80	3,301,762.90			
ECP-83-A	13,730,997.62	3,302,202.06			
ECP-84-A	13,731,237.85	3,302,649.33			
ECP-85-A	13,731,474.78	3,303,083.65			
ECP-86-A	13,731,714.17	3,303,525.41			
ECP-87-A	13,731,965.01	3,303,975.46			
ECP-88-A	13,732,169.76	3,304,416.69			
ECP-89-A	13,730,974.66	3,301,094.49			
ECP-90-A	13,731,193.05	3,301,528.47			
ECP-91-A	13,731,433.33	3,301,964.10			
ECP-92-A	13,731,668.34	3,302,403.68			
ECP-93-A	13,731,904.04	3,302,865.34			
ECP-94-A	13,732,142.99	3,303,289.95			
ECP-95-A	13,732,376.74	3,303,735.38			
ECP-96-A	13,732,617.83	3,304,175.02			
ECP-97-A	13,731,401.08	3,300,836.43			
ECP-98-A	13,731,624.06	3,301,283.06			
ECP-99-A	13,731,857.03	3,301,728.75			

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,257	Northing(NAD83):	13,728,749
Hole Number:	ECP-50-A			Freeboard:	7.58
Time:	8:39			Tide:	1.47
Sounding Depth:	-9.1	Bottom of Probe:	-54. ft.	Penetration:	-44.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-21.0	=====	
		SA	SAND
12.4	-21.5	=====	BEGIN JET
		CL	SILT/CLAY
44.9	-54.0	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,712	Northing(NAD83):	13,728,981
Hole Number:	ECP-51-A			Freeboard:	7.58
Time:	8:55			Tide:	1.45
Sounding Depth:	-9.0	Bottom of Probe:	-54. ft.	Penetration:	-45.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.0	-20.0	=====	
		SA	SAND
15.0	-24.0	=====	BEGIN JET
		CL	SILT/CLAY
45.0	-54.0	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,173	Northing(NAD83):	13,729,221
Hole Number:	ECP-52-A			Freeboard:	7.58
Time:	9:28			Tide:	1.39
Sounding Depth:	-9.1	Bottom of Probe:	-54. ft.	Penetration:	-45.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.0	-21.0	=====	
		SA	SAND
13.0	-22.0	=====	BEGIN JET
		CL	SILT/CLAY
45.0	-54.0	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,593	Northing(NAD83):	13,729,474
Hole Number:	ECP-53-A			Freeboard:	7.58
Time:	9:36			Tide:	1.39
Sounding Depth:	-9.1	Bottom of Probe:	-54. ft.	Penetration:	-44.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-21.0	=====	
		CL	SILT/CLAY
16.9	-26.0	=====	BEGIN JET
		CL	SILT/CLAY
44.9	-54.0	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,041	Northing(NAD83):	13,729,708
Hole Number:	ECP-54-A			Freeboard:	7.58
Time:	9:48			Tide:	1.28
Sounding Depth:	-9.1	Bottom of Probe:	-54.1 ft.	Penetration:	-45.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.1	-21.1	=====	
		SA	SAND
13.1	-22.1	=====	BEGIN JET
		CL	SILT/CLAY
15.1	-24.1	=====	JET
		SA	SAND
45.1	-54.1	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,471	Northing(NAD83):	13,729,940
Hole Number:	ECP-55-A			Freeboard:	7.58
Time:	9:56			Tide:	1.2
Sounding Depth:	-8.8	Bottom of Probe:	-54.2 ft.	Penetration:	-45.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-21.7	=====	
		SA	SAND
13.4	-22.2	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-23.2	=====	JET
		CL	SILT/CLAY W/ SHELL
45.4	-54.2	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,914	Northing(NAD83):	13,730,181
Hole Number:	ECP-56-A			Freeboard:	7.58
Time:	10:05			Tide:	1.18
Sounding Depth:	-8.7	Bottom of Probe:	-54.2 ft.	Penetration:	-45.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.6	-21.2	=====	
		SA	SAND
13.6	-22.2	=====	BEGIN JET
		CL	SILT/CLAY
14.6	-23.2	=====	JET
		CL	SILT/CLAY W/ SHELL & SAND
45.6	-54.2	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,305,345	Northing(NAD83):	13,730,406
Hole Number:	ECP-57-A			Freeboard:	7.58
Time:	10:16			Tide:	1.19
Sounding Depth:	-8.7	Bottom of Probe:	-54.2 ft.	Penetration:	-45.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.1	-21.7	=====	
		SA	SAND
14.6	-23.2	=====	BEGIN JET
		CL	SILT/CLAY
15.6	-24.2	=====	JET
		CL	SILT/CLAY
45.6	-54.2	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,305,103	Northing(NAD83):	13,730,857
Hole Number:	ECP-65-A			Freeboard:	7.58
Time:	10:26			Tide:	1.09
Sounding Depth:	-8.6	Bottom of Probe:	-50.3 ft.	Penetration:	-45.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
12.8	-21.3	=====
		SA SAND BEGIN JET
13.8	-22.3	=====
		CL-SH SILT/CLAY W/ SHELL JET
32.8	-41.3	=====
		CL-SH SILT/CLAY W/ SHELL JET
41.8	-50.3	=====
		CL SILT/CLAY NO REFUSAL
45.8	-54.3	=====

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,676	Northing(NAD83):	13,730,609
Hole Number:	ECP-64-A			Freeboard:	7.58
Time:	10:43			Tide:	1.03
Sounding Depth:	-8.8	Bottom of Probe:	-33.4 ft.	Penetration:	-38.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
11.6	-20.4	=====
		CL SILT/CLAY BEGIN JET
14.6	-23.4	=====
		CL SILT/CLAY JET
24.6	-33.4	=====
		CL-SH SILT/CLAY W/ SHELL JET
24.6	-33.4	=====
		SH SHELL REFUSAL
38.6	-47.4	=====

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,257	Northing(NAD83):	13,730,373
Hole Number:	ECP-63-A			Freeboard:	7.58
Time:	11:00			Tide:	0.97
Sounding Depth:	-8.9	Bottom of Probe:	-47.5 ft.	Penetration:	-38.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.9	=====
Penetration Depth:		WOR SURFICIAL SILT
12.6	-21.5	=====
		SA SAND BEGIN JET
13.6	-22.5	=====
		SH SHELL JET
29.1	-38.0	=====
		SH SHELL REFUSAL
38.6	-47.5	=====

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,036	Northing(NAD83):	13,729,181
Hole Number:	ECP-58-A			Freeboard:	7.58
Time:	11:23			Tide:	0.85
Sounding Depth:	-9.2	Bottom of Probe:	-35.6 ft.	Penetration:	-26.4 ft.

	Elevation	Description / Material
Surveyed ==>	-9.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.4	-20.6	=====
		SA SAND BEGIN JET
12.4	-21.6	=====
		CL SILT/CLAY JET
26.4	-35.6	=====
		SH SILT/CLAY REFUSAL
26.4	-35.6	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,490	Northing(NAD83):	13,729,415
Hole Number:	ECP-59-A			Freeboard:	7.58
Time:	12:22			Tide:	0.77
Sounding Depth:	-9.1	Bottom of Probe:	-31.7 ft.	Penetration:	-22.6 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		WOR SURFICIAL SILT
11.6	-20.7	=====
		SA SAND BEGIN JET
12.1	-21.2	=====
		SA SAND REFUSAL
22.6	-31.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,950	Northing(NAD83):	13,729,685
Hole Number:	ECP-60-A			Freeboard:	7.58
Time:	12:29			Tide:	0.69
Sounding Depth:	-9.0	Bottom of Probe:	-36.2 ft.	Penetration:	-27.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
11.8	-20.7	=====
		SA SAND BEGIN JET
12.3	-21.2	=====
		SA SAND REFUSAL
27.3	-36.2	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,292	Northing(NAD83):	13,729,855
Hole Number:	ECP-61-A			Freeboard:	7.58
Time:	12:37			Tide:	0.67
Sounding Depth:	-9.2	Bottom of Probe:	-43.8 ft.	Penetration:	-34.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.1	-21.3	=====	
		CL	SILT/CLAY
15.1	-24.3	=====	BEGIN JET
		SA	SAND
34.6	-43.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,809	Northing(NAD83):	13,730,152
Hole Number:	ECP-62-A			Freeboard:	7.58
Time:	13:22			Tide:	0.57
Sounding Depth:	-9.0	Bottom of Probe:	-44.9 ft.	Penetration:	-35.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.4	-21.4	=====	
		SA	SAND
12.9	-21.9	=====	BEGIN JET
		CL	SILT/CLAY
14.9	-23.9	=====	JET
		CL	SILT/CLAY W/ SHELL
35.9	-44.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY W/ SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,301,803	Northing(NAD83):	13,729,637
Hole Number:	ECP-66-A			Freeboard:	7.58
Time:	13:40			Tide:	0.51
Sounding Depth:	-9.2	Bottom of Probe:	-45.9 ft.	Penetration:	-36.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.7	-20.9	=====	
		CL-SA	SILT/CLAY & SAND
14.2	-23.4	=====	BEGIN JET
		SA-SH	SAND & SHELL
36.7	-45.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,248	Northing(NAD83):	13,729,876
Hole Number:	ECP-67-A			Freeboard:	7.58
Time:	13:49			Tide:	0.5
Sounding Depth:	-9.1	Bottom of Probe:	-39.9 ft.	Penetration:	-30.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-20.9	=====	
		CL-SA	SILT/CLAY & SAND
12.3	-21.4	=====	BEGIN JET
		SA-SH	SAND & SHELL W/ CLAY
30.8	-39.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL W/ CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,684	Northing(NAD83):	13,730,112
Hole Number:	ECP-68-A			Freeboard:	7.58
Time:	13:56			Tide:	0.48
Sounding Depth:	-9.0	Bottom of Probe:	-45.9 ft.	Penetration:	-37.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.0	-20.9	=====	
		SA	SAND
12.5	-21.4	=====	BEGIN JET
		CL	SILT/CLAY W/ SHELL
15.5	-24.4	=====	JET
		CL	SILT/CLAY W/ SHELL
37.0	-45.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,559	Northing(NAD83):	13,730,595
Hole Number:	ECP-69-A			Freeboard:	7.58
Time:	14:05			Tide:	0.49
Sounding Depth:	-8.9	Bottom of Probe:	-46.9 ft.	Penetration:	-38.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.1	-21.9	=====	
		SA-CL	SAND TO SILT/CLAY
13.6	-22.4	=====	BEGIN JET
		SH	SHELL
30.1	-38.9	=====	JET
		SC	SILT/CLAY
38.1	-46.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,006	Northing(NAD83):	13,730,820
Hole Number:	ECP-70-A			Freeboard:	7.58
Time:	14:13			Tide:	0.46
Sounding Depth:	-8.8	Bottom of Probe:	-34. ft.	Penetration:	-37.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.2	-22.0	=====	
		CL	SILT/CLAY
17.2	-26.0	=====	BEGIN JET
		SA	SAND
19.2	-28.0	=====	JET
		SH	SHELL
25.2	-34.0	=====	JET
		CL-SH	SILT/CLAY & SHELL
37.2	-46.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,438	Northing(NAD83):	13,731,063
Hole Number:	ECP-71-A			Freeboard:	7.58
Time:	14:21			Tide:	0.47
Sounding Depth:	-8.6	Bottom of Probe:	-35. ft.	Penetration:	-35.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.8	-22.5	=====	
		CL	SILT/CLAY
16.3	-25.0	=====	BEGIN JET
		SH	SHELL
24.3	-33.0	=====	JET
		CL-SH	SILT/CLAY TO SHELL
26.3	-35.0	=====	JET
		SH	SHELL
35.3	-44.0	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,878	Northing(NAD83):	13,731,296
Hole Number:	ECP-72-A			Freeboard:	7.58
Time:	14:30			Tide:	0.48
Sounding Depth:	-8.5	Bottom of Probe:	-36.9 ft.	Penetration:	-28.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.5	-22.9	=====	
		SA	SAND
15.0	-23.4	=====	BEGIN JET
		SH	SHELL
23.5	-31.9	=====	JET
		SH	SHELL
28.5	-36.9	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,649	Northing(NAD83):	13,731,744
Hole Number:	ECP-80-A			Freeboard:	7.58
Time:	14:40			Tide:	0.5
Sounding Depth:	-8.6	Bottom of Probe:	-45.9 ft.	Penetration:	-37.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.4	=====	
		CL	SILT/CLAY
16.3	-24.9	=====	BEGIN JET
		SA	SAND
18.3	-26.9	=====	JET
		SH-CL	SHELL TO SILT/CLAY
37.3	-45.9	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL TO SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,222	Northing(NAD83):	13,731,508
Hole Number:	ECP-79-A			Freeboard:	7.58
Time:	14:49			Tide:	0.56
Sounding Depth:	-8.7	Bottom of Probe:	-43.4 ft.	Penetration:	-34.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.2	-21.9	=====	
		CL	SILT/CLAY
16.2	-24.9	=====	BEGIN JET
		CL-SH	SILT/CLAY W/ SHELL
34.7	-43.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,933	Northing(NAD83):	13,731,348
Hole Number:	ECP-78-A			Freeboard:	7.58
Time:	14:56			Tide:	0.42
Sounding Depth:	-8.8	Bottom of Probe:	-42. ft.	Penetration:	-33.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.2	-21.0	=====	
		SA	SAND
13.2	-22.0	=====	BEGIN JET
		SA-SH	SAND & SHELL
33.2	-42.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,325	Northing(NAD83):	13,731,025
Hole Number:	ECP-77-A			Freeboard:	7.58
Time:	15:05			Tide:	0.52
Sounding Depth:	-9.0	Bottom of Probe:	-47.4 ft.	Penetration:	-38.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.9	-22.9	=====	
		SA	SAND
15.9	-24.9	=====	BEGIN JET
		CL	SILT/CLAY
38.4	-47.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,881	Northing(NAD83):	13,730,794
Hole Number:	ECP-76-A			Freeboard:	7.58
Time:	15:14			Tide:	0.54
Sounding Depth:	-9.0	Bottom of Probe:	-48.9 ft.	Penetration:	-39.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.9	=====	
		SC	SILT/CLAY
15.8	-24.9	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY W/ SHELL
39.8	-48.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,446	Northing(NAD83):	13,730,556
Hole Number:	ECP-75-A			Freeboard:	7.58
Time:	15:24			Tide:	0.5
Sounding Depth:	-9.1	Bottom of Probe:	-46.9 ft.	Penetration:	-37.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.9	=====	
		SA	SAND
13.3	-22.4	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
16.8	-25.9	=====	JET
		SA-CL	SAND & SILT/CLAY
37.8	-46.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,113	Northing(NAD83):	13,730,383
Hole Number:	ECP-74-A			Freeboard:	7.58
Time:	15:34			Tide:	0.53
Sounding Depth:	-9.2	Bottom of Probe:	-45.9 ft.	Penetration:	-36.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.7	-21.9	=====	
		SA	SAND
13.2	-22.4	=====	BEGIN JET
		SA-SH	SAND & SH
36.7	-45.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SH **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,301,563	Northing(NAD83):	13,730,091
Hole Number:	ECP-73-A			Freeboard:	7.58
Time:	15:42			Tide:	0.53
Sounding Depth:	-9.3	Bottom of Probe:	-45.4 ft.	Penetration:	-36.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.6	-21.9	=====	
		SA-SH	SAND & SHELL
14.6	-23.9	=====	BEGIN JET
		CL	SILT/CLAY
36.1	-45.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,301,318	Northing(NAD83):	13,730,531
Hole Number:	ECP-81-A			Freeboard:	7.58
Time:	15:51			Tide:	0.55
Sounding Depth:	-9.3	Bottom of Probe:	-47.9 ft.	Penetration:	-38.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.6	-22.9	=====	
		SA	SAND
14.6	-23.9	=====	BEGIN JET
		SH	SHELL
28.6	-37.9	=====	JET
		CL	SILT/CLAY
38.6	-47.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,301,763	Northing(NAD83):	13,730,765
Hole Number:	ECP-82-A			Freeboard:	7.58
Time:	16:00			Tide:	0.75
Sounding Depth:	-9.2	Bottom of Probe:	-37.7 ft.	Penetration:	-37.5 ft.

	Elevation	Description / Material
Surveyed ==>	-9.2	=====
Penetration Depth:		WOR SURFICIAL SILT
12.5	-21.7	=====
		SA SAND BEGIN JET
15.5	-24.7	=====
		SH SHELL JET
27.5	-36.7	=====
		SA SAND JET
28.5	-37.7	=====
		SA SAND REFUSAL
37.5	-46.7	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,202	Northing(NAD83):	13,730,998
Hole Number:	ECP-83-A			Freeboard:	7.58
Time:	16:07			Tide:	0.64
Sounding Depth:	-9.0	Bottom of Probe:	-47.8 ft.	Penetration:	-38.8 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
11.8	-20.8	=====
		SA SAND BEGIN JET
12.3	-21.3	=====
		CL SILT/CLAY REFUSAL
38.8	-47.8	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,302,649	Northing(NAD83):	13,731,238
Hole Number:	ECP-84-A			Freeboard:	7.58
Time:	16:15			Tide:	0.56
Sounding Depth:	-8.9	Bottom of Probe:	-50.9 ft.	Penetration:	-42.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.0	-22.9	=====	
		CL	SILT/CLAY
18.0	-26.9	=====	BEGIN JET
		SH	SHELL
29.0	-37.9	=====	JET
		SH	SHELL
42.0	-50.9	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,084	Northing(NAD83):	13,731,475
Hole Number:	ECP-85-A			Freeboard:	7.58
Time:	16:25			Tide:	0.61
Sounding Depth:	-8.8	Bottom of Probe:	-51.8 ft.	Penetration:	-43.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.0	-22.8	=====	
		SA	SAND
15.0	-23.8	=====	BEGIN JET
		SA	SAND
30.0	-38.8	=====	JET
		SA-SH	SAND & SHELL
43.0	-51.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,525	Northing(NAD83):	13,731,714
Hole Number:	ECP-86-A			Freeboard:	7.58
Time:	16:32			Tide:	0.7
Sounding Depth:	-8.8	Bottom of Probe:	-51.7 ft.	Penetration:	-42.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-21.7	=====	
		SA	SAND
13.9	-22.7	=====	BEGIN JET
		SH	SHELL
28.9	-37.7	=====	JET
		SA-SH	SAND & SHELL
42.9	-51.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,303,975	Northing(NAD83):	13,731,965
Hole Number:	ECP-87-A			Freeboard:	7.58
Time:	16:39			Tide:	0.71
Sounding Depth:	-8.7	Bottom of Probe:	-37.7 ft.	Penetration:	-30.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.0	-22.7	=====	
		CL	SILTY/CLAY
15.0	-23.7	=====	BEGIN JET
		SA	SAND
16.0	-24.7	=====	JET
		SH	SHELL
29.0	-37.7	=====	JET
		SH	SHELL
30.5	-39.2	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.16.19	Easting(NAD83):	3,304,417	Northing(NAD83):	13,732,170
Hole Number:	ECP-88-A			Freeboard:	7.58
Time:	16:48			Tide:	0.75
Sounding Depth:	-8.6	Bottom of Probe:	-46.7 ft.	Penetration:	-43.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
13.6	-22.2	=====
		SA SAND BEGIN JET
15.6	-24.2	=====
		SH SHELL JET
27.1	-35.7	=====
		SH SHELL JET
38.1	-46.7	=====
		SA-SH SAND & SHELL REFUSAL
43.1	-51.7	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,094	Northing(NAD83):	13,730,975
Hole Number:	ECP-89-A			Freeboard:	7.58
Time:	8:30			Tide:	2.02
Sounding Depth:	-9.3	Bottom of Probe:	-33.4 ft.	Penetration:	-24.1 ft.

	Elevation	Description / Material
Surveyed ==>	-9.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.1	-20.4	=====
		SA SAND BEGIN JET
14.1	-23.4	=====
		SA SAND REFUSAL
24.1	-33.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,528	Northing(NAD83):	13,731,193
Hole Number:	ECP-90-A			Freeboard:	7.58
Time:	8:45			Tide:	1.98
Sounding Depth:	-9.2	Bottom of Probe:	-46.4 ft.	Penetration:	-37.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.3	-20.4	=====
		CL SILT/CLAY BEGIN JET
20.3	-29.4	=====
		SA SAND REFUSAL
37.3	-46.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,964	Northing(NAD83):	13,731,433
Hole Number:	ECP-91-A			Freeboard:	7.58
Time:	8:55			Tide:	2.01
Sounding Depth:	-9.0	Bottom of Probe:	-48.4 ft.	Penetration:	-39.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.4	-21.4	=====	
		CL	SILT/CLAY
17.9	-26.9	=====	BEGIN JET
		SA	SAND
27.4	-36.4	=====	JET
		CL-SA	SILT/CLAY TO SAND
39.4	-48.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,404	Northing(NAD83):	13,731,668
Hole Number:	ECP-92-A			Freeboard:	7.58
Time:	9:04			Tide:	1.98
Sounding Depth:	-8.9	Bottom of Probe:	-25.4 ft.	Penetration:	-16.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.5	-20.4	=====	
		SA	SAND
12.0	-20.9	=====	BEGIN JET
		SA	SAND
16.5	-25.4	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,865	Northing(NAD83):	13,731,904
Hole Number:	ECP-93-A			Freeboard:	7.58
Time:	9:15			Tide:	1.94
Sounding Depth:	-8.9	Bottom of Probe:	-52.5 ft.	Penetration:	-43.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.6	-20.5	=====	
		CL-SA	SILT/CLAY & SAND BEGIN JET
13.6	-22.5	=====	
		CL	SILT/CLAY REFUSAL
43.6	-52.5	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,290	Northing(NAD83):	13,732,143
Hole Number:	ECP-94-A			Freeboard:	7.58
Time:	9:24			Tide:	1.81
Sounding Depth:	-8.8	Bottom of Probe:	-48.6 ft.	Penetration:	-39.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-20.6	=====	
		SA-SH	SAND W/ SHELL BEGIN JET
12.3	-21.1	=====	
		CL	SILT/CLAY REFUSAL
39.8	-48.6	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,735	Northing(NAD83):	13,732,377
Hole Number:	ECP-95-A			Freeboard:	7.58
Time:	9:34			Tide:	1.89
Sounding Depth:	-8.7	Bottom of Probe:	-50.5 ft.	Penetration:	-41.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.4	-23.0	=====	
		SA-SH	SAND W/ SHELL
14.9	-23.5	=====	BEGIN JET
		CL	SILT/CLAY
41.9	-50.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,304,175	Northing(NAD83):	13,732,618
Hole Number:	ECP-96-A			Freeboard:	7.58
Time:	9:42			Tide:	1.73
Sounding Depth:	-8.6	Bottom of Probe:	-46.7 ft.	Penetration:	-38.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.1	-21.7	=====	
		SA	SAND
14.6	-23.2	=====	BEGIN JET
		CL	SILT/CLAY
38.1	-46.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,300,836	Northing(NAD83):	13,731,401
Hole Number:	ECP-97-A			Freeboard:	7.58
Time:	9:58			Tide:	1.79
Sounding Depth:	-9.2	Bottom of Probe:	-54.6 ft.	Penetration:	-45.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.4	-21.6	=====	
		CL	SILT/CLAY
17.4	-26.6	=====	BEGIN JET
		SH-CL	SHELL TO SILT/CLAY
21.4	-30.6	=====	JET
		CL	SILT/CLAY
45.4	-54.6	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,283	Northing(NAD83):	13,731,624
Hole Number:	ECP-98-A			Freeboard:	7.58
Time:	10:07			Tide:	1.65
Sounding Depth:	-9.1	Bottom of Probe:	-45.8 ft.	Penetration:	-44.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.6	-22.8	=====	
		CL	SILT/CLAY
17.6	-26.8	=====	BEGIN JET
		CL-SH	SILT/CLAY W/ SHELL
25.6	-34.8	=====	JET
		CL-SH	SILT/CLAY W/ SHELL
36.6	-45.8	=====	JET
		CL-SH	SILT/CLAY W/ SHELL
44.6	-53.8	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,729	Northing(NAD83):	13,731,857
Hole Number:	ECP-99-A			Freeboard:	7.58
Time:	10:17			Tide:	1.68
Sounding Depth:	-9.0	Bottom of Probe:	-48.7 ft.	Penetration:	-44.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.3	-21.2	=====	
		CL	SILT/CLAY
18.3	-27.2	=====	BEGIN JET
		SH	SHELL
26.8	-35.7	=====	JET
		SH	SHELL
39.8	-48.7	=====	JET
		SH	SHELL
44.8	-53.7	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,177	Northing(NAD83):	13,732,110
Hole Number:	ECP-100-A			Freeboard:	7.58
Time:	10:24			Tide:	1.7
Sounding Depth:	-8.9	Bottom of Probe:	-22.7 ft.	Penetration:	-13.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.7	=====	
		SA	SAND
13.3	-22.2	=====	BEGIN JET
		SA	SAND
13.8	-22.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,610	Northing(NAD83):	13,732,347
Hole Number:	ECP-101-A			Freeboard:	7.58
Time:	10:30			Tide:	1.64
Sounding Depth:	-8.8	Bottom of Probe:	-22.8 ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.5	-21.3	=====	
		SA	SAND
13.0	-21.8	=====	BEGIN JET
		SA	SAND
14.0	-22.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,051	Northing(NAD83):	13,732,589
Hole Number:	ECP-102-A			Freeboard:	7.58
Time:	10:36			Tide:	1.52
Sounding Depth:	-8.6	Bottom of Probe:	-50.9 ft.	Penetration:	-42.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.4	=====	
		CL	SILT/CLAY
18.3	-26.9	=====	BEGIN JET
		CL-SH	SILT/CLAY W/ SHELL
42.3	-50.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY W/ SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,492	Northing(NAD83):	13,732,822
Hole Number:	ECP-103-A			Freeboard:	7.58
Time:	10:45			Tide:	1.62
Sounding Depth:	-8.6	Bottom of Probe:	-39.3 ft.	Penetration:	-30.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
15.2	-23.8	=====
		SA SAND BEGIN JET
17.2	-25.8	=====
		SA-SH SAND W/ SHELL REFUSAL
30.7	-39.3	=====

Character of Finish: REFUSAL IN SAND W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,439	Northing(NAD83):	13,732,282
Hole Number:	ECP-105-A			Freeboard:	7.58
Time:	11:01			Tide:	1.55
Sounding Depth:	-9.1	Bottom of Probe:	-21.4 ft.	Penetration:	-12.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		WOR SURFICIAL SILT
11.8	-20.9	=====
		SA SAND BEGIN JET
12.0	-21.1	=====
		SA SAND REFUSAL
12.3	-21.4	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,933	Northing(NAD83):	13,732,545
Hole Number:	ECP-106-A			Freeboard:	7.58
Time:	11:10			Tide:	1.51
Sounding Depth:	-8.9	Bottom of Probe:	-33.9 ft.	Penetration:	-25.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.0	-20.9	=====	
		SA	SAND
12.5	-21.4	=====	BEGIN JET
		CL	SILT/CLAY
14.0	-22.9	=====	JET
		CL	SILT/CLAY
25.0	-33.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	7	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,381	Northing(NAD83):	13,732,787
Hole Number:	ECP-107-A			Freeboard:	7.58
Time:	11:18			Tide:	1.47
Sounding Depth:	-8.8	Bottom of Probe:	-46. ft.	Penetration:	-37.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.2	-20.0	=====	
		SA	SAND
12.7	-21.5	=====	BEGIN JET
		CL	SILT/CLAY
14.2	-23.0	=====	JET
		CL	SILT/CLAY
37.2	-46.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,820	Northing(NAD83):	13,733,006
Hole Number:	ECP-108-A			Freeboard:	7.58
Time:	11:31			Tide:	1.49
Sounding Depth:	-8.7	Bottom of Probe:	-36.9 ft.	Penetration:	-42.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.3	-20.9	=====	
		SA	SAND
12.8	-21.4	=====	BEGIN JET
		SH	SHELL
26.3	-34.9	=====	JET
		CL-SH	SILT/CLAY W/ SHELL
28.3	-36.9	=====	JET
		CL	SILT/CLAY
42.3	-50.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,260	Northing(NAD83):	13,733,269
Hole Number:	ECP-109-A			Freeboard:	7.58
Time:	11:40			Tide:	1.42
Sounding Depth:	-8.6	Bottom of Probe:	-49. ft.	Penetration:	-40.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.4	-22.0	=====	
		CL-SH	SILT/CLAY W/ SHELL
14.9	-23.5	=====	BEGIN JET
		CL-SH	SILT/CLAY W/ SHELL
40.4	-49.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,696	Northing(NAD83):	13,733,500
Hole Number:	ECP-110-A			Freeboard:	7.58
Time:	11:55			Tide:	1.5
Sounding Depth:	-8.6	Bottom of Probe:	-51.9 ft.	Penetration:	-43.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-21.4	=====	
		SA	SAND
13.8	-22.4	=====	BEGIN JET
		CL	SILT/CLAY
43.3	-51.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,301,694	Northing(NAD83):	13,732,988
Hole Number:	ECP-111-A			Freeboard:	7.58
Time:	12:13			Tide:	1.38
Sounding Depth:	-8.9	Bottom of Probe:	-51. ft.	Penetration:	-42.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.7	-24.5	=====	
		CL	SILT/CLAY
19.7	-28.5	=====	BEGIN JET
		SH	SHELL
40.2	-49.0	=====	JET
		CL-SH	SILT/CLAY W/ SHELL
42.2	-51.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY W/ SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,133	Northing(NAD83):	13,733,219
Hole Number:	ECP-112-A			Freeboard:	7.58
Time:	12:18			Tide:	1.22
Sounding Depth:	-8.8	Bottom of Probe:	-45.2 ft.	Penetration:	-36.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-21.7	=====	
		SA	SAND BEGIN JET
13.4	-22.2	=====	
		CL	SILT/CLAY REFUSAL
36.4	-45.2	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,302,585	Northing(NAD83):	13,733,464
Hole Number:	ECP-113-A			Freeboard:	7.58
Time:	12:24			Tide:	1.28
Sounding Depth:	-8.8	Bottom of Probe:	-39.1 ft.	Penetration:	-39.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-21.6	=====	
		SA	SAND BEGIN JET
13.4	-22.1	=====	
		SH	SHELL JET
29.4	-38.1	=====	
		CL	SILT/CLAY JET
30.4	-39.1	=====	
		CL	SILT/CLAY REFUSAL
39.4	-48.1	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,020	Northing(NAD83):	13,733,699
Hole Number:	ECP-114-A			Freeboard:	7.58
Time:	12:31			Tide:	1.22
Sounding Depth:	-8.6	Bottom of Probe:	-44.2 ft.	Penetration:	-35.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
14.1	-22.7	=====
		SA SAND BEGIN JET
14.6	-23.2	=====
		SA SAND REFUSAL
35.6	-44.2	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	LONG BIRD ISLAND	Engineer:	JRB/JWB/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.17.19	Easting(NAD83):	3,303,471	Northing(NAD83):	13,733,928
Hole Number:	ECP-115-A			Freeboard:	7.58
Time:	12:38			Tide:	1.21
Sounding Depth:	-8.5	Bottom of Probe:	-42.7 ft.	Penetration:	-34.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
12.7	-21.2	=====
		SA SAND BEGIN JET
15.7	-24.2	=====
		SA SAND REFUSAL
34.2	-42.7	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW



BIRD ISLAND MARSH PROBING COORDINATES (SHEET 1 OF 3)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-373-A	13,788,393.85	3,274,581.42	ECP-161-A	13,796,858.47	3,273,448.59
ECP-372-A	13,788,829.43	3,274,348.29	ECP-162-A	13,797,089.64	3,273,885.84
ECP-347-A	13,789,217.73	3,274,159.77	ECP-163-A	13,797,329.92	3,274,329.15
ECP-346-A	13,789,577.10	3,273,659.68	ECP-164-A	13,797,562.16	3,274,773.03
ECP-212-A	13,793,668.71	3,271,747.26	ECP-165-A	13,797,788.81	3,275,211.04
ECP-211-A	13,794,105.43	3,271,522.20	ECP-166-A	13,798,034.08	3,275,650.04
ECP-183-A	13,794,540.31	3,271,285.35	ECP-167-A	13,798,265.16	3,276,092.11
ECP-182-A	13,794,982.28	3,271,042.92	ECP-168-A	13,798,512.64	3,276,535.38
ECP-156-A	13,795,436.31	3,270,814.58	ECP-170-A	13,798,305.08	3,277,213.12
ECP-155-A	13,795,859.59	3,270,573.93	ECP-171-A	13,798,076.61	3,276,771.68
ECP-130-A	13,796,294.87	3,270,332.68	ECP-172-A	13,797,607.22	3,275,889.41
ECP-131-A	13,796,554.19	3,270,780.54	ECP-173-A	13,797,366.26	3,275,436.53
ECP-132-A	13,796,788.47	3,271,219.15	ECP-174-A	13,797,122.37	3,275,009.86
ECP-142-A	13,799,149.16	3,275,616.42	ECP-175-A	13,796,887.10	3,274,571.18
ECP-143-A	13,798,956.84	3,276,292.31	ECP-176-A	13,796,659.58	3,274,121.17
ECP-169-A	13,798,745.27	3,276,971.64	ECP-177-A	13,796,409.69	3,273,694.34
ECP-385-A	13,791,699.71	3,280,760.93	ECP-178-A	13,796,085.86	3,273,086.10
ECP-386-A	13,791,258.12	3,281,004.72	ECP-179-A	13,795,941.62	3,272,810.56
ECP-387-A	13,791,026.41	3,280,557.75	ECP-180-A	13,795,715.28	3,272,376.68
ECP-270-A	13,793,801.87	3,276,224.89	ECP-181-A	13,795,467.72	3,271,930.15
ECP-256-A	13,794,008.79	3,275,551.42	ECP-184-A	13,794,807.00	3,271,742.88
ECP-241-A	13,794,210.08	3,274,872.98	ECP-185-A	13,795,027.82	3,272,163.48
ECP-133-A	13,797,018.34	3,271,653.87	ECP-186-A	13,795,254.38	3,272,603.40
ECP-134-A	13,797,257.16	3,272,098.54	ECP-187-A	13,795,490.33	3,273,043.18
ECP-135-A	13,797,482.07	3,272,538.45	ECP-188-A	13,795,727.97	3,273,493.65
ECP-136-A	13,797,729.72	3,272,972.83	ECP-189-A	13,796,003.31	3,273,973.91
ECP-137-A	13,797,960.71	3,273,417.93	ECP-190-A	13,796,209.94	3,274,366.29
ECP-138-A	13,798,209.91	3,273,869.60	ECP-191-A	13,796,440.53	3,274,805.74
ECP-139-A	13,798,438.57	3,274,301.73	ECP-192-A	13,796,676.05	3,275,245.07
ECP-140-A	13,798,675.78	3,274,747.17	ECP-193-A	13,796,816.58	3,275,505.08
ECP-141-A	13,798,912.59	3,275,170.30	ECP-194-A	13,797,151.46	3,276,131.66
ECP-144-A	13,798,707.78	3,275,863.53	ECP-195-A	13,797,382.80	3,276,563.67
ECP-145-A	13,798,478.33	3,275,403.65	ECP-196-A	13,797,620.92	3,277,004.75
ECP-146-A	13,798,246.43	3,274,970.65	ECP-197-A	13,797,859.70	3,277,439.16
ECP-147-A	13,797,994.61	3,274,522.65	ECP-198-A	13,797,191.70	3,277,245.23
ECP-148-A	13,797,763.59	3,274,091.21	ECP-199-A	13,796,956.34	3,276,801.10
ECP-149-A	13,797,530.22	3,273,649.64	ECP-200-A	13,796,723.64	3,276,357.99
ECP-150-A	13,797,293.73	3,273,214.68	ECP-201-A	13,796,475.89	3,275,915.07
ECP-151-A	13,797,057.13	3,272,771.43	ECP-202-A	13,796,238.09	3,275,480.48
ECP-152-A	13,796,815.62	3,272,335.55	ECP-203-A	13,796,002.14	3,275,045.21
ECP-153-A	13,796,340.09	3,271,447.43	ECP-204-A	13,795,763.62	3,274,601.51
ECP-154-A	13,796,106.35	3,271,002.81	ECP-205-A	13,795,529.37	3,274,152.90
ECP-157-A	13,795,678.87	3,271,252.29	ECP-206-A	13,795,292.06	3,273,720.74
ECP-158-A	13,795,903.95	3,271,681.07	ECP-207-A	13,795,049.56	3,273,274.13
ECP-159-A	13,796,459.11	3,272,713.46	ECP-208-A	13,794,815.64	3,272,838.56
ECP-160-A	13,796,627.16	3,273,017.71	ECP-209-A	13,794,579.13	3,272,389.93

BIRD ISLAND MARSH PROBING COORDINATES (SHEET 2 OF 3)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-209-A	13,794,579.13	3,272,389.93	ECP-266-A	13,792,861.06	3,274,459.53
ECP-210-A	13,794,342.36	3,271,954.12	ECP-259-A	13,793,283.05	3,274,234.75
ECP-236-A	13,793,473.06	3,272,424.10	ECP-239-A	13,793,727.55	3,273,996.72
ECP-237-A	13,793,025.36	3,272,676.52	ECP-234-A	13,794,174.43	3,273,756.94
ECP-262-A	13,792,587.31	3,272,897.88	ECP-215-A	13,794,617.16	3,273,522.19
ECP-263-A	13,792,143.37	3,273,143.33	ECP-216-A	13,794,852.62	3,273,960.21
ECP-290-A	13,791,702.96	3,273,380.80	ECP-233-A	13,794,415.19	3,274,185.68
ECP-291-A	13,791,269.18	3,273,614.85	ECP-240-A	13,793,970.01	3,274,434.94
ECP-318-A	13,790,829.71	3,273,858.04	ECP-258-A	13,793,528.93	3,274,670.27
ECP-319-A	13,790,378.56	3,274,100.03	ECP-267-A	13,793,086.62	3,274,902.55
ECP-345-A	13,789,970.28	3,274,373.02	ECP-314-A	13,791,772.39	3,275,613.76
ECP-348-A	13,789,381.25	3,274,415.83	ECP-323-A	13,791,334.34	3,275,845.18
ECP-374-A	13,788,639.43	3,275,030.07	ECP-341-A	13,790,893.52	3,276,084.95
ECP-397-A	13,788,199.89	3,275,274.35	ECP-351-A	13,790,457.92	3,276,330.46
ECP-396-A	13,788,368.67	3,275,644.73	ECP-369-A	13,790,009.86	3,276,564.22
ECP-375-A	13,788,941.96	3,275,601.34	ECP-378-A	13,789,551.15	3,276,778.83
ECP-371-A	13,789,298.01	3,275,357.30	ECP-368-A	13,790,244.55	3,277,010.51
ECP-349-A	13,789,701.76	3,274,935.36	ECP-352-A	13,790,683.47	3,276,778.88
ECP-344-A	13,790,192.63	3,274,772.37	ECP-340-A	13,791,127.06	3,276,529.31
ECP-320-A	13,790,614.88	3,274,542.63	ECP-324-A	13,791,556.70	3,276,298.13
ECP-317-A	13,791,062.72	3,274,294.38	ECP-313-A	13,792,004.91	3,276,062.14
ECP-292-A	13,791,491.13	3,274,060.23	ECP-296-A	13,792,443.91	3,275,831.41
ECP-289-A	13,791,949.31	3,273,817.91	ECP-295-A	13,792,202.56	3,275,392.03
ECP-264-A	13,792,377.86	3,273,579.87	ECP-286-A	13,792,650.04	3,275,146.80
ECP-261-A	13,792,831.73	3,273,350.82	ECP-285-A	13,792,879.38	3,275,583.97
ECP-238-A	13,793,253.27	3,273,112.27	ECP-268-A	13,793,317.04	3,275,348.68
ECP-235-A	13,793,692.41	3,272,863.47	ECP-257-A	13,793,748.46	3,275,110.39
ECP-213-A	13,794,139.82	3,272,638.53	ECP-232-A	13,794,655.41	3,274,647.34
ECP-214-A	13,794,376.47	3,273,074.63	ECP-217-A	13,795,073.14	3,274,405.54
ECP-260-A	13,793,053.79	3,273,792.16	ECP-218-A	13,795,333.77	3,274,838.72
ECP-265-A	13,792,616.52	3,274,028.50	ECP-231-A	13,794,889.51	3,275,082.02
ECP-288-A	13,792,171.06	3,274,251.98	ECP-242-A	13,794,450.22	3,275,311.57
ECP-293-A	13,791,731.41	3,274,497.89	ECP-269-A	13,793,565.86	3,275,774.63
ECP-316-A	13,791,294.06	3,274,719.51	ECP-284-A	13,793,117.63	3,276,033.60
ECP-321-A	13,790,862.75	3,274,974.25	ECP-297-A	13,792,675.91	3,276,255.18
ECP-343-A	13,790,408.04	3,275,211.09	ECP-312-A	13,792,192.15	3,276,439.64
ECP-376-A	13,789,090.05	3,275,932.93	ECP-339-A	13,791,396.38	3,277,036.33
ECP-395-A	13,788,659.27	3,276,146.71	ECP-353-A	13,790,919.75	3,277,215.25
ECP-394-A	13,788,890.91	3,276,587.92	ECP-367-A	13,790,475.63	3,277,440.43
ECP-393-A	13,789,042.23	3,276,862.09	ECP-379-A	13,790,039.23	3,277,687.78
ECP-377-A	13,789,330.14	3,276,356.64	ECP-392-A	13,789,608.61	3,277,928.88
ECP-370-A	13,789,770.31	3,276,128.86	ECP-391-A	13,789,833.96	3,278,363.32
ECP-350-A	13,790,210.46	3,275,891.97	ECP-380-A	13,790,287.23	3,278,133.17
ECP-342-A	13,790,648.42	3,275,653.91	ECP-366-A	13,790,720.63	3,277,898.44
ECP-322-A	13,791,082.22	3,275,411.63	ECP-354-A	13,791,165.28	3,277,654.56
ECP-315-A	13,791,525.66	3,275,181.14	ECP-338-A	13,791,603.42	3,277,419.63
ECP-294-A	13,791,964.14	3,274,941.72	ECP-325-A	13,792,050.17	3,277,181.18
ECP-287-A	13,792,409.80	3,274,700.42	ECP-311-A	13,792,502.72	3,276,979.85

BIRD ISLAND MARSH PROBING COORDINATES (SHEET 3 OF 3)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-298-A	13,792,925.55	3,276,714.88	ECP-308-A	13,793,222.06	3,278,339.40
ECP-283-A	13,793,362.07	3,276,477.61	ECP-309-A	13,792,957.48	3,277,815.91
ECP-255-A	13,794,240.37	3,275,987.76	ECP-310-A	13,792,735.42	3,277,374.13
ECP-243-A	13,794,687.21	3,275,759.21	ECP-326-A	13,792,279.99	3,277,624.19
ECP-230-A	13,795,116.71	3,275,513.48	ECP-337-A	13,791,832.16	3,277,844.30
ECP-219-A	13,795,809.21	3,275,726.85	ECP-355-A	13,791,412.08	3,278,080.13
ECP-229-A	13,795,366.64	3,275,947.72	ECP-365-A	13,790,967.75	3,278,333.98
ECP-244-A	13,794,919.36	3,276,201.26	ECP-381-A	13,790,522.07	3,278,559.07
ECP-254-A	13,794,424.90	3,276,309.66	ECP-390-A	13,790,307.63	3,279,237.53
ECP-271-A	13,793,955.09	3,276,516.05	ECP-382-A	13,790,762.98	3,279,015.68
ECP-220-A	13,796,040.71	3,276,152.79	ECP-364-A	13,791,203.49	3,278,771.03
ECP-221-A	13,796,265.72	3,276,596.82	ECP-356-A	13,791,642.16	3,278,523.96
ECP-222-A	13,796,501.59	3,277,039.38	ECP-336-A	13,792,083.22	3,278,290.74
ECP-223-A	13,796,732.41	3,277,482.98	ECP-327-A	13,792,513.42	3,278,051.48
ECP-224-A	13,796,517.66	3,278,161.78	ECP-328-A	13,792,757.99	3,278,489.12
ECP-225-A	13,796,300.48	3,277,722.94	ECP-335-A	13,792,302.97	3,278,721.71
ECP-226-A	13,796,059.63	3,277,274.17	ECP-357-A	13,791,864.43	3,278,963.54
ECP-227-A	13,795,843.48	3,276,833.29	ECP-363-A	13,791,419.75	3,279,203.07
ECP-228-A	13,795,602.45	3,276,387.37	ECP-383-A	13,790,989.15	3,279,431.24
ECP-245-A	13,795,155.23	3,276,631.92	ECP-389-A	13,790,560.89	3,279,688.03
ECP-246-A	13,795,394.94	3,277,065.35	ECP-388-A	13,790,750.28	3,280,047.25
ECP-247-A	13,795,616.91	3,277,518.80	ECP-384-A	13,791,216.61	3,279,861.39
ECP-248-A	13,795,853.86	3,277,952.68	ECP-362-A	13,791,680.31	3,279,653.29
ECP-249-A	13,796,112.77	3,278,398.76	ECP-358-A	13,792,120.65	3,279,418.71
ECP-250-A	13,795,659.78	3,278,637.98	ECP-334-A	13,792,561.07	3,279,181.48
ECP-251-A	13,795,413.87	3,278,198.42	ECP-329-A	13,792,991.59	3,278,953.70
ECP-252-A	13,795,254.83	3,277,874.95	ECP-331-A	13,793,459.48	3,279,803.42
ECP-253-A	13,794,724.60	3,276,863.68	ECP-332-A	13,793,013.89	3,280,040.51
ECP-272-A	13,794,277.65	3,277,110.11	ECP-360-A	13,792,581.07	3,280,289.80
ECP-273-A	13,794,517.19	3,277,542.18	ECP-361-A	13,791,906.65	3,280,090.90
ECP-274-A	13,794,737.25	3,277,980.37	ECP-359-A	13,792,341.33	3,279,863.20
ECP-275-A	13,794,984.17	3,278,432.07	ECP-333-A	13,792,793.44	3,279,619.46
ECP-276-A	13,795,234.53	3,278,870.72	ECP-330-A	13,793,214.29	3,279,385.66
ECP-277-A	13,794,794.19	3,279,095.28			
ECP-278-A	13,794,549.41	3,278,661.88			
ECP-279-A	13,794,373.74	3,278,344.30			
ECP-280-A	13,794,081.25	3,277,774.51			
ECP-281-A	13,793,822.13	3,277,347.36			
ECP-282-A	13,793,607.48	3,276,901.91			
ECP-299-A	13,793,160.90	3,277,153.46			
ECP-300-A	13,793,409.54	3,277,573.97			
ECP-301-A	13,793,632.49	3,278,018.35			
ECP-302-A	13,793,873.87	3,278,470.13			
ECP-303-A	13,794,117.78	3,278,892.62			
ECP-304-A	13,794,355.96	3,279,331.85			
ECP-305-A	13,793,911.59	3,279,580.20			
ECP-306-A	13,793,682.38	3,279,140.14			
ECP-307-A	13,793,442.93	3,278,694.30			

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,581	Northing(NAD83):	13,788,394
Hole Number:	ECP-373-A			Freeboard:	7.58
Time:	9:14			Tide:	1.24
Sounding Depth:	-10.3	Bottom of Probe:	-26.2 ft.	Penetration:	-15.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
9.9	-20.2	=====
		SA SAND BEGIN JET
14.9	-25.2	=====
		SA SAND REFUSAL
15.9	-26.2	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,348	Northing(NAD83):	13,788,829
Hole Number:	ECP-372-A			Freeboard:	7.58
Time:	9:24			Tide:	1.33
Sounding Depth:	-10.2	Bottom of Probe:	-26.6 ft.	Penetration:	-16.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.4	-21.6	=====
		SA SAND BEGIN JET
13.9	-24.1	=====
		SA SAND REFUSAL
16.4	-26.6	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,160	Northing(NAD83):	13,789,218
Hole Number:	ECP-347-A			Freeboard:	7.58
Time:	9:41			Tide:	1.18
Sounding Depth:	-10.3	Bottom of Probe:	-27.2 ft.	Penetration:	-16.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.9	-16.2	=====	
		SA	SAND
6.4	-16.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
16.9	-27.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,273,660	Northing(NAD83):	13,789,577
Hole Number:	ECP-346-A			Freeboard:	7.58
Time:	9:53			Tide:	1.22
Sounding Depth:	-10.3	Bottom of Probe:	-27.2 ft.	Penetration:	-17.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.0	-16.2	=====	
		SA-CL	SAND & SILT/CLAY
12.0	-22.2	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
17.0	-27.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,747	Northing(NAD83):	13,793,669
Hole Number:	ECP-212-A			Freeboard:	7.58
Time:	10:13			Tide:	1.15
Sounding Depth:	-9.9	Bottom of Probe:	-26.3 ft.	Penetration:	-16.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.9	-20.8	=====	
		SA-CL	SAND & SILT/CLAY
11.4	-21.3	=====	BEGIN JET
		SA	SAND
14.4	-24.3	=====	JET
		SA	SAND
16.4	-26.3	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,522	Northing(NAD83):	13,794,105
Hole Number:	ECP-211-A			Freeboard:	7.58
Time:	10:21			Tide:	1.15
Sounding Depth:	-9.7	Bottom of Probe:	-25.8 ft.	Penetration:	-16.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.1	-20.8	=====	
		SA	SAND
12.1	-21.8	=====	BEGIN JET
		SA	SAND
16.1	-25.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,285	Northing(NAD83):	13,794,540
Hole Number:	ECP-183-A			Freeboard:	7.58
Time:	10:28			Tide:	1.15
Sounding Depth:	-9.8	Bottom of Probe:	-26.3 ft.	Penetration:	-16.5 ft.

	Elevation	Description / Material
Surveyed ==>	-9.8	=====
Penetration Depth:		WOR SURFICIAL SILT
11.5	-21.3	=====
		SA SAND BEGIN JET
13.0	-22.8	=====
		SA-CL SAND & SILT/CLAY REFUSAL
16.5	-26.3	=====

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,043	Northing(NAD83):	13,794,982
Hole Number:	ECP-182-A			Freeboard:	7.58
Time:	10:35			Tide:	1.11
Sounding Depth:	-9.8	Bottom of Probe:	-22.8 ft.	Penetration:	-13.1 ft.

	Elevation	Description / Material
Surveyed ==>	-9.8	=====
Penetration Depth:		WOR SURFICIAL SILT
11.6	-21.3	=====
		SA SAND BEGIN JET
12.6	-22.3	=====
		SA SAND REFUSAL
13.1	-22.8	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,270,815	Northing(NAD83):	13,795,436
Hole Number:	ECP-156-A			Freeboard:	7.58
Time:	10:42			Tide:	1.18
Sounding Depth:	-9.7	Bottom of Probe:	-23.7 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material
Surveyed ==>	-9.7	=====
Penetration Depth:		WOR SURFICIAL SILT
12.6	-22.2	=====
		SA SAND BEGIN JET
13.6	-23.2	=====
		SA-SH SAND & SHELL REFUSAL
14.1	-23.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,270,574	Northing(NAD83):	13,795,860
Hole Number:	ECP-155-A			Freeboard:	7.58
Time:	10:47			Tide:	1.18
Sounding Depth:	-9.5	Bottom of Probe:	-25.7 ft.	Penetration:	-16.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.5	=====
Penetration Depth:		WOR SURFICIAL SILT
13.8	-23.2	=====
		SA SAND BEGIN JET
14.8	-24.2	=====
		SA-SH SAND & SHELL REFUSAL
16.3	-25.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,270,333	Northing(NAD83):	13,796,295
Hole Number:	ECP-130-A			Freeboard:	7.58
Time:	10:53			Tide:	1.14
Sounding Depth:	-9.7	Bottom of Probe:	-29.3 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.5	-25.3	=====	
		CL	SILT/CLAY
18.5	-28.3	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
19.5	-29.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,270,781	Northing(NAD83):	13,796,554
Hole Number:	ECP-131-A			Freeboard:	7.58
Time:	11:01			Tide:	1.06
Sounding Depth:	-9.8	Bottom of Probe:	-28.4 ft.	Penetration:	-18.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.6	-24.4	=====	
		CL	SILT/CLAY
17.6	-27.4	=====	BEGIN JET
		CL-SA	SILT/CLAY
18.6	-28.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,219	Northing(NAD83):	13,796,788
Hole Number:	ECP-132-A			Freeboard:	7.58
Time:	11:15			Tide:	1.07
Sounding Depth:	-9.9	Bottom of Probe:	-28.4 ft.	Penetration:	-18.5 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
14.0	-23.9	=====
		SA SAND BEGIN JET
17.5	-27.4	=====
		SA SAND REFUSAL
18.5	-28.4	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,275,616	Northing(NAD83):	13,799,149
Hole Number:	ECP-142-A			Freeboard:	7.58
Time:	11:34			Tide:	0.93
Sounding Depth:	-10.2	Bottom of Probe:	-20.5 ft.	Penetration:	-10.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
6.8	-17.0	=====
		SA SAND BEGIN JET
9.8	-20.0	=====
		CL-SA SILT/CLAY REFUSAL
10.3	-20.5	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,276,292	Northing(NAD83):	13,798,957
Hole Number:	ECP-143-A			Freeboard:	7.58
Time:	11:45			Tide:	0.91
Sounding Depth:	-10.1	Bottom of Probe:	-21.5 ft.	Penetration:	-11.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
8.5	-18.5	=====
		SA SAND BEGIN JET
9.5	-19.5	=====
		SA SAND REFUSAL
11.5	-21.5	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,276,972	Northing(NAD83):	13,798,745
Hole Number:	ECP-169-A			Freeboard:	7.58
Time:	11:54			Tide:	0.89
Sounding Depth:	-10.1	Bottom of Probe:	-24. ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
9.0	-19.0	=====
		SA SAND BEGIN JET
12.0	-22.0	=====
		SA SAND REFUSAL
14.0	-24.0	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,280,761	Northing(NAD83):	13,791,700
Hole Number:	ECP-385-A			Freeboard:	7.58
Time:	12:20			Tide:	0.84
Sounding Depth:	-10.2	Bottom of Probe:	-29.6 ft.	Penetration:	-19.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.9	-25.1	=====	
		CL	SILT/CLAY
17.4	-27.6	=====	BEGIN JET
		SA	SAND
19.4	-29.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,281,005	Northing(NAD83):	13,791,258
Hole Number:	ECP-386-A			Freeboard:	7.58
Time:	12:29			Tide:	0.85
Sounding Depth:	-10.1	Bottom of Probe:	-30.6 ft.	Penetration:	-20.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
16.0	-26.1	=====	
		SA	SAND
17.5	-27.6	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
20.5	-30.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,280,558	Northing(NAD83):	13,791,026
Hole Number:	ECP-387-A			Freeboard:	7.58
Time:	12:41			Tide:	0.76
Sounding Depth:	-10.1	Bottom of Probe:	-31.7 ft.	Penetration:	-21.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
16.1	-26.2	=====	
		CL-SA	SILT/CLAY TO SAND
20.1	-30.2	=====	BEGIN JET
		CL	SILT/CLAY
21.6	-31.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,276,225	Northing(NAD83):	13,793,802
Hole Number:	ECP-270-A			Freeboard:	7.58
Time:	13:00			Tide:	0.69
Sounding Depth:	-10.0	Bottom of Probe:	-25.7 ft.	Penetration:	-15.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.8	-20.7	=====	
		CL	SILT/CLAY
13.8	-23.7	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
15.8	-25.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,275,551	Northing(NAD83):	13,794,009
Hole Number:	ECP-256-A			Freeboard:	7.58
Time:	13:09			Tide:	0.68
Sounding Depth:	-10.2	Bottom of Probe:	-22.7 ft.	Penetration:	-12.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.6	-19.7	=====	
		SA-CL	SAND TO SILT/CLAY
12.1	-22.2	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
12.6	-22.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,873	Northing(NAD83):	13,794,210
Hole Number:	ECP-241-A			Freeboard:	7.58
Time:	13:17			Tide:	0.71
Sounding Depth:	-10.1	Bottom of Probe:	-21.7 ft.	Penetration:	-11.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.2	-18.2	=====	
		SA-CL	SAND & SILT/CLAY
10.7	-20.7	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
11.7	-21.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,271,654	Northing(NAD83):	13,797,018
Hole Number:	ECP-133-A			Freeboard:	7.58
Time:	14:03			Tide:	0.58
Sounding Depth:	-9.8	Bottom of Probe:	-27.8 ft.	Penetration:	-18.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.1	-22.8	=====	
		CL	SILT/CLAY
15.6	-25.3	=====	BEGIN JET
		CL	SILT/CLAY
18.1	-27.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,272,099	Northing(NAD83):	13,797,257
Hole Number:	ECP-134-A			Freeboard:	7.58
Time:	14:12			Tide:	0.55
Sounding Depth:	-9.9	Bottom of Probe:	-24.4 ft.	Penetration:	-14.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.5	-20.4	=====	
		CL	SILT/CLAY
14.5	-24.4	=====	BEGIN JET
		CL	SILT/CLAY
14.5	-24.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,272,538	Northing(NAD83):	13,797,482
Hole Number:	ECP-135-A			Freeboard:	7.58
Time:	14:21			Tide:	0.37
Sounding Depth:	-9.9	Bottom of Probe:	-26.1 ft.	Penetration:	-16.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.7	-19.6	=====	
		CL	SILT/CLAY
13.7	-23.6	=====	BEGIN JET
		CL	SILT/CLAY
16.2	-26.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,272,973	Northing(NAD83):	13,797,730
Hole Number:	ECP-136-A			Freeboard:	7.58
Time:	14:31			Tide:	0.4
Sounding Depth:	-10.0	Bottom of Probe:	-26. ft.	Penetration:	-16.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.1	-19.0	=====	
		CL-SA	SILT/CLAY & SAND
11.1	-21.0	=====	BEGIN JET
		CL	SILT/CLAY
16.1	-26.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,273,418	Northing(NAD83):	13,797,961
Hole Number:	ECP-137-A			Freeboard:	7.58
Time:	14:39			Tide:	0.4
Sounding Depth:	-10.1	Bottom of Probe:	-23. ft.	Penetration:	-12.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
7.9	-18.0	=====
		SA SAND BEGIN JET
8.9	-19.0	=====
		SA-CL SAND TO SILT/CLAY REFUSAL
12.9	-23.0	=====

Character of Finish: REFUSAL IN SAND TO SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,273,870	Northing(NAD83):	13,798,210
Hole Number:	ECP-138-A			Freeboard:	7.58
Time:	14:45			Tide:	0.44
Sounding Depth:	-10.1	Bottom of Probe:	-21. ft.	Penetration:	-10.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
9.9	-20.0	=====
		CL SILT/CLAY BEGIN JET
10.4	-20.5	=====
		CL SILT/CLAY REFUSAL
10.9	-21.0	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,302	Northing(NAD83):	13,798,439
Hole Number:	ECP-139-A			Freeboard:	7.58
Time:	15:14			Tide:	0.23
Sounding Depth:	-10.1	Bottom of Probe:	-22.2 ft.	Penetration:	-12.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-16.7	=====	
		CL	SILT/CLAY
8.1	-18.2	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
12.1	-22.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,747	Northing(NAD83):	13,798,676
Hole Number:	ECP-140-A			Freeboard:	7.58
Time:	15:20			Tide:	0.41
Sounding Depth:	-10.0	Bottom of Probe:	-26. ft.	Penetration:	-16.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.0	-17.0	=====	
		CL	SILT/CLAY
11.0	-21.0	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
16.0	-26.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,275,170	Northing(NAD83):	13,798,913
Hole Number:	ECP-141-A			Freeboard:	7.58
Time:	15:27			Tide:	0.3
Sounding Depth:	-10.1	Bottom of Probe:	-25.1 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-16.6	=====	
		CL-SH	SILT/CLAY & SHELL
11.1	-21.1	=====	BEGIN JET
		CL	SILT/CLAY
15.1	-25.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,275,864	Northing(NAD83):	13,798,708
Hole Number:	ECP-144-A			Freeboard:	7.58
Time:	15:35			Tide:	0.28
Sounding Depth:	-10.1	Bottom of Probe:	-26.1 ft.	Penetration:	-16.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-16.6	=====	
		CL-SH	SILT/CLAY & SHELL
11.1	-21.1	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
16.1	-26.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,275,404	Northing(NAD83):	13,798,478
Hole Number:	ECP-145-A			Freeboard:	7.58
Time:	15:47			Tide:	0.29
Sounding Depth:	-10.0	Bottom of Probe:	-24.1 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.1	-17.1	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
10.1	-20.1	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
14.1	-24.1	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,971	Northing(NAD83):	13,798,246
Hole Number:	ECP-146-A			Freeboard:	7.58
Time:	15:53			Tide:	0.23
Sounding Depth:	-10.1	Bottom of Probe:	-25.2 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.1	-17.2	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
11.1	-21.2	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
15.1	-25.2	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.18.19	Easting(NAD83):	3,274,523	Northing(NAD83):	13,797,995
Hole Number:	ECP-147-A			Freeboard:	7.58
Time:	15:59			Tide:	0.22
Sounding Depth:	-10.0	Bottom of Probe:	-24.2 ft.	Penetration:	-14.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.3	-15.2	=====	
		SH SHELL	
7.3	-17.2	=====	
		CL SILT/CLAY	BEGIN JET
10.3	-20.2	=====	
		CL SILT/CLAY	REFUSAL
14.3	-24.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,091	Northing(NAD83):	13,797,764
Hole Number:	ECP-148-A			Freeboard:	7.58
Time:	9:02			Tide:	1.06
Sounding Depth:	-9.9	Bottom of Probe:	-24.4 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.4	=====	
		CL	SILT/CLAY
8.4	-18.4	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,650	Northing(NAD83):	13,797,530
Hole Number:	ECP-149-A			Freeboard:	7.58
Time:	9:09			Tide:	1.01
Sounding Depth:	-10.0	Bottom of Probe:	-23.9 ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.5	-17.4	=====	
		CL	SILT/CLAY
12.0	-21.9	=====	BEGIN JET
		CL	SILT/CLAY
14.0	-23.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,215	Northing(NAD83):	13,797,294
Hole Number:	ECP-150-A			Freeboard:	7.58
Time:	9:15			Tide:	1.14
Sounding Depth:	-10.0	Bottom of Probe:	-30.3 ft.	Penetration:	-20.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.8	-16.8	=====	
		SH	SHELL
7.8	-17.8	=====	
		CL	SILT/CLAY
8.8	-18.8	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
20.3	-30.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,771	Northing(NAD83):	13,797,057
Hole Number:	ECP-151-A			Freeboard:	7.58
Time:	9:26			Tide:	1.03
Sounding Depth:	-9.8	Bottom of Probe:	-31.4 ft.	Penetration:	-21.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.6	-17.4	=====	
		CL-SH	SILT/CLAY & SHELL
12.6	-22.4	=====	BEGIN JET
		SA-SH	SAND & SHELL TO SILT/CLAY
21.6	-31.4	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL TO SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,336	Northing(NAD83):	13,796,816
Hole Number:	ECP-152-A			Freeboard:	7.58
Time:	9:33			Tide:	1.02
Sounding Depth:	-9.8	Bottom of Probe:	-27.4 ft.	Penetration:	-32.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.2	-16.9	=====	
		CL	SILT/CLAY
13.7	-23.4	=====	BEGIN JET
		SH	SHELL
14.7	-24.4	=====	JET
		CL-SH	SILT/CLAY & SHELL
17.7	-27.4	=====	JET
		CL-SH	SILT/CLAY & SHELL
32.2	-41.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,447	Northing(NAD83):	13,796,340
Hole Number:	ECP-153-A			Freeboard:	7.58
Time:	9:42			Tide:	1.04
Sounding Depth:	-9.6	Bottom of Probe:	-24.7 ft.	Penetration:	-15.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.2	-18.9	=====	
		CL	SILT/CLAY
14.7	-24.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
15.0	-24.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,003	Northing(NAD83):	13,796,106
Hole Number:	ECP-154-A			Freeboard:	7.58
Time:	9:50			Tide:	1.04
Sounding Depth:	-9.7	Bottom of Probe:	-27.4 ft.	Penetration:	-17.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.7	-17.4	=====	
		CL-SH	SILT/CLAY & SHELL
13.7	-23.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
17.7	-27.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,252	Northing(NAD83):	13,795,679
Hole Number:	ECP-157-A			Freeboard:	7.58
Time:	10:01			Tide:	1.08
Sounding Depth:	-9.7	Bottom of Probe:	-29.3 ft.	Penetration:	-19.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.7	-17.3	=====	
		SH	SHELL
13.7	-23.3	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
19.7	-29.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,681	Northing(NAD83):	13,795,904
Hole Number:	ECP-158-A			Freeboard:	7.58
Time:	10:11			Tide:	1.14
Sounding Depth:	-9.8	Bottom of Probe:	-27.3 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.0	-18.8	=====	
		CL	SILT/CLAY
12.5	-22.3	=====	BEGIN JET
		CL	SILT/CLAY
16.5	-26.3	=====	JET
		SH	SHELL
17.5	-27.3	=====	JET
		SA-SH	SAND & SHELL
19.5	-29.3	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,713	Northing(NAD83):	13,796,459
Hole Number:	ECP-159-A			Freeboard:	7.58
Time:	10:19			Tide:	0.8
Sounding Depth:	-9.8	Bottom of Probe:	-32.1 ft.	Penetration:	-22.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.9	-13.6	=====	
		SA-SH	SAND & SHELL
11.9	-21.6	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
22.4	-32.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,018	Northing(NAD83):	13,796,627
Hole Number:	ECP-160-A			Freeboard:	7.58
Time:	10:26			Tide:	1.06
Sounding Depth:	-9.9	Bottom of Probe:	-32.4 ft.	Penetration:	-22.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.5	-17.4	=====	
		CL-SH	SILT/CLAY & SHELL BEGIN JET
11.5	-21.4	=====	
		CL-SH	SILT/CLAY & SHELL REFUSAL
22.5	-32.4	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,449	Northing(NAD83):	13,796,858
Hole Number:	ECP-161-A			Freeboard:	7.58
Time:	10:33			Tide:	0.99
Sounding Depth:	-9.9	Bottom of Probe:	-23.9 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.1	-15.9	=====	
		CL	SILT/CLAY BEGIN JET
11.6	-21.4	=====	
		CL	SILT/CLAY REFUSAL
14.1	-23.9	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,886	Northing(NAD83):	13,797,090
Hole Number:	ECP-162-A			Freeboard:	7.58
Time:	10:41			Tide:	1.07
Sounding Depth:	-9.9	Bottom of Probe:	-22.4 ft.	Penetration:	-12.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.0	-15.9	=====	
		CL-SH	SILT/CLAY & SHELL
11.0	-20.9	=====	BEGIN JET
		CL	SILT/CLAY
12.5	-22.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,329	Northing(NAD83):	13,797,330
Hole Number:	ECP-163-A			Freeboard:	7.58
Time:	10:48			Tide:	0.98
Sounding Depth:	-10.0	Bottom of Probe:	-23.4 ft.	Penetration:	-13.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.9	-14.9	=====	
		SH	SHELL
7.4	-17.4	=====	BEGIN JET
		CL	SILT/CLAY
13.4	-23.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,773	Northing(NAD83):	13,797,562
Hole Number:	ECP-164-A			Freeboard:	7.58
Time:	10:55			Tide:	0.92
Sounding Depth:	-10.1	Bottom of Probe:	-24. ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-16.5	=====	
		CL	SILT/CLAY
8.5	-18.5	=====	BEGIN JET
		CL	SILT/CLAY
14.0	-24.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,211	Northing(NAD83):	13,797,789
Hole Number:	ECP-165-A			Freeboard:	7.58
Time:	11:01			Tide:	1.05
Sounding Depth:	-10.2	Bottom of Probe:	-25.9 ft.	Penetration:	-15.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.2	-17.4	=====	
		CL	SILT/CLAY
11.2	-21.4	=====	BEGIN JET
		CL	SILT/CLAY
15.7	-25.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,650	Northing(NAD83):	13,798,034
Hole Number:	ECP-166-A			Freeboard:	7.58
Time:	11:07			Tide:	1
Sounding Depth:	-10.0	Bottom of Probe:	-26.9 ft.	Penetration:	-17.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-16.4	=====	
		CL	SILT/CLAY
10.5	-20.4	=====	BEGIN JET
		SH	SHELL
13.5	-23.4	=====	JET
		CL	SILT/CLAY
17.0	-26.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,092	Northing(NAD83):	13,798,265
Hole Number:	ECP-167-A			Freeboard:	7.58
Time:	11:13			Tide:	1.07
Sounding Depth:	-10.0	Bottom of Probe:	-28.4 ft.	Penetration:	-18.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.4	-17.4	=====	
		CL	SILT/CLAY
13.4	-23.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
18.4	-28.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,535	Northing(NAD83):	13,798,513
Hole Number:	ECP-168-A			Freeboard:	7.58
Time:	11:18			Tide:	1
Sounding Depth:	-10.1	Bottom of Probe:	-24.4 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.9	-17.9	=====	
		CL	SILT/CLAY
11.4	-21.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
14.4	-24.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,277,213	Northing(NAD83):	13,798,305
Hole Number:	ECP-170-A			Freeboard:	7.58
Time:	11:26			Tide:	0.98
Sounding Depth:	-10.0	Bottom of Probe:	-27.4 ft.	Penetration:	-17.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.4	-19.4	=====	
		CL-SH	SILT/CLAY & SHELL
13.9	-23.9	=====	BEGIN JET
		CL	SILT/CLAY
17.4	-27.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,772	Northing(NAD83):	13,798,077
Hole Number:	ECP-171-A			Freeboard:	7.58
Time:	11:35			Tide:	0.94
Sounding Depth:	-10.1	Bottom of Probe:	-28.5 ft.	Penetration:	-18.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.4	-19.5	=====	
		CL	SILT/CLAY
13.4	-23.5	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
18.4	-28.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,889	Northing(NAD83):	13,797,607
Hole Number:	ECP-172-A			Freeboard:	7.58
Time:	11:42			Tide:	0.96
Sounding Depth:	-10.1	Bottom of Probe:	-24.5 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.9	-17.0	=====	
		CL	SILT/CLAY
7.9	-18.0	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,437	Northing(NAD83):	13,797,366
Hole Number:	ECP-173-A			Freeboard:	7.58
Time:	11:47			Tide:	0.96
Sounding Depth:	-10.1	Bottom of Probe:	-24.5 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.5	=====	
		SH-CL	SHELL & SILT/CLAY
8.4	-18.5	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,010	Northing(NAD83):	13,797,122
Hole Number:	ECP-174-A			Freeboard:	7.58
Time:	11:53			Tide:	0.99
Sounding Depth:	-10.1	Bottom of Probe:	-23.4 ft.	Penetration:	-13.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.4	-16.4	=====	
		SH-CL	SHELL & SILT/CLAY
9.4	-19.4	=====	BEGIN JET
		CL	SILT/CLAY
13.4	-23.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,571	Northing(NAD83):	13,796,887
Hole Number:	ECP-175-A			Freeboard:	7.58
Time:	12:27			Tide:	0.89
Sounding Depth:	-10.0	Bottom of Probe:	-22.5 ft.	Penetration:	-12.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.6	-15.5	=====	
		CL	SILT/CLAY
9.1	-19.0	=====	BEGIN JET
		CL	SILT/CLAY
12.6	-22.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,121	Northing(NAD83):	13,796,660
Hole Number:	ECP-176-A			Freeboard:	7.58
Time:	12:32			Tide:	0.85
Sounding Depth:	-10.0	Bottom of Probe:	-21.6 ft.	Penetration:	-11.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.5	-14.6	=====	
		CL-SH	SILT/CLAY & SHELL
8.5	-18.6	=====	BEGIN JET
		CL	SILT/CLAY
11.5	-21.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,694	Northing(NAD83):	13,796,410
Hole Number:	ECP-177-A			Freeboard:	7.58
Time:	12:38			Tide:	0.84
Sounding Depth:	-10.0	Bottom of Probe:	-21.6 ft.	Penetration:	-11.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.1	-17.1	=====	
		CL SILT/CLAY	BEGIN JET
11.6	-21.6	=====	
		SH SHELL	REFUSAL
6.6	-16.6	=====	

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,086	Northing(NAD83):	13,796,086
Hole Number:	ECP-178-A			Freeboard:	7.58
Time:	12:45			Tide:	0.79
Sounding Depth:	-9.9	Bottom of Probe:	-32.1 ft.	Penetration:	-22.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
11.8	-21.6	=====	
		CL SILT/CLAY	BEGIN JET
17.8	-27.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
22.3	-32.1	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,811	Northing(NAD83):	13,795,942
Hole Number:	ECP-179-A			Freeboard:	7.58
Time:	12:52			Tide:	0.79
Sounding Depth:	-9.9	Bottom of Probe:	-38.1 ft.	Penetration:	-28.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.8	-19.6	=====	
		CL	SILT/CLAY
16.8	-26.6	=====	BEGIN JET
		CL	SILT/CLAY
28.3	-38.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,377	Northing(NAD83):	13,795,715
Hole Number:	ECP-180-A			Freeboard:	7.58
Time:	12:59			Tide:	0.81
Sounding Depth:	-9.8	Bottom of Probe:	-42.6 ft.	Penetration:	-32.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.9	-17.6	=====	
		CL	SILT/CLAY
14.9	-24.6	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
32.9	-42.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,930	Northing(NAD83):	13,795,468
Hole Number:	ECP-181-A			Freeboard:	7.58
Time:	13:16			Tide:	0.75
Sounding Depth:	-9.8	Bottom of Probe:	-31.7 ft.	Penetration:	-21.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.8	-20.7	=====	
		CL	SILT/CLAY
13.8	-23.7	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
21.8	-31.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,271,743	Northing(NAD83):	13,794,807
Hole Number:	ECP-184-A			Freeboard:	7.58
Time:	13:25			Tide:	0.68
Sounding Depth:	-9.8	Bottom of Probe:	-31.2 ft.	Penetration:	-21.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.5	-19.2	=====	
		CL-SH	SILT/CLAY & SHELL
13.0	-22.7	=====	BEGIN JET
		SH	SHELL
21.5	-31.2	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,163	Northing(NAD83):	13,795,028
Hole Number:	ECP-185-A			Freeboard:	7.58
Time:	13:35			Tide:	0.75
Sounding Depth:	-9.8	Bottom of Probe:	-34.7 ft.	Penetration:	-24.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-21.7	=====	
		CL	SILT/CLAY
13.9	-23.7	=====	BEGIN JET
		SH	SHELL
24.9	-34.7	=====	REFUSAL

Character of Finish: REFUSAL IN SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,272,603	Northing(NAD83):	13,795,254
Hole Number:	ECP-186-A			Freeboard:	7.58
Time:	13:44			Tide:	0.65
Sounding Depth:	-9.9	Bottom of Probe:	-33.8 ft.	Penetration:	-23.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.4	-19.3	=====	
		CL	SILT/CLAY
12.4	-22.3	=====	BEGIN JET
		SA-SH	SAND & SHELL
23.9	-33.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,043	Northing(NAD83):	13,795,490
Hole Number:	ECP-187-A			Freeboard:	7.58
Time:	13:52			Tide:	0.62
Sounding Depth:	-9.9	Bottom of Probe:	-30.8 ft.	Penetration:	-21.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.5	-19.3	=====	
		CL-SH	SILT/CLAY & SHELL
13.0	-22.8	=====	BEGIN JET
		SA	SAND
21.0	-30.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,494	Northing(NAD83):	13,795,728
Hole Number:	ECP-188-A			Freeboard:	7.58
Time:	13:58			Tide:	0.61
Sounding Depth:	-10.0	Bottom of Probe:	-24.8 ft.	Penetration:	-14.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.9	-18.8	=====	
		SA	SAND
13.9	-23.8	=====	BEGIN JET
		SA	SAND
14.9	-24.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,273,974	Northing(NAD83):	13,796,003
Hole Number:	ECP-189-A			Freeboard:	7.58
Time:	14:05			Tide:	0.63
Sounding Depth:	-10.1	Bottom of Probe:	-29.8 ft.	Penetration:	-19.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.2	-19.3	=====	
		CL	SILT/CLAY
13.7	-23.8	=====	BEGIN JET
		SA-SH	SAND & SHELL
19.7	-29.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,366	Northing(NAD83):	13,796,210
Hole Number:	ECP-190-A			Freeboard:	7.58
Time:	14:12			Tide:	0.62
Sounding Depth:	-10.1	Bottom of Probe:	-27.8 ft.	Penetration:	-17.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-21.8	=====	
		CL-SA	SILT/CLAY & SAND
14.3	-24.3	=====	BEGIN JET
		SA	SAND
17.8	-27.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,274,806	Northing(NAD83):	13,796,441
Hole Number:	ECP-191-A			Freeboard:	7.58
Time:	14:19			Tide:	0.61
Sounding Depth:	-10.2	Bottom of Probe:	-22.8 ft.	Penetration:	-12.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.2	-17.3	=====	
		CL	SILT/CLAY
9.7	-19.8	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
12.7	-22.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,245	Northing(NAD83):	13,796,676
Hole Number:	ECP-192-A			Freeboard:	7.58
Time:	14:27			Tide:	0.62
Sounding Depth:	-10.2	Bottom of Probe:	-25.8 ft.	Penetration:	-15.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.7	-16.8	=====	
		CL	SILT/CLAY
7.7	-17.8	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
15.7	-25.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,505	Northing(NAD83):	13,796,817
Hole Number:	ECP-193-A			Freeboard:	7.58
Time:	14:33			Tide:	0.54
Sounding Depth:	-10.2	Bottom of Probe:	-27.9 ft.	Penetration:	-17.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.7	-17.9	=====	
		CL	SILT/CLAY
10.2	-20.4	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
17.7	-27.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,132	Northing(NAD83):	13,797,151
Hole Number:	ECP-194-A			Freeboard:	7.58
Time:	14:41			Tide:	0.53
Sounding Depth:	-10.2	Bottom of Probe:	-28.9 ft.	Penetration:	-18.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.2	-18.4	=====	
		CL	SILT/CLAY
11.7	-21.9	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
18.7	-28.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,564	Northing(NAD83):	13,797,383
Hole Number:	ECP-195-A			Freeboard:	7.58
Time:	14:48			Tide:	0.49
Sounding Depth:	-10.2	Bottom of Probe:	-27.9 ft.	Penetration:	-17.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.8	-17.9	=====	
		CL	SILT/CLAY
11.8	-21.9	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
17.8	-27.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,277,005	Northing(NAD83):	13,797,621
Hole Number:	ECP-196-A			Freeboard:	7.58
Time:	14:54			Tide:	0.49
Sounding Depth:	-10.2	Bottom of Probe:	-26.9 ft.	Penetration:	-16.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.3	-19.4	=====	
		CL-SH	SILT/CLAY & SHELL
11.8	-21.9	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
16.8	-26.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,277,439	Northing(NAD83):	13,797,860
Hole Number:	ECP-197-A			Freeboard:	7.58
Time:	15:00			Tide:	0.58
Sounding Depth:	-10.2	Bottom of Probe:	-28.8 ft.	Penetration:	-18.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.1	-20.3	=====	
		CL	SILT/CLAY
13.6	-23.8	=====	BEGIN JET
		SA	SAND
18.6	-28.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,277,245	Northing(NAD83):	13,797,192
Hole Number:	ECP-198-A			Freeboard:	7.58
Time:	15:10			Tide:	0.56
Sounding Depth:	-10.2	Bottom of Probe:	-28.9 ft.	Penetration:	-18.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.7	-19.9	=====	
		CL	SILT/CLAY
12.2	-22.4	=====	BEGIN JET
		SA	SAND
18.7	-28.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,801	Northing(NAD83):	13,796,956
Hole Number:	ECP-199-A			Freeboard:	7.58
Time:	15:18			Tide:	0.4
Sounding Depth:	-10.2	Bottom of Probe:	-30. ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.8	-20.0	=====	
		CL	SILT/CLAY
12.3	-22.5	=====	BEGIN JET
		SA	SAND
19.8	-30.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,276,358	Northing(NAD83):	13,796,724
Hole Number:	ECP-200-A			Freeboard:	7.58
Time:	15:27			Tide:	0.44
Sounding Depth:	-10.2	Bottom of Probe:	-30. ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.8	-19.0	=====	
		CL	SILT/CLAY
9.8	-20.0	=====	BEGIN JET
		SA	SAND
19.8	-30.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.19.19	Easting(NAD83):	3,275,915	Northing(NAD83):	13,796,476
Hole Number:	ECP-201-A			Freeboard:	7.58
Time:	15:33			Tide:	0.46
Sounding Depth:	-10.2	Bottom of Probe:	-27.5 ft.	Penetration:	-17.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
8.8	-19.0	=====
		CL SILT/CLAY BEGIN JET
9.8	-20.0	=====
		CL SILT/CLAY REFUSAL
17.3	-27.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,480	Northing(NAD83):	13,796,238
Hole Number:	ECP-202-A			Freeboard:	7.58
Time:	8:41			Tide:	1.45
Sounding Depth:	-10.2	Bottom of Probe:	-23. ft.	Penetration:	-12.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.3	-18.5	=====	
		CL	SILT/CLAY
9.8	-20.0	=====	BEGIN JET
		CL	SILT/CLAY
12.8	-23.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,045	Northing(NAD83):	13,796,002
Hole Number:	ECP-203-A			Freeboard:	7.58
Time:	8:49			Tide:	1.52
Sounding Depth:	-10.1	Bottom of Probe:	-22.9 ft.	Penetration:	-12.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.9	-17.9	=====	
		SA	SAND
8.9	-18.9	=====	BEGIN JET
		SA	SAND
12.9	-22.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,602	Northing(NAD83):	13,795,764
Hole Number:	ECP-204-A			Freeboard:	7.58
Time:	9:17			Tide:	1.65
Sounding Depth:	-10.1	Bottom of Probe:	-22.8 ft.	Penetration:	-12.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
8.7	-18.8	=====
		SA SAND BEGIN JET
9.7	-19.8	=====
		SA SAND REFUSAL
12.7	-22.8	=====

Character of Finish: REFUSAL IN SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,153	Northing(NAD83):	13,795,529
Hole Number:	ECP-205-A			Freeboard:	7.58
Time:	9:24			Tide:	1.45
Sounding Depth:	-10.1	Bottom of Probe:	-25.5 ft.	Penetration:	-15.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
7.4	-17.5	=====
		SA SAND BEGIN JET
8.9	-19.0	=====
		SA SAND REFUSAL
15.4	-25.5	=====

Character of Finish: REFUSAL IN SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,721	Northing(NAD83):	13,795,292
Hole Number:	ECP-206-A			Freeboard:	7.58
Time:	9:31			Tide:	1.29
Sounding Depth:	-10.1	Bottom of Probe:	-26.1 ft.	Penetration:	-16.1 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
12.1	-22.1	=====
		SA SAND BEGIN JET
13.6	-23.6	=====
		SA SAND REFUSAL
16.1	-26.1	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,274	Northing(NAD83):	13,795,050
Hole Number:	ECP-207-A			Freeboard:	7.58
Time:	9:37			Tide:	1.42
Sounding Depth:	-9.9	Bottom of Probe:	-27.5 ft.	Penetration:	-17.7 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
11.2	-21.0	=====
		SA SAND BEGIN JET
13.2	-23.0	=====
		SA SAND REFUSAL
17.7	-27.5	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,839	Northing(NAD83):	13,794,816
Hole Number:	ECP-208-A			Freeboard:	7.58
Time:	9:44			Tide:	1.53
Sounding Depth:	-10.0	Bottom of Probe:	-40.9 ft.	Penetration:	-30.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.4	-20.4	=====	
		CL-SA	SILT/CLAY & SAND
14.4	-24.4	=====	BEGIN JET
		CL	SILT/CLAY
30.9	-40.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,390	Northing(NAD83):	13,794,579
Hole Number:	ECP-209-A			Freeboard:	7.58
Time:	9:51			Tide:	1.4
Sounding Depth:	-9.9	Bottom of Probe:	-31. ft.	Penetration:	-25.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.2	-20.0	=====	
		CL	SILT/CLAY
13.7	-23.5	=====	BEGIN JET
		SH	SHELL
16.2	-26.0	=====	JET
		SH	SHELL
21.2	-31.0	=====	JET
		CL	SILT/CLAY
25.2	-35.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,271,954	Northing(NAD83):	13,794,342
Hole Number:	ECP-210-A			Freeboard:	7.58
Time:	9:58			Tide:	1.38
Sounding Depth:	-9.8	Bottom of Probe:	-31. ft.	Penetration:	-21.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-21.5	=====	
		CL-SH	SILT/CLAY & SHELL
14.3	-24.0	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
21.3	-31.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,424	Northing(NAD83):	13,793,473
Hole Number:	ECP-236-A			Freeboard:	7.58
Time:	10:09			Tide:	1.45
Sounding Depth:	-10.0	Bottom of Probe:	-21. ft.	Penetration:	-11.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.0	-20.0	=====	
		SA	SAND
11.0	-21.0	=====	BEGIN JET
		SA	SAND
11.0	-21.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,677	Northing(NAD83):	13,793,025
Hole Number:	ECP-237-A			Freeboard:	7.58
Time:	10:16			Tide:	1.48
Sounding Depth:	-10.1	Bottom of Probe:	-27.4 ft.	Penetration:	-17.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.9	-20.9	=====	
		CL	SILT/CLAY
11.9	-21.9	=====	BEGIN JET
		SA-SH	SAND & SHELL
17.4	-27.4	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,898	Northing(NAD83):	13,792,587
Hole Number:	ECP-262-A			Freeboard:	7.58
Time:	10:22			Tide:	1.44
Sounding Depth:	-10.1	Bottom of Probe:	-28. ft.	Penetration:	-17.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.9	-21.0	=====	
		CL	SILT/CLAY
12.9	-23.0	=====	BEGIN JET
		SA	SAND
17.9	-28.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,143	Northing(NAD83):	13,792,143
Hole Number:	ECP-263-A			Freeboard:	7.58
Time:	10:28			Tide:	1.53
Sounding Depth:	-10.1	Bottom of Probe:	-22.4 ft.	Penetration:	-12.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
6.8	-16.9	=====
		SA SAND BEGIN JET
9.8	-19.9	=====
		SA SAND REFUSAL
12.3	-22.4	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,381	Northing(NAD83):	13,791,703
Hole Number:	ECP-290-A			Freeboard:	7.58
Time:	10:37			Tide:	1.49
Sounding Depth:	-10.1	Bottom of Probe:	-24.9 ft.	Penetration:	-14.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
7.4	-17.4	=====
		SA SAND BEGIN JET
13.4	-23.4	=====
		SA SAND REFUSAL
14.9	-24.9	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,615	Northing(NAD83):	13,791,269
Hole Number:	ECP-291-A			Freeboard:	7.58
Time:	10:44			Tide:	1.43
Sounding Depth:	-10.3	Bottom of Probe:	-23. ft.	Penetration:	-12.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-15.0	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
9.7	-20.0	=====	
		SA SAND	REFUSAL
12.7	-23.0	=====	

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,858	Northing(NAD83):	13,790,830
Hole Number:	ECP-318-A			Freeboard:	7.58
Time:	11:02			Tide:	1.36
Sounding Depth:	-10.3	Bottom of Probe:	-24.1 ft.	Penetration:	-13.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.7	-17.1	=====	
		SA SAND	BEGIN JET
9.7	-20.1	=====	
		SA SAND	REFUSAL
13.7	-24.1	=====	

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,100	Northing(NAD83):	13,790,379
Hole Number:	ECP-319-A			Freeboard:	7.58
Time:	11:10			Tide:	1.44
Sounding Depth:	-10.3	Bottom of Probe:	-25.5 ft.	Penetration:	-15.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
6.2	-16.5	=====
		SA SAND BEGIN JET
10.7	-21.0	=====
		SA SAND REFUSAL
15.2	-25.5	=====

Character of Finish: REFUSAL IN SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,373	Northing(NAD83):	13,789,970
Hole Number:	ECP-345-A			Freeboard:	7.58
Time:	11:17			Tide:	1.51
Sounding Depth:	-10.2	Bottom of Probe:	-25.4 ft.	Penetration:	-15.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
7.8	-17.9	=====
		SA SAND BEGIN JET
10.3	-20.4	=====
		SA SAND REFUSAL
15.3	-25.4	=====

Character of Finish: REFUSAL IN SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,416	Northing(NAD83):	13,789,381
Hole Number:	ECP-348-A			Freeboard:	7.58
Time:	11:28			Tide:	1.38
Sounding Depth:	-10.3	Bottom of Probe:	-26. ft.	Penetration:	-15.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
8.7	-19.0	=====
		SA SAND BEGIN JET
11.2	-21.5	=====
		SA SAND REFUSAL
15.7	-26.0	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,030	Northing(NAD83):	13,788,639
Hole Number:	ECP-374-A			Freeboard:	7.58
Time:	11:37			Tide:	1.41
Sounding Depth:	-10.3	Bottom of Probe:	-29.5 ft.	Penetration:	-19.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
12.3	-22.5	=====
		SA SAND BEGIN JET
13.8	-24.0	=====
		SA SAND REFUSAL
19.3	-29.5	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,274	Northing(NAD83):	13,788,200
Hole Number:	ECP-397-A			Freeboard:	7.58
Time:	11:45			Tide:	1.48
Sounding Depth:	-10.5	Bottom of Probe:	-34.9 ft.	Penetration:	-24.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
10.0	-20.4	=====
		SA SAND BEGIN JET
12.5	-22.9	=====
		SA SAND REFUSAL
24.5	-34.9	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,645	Northing(NAD83):	13,788,369
Hole Number:	ECP-396-A			Freeboard:	7.58
Time:	11:53			Tide:	1.32
Sounding Depth:	-10.5	Bottom of Probe:	-32.1 ft.	Penetration:	-21.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
6.7	-17.1	=====
		SA SAND BEGIN JET
7.2	-17.6	=====
		SA SAND REFUSAL
21.7	-32.1	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,601	Northing(NAD83):	13,788,942
Hole Number:	ECP-375-A			Freeboard:	7.58
Time:	12:01			Tide:	1.36
Sounding Depth:	-10.3	Bottom of Probe:	-25.1 ft.	Penetration:	-14.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.7	-22.1	=====	
		CL	SILT/CLAY
12.2	-22.6	=====	BEGIN JET
		SA-SH	SAND & SHELL
14.7	-25.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,357	Northing(NAD83):	13,789,298
Hole Number:	ECP-371-A			Freeboard:	7.58
Time:	12:07			Tide:	1.44
Sounding Depth:	-10.2	Bottom of Probe:	-43. ft.	Penetration:	-32.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-23.0	=====	
		SA-CL	SAND & SILT/CLAY
13.8	-24.0	=====	BEGIN JET
		SA	SAND
32.8	-43.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,935	Northing(NAD83):	13,789,702
Hole Number:	ECP-349-A			Freeboard:	7.58
Time:	12:16			Tide:	1.37
Sounding Depth:	-10.4	Bottom of Probe:	-31.6 ft.	Penetration:	-21.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.7	-16.1	=====	
		CL	SILT/CLAY
6.7	-17.1	=====	BEGIN JET
		CL	SILT/CLAY
20.7	-31.1	=====	JET
		SA-SH	SAND & SHELL
21.2	-31.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,772	Northing(NAD83):	13,790,193
Hole Number:	ECP-344-A			Freeboard:	7.58
Time:	12:22			Tide:	1.36
Sounding Depth:	-10.2	Bottom of Probe:	-27.6 ft.	Penetration:	-17.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.9	-21.1	=====	
		CL	SILT/CLAY
13.4	-23.6	=====	BEGIN JET
		SA	SAND
17.4	-27.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,543	Northing(NAD83):	13,790,615
Hole Number:	ECP-320-A			Freeboard:	7.58
Time:	12:31			Tide:	1.4
Sounding Depth:	-10.3	Bottom of Probe:	-27.5 ft.	Penetration:	-17.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.3	-19.5	=====	
		CL	SILT/CLAY
11.8	-22.0	=====	BEGIN JET
		SA	SAND
17.3	-27.5	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,294	Northing(NAD83):	13,791,063
Hole Number:	ECP-317-A			Freeboard:	7.58
Time:	12:38			Tide:	1.35
Sounding Depth:	-10.4	Bottom of Probe:	-26.6 ft.	Penetration:	-16.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.7	-18.1	=====	
		CL	SILT/CLAY
8.2	-18.6	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
16.2	-26.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,060	Northing(NAD83):	13,791,491
Hole Number:	ECP-292-A			Freeboard:	7.58
Time:	13:14			Tide:	1.34
Sounding Depth:	-10.2	Bottom of Probe:	-22.6 ft.	Penetration:	-12.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.9	-16.1	=====	
		CL	SILT/CLAY
6.9	-17.1	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
12.4	-22.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,818	Northing(NAD83):	13,791,949
Hole Number:	ECP-289-A			Freeboard:	7.58
Time:	13:23			Tide:	1.36
Sounding Depth:	-10.2	Bottom of Probe:	-23.1 ft.	Penetration:	-12.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.9	-17.1	=====	
		CL	SILT/CLAY
10.4	-20.6	=====	BEGIN JET
		SA	SAND
12.9	-23.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,580	Northing(NAD83):	13,792,378
Hole Number:	ECP-264-A			Freeboard:	7.58
Time:	13:30			Tide:	1.28
Sounding Depth:	-10.2	Bottom of Probe:	-24.6 ft.	Penetration:	-14.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.5	-17.6	=====	
		SA-CL	SAND & SILT/CLAY
8.0	-18.1	=====	BEGIN JET
		CL	SILT/CLAY
14.5	-24.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,351	Northing(NAD83):	13,792,832
Hole Number:	ECP-261-A			Freeboard:	7.58
Time:	14:08			Tide:	1.32
Sounding Depth:	-10.1	Bottom of Probe:	-29.1 ft.	Penetration:	-19.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.1	-18.1	=====	
		CL	SILT/CLAY
14.1	-24.1	=====	BEGIN JET
		SA	SAND
19.1	-29.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,112	Northing(NAD83):	13,793,253
Hole Number:	ECP-238-A			Freeboard:	7.58
Time:	14:16			Tide:	1.28
Sounding Depth:	-10.0	Bottom of Probe:	-29.1 ft.	Penetration:	-19.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.2	-20.1	=====	
		CL	SILT/CLAY
12.2	-22.1	=====	BEGIN JET
		SA	SAND
19.2	-29.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,863	Northing(NAD83):	13,793,692
Hole Number:	ECP-235-A			Freeboard:	7.58
Time:	14:25			Tide:	1.23
Sounding Depth:	-10.0	Bottom of Probe:	-31.2 ft.	Penetration:	-21.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.2	-21.2	=====	
		SA	SAND
12.2	-22.2	=====	BEGIN JET
		SA	SAND
21.2	-31.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,272,639	Northing(NAD83):	13,794,140
Hole Number:	ECP-213-A			Freeboard:	7.58
Time:	14:33			Tide:	1.37
Sounding Depth:	-9.9	Bottom of Probe:	-41.1 ft.	Penetration:	-31.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.2	-21.1	=====	
		SA-SH	SAND & SHELL
13.2	-23.1	=====	BEGIN JET
		SA	SAND
31.2	-41.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,075	Northing(NAD83):	13,794,376
Hole Number:	ECP-214-A			Freeboard:	7.58
Time:	14:42			Tide:	1.21
Sounding Depth:	-10.0	Bottom of Probe:	-32.2 ft.	Penetration:	-22.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.3	-21.2	=====	
		CL	SILT/CLAY
13.8	-23.7	=====	BEGIN JET
		SA	SAND
22.3	-32.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,273,792	Northing(NAD83):	13,793,054
Hole Number:	ECP-260-A			Freeboard:	7.58
Time:	14:57			Tide:	1.39
Sounding Depth:	-10.1	Bottom of Probe:	-23. ft.	Penetration:	-13.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.0	-17.0	=====	
		CL	SILT/CLAY
8.0	-18.0	=====	BEGIN JET
		SA	SAND
13.0	-23.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,029	Northing(NAD83):	13,792,617
Hole Number:	ECP-265-A			Freeboard:	7.58
Time:	15:04			Tide:	1.28
Sounding Depth:	-10.1	Bottom of Probe:	-24.1 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.1	-17.1	=====	
		CL	SILT/CLAY
12.1	-22.1	=====	BEGIN JET
		SA	SAND
14.1	-24.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,252	Northing(NAD83):	13,792,171
Hole Number:	ECP-288-A			Freeboard:	7.58
Time:	15:12			Tide:	1.08
Sounding Depth:	-10.2	Bottom of Probe:	-24.3 ft.	Penetration:	-14.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.2	-17.3	=====	
		CL	SILT/CLAY
10.2	-20.3	=====	BEGIN JET
		SA-SH	SAND & SHELL
14.2	-24.3	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,498	Northing(NAD83):	13,791,731
Hole Number:	ECP-293-A			Freeboard:	7.58
Time:	15:19			Tide:	1.23
Sounding Depth:	-10.2	Bottom of Probe:	-26.2 ft.	Penetration:	-16.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.0	-18.2	=====	
		CL	SILT/CLAY
11.0	-21.2	=====	BEGIN JET
		SA	SAND
16.0	-26.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,720	Northing(NAD83):	13,791,294
Hole Number:	ECP-316-A			Freeboard:	7.58
Time:	15:27			Tide:	0.93
Sounding Depth:	-10.3	Bottom of Probe:	-29.5 ft.	Penetration:	-19.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.2	-19.5	=====	
		CL	SILT/CLAY
12.2	-22.5	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
19.2	-29.5	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,274,974	Northing(NAD83):	13,790,863
Hole Number:	ECP-321-A			Freeboard:	7.58
Time:	15:35			Tide:	1.2
Sounding Depth:	-10.3	Bottom of Probe:	-41.2 ft.	Penetration:	-30.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.4	-22.7	=====	
		CL	SILT/CLAY
14.4	-24.7	=====	BEGIN JET
		CL	SILT/CLAY
30.9	-41.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,211	Northing(NAD83):	13,790,408
Hole Number:	ECP-343-A			Freeboard:	7.58
Time:	15:44			Tide:	1.1
Sounding Depth:	-10.2	Bottom of Probe:	-43.3 ft.	Penetration:	-33.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.7	-22.8	=====	
		CL	SILT/CLAY
14.2	-24.3	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
33.2	-43.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,275,933	Northing(NAD83):	13,789,090
Hole Number:	ECP-376-A			Freeboard:	7.58
Time:	15:54			Tide:	1.07
Sounding Depth:	-10.3	Bottom of Probe:	-44.4 ft.	Penetration:	-34.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.1	-17.4	=====	
		SA	SAND
7.6	-17.9	=====	BEGIN JET
		SH	SHELL
27.1	-37.4	=====	JET
		CL	SILT/CLAY
34.1	-44.4	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,276,147	Northing(NAD83):	13,788,659
Hole Number:	ECP-395-A			Freeboard:	7.58
Time:	16:05			Tide:	0.97
Sounding Depth:	-10.5	Bottom of Probe:	-44.5 ft.	Penetration:	-34.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
11.0	-21.5	=====
		SA SAND BEGIN JET
13.0	-23.5	=====
		SA-CL SAND & SILT/CLAY NO REFUSAL
34.0	-44.5	=====

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,276,588	Northing(NAD83):	13,788,891
Hole Number:	ECP-394-A			Freeboard:	7.58
Time:	16:15			Tide:	0.96
Sounding Depth:	-10.4	Bottom of Probe:	-25.5 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material
Surveyed ==>	-10.4	=====
Penetration Depth:		WOR SURFICIAL SILT
11.1	-21.5	=====
		SA SAND BEGIN JET
13.1	-23.5	=====
		SA SAND REFUSAL
15.1	-25.5	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.20.19	Easting(NAD83):	3,276,862	Northing(NAD83):	13,789,042
Hole Number:	ECP-393-A			Freeboard:	7.58
Time:	16:24			Tide:	0.84
Sounding Depth:	-10.4	Bottom of Probe:	-40.6 ft.	Penetration:	-30.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.4	=====
Penetration Depth:		WOR SURFICIAL SILT
15.2	-25.6	=====
		CL SILT/CLAY BEGIN JET
16.7	-27.1	=====
		SA SAND REFUSAL
30.2	-40.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,357	Northing(NAD83):	13,789,330
Hole Number:	ECP-377-A			Freeboard:	7.58
Time:	9:56			Tide:	1.46
Sounding Depth:	-10.4	Bottom of Probe:	-37. ft.	Penetration:	-26.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
11.1	-21.5	=====	
		SA-SH SAND & SHELL	BEGIN JET
14.6	-25.0	=====	
		CL-SA SILT/CLAY TO SAND	REFUSAL
26.6	-37.0	=====	

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,129	Northing(NAD83):	13,789,770
Hole Number:	ECP-370-A			Freeboard:	7.58
Time:	10:05			Tide:	1.47
Sounding Depth:	-10.2	Bottom of Probe:	-39. ft.	Penetration:	-28.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.8	-17.0	=====	
		SA-SH SAND & SHELL	BEGIN JET
12.8	-23.0	=====	
		CL SILT/CLAY	REFUSAL
28.8	-39.0	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,892	Northing(NAD83):	13,790,210
Hole Number:	ECP-350-A			Freeboard:	7.58
Time:	10:12			Tide:	1.56
Sounding Depth:	-10.3	Bottom of Probe:	-39.9 ft.	Penetration:	-29.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
12.0	-22.4	=====
		SA SAND BEGIN JET
17.5	-27.9	=====
		CL SILT/CLAY REFUSAL
29.5	-39.9	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,654	Northing(NAD83):	13,790,648
Hole Number:	ECP-342-A			Freeboard:	7.58
Time:	10:18			Tide:	1.39
Sounding Depth:	-10.2	Bottom of Probe:	-41.5 ft.	Penetration:	-31.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.9	-22.0	=====
		CL SILT/CLAY BEGIN JET
15.9	-26.0	=====
		CL-SA SILT/CLAY TO SAND REFUSAL
31.4	-41.5	=====

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,412	Northing(NAD83):	13,791,082
Hole Number:	ECP-322-A			Freeboard:	7.58
Time:	10:25			Tide:	1.33
Sounding Depth:	-10.3	Bottom of Probe:	-43.1 ft.	Penetration:	-32.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.3	-22.6	=====	
		SA	SAND
15.3	-25.6	=====	BEGIN JET
		CL	SILT/CLAY
31.8	-42.1	=====	JET
		SA-SH	SAND & SHELL
32.8	-43.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,181	Northing(NAD83):	13,791,526
Hole Number:	ECP-315-A			Freeboard:	7.58
Time:	10:32			Tide:	1.52
Sounding Depth:	-10.3	Bottom of Probe:	-43.9 ft.	Penetration:	-33.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.6	-20.9	=====	
		CL	SILT/CLAY
16.1	-26.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
33.6	-43.9	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,942	Northing(NAD83):	13,791,964
Hole Number:	ECP-294-A			Freeboard:	7.58
Time:	10:41			Tide:	1.55
Sounding Depth:	-10.3	Bottom of Probe:	-31.4 ft.	Penetration:	-21.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.6	-18.9	=====	
		CL	SILT/CLAY
11.1	-21.4	=====	BEGIN JET
		SA	SAND
21.1	-31.4	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,700	Northing(NAD83):	13,792,410
Hole Number:	ECP-287-A			Freeboard:	7.58
Time:	10:49			Tide:	1.46
Sounding Depth:	-10.2	Bottom of Probe:	-26. ft.	Penetration:	-15.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.8	-17.0	=====	
		SA	SAND
10.8	-21.0	=====	BEGIN JET
		SA	SAND
15.8	-26.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,460	Northing(NAD83):	13,792,861
Hole Number:	ECP-266-A			Freeboard:	7.58
Time:	10:56			Tide:	1.29
Sounding Depth:	-10.2	Bottom of Probe:	-25.1 ft.	Penetration:	-15.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.0	-18.1	=====	
		CL	SILT/CLAY
11.0	-21.1	=====	BEGIN JET
		SA	SAND
15.0	-25.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,235	Northing(NAD83):	13,793,283
Hole Number:	ECP-259-A			Freeboard:	7.58
Time:	11:02			Tide:	1.33
Sounding Depth:	-10.1	Bottom of Probe:	-24.1 ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.0	-17.1	=====	
		CL	SILT/CLAY
9.0	-19.1	=====	BEGIN JET
		SA	SAND
14.0	-24.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,273,997	Northing(NAD83):	13,793,728
Hole Number:	ECP-239-A			Freeboard:	7.58
Time:	11:09			Tide:	1.44
Sounding Depth:	-10.2	Bottom of Probe:	-25. ft.	Penetration:	-14.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.8	-17.0	=====	
		CL	SILT/CLAY
10.3	-20.5	=====	BEGIN JET
		SA	SAND
14.8	-25.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,273,757	Northing(NAD83):	13,794,174
Hole Number:	ECP-234-A			Freeboard:	7.58
Time:	11:16			Tide:	1.42
Sounding Depth:	-10.0	Bottom of Probe:	-23. ft.	Penetration:	-13.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.1	-17.0	=====	
		CL	SILT/CLAY
9.1	-19.0	=====	BEGIN JET
		SA	SAND
13.1	-23.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,273,522	Northing(NAD83):	13,794,617
Hole Number:	ECP-215-A			Freeboard:	7.58
Time:	11:24			Tide:	1.41
Sounding Depth:	-10.0	Bottom of Probe:	-34. ft.	Penetration:	-24.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
11.1	-21.0	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
13.1	-23.0	=====	
		CL-SA SILT/CLAY & SAND	REFUSAL
24.1	-34.0	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,273,960	Northing(NAD83):	13,794,853
Hole Number:	ECP-216-A			Freeboard:	7.58
Time:	11:32			Tide:	1.4
Sounding Depth:	-10.1	Bottom of Probe:	-26. ft.	Penetration:	-16.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
8.0	-18.0	=====	
		CL SILT/CLAY	BEGIN JET
9.0	-19.0	=====	
		SA SAND	REFUSAL
16.0	-26.0	=====	

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,186	Northing(NAD83):	13,794,415
Hole Number:	ECP-233-A			Freeboard:	7.58
Time:	11:39			Tide:	1.32
Sounding Depth:	-10.0	Bottom of Probe:	-27.1 ft.	Penetration:	-17.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.2	-17.1	=====	
		CL	SILT/CLAY
8.7	-18.6	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
17.2	-27.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,435	Northing(NAD83):	13,793,970
Hole Number:	ECP-240-A			Freeboard:	7.58
Time:	11:49			Tide:	1.33
Sounding Depth:	-10.2	Bottom of Probe:	-26.1 ft.	Penetration:	-15.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.9	-17.1	=====	
		CL	SILT/CLAY
9.9	-20.1	=====	BEGIN JET
		SA	SAND
15.9	-26.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,670	Northing(NAD83):	13,793,529
Hole Number:	ECP-258-A			Freeboard:	7.58
Time:	11:54			Tide:	1.45
Sounding Depth:	-10.1	Bottom of Probe:	-26.5 ft.	Penetration:	-16.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
7.9	-18.0	=====
		SA SAND BEGIN JET
9.9	-20.0	=====
		SA SAND REFUSAL
16.4	-26.5	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,274,903	Northing(NAD83):	13,793,087
Hole Number:	ECP-267-A			Freeboard:	7.58
Time:	12:01			Tide:	1.31
Sounding Depth:	-10.1	Bottom of Probe:	-25.1 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
8.1	-18.1	=====
		CL SILT/CLAY BEGIN JET
10.1	-20.1	=====
		SA SAND REFUSAL
15.1	-25.1	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,614	Northing(NAD83):	13,791,772
Hole Number:	ECP-314-A			Freeboard:	7.58
Time:	12:20			Tide:	1.44
Sounding Depth:	-10.3	Bottom of Probe:	-31. ft.	Penetration:	-20.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.7	-21.0	=====	
		SA	SAND
13.7	-24.0	=====	BEGIN JET
		SA-SH	SAND & SHELL
20.7	-31.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,275,845	Northing(NAD83):	13,791,334
Hole Number:	ECP-323-A			Freeboard:	7.58
Time:	12:26			Tide:	1.58
Sounding Depth:	-10.2	Bottom of Probe:	-43.8 ft.	Penetration:	-33.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.7	-21.8	=====	
		CL	SILT/CLAY
15.2	-25.3	=====	BEGIN JET
		CL	SILT/CLAY
33.7	-43.8	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,085	Northing(NAD83):	13,790,894
Hole Number:	ECP-341-A			Freeboard:	7.58
Time:	12:33			Tide:	1.41
Sounding Depth:	-10.2	Bottom of Probe:	-44. ft.	Penetration:	-33.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
12.8	-23.0	=====
		CL SILT/CLAY BEGIN JET
15.8	-26.0	=====
		CL SILT/CLAY NO REFUSAL
33.8	-44.0	=====

Character of Finish: REFUSAL IN ERROR DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,330	Northing(NAD83):	13,790,458
Hole Number:	ECP-351-A			Freeboard:	7.58
Time:	12:41			Tide:	1.21
Sounding Depth:	-10.3	Bottom of Probe:	-44.2 ft.	Penetration:	-33.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
6.9	-17.2	=====
		CL SILT/CLAY BEGIN JET
15.9	-26.2	=====
		CL SILT/CLAY NO REFUSAL
33.9	-44.2	=====

Character of Finish: REFUSAL IN ERROR DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,564	Northing(NAD83):	13,790,010
Hole Number:	ECP-369-A			Freeboard:	7.58
Time:	13:07			Tide:	1.33
Sounding Depth:	-10.2	Bottom of Probe:	-44.1 ft.	Penetration:	-33.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-22.1	=====	
		CL	SILT/CLAY
20.9	-31.1	=====	BEGIN JET
		CL	SILT/CLAY
33.9	-44.1	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,779	Northing(NAD83):	13,789,551
Hole Number:	ECP-378-A			Freeboard:	7.58
Time:	13:15			Tide:	1.4
Sounding Depth:	-10.4	Bottom of Probe:	-44. ft.	Penetration:	-33.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.7	-21.0	=====	
		SA	SAND
12.7	-23.0	=====	BEGIN JET
		CL	SILT/CLAY
16.7	-27.0	=====	JET
		CL	SILT/CLAY
33.7	-44.0	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,277,011	Northing(NAD83):	13,790,245
Hole Number:	ECP-368-A			Freeboard:	7.58
Time:	13:29			Tide:	1.43
Sounding Depth:	-10.2	Bottom of Probe:	-44. ft.	Penetration:	-33.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.8	-22.0	=====
		SA SAND BEGIN JET
13.8	-24.0	=====
		CL SILT/CLAY JET
16.8	-27.0	=====
		CL SILT/CLAY REFUSAL
33.8	-44.0	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	JB/JBr/BH
		Vessel:	Capt. Wayne Taylor

Date:	11.21.19	Easting(NAD83):	3,276,779	Northing(NAD83):	13,790,683
Hole Number:	ECP-352-A			Freeboard:	7.58
Time:	13:39			Tide:	1.38
Sounding Depth:	-10.3	Bottom of Probe:	-44. ft.	Penetration:	-33.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
10.8	-21.0	=====
		SA SAND BEGIN JET
12.8	-23.0	=====
		CL SILT/CLAY JET
16.8	-27.0	=====
		CL SILT/CLAY REFUSAL
33.8	-44.0	=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,529	Northing(NAD83):	13,791,127
Hole Number:	ECP-340-A			Freeboard:	7.75
Time:	8:34			Tide:	0.36
Sounding Depth:	-10.3	Bottom of Probe:	-41.4 ft.	Penetration:	-31.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.6	-19.9	=====	
		CL	SILT/CLAY
13.6	-23.9	=====	BEGIN JET
		CL	SILT/CLAY
31.1	-41.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,298	Northing(NAD83):	13,791,557
Hole Number:	ECP-324-A			Freeboard:	7.75
Time:	8:47			Tide:	0.11
Sounding Depth:	-10.3	Bottom of Probe:	-41.6 ft.	Penetration:	-31.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.4	-21.6	=====	
		CL	SILT/CLAY
17.9	-28.1	=====	BEGIN JET
		CL	SILT/CLAY
31.4	-41.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,062	Northing(NAD83):	13,792,005
Hole Number:	ECP-313-A			Freeboard:	7.75
Time:	8:54			Tide:	0.19
Sounding Depth:	-10.3	Bottom of Probe:	-49.1 ft.	Penetration:	-38.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.7	-20.1	=====	
		CL	SILT/CLAY
17.7	-28.1	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
38.7	-49.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,831	Northing(NAD83):	13,792,444
Hole Number:	ECP-296-A			Freeboard:	7.75
Time:	9:22			Tide:	0.24
Sounding Depth:	-10.3	Bottom of Probe:	-44. ft.	Penetration:	-33.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-22.0	=====	
		SA-CL	SAND TO SILT/CLAY
16.3	-26.5	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
32.8	-43.0	=====	JET
		SA	SAND
33.8	-44.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,392	Northing(NAD83):	13,792,203
Hole Number:	ECP-295-A			Freeboard:	7.75
Time:	9:31			Tide:	0.17
Sounding Depth:	-10.2	Bottom of Probe:	-31.1 ft.	Penetration:	-20.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-22.1	=====	
		CL-SA	SILT/CLAY TO SAND
15.4	-25.6	=====	BEGIN JET
		SA	SAND
20.9	-31.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,147	Northing(NAD83):	13,792,650
Hole Number:	ECP-286-A			Freeboard:	7.75
Time:	9:37			Tide:	0.05
Sounding Depth:	-10.2	Bottom of Probe:	-26.2 ft.	Penetration:	-16.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.5	-18.7	=====	
		SA	SAND
11.5	-21.7	=====	BEGIN JET
		SA	SAND
16.0	-26.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,584	Northing(NAD83):	13,792,879
Hole Number:	ECP-285-A			Freeboard:	7.75
Time:	9:47			Tide:	0.18
Sounding Depth:	-10.2	Bottom of Probe:	-28.1 ft.	Penetration:	-17.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.9	-19.1	=====	
		CL-SA	SILT/CLAY TO SAND
13.4	-23.6	=====	BEGIN JET
		SA-SH	SAND & SHELL
17.9	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,349	Northing(NAD83):	13,793,317
Hole Number:	ECP-268-A			Freeboard:	7.75
Time:	9:54			Tide:	0.16
Sounding Depth:	-10.1	Bottom of Probe:	-25.1 ft.	Penetration:	-15.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.5	-18.6	=====	
		SA-SH	SAND & SHELL
12.5	-22.6	=====	BEGIN JET
		SA-SH	SAND & SHELL
15.0	-25.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,110	Northing(NAD83):	13,793,748
Hole Number:	ECP-257-A			Freeboard:	7.75
Time:	10:01			Tide:	0.15
Sounding Depth:	-10.2	Bottom of Probe:	-31.6 ft.	Penetration:	-21.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.5	-18.6	=====	
		CL	SILT/CLAY
14.5	-24.6	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
17.0	-27.1	=====	JET
		CL-SH	SILT/CLAY & SHELL
21.5	-31.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,274,647	Northing(NAD83):	13,794,655
Hole Number:	ECP-232-A			Freeboard:	7.75
Time:	10:12			Tide:	0.14
Sounding Depth:	-10.1	Bottom of Probe:	-28.1 ft.	Penetration:	-18.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.5	-17.6	=====	
		SA	SAND
9.0	-19.1	=====	BEGIN JET
		CL	SILT/CLAY
11.5	-21.6	=====	JET
		CL-SH	SILT/CLAY & SHELL
18.0	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,274,406	Northing(NAD83):	13,795,073
Hole Number:	ECP-217-A			Freeboard:	7.75
Time:	10:18			Tide:	0.13
Sounding Depth:	-10.2	Bottom of Probe:	-29.6 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.0	-17.1	=====	
		CL	SILT/CLAY
11.0	-21.1	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
19.5	-29.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,274,839	Northing(NAD83):	13,795,334
Hole Number:	ECP-218-A			Freeboard:	7.75
Time:	10:25			Tide:	0.15
Sounding Depth:	-10.2	Bottom of Probe:	-28.1 ft.	Penetration:	-18.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-16.6	=====	
		CL	SILT/CLAY
11.0	-21.1	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
18.0	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,082	Northing(NAD83):	13,794,890
Hole Number:	ECP-231-A			Freeboard:	7.75
Time:	10:32			Tide:	0.13
Sounding Depth:	-10.2	Bottom of Probe:	-26.1 ft.	Penetration:	-16.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-16.6	=====	
		SA	SAND
10.0	-20.1	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
16.0	-26.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,312	Northing(NAD83):	13,794,450
Hole Number:	ECP-242-A			Freeboard:	7.75
Time:	10:38			Tide:	0.12
Sounding Depth:	-10.2	Bottom of Probe:	-25.1 ft.	Penetration:	-15.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.0	-18.1	=====	
		CL	SILT/CLAY
10.0	-20.1	=====	BEGIN JET
		SA	SAND
15.0	-25.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,775	Northing(NAD83):	13,793,566
Hole Number:	ECP-269-A			Freeboard:	7.75
Time:	10:45			Tide:	0.11
Sounding Depth:	-10.0	Bottom of Probe:	-28.1 ft.	Penetration:	-18.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.2	-20.1	=====	
		CL	SILT/CLAY
12.2	-22.1	=====	BEGIN JET
		SA	SAND
18.2	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,034	Northing(NAD83):	13,793,118
Hole Number:	ECP-284-A			Freeboard:	7.75
Time:	10:50			Tide:	0.08
Sounding Depth:	-10.3	Bottom of Probe:	-27.7 ft.	Penetration:	-17.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.4	-20.7	=====	
		CL	SILT/CLAY
13.4	-23.7	=====	BEGIN JET
		SA	SAND
17.4	-27.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,255	Northing(NAD83):	13,792,676
Hole Number:	ECP-297-A			Freeboard:	7.75
Time:	10:57			Tide:	0.08
Sounding Depth:	-10.3	Bottom of Probe:	-45.2 ft.	Penetration:	-34.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-23.2	=====	
		CL	SILT/CLAY
17.4	-27.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
30.9	-41.2	=====	JET
		SA-SH	SAND & SHELL
34.9	-45.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,440	Northing(NAD83):	13,792,192
Hole Number:	ECP-312-A			Freeboard:	7.75
Time:	11:04			Tide:	0.09
Sounding Depth:	-10.4	Bottom of Probe:	-49.7 ft.	Penetration:	-39.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.3	-23.7	=====	
		CL	SILT/CLAY
23.8	-34.2	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
37.3	-47.7	=====	JET
		SA	SAND
39.3	-49.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,036	Northing(NAD83):	13,791,396
Hole Number:	ECP-339-A			Freeboard:	7.75
Time:	11:11			Tide:	0.19
Sounding Depth:	-10.3	Bottom of Probe:	-50.1 ft.	Penetration:	-39.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.8	-24.1	=====	
		CL	SILT/CLAY
15.8	-26.1	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
37.8	-48.1	=====	JET
		SA	SAND
39.8	-50.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,215	Northing(NAD83):	13,790,920
Hole Number:	ECP-353-A			Freeboard:	7.75
Time:	11:17			Tide:	0.05
Sounding Depth:	-10.4	Bottom of Probe:	-50.7 ft.	Penetration:	-40.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.8	-26.2	=====	
		CL	SILT/CLAY
18.3	-28.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
37.8	-48.2	=====	JET
		SA	SAND
40.3	-50.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,440	Northing(NAD83):	13,790,476
Hole Number:	ECP-367-A			Freeboard:	7.75
Time:	11:22			Tide:	0.08
Sounding Depth:	-10.3	Bottom of Probe:	-53.2 ft.	Penetration:	-42.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.4	-25.7	=====	
		CL	SILT/CLAY
19.9	-30.2	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
39.9	-50.2	=====	JET
		SA	SAND
42.9	-53.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,688	Northing(NAD83):	13,790,039
Hole Number:	ECP-379-A			Freeboard:	7.75
Time:	11:29			Tide:	0.09
Sounding Depth:	-10.4	Bottom of Probe:	-54.2 ft.	Penetration:	-43.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.7	-26.2	=====	
		SA-SH	SAND & SHELL
19.2	-29.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
39.7	-50.2	=====	JET
		SA	SAND
43.7	-54.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,929	Northing(NAD83):	13,789,609
Hole Number:	ECP-392-A			Freeboard:	7.75
Time:	11:35			Tide:	0.18
Sounding Depth:	-10.3	Bottom of Probe:	-55.1 ft.	Penetration:	-44.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.8	-24.1	=====	
		CL	SILT/CLAY
19.3	-29.6	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
38.8	-49.1	=====	JET
		CL-SH	SILT/CLAY & SHELL
44.8	-55.1	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,278,363	Northing(NAD83):	13,789,834
Hole Number:	ECP-391-A			Freeboard:	7.75
Time:	11:42			Tide:	0.03
Sounding Depth:	-10.3	Bottom of Probe:	-47.2 ft.	Penetration:	-37.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.0	-21.2	=====	
		CL-SH	SILT/CLAY & SHELL
22.5	-32.7	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
37.0	-47.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,278,133	Northing(NAD83):	13,790,287
Hole Number:	ECP-380-A			Freeboard:	7.75
Time:	11:49			Tide:	-0.01
Sounding Depth:	-10.3	Bottom of Probe:	-52.3 ft.	Penetration:	-42.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.5	-24.8	=====	
		CL	SILT/CLAY
21.0	-31.3	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
42.0	-52.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,898	Northing(NAD83):	13,790,721
Hole Number:	ECP-366-A			Freeboard:	7.75
Time:	11:57			Tide:	0.02
Sounding Depth:	-10.3	Bottom of Probe:	-44.2 ft.	Penetration:	-45.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.5	-24.7	=====	
		CL	SILT/CLAY
19.0	-29.2	=====	BEGIN JET
		CL	SILT/CLAY
32.0	-42.2	=====	JET
		SA	SAND
34.0	-44.2	=====	JET
		CL-SA	SILT/CLAY & SAND
45.0	-55.2	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,655	Northing(NAD83):	13,791,165
Hole Number:	ECP-354-A			Freeboard:	7.75
Time:	12:04			Tide:	0.12
Sounding Depth:	-10.4	Bottom of Probe:	-52.1 ft.	Penetration:	-44.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.7	-25.1	=====	
		CL	SILT/CLAY
19.7	-30.1	=====	BEGIN JET
		CL	SILT/CLAY
40.7	-51.1	=====	JET
		SA	SAND
41.7	-52.1	=====	JET
		CL-SA	SILT/CLAY & SAND
44.7	-55.1	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,420	Northing(NAD83):	13,791,603
Hole Number:	ECP-338-A			Freeboard:	7.75
Time:	12:12			Tide:	0
Sounding Depth:	-10.3	Bottom of Probe:	-46.3 ft.	Penetration:	-36.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.0	-25.3	=====	
		CL	SILT/CLAY
18.5	-28.8	=====	BEGIN JET
		CL	SILT/CLAY
36.0	-46.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,277,181	Northing(NAD83):	13,792,050
Hole Number:	ECP-325-A			Freeboard:	7.75
Time:	12:18			Tide:	0.04
Sounding Depth:	-10.4	Bottom of Probe:	-43.2 ft.	Penetration:	-36.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.4	-25.7	=====	
		CL	SILT/CLAY
18.9	-29.2	=====	BEGIN JET
		CL	SILT/CLAY
31.9	-42.2	=====	JET
		SA	SAND
32.9	-43.2	=====	JET
		CL-SH	SILT/CLAY & SHELL
36.9	-47.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,980	Northing(NAD83):	13,792,503
Hole Number:	ECP-311-A			Freeboard:	7.75
Time:	12:24			Tide:	0.09
Sounding Depth:	-10.4	Bottom of Probe:	-49.2 ft.	Penetration:	-41.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.8	-24.2	=====	
		CL	SILT/CLAY
18.8	-29.2	=====	BEGIN JET
		SA	SAND
33.8	-44.2	=====	JET
		SA-SH	SAND & SHELL
38.8	-49.2	=====	JET
		CL	SILT/CLAY
41.8	-52.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,715	Northing(NAD83):	13,792,926
Hole Number:	ECP-298-A			Freeboard:	7.75
Time:	12:30			Tide:	0.07
Sounding Depth:	-10.3	Bottom of Probe:	-31.2 ft.	Penetration:	-21.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.9	-22.2	=====	
		CL	SILT/CLAY
12.9	-23.2	=====	BEGIN JET
		SA	SAND
14.9	-25.2	=====	JET
		CL	SILT/CLAY
20.9	-31.2	=====	JET
		SA	SAND
21.9	-32.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,478	Northing(NAD83):	13,793,362
Hole Number:	ECP-283-A			Freeboard:	7.75
Time:	12:36			Tide:	0.13
Sounding Depth:	-10.3	Bottom of Probe:	-28.6 ft.	Penetration:	-18.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.9	-21.1	=====	
		SA	SAND
13.9	-24.1	=====	BEGIN JET
		SA	SAND
18.4	-28.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,988	Northing(NAD83):	13,794,240
Hole Number:	ECP-255-A			Freeboard:	7.75
Time:	12:42			Tide:	0.13
Sounding Depth:	-10.2	Bottom of Probe:	-32.1 ft.	Penetration:	-22.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.0	-20.1	=====	
		SA	SAND
13.0	-23.1	=====	BEGIN JET
		SA-SH	SAND & SHELL
22.0	-32.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,759	Northing(NAD83):	13,794,687
Hole Number:	ECP-243-A			Freeboard:	7.75
Time:	12:48			Tide:	0.14
Sounding Depth:	-10.2	Bottom of Probe:	-29.1 ft.	Penetration:	-19.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.0	-20.1	=====	
		CL	SILT/CLAY
12.5	-22.6	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
14.0	-24.1	=====	JET
		SA	SAND
19.0	-29.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,513	Northing(NAD83):	13,795,117
Hole Number:	ECP-230-A			Freeboard:	7.75
Time:	12:53			Tide:	0.14
Sounding Depth:	-10.2	Bottom of Probe:	-29.1 ft.	Penetration:	-19.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.0	-18.1	=====	
		CL	SILT/CLAY
11.5	-21.6	=====	BEGIN JET
		SA	SAND
13.0	-23.1	=====	JET
		SA	SAND
19.0	-29.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,727	Northing(NAD83):	13,795,809
Hole Number:	ECP-219-A			Freeboard:	7.75
Time:	13:03			Tide:	0.17
Sounding Depth:	-10.2	Bottom of Probe:	-32.6 ft.	Penetration:	-22.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.9	-18.1	=====	
		CL	SILT/CLAY
11.9	-22.1	=====	BEGIN JET
		SA	SAND
12.9	-23.1	=====	JET
		SC	SILT/CLAY
22.4	-32.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,275,948	Northing(NAD83):	13,795,367
Hole Number:	ECP-229-A			Freeboard:	7.75
Time:	13:15			Tide:	0.15
Sounding Depth:	-10.1	Bottom of Probe:	-28.1 ft.	Penetration:	-18.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.6	-18.6	=====	
		CL	SILT/CLAY
12.1	-22.1	=====	BEGIN JET
		SA	SAND
18.1	-28.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.23.19	Easting(NAD83):	3,276,201	Northing(NAD83):	13,794,919
Hole Number:	ECP-244-A			Freeboard:	7.75
Time:	13:23			Tide:	0.17
Sounding Depth:	-10.2	Bottom of Probe:	-30.1 ft.	Penetration:	-19.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.9	-19.1	=====	
		CL	SILT/CLAY
10.9	-21.1	=====	BEGIN JET
		SA	SAND
19.4	-29.6	=====	JET
		SA	SAND
19.9	-30.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,310	Northing(NAD83):	13,794,425
Hole Number:	ECP-254-A			Freeboard:	7.67
Time:	7:59			Tide:	0.89
Sounding Depth:	-10.2	Bottom of Probe:	-23.4 ft.	Penetration:	-13.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.3	-20.4	=====	
		CL	SILT/CLAY
11.3	-21.4	=====	BEGIN JET
		CL	SILT/CLAY
13.3	-23.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,516	Northing(NAD83):	13,793,955
Hole Number:	ECP-271-A			Freeboard:	7.67
Time:	8:20			Tide:	0.73
Sounding Depth:	-10.1	Bottom of Probe:	-26.1 ft.	Penetration:	-16.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.6	-20.6	=====	
		CL	SILT/CLAY
11.6	-21.6	=====	BEGIN JET
		SA	SAND
16.1	-26.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,153	Northing(NAD83):	13,796,041
Hole Number:	ECP-220-A			Freeboard:	7.67
Time:	8:34			Tide:	0.78
Sounding Depth:	-10.3	Bottom of Probe:	-30.6 ft.	Penetration:	-20.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.7	-19.1	=====	
		CL	SILT/CLAY
11.2	-21.6	=====	BEGIN JET
		SA-CL	SAND TO SILT/CLAY
20.2	-30.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND TO SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,597	Northing(NAD83):	13,796,266
Hole Number:	ECP-221-A			Freeboard:	7.67
Time:	8:40			Tide:	0.69
Sounding Depth:	-10.4	Bottom of Probe:	-32.1 ft.	Penetration:	-21.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.3	-20.6	=====	
		CL	SILT/CLAY
12.8	-23.1	=====	BEGIN JET
		SA	SAND
21.8	-32.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,039	Northing(NAD83):	13,796,502
Hole Number:	ECP-222-A			Freeboard:	7.67
Time:	8:46			Tide:	0.77
Sounding Depth:	-10.3	Bottom of Probe:	-31.6 ft.	Penetration:	-21.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.3	-20.6	=====	
		CL-SH	SILT/CLAY & SHELL
12.3	-22.6	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
19.3	-29.6	=====	JET
		SA	SAND
21.3	-31.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,483	Northing(NAD83):	13,796,732
Hole Number:	ECP-223-A			Freeboard:	7.67
Time:	8:52			Tide:	0.73
Sounding Depth:	-10.2	Bottom of Probe:	-29.6 ft.	Penetration:	-19.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.4	-20.6	=====	
		SA	SAND
12.4	-22.6	=====	BEGIN JET
		SA	SAND
19.4	-29.6	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,162	Northing(NAD83):	13,796,518
Hole Number:	ECP-224-A			Freeboard:	7.67
Time:	9:00			Tide:	0.72
Sounding Depth:	-10.2	Bottom of Probe:	-29.6 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
10.5	-20.6	=====	
		CL SILT/CLAY	BEGIN JET
13.5	-23.6	=====	
		SA SAND	JET
15.5	-25.6	=====	
		SA-CL SAND & SILT/CLAY	REFUSAL
19.5	-29.6	=====	

Character of Finish: REFUSAL IN SAND & SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,723	Northing(NAD83):	13,796,300
Hole Number:	ECP-225-A			Freeboard:	7.67
Time:	9:15			Tide:	0.63
Sounding Depth:	-10.0	Bottom of Probe:	-30.7 ft.	Penetration:	-20.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
10.8	-20.7	=====	
		CL-SA SILT/CLAY & SAND	BEGIN JET
13.8	-23.7	=====	
		SA SAND	REFUSAL
20.8	-30.7	=====	

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,274	Northing(NAD83):	13,796,060
Hole Number:	ECP-226-A			Freeboard:	7.67
Time:	9:22			Tide:	0.63
Sounding Depth:	-10.0	Bottom of Probe:	-32.7 ft.	Penetration:	-22.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.7	-20.7	=====	
		CL	SILT/CLAY
14.7	-24.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
22.7	-32.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY TO SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,833	Northing(NAD83):	13,795,843
Hole Number:	ECP-227-A			Freeboard:	7.67
Time:	9:29			Tide:	0.65
Sounding Depth:	-10.0	Bottom of Probe:	-31.7 ft.	Penetration:	-21.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.2	-20.2	=====	
		CL	SILT/CLAY
13.7	-23.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
19.7	-29.7	=====	JET
		SA	SAND
21.7	-31.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,387	Northing(NAD83):	13,795,602
Hole Number:	ECP-228-A			Freeboard:	7.67
Time:	9:35			Tide:	0.43
Sounding Depth:	-10.0	Bottom of Probe:	-31.9 ft.	Penetration:	-21.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.9	-19.9	=====	
		CL	SILT/CLAY
12.9	-22.9	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
18.9	-28.9	=====	JET
		SA	SAND
21.9	-31.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,632	Northing(NAD83):	13,795,155
Hole Number:	ECP-245-A			Freeboard:	7.67
Time:	9:44			Tide:	0.64
Sounding Depth:	-10.1	Bottom of Probe:	-32.2 ft.	Penetration:	-22.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
9.6	-19.7	=====	
		SA	SAND
13.6	-23.7	=====	BEGIN JET
		SA	SAND
22.1	-32.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,065	Northing(NAD83):	13,795,395
Hole Number:	ECP-246-A			Freeboard:	7.67
Time:	9:51			Tide:	0.57
Sounding Depth:	-10.2	Bottom of Probe:	-29.3 ft.	Penetration:	-19.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.6	-20.8	=====	
		CL	SILT/CLAY
11.6	-21.8	=====	BEGIN JET
		CL	SILT/CLAY
19.1	-29.3	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,519	Northing(NAD83):	13,795,617
Hole Number:	ECP-247-A			Freeboard:	7.67
Time:	9:58			Tide:	0.51
Sounding Depth:	-10.3	Bottom of Probe:	-29.3 ft.	Penetration:	-19.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.1	-20.3	=====	
		CL	SILT/CLAY
13.1	-23.3	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
18.6	-28.8	=====	JET
		SA	SAND
19.1	-29.3	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,953	Northing(NAD83):	13,795,854
Hole Number:	ECP-248-A			Freeboard:	7.67
Time:	10:04			Tide:	0.6
Sounding Depth:	-10.3	Bottom of Probe:	-29.7 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.0	-21.2	=====	
		CL	SILT/CLAY
13.5	-23.7	=====	BEGIN JET
		SA	SAND
14.5	-24.7	=====	JET
		SA	SAND
19.5	-29.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,399	Northing(NAD83):	13,796,113
Hole Number:	ECP-249-A			Freeboard:	7.67
Time:	10:10			Tide:	0.38
Sounding Depth:	-10.3	Bottom of Probe:	-31. ft.	Penetration:	-20.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.7	-22.0	=====	
		SA	SAND
13.7	-24.0	=====	BEGIN JET
		SA	SAND
20.7	-31.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,638	Northing(NAD83):	13,795,660
Hole Number:	ECP-250-A			Freeboard:	7.67
Time:	10:21			Tide:	0.44
Sounding Depth:	-10.3	Bottom of Probe:	-31.4 ft.	Penetration:	-21.1 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.6	-21.9	=====
		SA SAND BEGIN JET
14.6	-24.9	=====
		SA SAND REFUSAL
21.1	-31.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,198	Northing(NAD83):	13,795,414
Hole Number:	ECP-251-A			Freeboard:	7.67
Time:	10:27			Tide:	0.47
Sounding Depth:	-10.2	Bottom of Probe:	-28.9 ft.	Penetration:	-18.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
11.7	-21.9	=====
		SA SAND BEGIN JET
13.7	-23.9	=====
		SA-CL SAND & SILT/CLAY REFUSAL
18.7	-28.9	=====

Character of Finish:	REFUSAL IN SAND & SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,875	Northing(NAD83):	13,795,255
Hole Number:	ECP-252-A			Freeboard:	7.67
Time:	10:33			Tide:	0.43
Sounding Depth:	-10.3	Bottom of Probe:	-31.4 ft.	Penetration:	-21.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.7	-21.9	=====
		SA SAND BEGIN JET
13.7	-23.9	=====
		SA SAND REFUSAL
21.2	-31.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,864	Northing(NAD83):	13,794,725
Hole Number:	ECP-253-A			Freeboard:	7.67
Time:	10:39			Tide:	0.47
Sounding Depth:	-10.2	Bottom of Probe:	-29.4 ft.	Penetration:	-19.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
10.7	-20.9	=====
		SA SAND BEGIN JET
12.7	-22.9	=====
		SA SAND REFUSAL
19.2	-29.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,110	Northing(NAD83):	13,794,278
Hole Number:	ECP-272-A			Freeboard:	7.67
Time:	10:49			Tide:	0.54
Sounding Depth:	-10.1	Bottom of Probe:	-30.8 ft.	Penetration:	-20.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
10.7	-20.8	=====
		SA SAND BEGIN JET
13.7	-23.8	=====
		SA SAND REFUSAL
20.7	-30.8	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,542	Northing(NAD83):	13,794,517
Hole Number:	ECP-273-A			Freeboard:	7.67
Time:	10:56			Tide:	0.37
Sounding Depth:	-10.1	Bottom of Probe:	-32. ft.	Penetration:	-21.9 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
11.4	-21.5	=====
		SA SAND BEGIN JET
13.9	-24.0	=====
		SA SAND REFUSAL
21.9	-32.0	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,980	Northing(NAD83):	13,794,737
Hole Number:	ECP-274-A			Freeboard:	7.67
Time:	11:03			Tide:	0.42
Sounding Depth:	-10.1	Bottom of Probe:	-31.4 ft.	Penetration:	-21.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
11.4	-21.4	=====
		SA SAND BEGIN JET
14.4	-24.4	=====
		SA SAND REFUSAL
21.4	-31.4	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,432	Northing(NAD83):	13,794,984
Hole Number:	ECP-275-A			Freeboard:	7.67
Time:	11:08			Tide:	0.45
Sounding Depth:	-10.1	Bottom of Probe:	-31.4 ft.	Penetration:	-21.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
11.8	-21.9	=====
		SA SAND BEGIN JET
13.8	-23.9	=====
		SA SAND REFUSAL
21.3	-31.4	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,871	Northing(NAD83):	13,795,235
Hole Number:	ECP-276-A			Freeboard:	7.67
Time:	11:14			Tide:	0.4
Sounding Depth:	-10.2	Bottom of Probe:	-32.9 ft.	Penetration:	-22.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
12.8	-22.9	=====	
		CL SILT/CLAY	BEGIN JET
14.8	-24.9	=====	
		CL SILT/CLAY	REFUSAL
22.8	-32.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,095	Northing(NAD83):	13,794,794
Hole Number:	ECP-277-A			Freeboard:	7.67
Time:	11:23			Tide:	0.45
Sounding Depth:	-10.1	Bottom of Probe:	-31.9 ft.	Penetration:	-21.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
11.8	-21.9	=====	
		CL SILT/CLAY	BEGIN JET
15.8	-25.9	=====	
		SA SAND	JET
18.8	-28.9	=====	
		SA SAND	REFUSAL
21.8	-31.9	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,662	Northing(NAD83):	13,794,549
Hole Number:	ECP-278-A			Freeboard:	7.67
Time:	11:29			Tide:	0.44
Sounding Depth:	-10.1	Bottom of Probe:	-29.9 ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.8	-23.9	=====	
		CL	SILT/CLAY
15.8	-25.9	=====	BEGIN JET
		SA	SAND
19.8	-29.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,344	Northing(NAD83):	13,794,374
Hole Number:	ECP-279-A			Freeboard:	7.67
Time:	11:35			Tide:	0.44
Sounding Depth:	-10.2	Bottom of Probe:	-29.9 ft.	Penetration:	-19.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.7	-21.9	=====	
		CL	SILT/CLAY
13.7	-23.9	=====	BEGIN JET
		SA	SAND
18.7	-28.9	=====	JET
		SA	SAND
19.7	-29.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,775	Northing(NAD83):	13,794,081
Hole Number:	ECP-280-A			Freeboard:	7.67
Time:	11:41			Tide:	0.4
Sounding Depth:	-10.3	Bottom of Probe:	-29.9 ft.	Penetration:	-19.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.2	-21.4	=====
		SA SAND BEGIN JET
13.7	-23.9	=====
		CL-SA SILT/CLAY & SAND REFUSAL
19.7	-29.9	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,347	Northing(NAD83):	13,793,822
Hole Number:	ECP-281-A			Freeboard:	7.67
Time:	11:46			Tide:	0.52
Sounding Depth:	-10.3	Bottom of Probe:	-29.8 ft.	Penetration:	-19.6 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.1	-21.3	=====
		SA SAND BEGIN JET
14.1	-24.3	=====
		SA-SH SAND & SHELL JET
16.6	-26.8	=====
		SA SAND REFUSAL
19.6	-29.8	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,276,902	Northing(NAD83):	13,793,607
Hole Number:	ECP-282-A			Freeboard:	7.67
Time:	11:51			Tide:	0.21
Sounding Depth:	-10.3	Bottom of Probe:	-30.6 ft.	Penetration:	-20.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.9	-22.1	=====
		SA SAND BEGIN JET
12.4	-22.6	=====
		SA-SH SAND & SHELL REFUSAL
20.4	-30.6	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,153	Northing(NAD83):	13,793,161
Hole Number:	ECP-299-A			Freeboard:	7.67
Time:	11:59			Tide:	0.47
Sounding Depth:	-10.3	Bottom of Probe:	-32.9 ft.	Penetration:	-22.6 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.6	-21.9	=====
		SA SAND BEGIN JET
14.6	-24.9	=====
		SA-SH SAND & SHELL REFUSAL
22.6	-32.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,574	Northing(NAD83):	13,793,410
Hole Number:	ECP-300-A			Freeboard:	7.67
Time:	12:07			Tide:	0.32
Sounding Depth:	-10.2	Bottom of Probe:	-29. ft.	Penetration:	-21.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.8	-22.0	=====	
		CL-SA	SILT/CLAY & SAND
12.8	-23.0	=====	BEGIN JET
		CL	SILT/CLAY
13.8	-24.0	=====	JET
		SA	SAND
18.8	-29.0	=====	JET
		SA	SAND
21.8	-32.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,018	Northing(NAD83):	13,793,632
Hole Number:	ECP-301-A			Freeboard:	7.67
Time:	12:13			Tide:	0.38
Sounding Depth:	-10.3	Bottom of Probe:	-31.5 ft.	Penetration:	-21.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.7	-23.0	=====	
		SA-CL	SAND TO SILT/CLAY
14.7	-25.0	=====	BEGIN JET
		CL	SILT/CLAY
17.7	-28.0	=====	JET
		SAND	SAND
21.2	-31.5	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,470	Northing(NAD83):	13,793,874
Hole Number:	ECP-302-A			Freeboard:	7.67
Time:	12:19			Tide:	0.37
Sounding Depth:	-10.2	Bottom of Probe:	-31.5 ft.	Penetration:	-21.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.3	-22.5	=====	
		CL	SILT/CLAY
15.8	-26.0	=====	BEGIN JET
		SA	SAND
16.8	-27.0	=====	JET
		SA	SAND
21.3	-31.5	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,893	Northing(NAD83):	13,794,118
Hole Number:	ECP-303-A			Freeboard:	7.67
Time:	12:25			Tide:	0.38
Sounding Depth:	-10.2	Bottom of Probe:	-34. ft.	Penetration:	-23.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.8	-23.0	=====	
		CL-SA	SILT/CLAY TO SAND
16.8	-27.0	=====	BEGIN JET
		SA-SH	SAND & SHELL
23.8	-34.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,332	Northing(NAD83):	13,794,356
Hole Number:	ECP-304-A			Freeboard:	7.67
Time:	12:31			Tide:	0.49
Sounding Depth:	-10.2	Bottom of Probe:	-29.8 ft.	Penetration:	-36.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.2	-25.3	=====	
		SA	SAND BEGIN JET
16.7	-26.8	=====	
		SA	SAND JET
18.7	-28.8	=====	
		SA-SH	SAND & SHELL JET
19.7	-29.8	=====	
		CL	SILT/CLAY REFUSAL
36.7	-46.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,580	Northing(NAD83):	13,793,912
Hole Number:	ECP-305-A			Freeboard:	7.67
Time:	12:41			Tide:	0.41
Sounding Depth:	-10.2	Bottom of Probe:	-29.9 ft.	Penetration:	-36.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.7	-24.9	=====	
		SA	SAND BEGIN JET
17.2	-27.4	=====	
		SA	SAND JET
18.7	-28.9	=====	
		SA-SH	SAND & SHELL JET
19.7	-29.9	=====	
		CL	SILT/CLAY REFUSAL
36.7	-46.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,140	Northing(NAD83):	13,793,682
Hole Number:	ECP-306-A			Freeboard:	7.67
Time:	12:48			Tide:	0.48
Sounding Depth:	-10.4	Bottom of Probe:	-51.9 ft.	Penetration:	-41.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.4	-23.9	=====	
		SA	SAND
16.4	-26.9	=====	
		SA	SAND
18.4	-28.9	=====	
		CL	SILT/CLAY
41.4	-51.9	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,694	Northing(NAD83):	13,793,443
Hole Number:	ECP-307-A			Freeboard:	7.67
Time:	12:53			Tide:	0.48
Sounding Depth:	-10.3	Bottom of Probe:	-30.9 ft.	Penetration:	-22.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.1	-23.4	=====	
		CL	SILT/CLAY
16.6	-26.9	=====	
		CL	SILT/CLAY
18.6	-28.9	=====	
		SA	SAND
20.6	-30.9	=====	
		CL	SILT/CLAY
22.6	-32.9	=====	

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,339	Northing(NAD83):	13,793,222
Hole Number:	ECP-308-A			Freeboard:	7.67
Time:	12:59			Tide:	0.32
Sounding Depth:	-10.3	Bottom of Probe:	-35.5 ft.	Penetration:	-25.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
12.8	-23.0	=====
		SA SAND BEGIN JET
14.8	-25.0	=====
		SA-SH SAND & SHELL JET
21.8	-32.0	=====
		SA-SH SAND & SHELL REFUSAL
25.3	-35.5	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,816	Northing(NAD83):	13,792,957
Hole Number:	ECP-309-A			Freeboard:	7.67
Time:	13:05			Tide:	0.43
Sounding Depth:	-10.3	Bottom of Probe:	-31.9 ft.	Penetration:	-21.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
11.2	-21.4	=====
		SA SAND BEGIN JET
16.7	-26.9	=====
		SA-SH SAND & SHELL REFUSAL
21.7	-31.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,374	Northing(NAD83):	13,792,735
Hole Number:	ECP-310-A			Freeboard:	7.67
Time:	13:11			Tide:	0.38
Sounding Depth:	-10.4	Bottom of Probe:	-48. ft.	Penetration:	-37.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.6	-23.0	=====	
		SA-CL	SAND & SILT/CLAY
19.1	-29.5	=====	BEGIN JET
		CL	SILT/CLAY
37.6	-48.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,624	Northing(NAD83):	13,792,280
Hole Number:	ECP-326-A			Freeboard:	7.67
Time:	13:18			Tide:	0.56
Sounding Depth:	-10.3	Bottom of Probe:	-46.8 ft.	Penetration:	-36.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.0	-20.3	=====	
		SA	SAND
10.5	-20.8	=====	BEGIN JET
		CL-SH	SILT/CLAY
11.5	-21.8	=====	JET
		CL	SILT/CLAY
36.5	-46.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,277,844	Northing(NAD83):	13,791,832
Hole Number:	ECP-337-A			Freeboard:	7.67
Time:	13:23			Tide:	0.56
Sounding Depth:	-10.3	Bottom of Probe:	-51.8 ft.	Penetration:	-44.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.5	-22.8	=====	
		CL-SH	SILT/CLAY & SHELL
16.5	-26.8	=====	BEGIN JET
		SH	SHELL
17.5	-27.8	=====	JET
		CL-SH	SILT/CLAY & SHELL
41.5	-51.8	=====	JET
		CL	SILT/CLAY
44.5	-54.8	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,080	Northing(NAD83):	13,791,412
Hole Number:	ECP-355-A			Freeboard:	7.67
Time:	13:30			Tide:	0.48
Sounding Depth:	-10.3	Bottom of Probe:	-54.9 ft.	Penetration:	-44.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.6	-24.9	=====	
		CL	SILT/CLAY
20.6	-30.9	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
44.6	-54.9	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,334	Northing(NAD83):	13,790,968
Hole Number:	ECP-365-A			Freeboard:	7.67
Time:	13:36			Tide:	0.54
Sounding Depth:	-10.4	Bottom of Probe:	-46.8 ft.	Penetration:	-36.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.4	-24.8	=====	
		CL-SH	SILT/CLAY & SHELL
18.4	-28.8	=====	BEGIN JET
		CL	SILT/CLAY
36.4	-46.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,559	Northing(NAD83):	13,790,522
Hole Number:	ECP-381-A			Freeboard:	7.67
Time:	13:41			Tide:	0.54
Sounding Depth:	-10.4	Bottom of Probe:	-49.8 ft.	Penetration:	-39.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.4	-24.8	=====	
		CL	SILT/CLAY
14.9	-25.3	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
39.4	-49.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,238	Northing(NAD83):	13,790,308
Hole Number:	ECP-390-A			Freeboard:	7.67
Time:	13:48			Tide:	0.63
Sounding Depth:	-10.3	Bottom of Probe:	-43.7 ft.	Penetration:	-44.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
17.5	-27.7	=====
		SA SAND BEGIN JET
23.5	-33.7	=====
		CL SILT/CLAY JET
31.5	-41.7	=====
		SA SAND JET
33.5	-43.7	=====
		SA SAND NO REFUSAL
44.5	-54.7	=====

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,016	Northing(NAD83):	13,790,763
Hole Number:	ECP-382-A			Freeboard:	7.67
Time:	13:59			Tide:	0.67
Sounding Depth:	-10.3	Bottom of Probe:	-52.7 ft.	Penetration:	-42.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
18.9	-29.2	=====
		CL SILT/CLAY BEGIN JET
21.4	-31.7	=====
		CL SILT/CLAY JET
41.4	-51.7	=====
		SA SAND REFUSAL
42.4	-52.7	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,771	Northing(NAD83):	13,791,203
Hole Number:	ECP-364-A			Freeboard:	7.67
Time:	14:05			Tide:	0.55
Sounding Depth:	-10.3	Bottom of Probe:	-43.8 ft.	Penetration:	-44.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
19.5	-29.8	=====	
		SA	SAND
21.0	-31.3	=====	
		SA	SAND
22.5	-32.8	=====	
		CL	SILT/CLAY
33.5	-43.8	=====	
		SA	SAND
44.5	-54.8	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,524	Northing(NAD83):	13,791,642
Hole Number:	ECP-356-A			Freeboard:	7.67
Time:	14:12			Tide:	0.73
Sounding Depth:	-10.3	Bottom of Probe:	-54.6 ft.	Penetration:	-44.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
10.4	-20.6	=====	
		SA	SAND
20.4	-30.6	=====	
		SA	SAND
44.4	-54.6	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,291	Northing(NAD83):	13,792,083
Hole Number:	ECP-336-A			Freeboard:	7.67
Time:	14:20			Tide:	0.73
Sounding Depth:	-10.3	Bottom of Probe:	-43.6 ft.	Penetration:	-33.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
11.4	-21.6	=====	
		SA-CL	SAND TO SILT/CLAY
17.9	-28.1	=====	BEGIN JET
		CL	SILT/CLAY
33.4	-43.6	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,051	Northing(NAD83):	13,792,513
Hole Number:	ECP-327-A			Freeboard:	7.67
Time:	14:25			Tide:	0.68
Sounding Depth:	-10.3	Bottom of Probe:	-41.7 ft.	Penetration:	-31.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.3	-22.7	=====	
		SA-CL	SAND & SILT/CLAY
18.3	-28.7	=====	BEGIN JET
		SA	SAND
25.3	-35.7	=====	JET
		SA-CL	SAND TO SILT/CLAY
31.3	-41.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND TO SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,489	Northing(NAD83):	13,792,758
Hole Number:	ECP-328-A			Freeboard:	7.67
Time:	14:46			Tide:	0.85
Sounding Depth:	-10.3	Bottom of Probe:	-44. ft.	Penetration:	-33.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.2	-25.5	=====	
		CL	SILT/CLAY
18.2	-28.5	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
31.2	-41.5	=====	JET
		SA	SAND
33.7	-44.0	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,722	Northing(NAD83):	13,792,303
Hole Number:	ECP-335-A			Freeboard:	7.67
Time:	14:52			Tide:	0.82
Sounding Depth:	-10.2	Bottom of Probe:	-46.5 ft.	Penetration:	-36.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.4	-22.5	=====	
		CL	SILT/CLAY TO SAND
17.4	-27.5	=====	BEGIN JET
		SA	SAND
20.4	-30.5	=====	JET
		SA	SAND
36.4	-46.5	=====	REFUSAL

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,964	Northing(NAD83):	13,791,864
Hole Number:	ECP-357-A			Freeboard:	7.67
Time:	14:57			Tide:	0.84
Sounding Depth:	-10.2	Bottom of Probe:	-31.5 ft.	Penetration:	-44.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
15.3	-25.5	=====	
		SH SHELL	BEGIN JET
17.3	-27.5	=====	
		CL SILT/CLAY	JET
20.3	-30.5	=====	
		SH SHELL	JET
21.3	-31.5	=====	
		CL-SH SILT/CLAY & SHELL	NO REFUSAL
44.3	-54.5	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,203	Northing(NAD83):	13,791,420
Hole Number:	ECP-363-A			Freeboard:	7.67
Time:	15:02			Tide:	0.95
Sounding Depth:	-10.2	Bottom of Probe:	-54.4 ft.	Penetration:	-44.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
17.7	-27.9	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
19.2	-29.4	=====	
		CL-SH SILT/CLAY & SHELL	NO REFUSAL
44.2	-54.4	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,431	Northing(NAD83):	13,790,989
Hole Number:	ECP-383-A			Freeboard:	7.67
Time:	15:07			Tide:	0.92
Sounding Depth:	-10.2	Bottom of Probe:	-52.4 ft.	Penetration:	-43.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
16.3	-26.4	=====	
		CL-SA	SILT/CLAY TO SAND
18.8	-28.9	=====	BEGIN JET
		CL	SILT/CLAY
41.3	-51.4	=====	JET
		SH	SHELL
42.3	-52.4	=====	JET
		CL-SH	SILT/CLAY & SHELL
43.3	-53.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,688	Northing(NAD83):	13,790,561
Hole Number:	ECP-389-A			Freeboard:	7.67
Time:	15:14			Tide:	0.89
Sounding Depth:	-10.2	Bottom of Probe:	-51.4 ft.	Penetration:	-41.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
17.3	-27.4	=====	
		CL-SA	SILT/CLAY TO SAND
19.3	-29.4	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
41.3	-51.4	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,280,047	Northing(NAD83):	13,790,750
Hole Number:	ECP-388-A			Freeboard:	7.67
Time:	15:23			Tide:	1.02
Sounding Depth:	-10.2	Bottom of Probe:	-43.3 ft.	Penetration:	-43.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
4.7	-14.8	=====
		SA SAND BEGIN JET
11.2	-21.3	=====
		SA SAND JET
24.2	-34.3	=====
		CL SILT/CLAY JET
33.2	-43.3	=====
		SA SAND REFUSAL
43.2	-53.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,861	Northing(NAD83):	13,791,217
Hole Number:	ECP-384-A			Freeboard:	7.67
Time:	15:29			Tide:	0.99
Sounding Depth:	-10.2	Bottom of Probe:	-43.3 ft.	Penetration:	-43.2 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
7.2	-17.3	=====
		SA SAND BEGIN JET
9.2	-19.3	=====
		CL SILT/CLAY JET
31.2	-41.3	=====
		SA SAND JET
33.2	-43.3	=====
		CL-SA SILT/CLAY TO SAND REFUSAL
43.2	-53.3	=====

Character of Finish:	REFUSAL IN SILT/CLAY TO SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,653	Northing(NAD83):	13,791,680
Hole Number:	ECP-362-A			Freeboard:	7.67
Time:	15:35			Tide:	1.1
Sounding Depth:	-10.2	Bottom of Probe:	-51.2 ft.	Penetration:	-41.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.1	-18.2	=====	
		CL	SILT/CLAY
10.1	-20.2	=====	BEGIN JET
		CL	SILT/CLAY
41.1	-51.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,419	Northing(NAD83):	13,792,121
Hole Number:	ECP-358-A			Freeboard:	7.67
Time:	15:41			Tide:	0.94
Sounding Depth:	-10.3	Bottom of Probe:	-54.4 ft.	Penetration:	-44.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.1	-18.4	=====	
		SA	SAND
11.1	-21.4	=====	BEGIN JET
		SA	SAND
44.1	-54.4	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,181	Northing(NAD83):	13,792,561
Hole Number:	ECP-334-A			Freeboard:	7.67
Time:	15:47			Tide:	1.07
Sounding Depth:	-10.0	Bottom of Probe:	-51.3 ft.	Penetration:	-41.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
13.2	-23.3	=====	
		SA	SAND
18.7	-28.8	=====	BEGIN JET
		CL-SA	SILT/CLAY & SAND
41.2	-51.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,278,954	Northing(NAD83):	13,792,992
Hole Number:	ECP-329-A			Freeboard:	7.67
Time:	15:51			Tide:	1.03
Sounding Depth:	-9.5	Bottom of Probe:	-48.3 ft.	Penetration:	-38.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
12.9	-22.3	=====	
		SA-SH	SAND & SHELL
17.9	-27.3	=====	BEGIN JET
		SA-CL	SAND & SILT/CLAY
38.9	-48.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,803	Northing(NAD83):	13,793,459
Hole Number:	ECP-331-A			Freeboard:	7.67
Time:	16:01			Tide:	1.11
Sounding Depth:	-10.3	Bottom of Probe:	-53.2 ft.	Penetration:	-43.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
15.0	-25.2	=====	
		CL	SILT/CLAY
18.5	-28.7	=====	BEGIN JET
		SA	SAND
41.0	-51.2	=====	JET
		SA-SH	SAND & SHELL
43.0	-53.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,280,041	Northing(NAD83):	13,793,014
Hole Number:	ECP-332-A			Freeboard:	7.67
Time:	16:08			Tide:	1.18
Sounding Depth:	-10.3	Bottom of Probe:	-54.2 ft.	Penetration:	-43.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
17.9	-28.2	=====	
		CL	SILT/CLAY
20.4	-30.7	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
25.9	-36.2	=====	JET
		SA-SH	SAND & SHELL
43.9	-54.2	=====	NO REFUSAL

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,280,290	Northing(NAD83):	13,792,581
Hole Number:	ECP-360-A			Freeboard:	7.67
Time:	16:15			Tide:	1.14
Sounding Depth:	-10.2	Bottom of Probe:	-54.2 ft.	Penetration:	-44.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
19.0	-29.2	=====	
		SA	SAND
			BEGIN JET
20.0	-30.2	=====	
		CL-SH	SILT/CLAY & SHELL
			NO REFUSAL
44.0	-54.2	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,280,091	Northing(NAD83):	13,791,907
Hole Number:	ECP-361-A			Freeboard:	7.67
Time:	16:20			Tide:	1.26
Sounding Depth:	-10.2	Bottom of Probe:	-51.6 ft.	Penetration:	-41.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
17.9	-28.1	=====	
		SA-SH	SAND & SHELL
			BEGIN JET
19.9	-30.1	=====	
		SA-SH	SAND & SHELL
			JET
31.9	-42.1	=====	
		CL-SH	SILT/CLAY & SHELL
			REFUSAL
41.4	-51.6	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,863	Northing(NAD83):	13,792,341
Hole Number:	ECP-359-A			Freeboard:	7.67
Time:	16:27			Tide:	1.3
Sounding Depth:	-10.3	Bottom of Probe:	-54. ft.	Penetration:	-43.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
14.8	-25.0	=====	
		SA-SH	SAND & SHELL
			BEGIN JET
21.3	-31.5	=====	
		CL-SH	SILT/CLAY & SHELL
			NO REFUSAL
43.8	-54.0	=====	

Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,619	Northing(NAD83):	13,792,793
Hole Number:	ECP-333-A			Freeboard:	7.67
Time:	16:32			Tide:	1.31
Sounding Depth:	-10.3	Bottom of Probe:	-54. ft.	Penetration:	-43.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
17.7	-28.0	=====	
		CL	SILT/CLAY
			BEGIN JET
20.7	-31.0	=====	
		CL	SILT/CLAY
			JET
42.7	-53.0	=====	
		CL-SH	SILT/CLAY & SHELL
			NO REFUSAL
43.7	-54.0	=====	

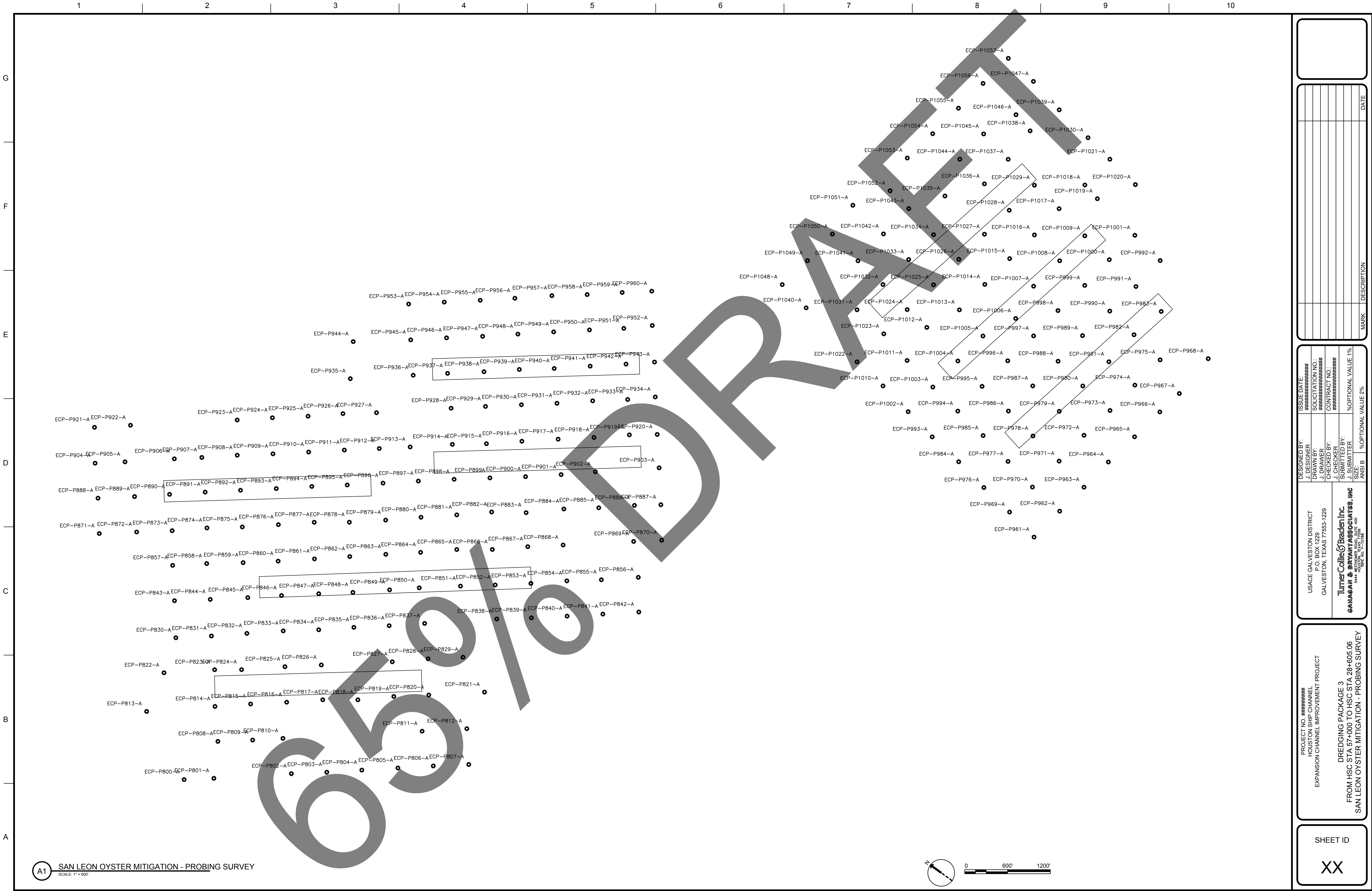
Character of Finish: REFUSAL IN ERROR **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	Faucheux Services
Location:	Bird Island Marsh	Engineer:	CH/JBr/NM
		Vessel:	Capt. Wayne Taylor

Date:	11.24.19	Easting(NAD83):	3,279,386	Northing(NAD83):	13,793,214
Hole Number:	ECP-330-A			Freeboard:	7.67
Time:	16:39			Tide:	1.26
Sounding Depth:	-9.3	Bottom of Probe:	-51.1 ft.	Penetration:	-41.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.8	-12.1	=====	
		CL	SILT/CLAY
14.8	-24.1	=====	BEGIN JET
		CL-SA	SILT/CLAY TO SAND
41.8	-51.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY TO SAND	DATUM:	MLLW
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A1 SAN LEON OYSTER MITIGATION - PROBING SURVEY
SCALE: 1" = 600'



PROJECT NO. ##### HOUSTON SHIP CHANNEL EXPANSION CHANNEL IMPROVEMENT PROJECT		DREDGING PACKAGE 3 FROM HSC STA 57+000 TO HSC STA 28+605.06 SAN LEON OYSTER MITIGATION - PROBING SURVEY		SHEET ID XX					
USACE GALVESTON DISTRICT P.O. BOX 1229 GALVESTON, TEXAS 77553-1229		Turner Collier & Braden, Inc. 5444 WESTERN ROAD, SUITE 400 HOUSTON, TEXAS 77056 TELEPHONE: 713-865-1234 FAX: 713-865-1235		ISSUE DATE: ##### DESIGNED BY: J. DESIGNER DRAWN BY: J. DESIGNER CHECKED BY: J. CHECKER SUBMITTED BY: J. SUBMITTER SIZE: ANS B		SOLICITATION NO.: ##### CONTRACT NO.: ##### %OPTIONAL VALUE 1% %OPTIONAL VALUE 2%		MARK DESCRIPTION DATE	

SAN LEON OYSTER MITIGATION SITE PROBING COORDINATES (SHEET 1 OF 3)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-P807-A	13,757,050.99	3,249,595.43	ECP-P847-A	13,759,447.74	3,247,490.76
ECP-P806-A	13,757,030.62	3,249,097.87	ECP-P848-A	13,759,466.78	3,247,970.03
ECP-P805-A	13,757,002.33	3,248,601.20	ECP-P849-A	13,759,502.14	3,248,484.98
ECP-P804-A	13,756,972.30	3,248,094.96	ECP-P850-A	13,759,530.66	3,248,900.86
ECP-P803-A	13,756,942.43	3,247,604.07	ECP-P851-A	13,759,554.60	3,249,479.24
ECP-P802-A	13,756,922.20	3,247,107.10	ECP-P852-A	13,759,571.06	3,249,966.17
ECP-P801-A	13,756,856.90	3,246,020.08	ECP-P853-A	13,759,592.53	3,250,467.01
ECP-P800-A	13,756,839.31	3,245,602.69	ECP-P854-A	13,759,628.11	3,250,971.06
ECP-P808-A	13,757,375.09	3,246,076.11	ECP-P855-A	13,759,643.59	3,251,455.50
ECP-P809-A	13,757,393.86	3,246,563.85	ECP-P856-A	13,759,677.93	3,251,973.72
ECP-P810-A	13,757,417.34	3,246,988.59	ECP-P870-A	13,760,198.94	3,252,301.38
ECP-P811-A	13,757,518.07	3,248,941.29	ECP-P869-A	13,760,181.36	3,251,908.40
ECP-P812-A	13,757,553.14	3,249,567.88	ECP-P868-A	13,760,130.76	3,250,918.72
ECP-P821-A	13,758,066.51	3,249,816.59	ECP-P867-A	13,760,108.17	3,250,423.34
ECP-P820-A	13,758,026.25	3,249,034.64	ECP-P866-A	13,760,068.57	3,249,925.74
ECP-P819-A	13,758,005.47	3,248,544.21	ECP-P865-A	13,760,067.60	3,249,427.25
ECP-P818-A	13,757,958.80	3,248,039.90	ECP-P864-A	13,760,027.80	3,248,919.66
ECP-P817-A	13,757,959.32	3,247,546.86	ECP-P863-A	13,760,000.51	3,248,431.33
ECP-P816-A	13,757,925.12	3,247,041.06	ECP-P862-A	13,759,969.31	3,247,925.78
ECP-P815-A	13,757,900.00	3,246,534.87	ECP-P861-A	13,759,936.01	3,247,431.15
ECP-P814-A	13,757,865.64	3,246,035.80	ECP-P860-A	13,759,904.45	3,246,921.71
ECP-P813-A	13,757,795.67	3,245,076.64	ECP-P859-A	13,759,883.54	3,246,430.48
ECP-P822-A	13,758,338.39	3,245,320.43	ECP-P858-A	13,759,870.55	3,245,919.19
ECP-P823-A	13,758,381.20	3,246,030.46	ECP-P857-A	13,759,845.75	3,245,441.31
ECP-P824-A	13,758,382.03	3,246,408.35	ECP-P871-A	13,760,292.32	3,244,412.23
ECP-P825-A	13,758,423.49	3,247,016.80	ECP-P872-A	13,760,314.03	3,244,937.04
ECP-P826-A	13,758,447.70	3,247,526.92	ECP-P873-A	13,760,332.23	3,245,434.60
ECP-P827-A	13,758,492.25	3,248,522.03	ECP-P874-A	13,760,370.81	3,245,922.98
ECP-P828-A	13,758,533.74	3,249,024.50	ECP-P875-A	13,760,384.34	3,246,418.69
ECP-P829-A	13,758,556.78	3,249,514.29	ECP-P876-A	13,760,417.29	3,246,924.77
ECP-P842-A	13,759,190.48	3,251,981.09	ECP-P877-A	13,760,450.21	3,247,427.65
ECP-P841-A	13,759,161.51	3,251,476.47	ECP-P878-A	13,760,450.55	3,247,920.77
ECP-P840-A	13,759,133.23	3,250,974.78	ECP-P879-A	13,760,480.85	3,248,429.47
ECP-P839-A	13,759,109.57	3,250,474.05	ECP-P880-A	13,760,520.56	3,248,925.27
ECP-P838-A	13,759,093.34	3,249,988.50	ECP-P881-A	13,760,554.12	3,249,426.75
ECP-P837-A	13,759,030.88	3,248,976.41	ECP-P882-A	13,760,594.65	3,249,916.10
ECP-P836-A	13,758,998.93	3,248,479.08	ECP-P883-A	13,760,585.19	3,250,399.99
ECP-P835-A	13,758,975.49	3,247,984.07	ECP-P884-A	13,760,636.96	3,250,929.33
ECP-P834-A	13,758,941.71	3,247,490.43	ECP-P885-A	13,760,653.54	3,251,418.60
ECP-P833-A	13,758,925.84	3,246,993.05	ECP-P886-A	13,760,687.68	3,251,919.96
ECP-P832-A	13,758,890.77	3,246,482.77	ECP-P887-A	13,760,696.27	3,252,290.10
ECP-P831-A	13,758,854.00	3,245,985.49	ECP-P903-A	13,761,214.34	3,252,265.77
ECP-P830-A	13,758,829.80	3,245,486.63	ECP-P902-A	13,761,159.18	3,251,371.31
ECP-P843-A	13,759,349.66	3,245,467.65	ECP-P888-A	13,760,788.40	3,244,394.49
ECP-P844-A	13,759,367.92	3,245,969.33	ECP-P889-A	13,760,811.31	3,244,907.46
ECP-P845-A	13,759,392.90	3,246,495.92	ECP-P890-A	13,760,842.28	3,245,398.79
ECP-P846-A	13,759,421.76	3,246,968.33	ECP-P891-A	13,760,873.84	3,245,897.87

SAN LEON OYSTER MITIGATION SITE PROBING COORDINATES (SHEET 2 OF 3)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-P892-A	13,760,899.45	3,246,393.29	ECP-P948-A	13,763,091.35	3,250,284.60
ECP-P893-A	13,760,922.86	3,246,895.28	ECP-P949-A	13,763,122.33	3,250,785.82
ECP-P894-A	13,760,953.06	3,247,393.73	ECP-P950-A	13,763,150.22	3,251,288.03
ECP-P895-A	13,760,973.29	3,247,890.50	ECP-P953-A	13,763,513.00	3,248,752.41
ECP-P896-A	13,760,999.39	3,248,392.87	ECP-P954-A	13,763,540.27	3,249,251.52
ECP-P897-A	13,761,028.69	3,248,887.77	ECP-P955-A	13,763,565.69	3,249,756.44
ECP-P898-A	13,761,053.51	3,249,390.36	ECP-P956-A	13,763,593.97	3,250,242.19
ECP-P899A	13,761,073.31	3,249,891.85	ECP-P957-A	13,763,630.65	3,250,761.66
ECP-P900-A	13,761,090.46	3,250,391.87	ECP-P958-A	13,763,645.79	3,251,256.05
ECP-P901-A	13,761,119.37	3,250,890.98	ECP-P959-A	13,763,675.33	3,251,747.64
ECP-P920-A	13,761,682.66	3,252,239.19	ECP-P960-A	13,763,693.77	3,252,162.64
ECP-P919-A	13,761,676.88	3,251,848.30	ECP-P1048-A	13,763,785.84	3,253,992.72
ECP-P918-A	13,761,640.26	3,251,352.42	ECP-P1049-A	13,764,121.59	3,254,346.46
ECP-P917-A	13,761,616.74	3,250,849.12	ECP-P1050-A	13,764,495.03	3,254,695.14
ECP-P916-A	13,761,587.34	3,250,340.12	ECP-P1051-A	13,764,899.38	3,254,983.18
ECP-P915-A	13,761,553.28	3,249,843.39	ECP-P1052-A	13,765,101.87	3,255,505.60
ECP-P914-A	13,761,543.76	3,249,364.87	ECP-P1053-A	13,765,561.96	3,255,746.43
ECP-P913-A	13,761,506.95	3,248,772.95	ECP-P1054-A	13,765,903.03	3,256,103.41
ECP-P912-A	13,761,485.25	3,248,340.21	ECP-P1055-A	13,766,261.33	3,256,464.58
ECP-P911-A	13,761,463.63	3,247,850.35	ECP-P1056-A	13,766,608.81	3,256,810.01
ECP-P910-A	13,761,435.81	3,247,349.50	ECP-P1040-A	13,763,459.75	3,254,328.20
ECP-P909-A	13,761,410.60	3,246,848.41	ECP-P1041-A	13,764,119.74	3,255,055.24
ECP-P908-A	13,761,391.06	3,246,347.87	ECP-P1042-A	13,764,497.52	3,255,412.27
ECP-P907-A	13,761,359.79	3,245,851.15	ECP-P1043-A	13,764,852.63	3,255,768.00
ECP-P906-A	13,761,340.80	3,245,465.13	ECP-P1035-A	13,765,028.69	3,256,274.79
ECP-P905-A	13,761,298.33	3,244,773.65	ECP-P1044-A	13,765,545.68	3,256,483.97
ECP-P904-A	13,761,279.24	3,244,353.76	ECP-P1045-A	13,765,900.46	3,256,817.59
ECP-P921-A	13,761,782.66	3,244,345.62	ECP-P1046-A	13,766,170.05	3,257,271.69
ECP-P922-A	13,761,812.21	3,244,850.08	ECP-P1047-A	13,766,637.57	3,257,515.64
ECP-P923-A	13,761,885.72	3,246,346.93	ECP-P1057-A	13,766,961.28	3,257,164.18
ECP-P924-A	13,761,917.23	3,246,840.97	ECP-P1039-A	13,766,238.61	3,257,877.90
ECP-P925-A	13,761,939.21	3,247,341.69	ECP-P1030-A	13,765,847.37	3,258,282.28
ECP-P926-A	13,761,974.87	3,247,830.75	ECP-P1021-A	13,765,545.02	3,258,588.37
ECP-P927-A	13,761,987.80	3,248,301.37	ECP-P1020-A	13,765,189.09	3,258,946.53
ECP-P928-A	13,762,050.92	3,249,347.72	ECP-P1038-A	13,765,943.69	3,257,469.99
ECP-P929-A	13,762,075.90	3,249,830.25	ECP-P1018-A	13,765,183.65	3,258,237.98
ECP-P930-A	13,762,099.65	3,250,333.80	ECP-P1019-A	13,764,990.81	3,258,412.86
ECP-P931-A	13,762,120.08	3,250,832.69	ECP-P1001-A	13,764,477.80	3,258,939.33
ECP-P932-A	13,762,154.82	3,251,333.58	ECP-P992-A	13,764,123.50	3,259,294.39
ECP-P933-A	13,762,173.14	3,251,824.60	ECP-P1037-A	13,765,544.46	3,257,161.86
ECP-P935-A	13,762,465.42	3,247,934.01	ECP-P1029-A	13,765,180.47	3,257,530.25
ECP-P936-A	13,762,513.54	3,248,815.61	ECP-P1017-A	13,764,850.68	3,257,876.06
ECP-P937-A	13,762,539.86	3,249,298.39	ECP-P1009-A	13,764,470.19	3,258,236.59
ECP-P938-A	13,762,563.46	3,249,809.45	ECP-P1000-A	13,764,135.96	3,258,580.64
ECP-P939-A	13,762,595.02	3,250,304.17	ECP-P991-A	13,763,758.80	3,258,954.32
ECP-P940-A	13,762,609.09	3,250,794.51	ECP-P983-A	13,763,408.68	3,259,309.09
ECP-P941-A	13,762,641.37	3,251,298.53	ECP-P968-A	13,762,745.99	3,259,968.03
ECP-P942-A	13,762,669.81	3,251,801.30	ECP-P967-A	13,762,257.16	3,259,563.29
ECP-P943-A	13,762,698.83	3,252,201.46	ECP-P966-A	13,761,999.19	3,259,289.58
ECP-P934-A	13,762,209.02	3,252,211.70	ECP-P965-A	13,761,649.80	3,258,935.30
ECP-P952-A	13,763,211.49	3,252,169.62	ECP-P964-A	13,761,295.87	3,258,567.34
ECP-P951-A	13,763,171.63	3,251,770.57	ECP-P963-A	13,760,942.41	3,258,225.91
ECP-P944-A	13,762,986.27	3,247,974.99	ECP-P1023-A	13,763,094.54	3,255,417.58
ECP-P945-A	13,763,010.31	3,248,781.01	ECP-P1022-A	13,762,702.28	3,255,042.07
ECP-P946-A	13,763,038.55	3,249,284.22	ECP-P1010-A	13,762,363.89	3,255,406.33
ECP-P947-A	13,763,059.85	3,249,790.03	ECP-P1002-A	13,762,002.49	3,255,759.23

**SAN LEON OYSTER MITIGATION SITE
PROBING COORDINATES (SHEET 3 OF 3)**

PROBING ID	NORTHING	EASTING
ECP-P993-A	13,761,648.86	3,256,096.27
ECP-P984-A	13,761,299.80	3,256,467.72
ECP-P976-A	13,760,937.74	3,256,821.27
ECP-P969-A	13,760,593.32	3,257,181.48
ECP-P961-A	13,760,242.49	3,257,524.90
ECP-P962-A	13,760,606.30	3,257,884.84
ECP-P970-A	13,760,944.44	3,257,502.26
ECP-P971-A	13,761,308.50	3,257,876.77
ECP-P972-A	13,761,670.93	3,258,226.05
ECP-P973-A	13,762,019.14	3,258,590.49
ECP-P974-A	13,762,375.27	3,258,939.27
ECP-P975-A	13,762,730.11	3,259,293.07
ECP-P982-A	13,763,081.80	3,258,927.47
ECP-P981-A	13,762,703.10	3,258,574.59
ECP-P980-A	13,762,363.39	3,258,208.57
ECP-P979-A	13,762,007.02	3,257,878.45
ECP-P978-A	13,761,661.56	3,257,509.85
ECP-P977-A	13,761,304.27	3,257,160.23
ECP-P985-A	13,761,667.32	3,256,810.75
ECP-P994-A	13,762,010.54	3,256,455.09
ECP-P990-A	13,763,414.04	3,258,587.27
ECP-P989-A	13,763,069.54	3,258,205.10
ECP-P988-A	13,762,710.50	3,257,861.76
ECP-P987-A	13,762,364.20	3,257,506.52
ECP-P986-A	13,762,010.84	3,257,165.79
ECP-P999-A	13,763,774.61	3,258,235.93
ECP-P998-A	13,763,421.10	3,257,859.95
ECP-P997-A	13,763,065.54	3,257,518.37
ECP-P996-A	13,762,715.99	3,257,155.81
ECP-P995-A	13,762,358.18	3,256,796.06
ECP-P1031-A	13,763,432.53	3,255,041.22
ECP-P1032-A	13,763,787.06	3,255,405.42
ECP-P1033-A	13,764,138.23	3,255,766.16
ECP-P1034-A	13,764,485.66	3,256,115.07
ECP-P1036-A	13,765,199.40	3,256,828.51
ECP-P1028-A	13,764,829.07	3,257,176.59
ECP-P1016-A	13,764,483.10	3,257,530.39
ECP-P1008-A	13,764,120.44	3,257,884.45
ECP-P1007-A	13,763,763.25	3,257,518.47
ECP-P1006-A	13,763,311.00	3,257,267.45
ECP-P1005-A	13,763,064.44	3,256,807.87
ECP-P1004-A	13,762,713.67	3,256,456.48
ECP-P1003-A	13,762,347.50	3,256,104.76
ECP-P1011-A	13,762,721.11	3,255,744.31
ECP-P1012-A	13,763,185.18	3,256,020.90
ECP-P1013-A	13,763,431.34	3,256,477.75
ECP-P1014-A	13,763,788.41	3,256,834.14
ECP-P1015-A	13,764,150.63	3,257,182.51
ECP-P1024-A	13,763,435.20	3,255,745.32
ECP-P1025-A	13,763,782.87	3,256,114.81
ECP-P1026-A	13,764,140.72	3,256,469.46
ECP-P1027-A	13,764,493.00	3,256,829.67

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	AS, NM, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,249,595	Northing(NAD83):	13,757,051
Hole Number:	ECP-P807-A			Freeboard:	3.5
Time:	14:42			Tide:	0.57
Sounding Depth:	-7.9	Bottom of Probe:	-17.4 ft.	Penetration:	-9.6 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
2.6	-10.4	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.6	-11.4	=====
		SA SAND REFUSAL
9.6	-17.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	AS, NM, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,249,098	Northing(NAD83):	13,757,031
Hole Number:	ECP-P806-A			Freeboard:	3.5
Time:	14:51			Tide:	0.57
Sounding Depth:	-7.6	Bottom of Probe:	-17.4 ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material
Surveyed ==>	-7.6	=====
Penetration Depth:		WOR SURFICIAL SILT
1.3	-8.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.3	-13.9	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
9.8	-17.4	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,601	Northing(NAD83):	13,757,002
Hole Number:	ECP-P805-A			Freeboard:	4
Time:	9:20			Tide:	0.69
Sounding Depth:	-7.4	Bottom of Probe:	-14.3 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.9	-9.3	=====	
		CL	SH
2.9	-10.3	=====	
		CL	SILT/CLAY
5.9	-13.3	=====	BEGIN JET
		SH	SHELL
6.9	-14.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,095	Northing(NAD83):	13,756,972
Hole Number:	ECP-P804-A			Freeboard:	3.5
Time:	9:28			Tide:	0.75
Sounding Depth:	-7.1	Bottom of Probe:	-15.8 ft.	Penetration:	-8.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.6	-8.8	=====	
		SH	SHELL
2.6	-9.8	=====	
		CL	SILT/CLAY
5.1	-12.3	=====	BEGIN JET
		SA	SAND
8.6	-15.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,604	Northing(NAD83):	13,756,942
Hole Number:	ECP-P803-A			Freeboard:	3.5
Time:	9:35			Tide:	0.83
Sounding Depth:	-6.9	Bottom of Probe:	-14.7 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.3	-8.2	=====	
		CL SILT/CLAY	BEGIN JET
4.8	-11.7	=====	
		SA-SH SAND & SHELL	REFUSAL
7.8	-14.7	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,107	Northing(NAD83):	13,756,922
Hole Number:	ECP-P802-A			Freeboard:	3.5
Time:	9:41			Tide:	0.62
Sounding Depth:	-6.3	Bottom of Probe:	-12.4 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.5	-8.9	=====	
		CL SILT/CLAY	BEGIN JET
5.5	-11.9	=====	
		SA-SH SAND & SHELL	REFUSAL
6.0	-12.4	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,020	Northing(NAD83):	13,756,857
Hole Number:	ECP-P801-A			Freeboard:	3.5
Time:	9:48			Tide:	0.78
Sounding Depth:	-4.0	Bottom of Probe:	-11.2 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-4.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
0.8	-4.7	=====	
		CL	SILT/CLAY
5.8	-9.7	=====	BEGIN JET
		CL	SILT/CLAY
6.8	-10.7	=====	
		SA-CL	SILT/CLAY & SAND
7.3	-11.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,245,603	Northing(NAD83):	13,756,839
Hole Number:	ECP-P800-A			Freeboard:	4
Time:	9:57			Tide:	0.81
Sounding Depth:	-5.2	Bottom of Probe:	-10.2 ft.	Penetration:	-5.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-5.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-2.5	-2.7	=====	
		SA-CL	SILT/CLAY & SAND
0.0	-5.2	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
5.0	-10.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,076	Northing(NAD83):	13,757,375
Hole Number:	ECP-P808-A			Freeboard:	3.5
Time:	10:13			Tide:	0.76
Sounding Depth:	-6.3	Bottom of Probe:	-11.2 ft.	Penetration:	-5.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.5	-7.7	=====	
		SH SHELL	-
3.5	-9.7	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
4.5	-10.7	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
5.0	-11.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,564	Northing(NAD83):	13,757,394
Hole Number:	ECP-P809-A			Freeboard:	3.5
Time:	10:20			Tide:	0.55
Sounding Depth:	-6.8	Bottom of Probe:	-26. ft.	Penetration:	-19.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.7	-9.5	=====	
		SH SHELL	-
2.7	-9.5	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
5.2	-12.0	=====	
		SA SAND	REFUSAL
19.2	-26.0	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,989	Northing(NAD83):	13,757,417
Hole Number:	ECP-P810-A			Freeboard:	3.5
Time:	10:30			Tide:	0.76
Sounding Depth:	-7.1	Bottom of Probe:	-13.2 ft.	Penetration:	-6.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.6	-9.7	=====	
		CL SILT/CLAY	BEGIN JET
5.1	-12.2	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
6.1	-13.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,941	Northing(NAD83):	13,757,518
Hole Number:	ECP-P811-A			Freeboard:	3.5
Time:	10:41			Tide:	0.7
Sounding Depth:	-8.5	Bottom of Probe:	-14.3 ft.	Penetration:	-5.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.3	-12.8	=====	
		CL SILT/CLAY	BEGIN JET
4.8	-13.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
5.8	-14.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,568	Northing(NAD83):	13,757,553
Hole Number:	ECP-P812-A			Freeboard:	3.5
Time:	10:49			Tide:	0.66
Sounding Depth:	-8.8	Bottom of Probe:	-12.8 ft.	Penetration:	-4.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.5	-12.3	=====	
		CL SILT/CLAY	BEGIN JET
4.0	-12.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
-30.0	21.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,817	Northing(NAD83):	13,758,067
Hole Number:	ECP-P821-A			Freeboard:	3.5
Time:	10:57			Tide:	0.65
Sounding Depth:	-9.4	Bottom of Probe:	-17.4 ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.5	-12.9	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
7.5	-16.9	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
8.0	-17.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,035	Northing(NAD83):	13,758,026
Hole Number:	ECIP-P820-A			Freeboard:	3.5
Time:	11:09			Tide:	0.72
Sounding Depth:	-9.1	Bottom of Probe:	-18.8 ft.	Penetration:	-9.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-13.8	=====	
		CL SILT/CLAY	BEGIN JET
6.2	-15.3	=====	
		CL SILT/CLAY	REFUSAL
9.7	-18.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,544	Northing(NAD83):	13,758,005
Hole Number:	ECIP-P819-A			Freeboard:	3.5
Time:	11:16			Tide:	0.77
Sounding Depth:	-8.9	Bottom of Probe:	-19.2 ft.	Penetration:	-10.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.3	-12.2	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
6.8	-15.7	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.3	-19.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,040	Northing(NAD83):	13,757,959
Hole Number:	ECP-P818-A			Freeboard:	3.5
Time:	11:23			Tide:	0.75
Sounding Depth:	-8.6	Bottom of Probe:	-26.8 ft.	Penetration:	-18.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.1	-11.8	=====	
		CL SILT/CLAY	BEGIN JET
5.1	-13.8	=====	
		SA SAND	REFUSAL
18.1	-26.8	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,547	Northing(NAD83):	13,757,959
Hole Number:	ECP-P817-A			Freeboard:	3.5
Time:	11:31			Tide:	0.49
Sounding Depth:	-8.4	Bottom of Probe:	-15. ft.	Penetration:	-6.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-13.0	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
5.7	-14.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
6.7	-15.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,041	Northing(NAD83):	13,757,925
Hole Number:	ECP-P816-A			Freeboard:	3.5
Time:	11:38			Tide:	0.74
Sounding Depth:	-7.9	Bottom of Probe:	-17.8 ft.	Penetration:	-9.9 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
3.9	-11.8	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
5.9	-13.8	=====
		SA-CL SILT/CLAY & SAND REFUSAL
9.9	-17.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,535	Northing(NAD83):	13,757,900
Hole Number:	ECP-P815-A			Freeboard:	4
Time:	11:46			Tide:	0.87
Sounding Depth:	-7.5	Bottom of Probe:	-11.1 ft.	Penetration:	-3.6 ft.

	Elevation	Description / Material
Surveyed ==>	-7.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.1	-10.6	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.6	-11.1	=====
		SH SHELL REFUSAL
3.6	-11.1	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,036	Northing(NAD83):	13,757,866
Hole Number:	ECP-P814-A			Freeboard:	4.5
Time:	11:53			Tide:	0.76
Sounding Depth:	-7.2	Bottom of Probe:	-12.7 ft.	Penetration:	-5.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.0	-9.2	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
4.5	-11.7	=====	
		SA SAND	REFUSAL
5.5	-12.7	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,245,077	Northing(NAD83):	13,757,796
Hole Number:	ECP-P813-A			Freeboard:	4
Time:	12:36			Tide:	0.76
Sounding Depth:	-6.4	Bottom of Probe:	-13.7 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.9	-9.2	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
5.9	-12.2	=====	
		SA-SH SAND & SHELL	REFUSAL
7.4	-13.7	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,245,320	Northing(NAD83):	13,758,338
Hole Number:	ECP-P822-A			Freeboard:	4
Time:	12:46			Tide:	0.79
Sounding Depth:	-7.3	Bottom of Probe:	-14.7 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material
Surveyed ==>	-7.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-9.2	=====
		SA SAND BEGIN JET
4.9	-12.2	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
7.4	-14.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,030	Northing(NAD83):	13,758,381
Hole Number:	ECP-P823-A			Freeboard:	4
Time:	12:55			Tide:	0.88
Sounding Depth:	-8.0	Bottom of Probe:	-13.1 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		WOR SURFICIAL SILT
3.2	-11.1	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.7	-12.6	=====
		SA SAND REFUSAL
5.2	-13.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,408	Northing(NAD83):	13,758,382
Hole Number:	ECP-P824-A			Freeboard:	4.5
Time:	13:01			Tide:	0.81
Sounding Depth:	-8.3	Bottom of Probe:	-11.7 ft.	Penetration:	-3.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-11.2	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.4	-11.7	=====
		SH SHELL REFUSAL
3.4	-11.7	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,017	Northing(NAD83):	13,758,423
Hole Number:	ECP-P825-A			Freeboard:	3.5
Time:	13:09			Tide:	0.87
Sounding Depth:	-8.7	Bottom of Probe:	-26.6 ft.	Penetration:	-17.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-12.1	=====
		CL SILT/CLAY BEGIN JET
5.4	-14.1	=====
		SA-CL SILT/CLAY & SAND REFUSAL
17.9	-26.6	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,527	Northing(NAD83):	13,758,448
Hole Number:	ECP-P826-A			Freeboard:	3.5
Time:	13:18			Tide:	1.03
Sounding Depth:	-8.9	Bottom of Probe:	-16. ft.	Penetration:	-7.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.9	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-12.0	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
5.5	-14.5	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
7.0	-16.0	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,522	Northing(NAD83):	13,758,492
Hole Number:	ECP-P827-A			Freeboard:	4
Time:	13:26			Tide:	0.99
Sounding Depth:	-9.3	Bottom of Probe:	-17. ft.	Penetration:	-7.7 ft.

	Elevation	Description / Material
Surveyed ==>	-9.3	=====
Penetration Depth:		WOR SURFICIAL SILT
4.2	-13.5	=====
		CL SILT/CLAY BEGIN JET
6.7	-16.0	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
7.7	-17.0	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,025	Northing(NAD83):	13,758,534
Hole Number:	ECP-P828-A			Freeboard:	3.5
Time:	13:32			Tide:	1.06
Sounding Depth:	-9.5	Bottom of Probe:	-28.4 ft.	Penetration:	-19.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-13.9	=====	
		CL SILT/CLAY	BEGIN JET
6.5	-15.9	=====	
		CL SILT/CLAY	REFUSAL
19.0	-28.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,514	Northing(NAD83):	13,758,557
Hole Number:	ECP-P829-A			Freeboard:	3.5
Time:	13:45			Tide:	1
Sounding Depth:	-9.6	Bottom of Probe:	-19. ft.	Penetration:	-9.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.9	-13.5	=====	
		CL SILT/CLAY	BEGIN JET
6.9	-16.5	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
9.4	-19.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,251,981	Northing(NAD83):	13,759,190
Hole Number:	ECP-P842-A			Freeboard:	3.5
Time:	14:04			Tide:	1.03
Sounding Depth:	-9.8	Bottom of Probe:	-24.5 ft.	Penetration:	-14.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.6	-16.5	=====	
		CL SILT/CLAY	BEGIN JET
8.6	-18.5	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
14.6	-24.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,251,476	Northing(NAD83):	13,759,162
Hole Number:	ECP-P841-A			Freeboard:	3.5
Time:	14:13			Tide:	1.11
Sounding Depth:	-9.9	Bottom of Probe:	-28.4 ft.	Penetration:	-18.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.0	-13.9	=====	
		CL SILT/CLAY	BEGIN JET
5.5	-15.4	=====	
		CL SILT/CLAY	REFUSAL
18.5	-28.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,250,975	Northing(NAD83):	13,759,133
Hole Number:	ECP-P840-A			Freeboard:	3.5
Time:	14:44			Tide:	1.23
Sounding Depth:	-9.9	Bottom of Probe:	-18.3 ft.	Penetration:	-8.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.8	-13.8	=====	
		CL SILT/CLAY	BEGIN JET
5.8	-15.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
8.3	-18.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,250,474	Northing(NAD83):	13,759,110
Hole Number:	ECP-P839-A			Freeboard:	3.5
Time:	14:54			Tide:	1.23
Sounding Depth:	-9.9	Bottom of Probe:	-20.3 ft.	Penetration:	-10.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.4	-13.3	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
6.4	-16.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.4	-20.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,249,989	Northing(NAD83):	13,759,093
Hole Number:	ECP-P838-A			Freeboard:	3.5
Time:	15:02			Tide:	1.24
Sounding Depth:	-9.9	Bottom of Probe:	-15.3 ft.	Penetration:	-5.4 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
3.9	-13.8	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.4	-14.3	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
5.4	-15.3	=====

Character of Finish: REFUSAL IN SILT/CLAY & SHELL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,976	Northing(NAD83):	13,759,031
Hole Number:	ECP-P837-A			Freeboard:	3.5
Time:	15:10			Tide:	1.26
Sounding Depth:	-9.7	Bottom of Probe:	-19.2 ft.	Penetration:	-9.6 ft.

	Elevation	Description / Material
Surveyed ==>	-9.7	=====
Penetration Depth:		WOR SURFICIAL SILT
3.1	-12.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
5.6	-15.2	=====
		SA-CL SILT/CLAY & SAND REFUSAL
9.6	-19.2	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,248,479	Northing(NAD83):	13,758,999
Hole Number:	ECP-P836-A			Freeboard:	3.5
Time:	15:17			Tide:	1.23
Sounding Depth:	-9.5	Bottom of Probe:	-18.3 ft.	Penetration:	-8.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.3	-13.8	=====	
		CL SILT/CLAY	BEGIN JET
6.3	-15.8	=====	
		CL SILT/CLAY	REFUSAL
8.8	-18.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,984	Northing(NAD83):	13,758,975
Hole Number:	ECP-P835-A			Freeboard:	3.5
Time:	15:23			Tide:	1.28
Sounding Depth:	-9.4	Bottom of Probe:	-17.7 ft.	Penetration:	-8.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.4	-12.7	=====	
		CL SILT/CLAY	BEGIN JET
6.4	-15.7	=====	
		CL SILT/CLAY	REFUSAL
8.4	-17.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,247,490	Northing(NAD83):	13,758,942
Hole Number:	ECP-P834-A			Freeboard:	3.5
Time:	15:30			Tide:	1.3
Sounding Depth:	-9.2	Bottom of Probe:	-15.7 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.5	-11.7	=====	
		SA-SH	SAND & SHELL
4.5	-13.7	=====	BEGIN JET
		SA-SH	SAND & SHELL
6.5	-15.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,993	Northing(NAD83):	13,758,926
Hole Number:	ECP-P833-A			Freeboard:	3.5
Time:	15:38			Tide:	1.31
Sounding Depth:	-9.1	Bottom of Probe:	-17.2 ft.	Penetration:	-8.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.1	-13.2	=====	
		SA-CL	SILT/CLAY & SAND
6.1	-15.2	=====	BEGIN JET
		SA-SH	SAND & SHELL
8.1	-17.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,246,483	Northing(NAD83):	13,758,891
Hole Number:	ECP-P832-A			Freeboard:	3.5
Time:	15:45			Tide:	1.33
Sounding Depth:	-8.8	Bottom of Probe:	-16.2 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-12.2	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
5.4	-14.2	=====
		SA-SH SAND & SHELL REFUSAL
7.4	-16.2	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	CH, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.04.20	Easting(NAD83):	3,245,985	Northing(NAD83):	13,758,854
Hole Number:	ECP-P831-A			Freeboard:	3.5
Time:	15:52			Tide:	1.33
Sounding Depth:	-8.7	Bottom of Probe:	-17.7 ft.	Penetration:	-9.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-11.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.0	-14.7	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
9.0	-17.7	=====

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,487	Northing(NAD83):	13,758,830
Hole Number:	ECP-P830-A			Freeboard:	3.5
Time:	8:49			Tide:	-0.91
Sounding Depth:	-8.3	Bottom of Probe:	-15.4 ft.	Penetration:	-7.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.6	-10.9	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
4.1	-12.4	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.1	-15.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,468	Northing(NAD83):	13,759,350
Hole Number:	ECP-P843-A			Freeboard:	3.5
Time:	8:55			Tide:	-0.95
Sounding Depth:	-8.8	Bottom of Probe:	-14.5 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.7	-12.5	=====	
		SA SAND	BEGIN JET
5.2	-14.0	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
5.7	-14.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,969	Northing(NAD83):	13,759,368
Hole Number:	ECP-P844-A			Freeboard:	3.5
Time:	9:01			Tide:	-0.93
Sounding Depth:	-9.1	Bottom of Probe:	-16.9 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-12.4	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.9	-15.9	=====
		SA-CL SILT/CLAY & SAND REFUSAL
7.9	-16.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,496	Northing(NAD83):	13,759,393
Hole Number:	ECP-P845-A			Freeboard:	3.5
Time:	9:08			Tide:	-0.86
Sounding Depth:	-9.3	Bottom of Probe:	-17.9 ft.	Penetration:	-8.6 ft.

	Elevation	Description / Material
Surveyed ==>	-9.3	=====
Penetration Depth:		WOR SURFICIAL SILT
3.1	-12.4	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
5.6	-14.9	=====
		CL SILT/CLAY REFUSAL
8.6	-17.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,968	Northing(NAD83):	13,759,422
Hole Number:	ECP-P846-A			Freeboard:	3.5
Time:	9:14			Tide:	-1.29
Sounding Depth:	-9.4	Bottom of Probe:	-18.3 ft.	Penetration:	-8.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.9	-13.3	=====	
		CL SILT/CLAY	BEGIN JET
8.4	-17.8	=====	
		SA-SH SAND & SHELL	REFUSAL
8.9	-18.3	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,491	Northing(NAD83):	13,759,448
Hole Number:	ECP-P847-A			Freeboard:	3.5
Time:	9:23			Tide:	-0.89
Sounding Depth:	-9.6	Bottom of Probe:	-39.9 ft.	Penetration:	-30.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.3	-14.9	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
8.8	-18.4	=====	
		CL SILT/CLAY	REFUSAL
30.3	-39.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,970	Northing(NAD83):	13,759,467
Hole Number:	ECP-P848-A			Freeboard:	3.5
Time:	9:38			Tide:	-0.96
Sounding Depth:	-9.7	Bottom of Probe:	-23.5 ft.	Penetration:	-13.7 ft.

	Elevation	Description / Material
Surveyed ==>	-9.7	=====
Penetration Depth:		WOR SURFICIAL SILT
4.2	-14.0	=====
		SA SAND BEGIN JET
6.2	-16.0	=====
		SA SAND REFUSAL
13.7	-23.5	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,485	Northing(NAD83):	13,759,502
Hole Number:	ECP-P849-A			Freeboard:	3.5
Time:	9:45			Tide:	-1
Sounding Depth:	-9.8	Bottom of Probe:	-27.5 ft.	Penetration:	-17.7 ft.

	Elevation	Description / Material
Surveyed ==>	-9.8	=====
Penetration Depth:		WOR SURFICIAL SILT
4.7	-14.5	=====
		CL SILT/CLAY BEGIN JET
7.7	-17.5	=====
		SA-CL SILT/CLAY & SAND REFUSAL
17.7	-27.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,901	Northing(NAD83):	13,759,531
Hole Number:	ECP-P850-A			Freeboard:	3
Time:	9:52			Tide:	-1.06
Sounding Depth:	-9.9	Bottom of Probe:	-28.1 ft.	Penetration:	-18.2 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
5.2	-15.1	=====
		SA SAND BEGIN JET
7.7	-17.6	=====
		SA-CL SILT/CLAY & SAND REFUSAL
18.2	-28.1	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,479	Northing(NAD83):	13,759,555
Hole Number:	ECP-P851-A			Freeboard:	3
Time:	10:00			Tide:	-0.93
Sounding Depth:	-9.9	Bottom of Probe:	-19.9 ft.	Penetration:	-10.0 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
4.0	-13.9	=====
		SA SAND BEGIN JET
6.0	-15.9	=====
		SA-SH SAND & SHELL REFUSAL
10.0	-19.9	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,966	Northing(NAD83):	13,759,571
Hole Number:	ECP-P852-A			Freeboard:	3.5
Time:	10:06			Tide:	-1.23
Sounding Depth:	-10.0	Bottom of Probe:	-19.2 ft.	Penetration:	-9.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.0	=====
Penetration Depth:		WOR SURFICIAL SILT
4.8	-14.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.8	-16.7	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
9.3	-19.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,250,467	Northing(NAD83):	13,759,593
Hole Number:	ECP-P853-A			Freeboard:	3.5
Time:	10:12			Tide:	-0.98
Sounding Depth:	-10.0	Bottom of Probe:	-18.5 ft.	Penetration:	-8.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.0	=====
Penetration Depth:		WOR SURFICIAL SILT
4.5	-14.5	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.5	-16.5	=====
		SA-CL SILT/CLAY & SAND REFUSAL
8.5	-18.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,250,971	Northing(NAD83):	13,759,628
Hole Number:	ECP-P854-A			Freeboard:	3.5
Time:	10:18			Tide:	-1.25
Sounding Depth:	-10.0	Bottom of Probe:	-26.8 ft.	Penetration:	-16.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.7	-15.8	=====	
		CL SILT/CLAY	BEGIN JET
7.7	-17.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
16.7	-26.8	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,456	Northing(NAD83):	13,759,644
Hole Number:	ECP-P855-A			Freeboard:	3.5
Time:	10:24			Tide:	-0.97
Sounding Depth:	-10.0	Bottom of Probe:	-26.5 ft.	Penetration:	-16.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.5	-15.5	=====	
		CL SILT/CLAY	BEGIN JET
8.0	-18.0	=====	
		CL SILT/CLAY	REFUSAL
16.5	-26.5	=====	

Character of Finish: REFUSAL IN SILT/CLAY DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,974	Northing(NAD83):	13,759,678
Hole Number:	ECP-P856-A			Freeboard:	4
Time:	10:31			Tide:	-1.11
Sounding Depth:	-10.0	Bottom of Probe:	-23.1 ft.	Penetration:	-13.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.1	-17.1	=====	
		CL	SILT/CLAY
11.1	-21.1	=====	BEGIN JET
		CL	SILT/CLAY
13.1	-23.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,252,301	Northing(NAD83):	13,760,199
Hole Number:	ECP-P870-A			Freeboard:	4
Time:	10:43			Tide:	-1.03
Sounding Depth:	-10.2	Bottom of Probe:	-22. ft.	Penetration:	-11.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.3	-13.5	=====	
		SA-CL	SILT/CLAY & SAND
7.8	-18.0	=====	BEGIN JET
		CL	SILT/CLAY
11.8	-22.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,908	Northing(NAD83):	13,760,181
Hole Number:	ECP-P869-A			Freeboard:	3.5
Time:	10:51			Tide:	-1.28
Sounding Depth:	-10.1	Bottom of Probe:	-20.8 ft.	Penetration:	-10.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.2	-16.3	=====	
		CL SILT/CLAY	BEGIN JET
8.7	-18.8	=====	
		CL SILT/CLAY	REFUSAL
10.7	-20.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,250,919	Northing(NAD83):	13,760,131
Hole Number:	ECP-P868-A			Freeboard:	3.5
Time:	11:02			Tide:	-1.2
Sounding Depth:	-10.1	Bottom of Probe:	-18.7 ft.	Penetration:	-8.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.6	-14.7	=====	
		CL SILT/CLAY	BEGIN JET
7.6	-17.7	=====	
		CL SILT/CLAY	REFUSAL
8.6	-18.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,250,423	Northing(NAD83):	13,760,108
Hole Number:	ECP-P867-A			Freeboard:	3.5
Time:	11:09			Tide:	-1.12
Sounding Depth:	-10.1	Bottom of Probe:	-21.1 ft.	Penetration:	-11.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.5	-15.6	=====	
		CL	SILT/CLAY
7.5	-17.6	=====	BEGIN JET
		CL	SILT/CLAY
11.0	-21.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,926	Northing(NAD83):	13,760,069
Hole Number:	ECP-P866-A			Freeboard:	3.5
Time:	11:16			Tide:	-1.12
Sounding Depth:	-10.1	Bottom of Probe:	-20.6 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.5	-14.6	=====	
		CL	SILT/CLAY
8.5	-18.6	=====	BEGIN JET
		CL	SILT/CLAY
10.5	-20.6	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,427	Northing(NAD83):	13,760,068
Hole Number:	ECP-P865-A			Freeboard:	4
Time:	11:38			Tide:	-1.09
Sounding Depth:	-10.0	Bottom of Probe:	-19.1 ft.	Penetration:	-9.1 ft.

	Elevation	Description / Material
Surveyed ==>	-10.0	=====
Penetration Depth:		WOR SURFICIAL SILT
4.1	-14.1	=====
		SA-SH SAND & SHELL BEGIN JET
5.6	-15.6	=====
		SA-SH SAND & SHELL REFUSAL
9.1	-19.1	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,920	Northing(NAD83):	13,760,028
Hole Number:	ECP-P864-A			Freeboard:	3.5
Time:	11:46			Tide:	-1.07
Sounding Depth:	-9.9	Bottom of Probe:	-49.6 ft.	Penetration:	-39.6 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
4.6	-14.6	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.1	-18.1	=====
		SA SAND NO REFUSAL
39.6	-49.6	=====

Character of Finish: REFUSAL IN NO REFUSAL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,431	Northing(NAD83):	13,760,001
Hole Number:	ECP-P863-A			Freeboard:	3.5
Time:	11:58			Tide:	-1.16
Sounding Depth:	-10.1	Bottom of Probe:	-38.7 ft.	Penetration:	-28.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.6	-14.7	=====	
		CL SILT/CLAY	BEGIN JET
6.6	-16.7	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
28.6	-38.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,926	Northing(NAD83):	13,759,969
Hole Number:	ECP-P862-A			Freeboard:	3.5
Time:	12:54			Tide:	-1.08
Sounding Depth:	-9.9	Bottom of Probe:	-17.6 ft.	Penetration:	-7.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.2	-14.1	=====	
		SA SAND	BEGIN JET
5.7	-15.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.7	-17.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,431	Northing(NAD83):	13,759,936
Hole Number:	ECP-P861-A			Freeboard:	4
Time:	13:02			Tide:	-0.79
Sounding Depth:	-9.9	Bottom of Probe:	-16.8 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-13.3	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
5.4	-15.3	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.9	-16.8	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,922	Northing(NAD83):	13,759,904
Hole Number:	ECP-P860-A			Freeboard:	4
Time:	13:08			Tide:	-1.06
Sounding Depth:	-9.6	Bottom of Probe:	-16.1 ft.	Penetration:	-6.4 ft.

	Elevation	Description / Material
Surveyed ==>	-9.6	=====
Penetration Depth:		WOR SURFICIAL SILT
3.9	-13.6	=====
		CL SILT/CLAY BEGIN JET
4.4	-14.1	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.4	-16.1	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,430	Northing(NAD83):	13,759,884
Hole Number:	ECP-P859-A			Freeboard:	3.5
Time:	13:15			Tide:	-0.84
Sounding Depth:	-9.5	Bottom of Probe:	-16.3 ft.	Penetration:	-6.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.8	-14.3	=====	
		CL SILT/CLAY	BEGIN JET
5.3	-14.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
6.8	-16.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,919	Northing(NAD83):	13,759,871
Hole Number:	ECP-P858-A			Freeboard:	4
Time:	13:22			Tide:	-0.92
Sounding Depth:	-9.3	Bottom of Probe:	-21.4 ft.	Penetration:	-12.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.7	-14.9	=====	
		CL SILT/CLAY	BEGIN JET
6.2	-15.4	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
12.2	-21.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,441	Northing(NAD83):	13,759,846
Hole Number:	ECP-P857-A			Freeboard:	3.5
Time:	13:28			Tide:	-0.88
Sounding Depth:	-9.0	Bottom of Probe:	-34.4 ft.	Penetration:	-25.4 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
7.4	-16.4	=====
		SA SAND BEGIN JET
9.4	-18.4	=====
		CL SILT/CLAY REFUSAL
25.4	-34.4	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,244,412	Northing(NAD83):	13,760,292
Hole Number:	ECP-P871-A			Freeboard:	4
Time:	13:51			Tide:	-0.76
Sounding Depth:	-9.0	Bottom of Probe:	-17.8 ft.	Penetration:	-8.7 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-11.3	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.2	-13.3	=====
		SA-CL SILT/CLAY & SAND REFUSAL
8.7	-17.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,244,937	Northing(NAD83):	13,760,314
Hole Number:	ECP-P872-A			Freeboard:	3.5
Time:	13:59			Tide:	-0.72
Sounding Depth:	-9.2	Bottom of Probe:	-16.7 ft.	Penetration:	-7.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-13.7	=====	
		CL SILT/CLAY	BEGIN JET
6.0	-15.2	=====	
		SA-SH SAND & SHELL	REFUSAL
7.5	-16.7	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,435	Northing(NAD83):	13,760,332
Hole Number:	ECP-P873-A			Freeboard:	4
Time:	14:06			Tide:	-0.67
Sounding Depth:	-9.2	Bottom of Probe:	-25.7 ft.	Penetration:	-16.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.0	-14.2	=====	
		CL SILT/CLAY	BEGIN JET
7.5	-16.7	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
16.5	-25.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,245,923	Northing(NAD83):	13,760,371
Hole Number:	ECP-P874-A			Freeboard:	4
Time:	14:14			Tide:	-0.59
Sounding Depth:	-9.3	Bottom of Probe:	-39.6 ft.	Penetration:	-30.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.8	-16.1	=====	
		CL SILT/CLAY	BEGIN JET
7.8	-17.1	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
30.3	-39.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,419	Northing(NAD83):	13,760,384
Hole Number:	ECP-P875-A			Freeboard:	3.5
Time:	14:25			Tide:	-0.55
Sounding Depth:	-9.7	Bottom of Probe:	-22.1 ft.	Penetration:	-12.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-14.1	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
6.9	-16.6	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
12.4	-22.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,246,925	Northing(NAD83):	13,760,417
Hole Number:	ECP-P876-A			Freeboard:	3.5
Time:	14:32			Tide:	-0.48
Sounding Depth:	-9.8	Bottom of Probe:	-17. ft.	Penetration:	-7.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.2	-14.0	=====	
		CL SILT/CLAY	BEGIN JET
6.2	-16.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.2	-17.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,428	Northing(NAD83):	13,760,450
Hole Number:	ECP-P877-A			Freeboard:	4
Time:	14:38			Tide:	-0.58
Sounding Depth:	-9.9	Bottom of Probe:	-15.6 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.2	-13.1	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
5.2	-15.1	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
5.7	-15.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,247,921	Northing(NAD83):	13,760,451
Hole Number:	ECP-P878-A			Freeboard:	3.5
Time:	14:46			Tide:	-0.5
Sounding Depth:	-10.0	Bottom of Probe:	-16.5 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.0	-14.0	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
6.0	-16.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
6.5	-16.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,429	Northing(NAD83):	13,760,481
Hole Number:	ECP-P879-A			Freeboard:	4
Time:	14:52			Tide:	-0.46
Sounding Depth:	-9.9	Bottom of Probe:	-19.5 ft.	Penetration:	-9.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-14.5	=====	
		CL SILT/CLAY	BEGIN JET
6.5	-16.5	=====	
		CL SILT/CLAY	REFUSAL
9.5	-19.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,248,925	Northing(NAD83):	13,760,521
Hole Number:	ECP-P880-A			Freeboard:	5
Time:	14:58			Tide:	-0.49
Sounding Depth:	-10.1	Bottom of Probe:	-17.5 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-13.0	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
5.4	-15.5	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
7.4	-17.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,427	Northing(NAD83):	13,760,554
Hole Number:	ECP-P881-A			Freeboard:	4
Time:	15:05			Tide:	-0.41
Sounding Depth:	-10.1	Bottom of Probe:	-40.4 ft.	Penetration:	-30.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
3.3	-13.4	=====
		CL SILT/CLAY BEGIN JET
6.8	-16.9	=====
		CL SILT/CLAY REFUSAL
30.3	-40.4	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,249,916	Northing(NAD83):	13,760,595
Hole Number:	ECP-P882-A			Freeboard:	4
Time:	15:15			Tide:	-0.38
Sounding Depth:	-10.1	Bottom of Probe:	-48.4 ft.	Penetration:	-38.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.3	-15.4	=====	
		CL	SILT/CLAY
7.8	-17.9	=====	BEGIN JET
		SA	SAND
38.3	-48.4	=====	NO REFUSAL

Character of Finish:	REFUSAL IN	NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	San Leon	Engineer:	NM, MT, CH	
		Vessel:	"Shallow Draft 11"	

Date:	02.07.20	Easting(NAD83):	3,250,400	Northing(NAD83):	13,760,585
Hole Number:	ECP-P883-A			Freeboard:	3.5
Time:	15:28			Tide:	-0.41
Sounding Depth:	-10.1	Bottom of Probe:	-20.9 ft.	Penetration:	-10.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.8	-15.9	=====	
		CL	SILT/CLAY
8.3	-18.4	=====	BEGIN JET
		SA	SAND
10.8	-20.9	=====	REFUSAL

Character of Finish:	REFUSAL IN	SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,250,929	Northing(NAD83):	13,760,637
Hole Number:	ECP-P884-A			Freeboard:	3.5
Time:	15:35			Tide:	-0.29
Sounding Depth:	-10.2	Bottom of Probe:	-35.8 ft.	Penetration:	-25.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.3	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
7.1	-17.3	=====	
		CL SILT/CLAY	REFUSAL
25.6	-35.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,419	Northing(NAD83):	13,760,654
Hole Number:	ECP-P885-A			Freeboard:	4
Time:	15:45			Tide:	-0.23
Sounding Depth:	-10.0	Bottom of Probe:	-24.7 ft.	Penetration:	-14.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.2	-15.2	=====	
		CL SILT/CLAY	BEGIN JET
7.2	-17.2	=====	
		CL SILT/CLAY	REFUSAL
14.7	-24.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,920	Northing(NAD83):	13,760,688
Hole Number:	ECP-P886-A			Freeboard:	3.5
Time:	15:54			Tide:	-0.24
Sounding Depth:	-9.8	Bottom of Probe:	-18.7 ft.	Penetration:	-8.9 ft.

	Elevation	Description / Material
Surveyed ==>	-9.8	=====
Penetration Depth:		WOR SURFICIAL SILT
5.9	-15.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
7.9	-17.7	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
8.9	-18.7	=====

Character of Finish: REFUSAL IN SILT/CLAY & SHELL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,252,290	Northing(NAD83):	13,760,696
Hole Number:	ECP-P887-A			Freeboard:	3.5
Time:	15:59			Tide:	-0.24
Sounding Depth:	-9.9	Bottom of Probe:	-34.7 ft.	Penetration:	-24.9 ft.

	Elevation	Description / Material
Surveyed ==>	-9.9	=====
Penetration Depth:		WOR SURFICIAL SILT
6.9	-16.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
7.9	-17.7	=====
		SA-CL SILT/CLAY & SAND REFUSAL
24.9	-34.7	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,252,266	Northing(NAD83):	13,761,214
Hole Number:	ECP-P903-A			Freeboard:	4
Time:	16:10			Tide:	-0.38
Sounding Depth:	-10.2	Bottom of Probe:	-19.9 ft.	Penetration:	-9.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.7	-15.9	=====	
		CL SILT/CLAY	BEGIN JET
7.2	-17.4	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
9.7	-19.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	NM, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	02.07.20	Easting(NAD83):	3,251,371	Northing(NAD83):	13,761,159
Hole Number:	ECP-P902-A			Freeboard:	4
Time:	16:19			Tide:	-0.25
Sounding Depth:	-10.1	Bottom of Probe:	-20.3 ft.	Penetration:	-10.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.2	-16.3	=====	
		CL SILT/CLAY	BEGIN JET
8.2	-18.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.2	-20.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,394	Northing(NAD83):	13,760,788
Hole Number:	ECP-P888-A			Freeboard:	4.5
Time:	8:43			Tide:	1.64
Sounding Depth:	-9.3	Bottom of Probe:	-16.9 ft.	Penetration:	-7.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
0.0	-9.4	=====	
		SA-SH	SAND & SHELL
5.5	-14.9	=====	BEGIN JET
		SA-SH	SAND & SHELL
7.5	-16.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,907	Northing(NAD83):	13,760,811
Hole Number:	ECP-P889-A			Freeboard:	4
Time:	8:54			Tide:	1.59
Sounding Depth:	-9.4	Bottom of Probe:	-17.4 ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.5	-12.9	=====	
		CL	SILT/CLAY
5.5	-14.9	=====	BEGIN JET
		CL	SILT/CLAY
8.0	-17.4	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,245,399	Northing(NAD83):	13,760,842
Hole Number:	ECP-P890-A			Freeboard:	3.5
Time:	9:00			Tide:	1.58
Sounding Depth:	-9.6	Bottom of Probe:	-17.4 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.3	-13.9	=====	
		CL	SILT/CLAY
5.3	-14.9	=====	BEGIN JET
		CL	SILT/CLAY
7.8	-17.4	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,245,898	Northing(NAD83):	13,760,874
Hole Number:	ECP-P891-A			Freeboard:	3.5
Time:	9:08			Tide:	1.56
Sounding Depth:	-9.7	Bottom of Probe:	-24.9 ft.	Penetration:	-15.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.8	-16.4	=====	
		CL	SILT/CLAY
8.3	-17.9	=====	BEGIN JET
		CL	SILT/CLAY
15.3	-24.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,393	Northing(NAD83):	13,760,899
Hole Number:	ECP-P892-A			Freeboard:	3.5
Time:	9:15			Tide:	1.55
Sounding Depth:	-9.9	Bottom of Probe:	-20. ft.	Penetration:	-10.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.6	-14.5	=====	
		CL SILT/CLAY	BEGIN JET
7.6	-17.5	=====	
		CL SILT/CLAY	REFUSAL
10.1	-20.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,895	Northing(NAD83):	13,760,923
Hole Number:	ECP-P893-A			Freeboard:	4
Time:	9:22			Tide:	1.5
Sounding Depth:	-10.0	Bottom of Probe:	-18. ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.0	-13.0	=====	
		CL SILT/CLAY	BEGIN JET
5.5	-15.5	=====	
		CL SILT/CLAY	REFUSAL
8.0	-18.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,394	Northing(NAD83):	13,760,953
Hole Number:	ECP-P894-A			Freeboard:	3.5
Time:	9:28			Tide:	1.49
Sounding Depth:	-10.1	Bottom of Probe:	-18. ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.4	-13.5	=====	
		CL SILT/CLAY	BEGIN JET
4.9	-15.0	=====	
		CL SILT/CLAY	REFUSAL
7.9	-18.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,891	Northing(NAD83):	13,760,973
Hole Number:	ECP-P895-A			Freeboard:	4
Time:	9:34			Tide:	1.46
Sounding Depth:	-10.0	Bottom of Probe:	-19. ft.	Penetration:	-9.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.0	-13.0	=====	
		CL SILT/CLAY	BEGIN JET
6.5	-16.5	=====	
		CL SILT/CLAY	REFUSAL
9.0	-19.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,248,393	Northing(NAD83):	13,760,999
Hole Number:	ECP-P896-A			Freeboard:	3.5
Time:	9:41			Tide:	1.43
Sounding Depth:	-10.1	Bottom of Probe:	-18.1 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.9	-14.1	=====	
		CL SILT/CLAY	BEGIN JET
6.4	-16.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.9	-18.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,248,888	Northing(NAD83):	13,761,029
Hole Number:	ECP-P897-A			Freeboard:	3
Time:	9:48			Tide:	1.38
Sounding Depth:	-10.2	Bottom of Probe:	-20.1 ft.	Penetration:	-9.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-14.6	=====	
		CL SILT/CLAY	BEGIN JET
6.4	-16.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
9.9	-20.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,390	Northing(NAD83):	13,761,054
Hole Number:	ECP-P898-A			Freeboard:	3.5
Time:	9:56			Tide:	1.37
Sounding Depth:	-10.2	Bottom of Probe:	-19.6 ft.	Penetration:	-9.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.9	-14.1	=====	
		CL SILT/CLAY	BEGIN JET
5.9	-16.1	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
9.4	-19.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,892	Northing(NAD83):	13,761,073
Hole Number:	ECP-P899A			Freeboard:	4
Time:	10:02			Tide:	1.35
Sounding Depth:	-10.3	Bottom of Probe:	-17.7 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.8	-14.2	=====	
		CL SILT/CLAY	BEGIN JET
5.3	-15.7	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.3	-17.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,392	Northing(NAD83):	13,761,090
Hole Number:	ECP-P900-A			Freeboard:	4
Time:	10:10			Tide:	1.33
Sounding Depth:	-10.3	Bottom of Probe:	-21.7 ft.	Penetration:	-11.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.4	-14.7	=====	
		CL	SILT/CLAY
6.9	-17.2	=====	BEGIN JET
		CL	SILT/CLAY
11.4	-21.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,891	Northing(NAD83):	13,761,119
Hole Number:	ECP-P901-A			Freeboard:	4
Time:	10:17			Tide:	1.3
Sounding Depth:	-10.4	Bottom of Probe:	-36.7 ft.	Penetration:	-26.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.4	-16.7	=====	
		CL	SILT/CLAY
7.4	-17.7	=====	BEGIN JET
		CL	SILT/CLAY
26.4	-36.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,252,239	Northing(NAD83):	13,761,683
Hole Number:	ECP-P920-A			Freeboard:	4
Time:	10:33			Tide:	1.24
Sounding Depth:	-10.0	Bottom of Probe:	-25.3 ft.	Penetration:	-15.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.7	-15.8	=====	
		CL	SILT/CLAY
8.2	-18.3	=====	BEGIN JET
		CL	SILT/CLAY
15.2	-25.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,251,848	Northing(NAD83):	13,761,677
Hole Number:	ECP-P919-A			Freeboard:	4
Time:	10:45			Tide:	1.19
Sounding Depth:	-10.1	Bottom of Probe:	-21.3 ft.	Penetration:	-11.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.7	-15.8	=====	
		CL	SILT/CLAY
7.2	-17.3	=====	BEGIN JET
		CL	SILT/CLAY
11.2	-21.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,251,352	Northing(NAD83):	13,761,640
Hole Number:	ECP-P918-A			Freeboard:	4.5
Time:	10:51			Tide:	1.16
Sounding Depth:	-9.8	Bottom of Probe:	-20.3 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
0.5	-10.3	=====	
		CL	SILT/CLAY
8.5	-18.3	=====	BEGIN JET
		CL	SILT/CLAY
10.5	-20.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,849	Northing(NAD83):	13,761,617
Hole Number:	ECP-P917-A			Freeboard:	4
Time:	10:58			Tide:	1.2
Sounding Depth:	-10.2	Bottom of Probe:	-20.8 ft.	Penetration:	-10.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.6	-14.8	=====	
		CL	SILT/CLAY
9.6	-19.8	=====	BEGIN JET
		CL	SILT/CLAY
10.6	-20.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,340	Northing(NAD83):	13,761,587
Hole Number:	ECP-P916-A			Freeboard:	4
Time:	11:06			Tide:	1.12
Sounding Depth:	-10.2	Bottom of Probe:	-23.9 ft.	Penetration:	-13.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-14.9	=====	
		CL SILT/CLAY	BEGIN JET
8.7	-18.9	=====	
		CL SILT/CLAY	REFUSAL
13.7	-23.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,843	Northing(NAD83):	13,761,553
Hole Number:	ECP-P915-A			Freeboard:	4
Time:	11:42			Tide:	0.98
Sounding Depth:	-10.3	Bottom of Probe:	-20. ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.3	-14.5	=====	
		CL SILT/CLAY	BEGIN JET
6.8	-17.0	=====	
		CL SILT/CLAY	REFUSAL
9.8	-20.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,365	Northing(NAD83):	13,761,544
Hole Number:	ECP-P914-A			Freeboard:	4
Time:	11:49			Tide:	0.95
Sounding Depth:	-10.3	Bottom of Probe:	-19.1 ft.	Penetration:	-8.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.8	-14.1	=====	
		CL	SILT/CLAY
5.8	-16.1	=====	BEGIN JET
		SH	SHELL
8.8	-19.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,248,773	Northing(NAD83):	13,761,507
Hole Number:	ECP-P913-A			Freeboard:	4
Time:	11:56			Tide:	0.95
Sounding Depth:	-10.2	Bottom of Probe:	-18.1 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.9	-14.1	=====	
		CL	SILT/CLAY
6.9	-17.1	=====	BEGIN JET
		SH	SHELL
7.9	-18.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,248,340	Northing(NAD83):	13,761,485
Hole Number:	ECP-P912-A			Freeboard:	5
Time:	12:02			Tide:	0.91
Sounding Depth:	-10.2	Bottom of Probe:	-18.1 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.9	-15.1	=====	
		CL SILT/CLAY	BEGIN JET
6.9	-17.1	=====	
		SH SHELL	REFUSAL
7.9	-18.1	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,850	Northing(NAD83):	13,761,464
Hole Number:	ECP-P911-A			Freeboard:	4
Time:	12:10			Tide:	0.92
Sounding Depth:	-10.1	Bottom of Probe:	-16.1 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.0	-13.1	=====	
		CL SILT/CLAY	BEGIN JET
4.5	-14.6	=====	
		SH SHELL	REFUSAL
6.0	-16.1	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,350	Northing(NAD83):	13,761,436
Hole Number:	ECP-P910-A			Freeboard:	4.5
Time:	12:49			Tide:	0.71
Sounding Depth:	-10.2	Bottom of Probe:	-17.8 ft.	Penetration:	-7.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.6	-13.8	=====	
		CL	SILT/CLAY
5.6	-15.8	=====	BEGIN JET
		CL	SILT/CLAY
7.6	-17.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,848	Northing(NAD83):	13,761,411
Hole Number:	ECP-P909-A			Freeboard:	3.5
Time:	13:00			Tide:	0.78
Sounding Depth:	-10.0	Bottom of Probe:	-18.7 ft.	Penetration:	-8.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.7	-13.7	=====	
		CL	SILT/CLAY
5.7	-15.7	=====	BEGIN JET
		SH	SHELL
8.7	-18.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,348	Northing(NAD83):	13,761,391
Hole Number:	ECP-P908-A			Freeboard:	4
Time:	13:34			Tide:	0.7
Sounding Depth:	-9.8	Bottom of Probe:	-38.3 ft.	Penetration:	-28.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-16.3	=====	
		CL	SILT/CLAY
8.5	-18.3	=====	BEGIN JET
		CL	SILT/CLAY
28.5	-38.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,245,851	Northing(NAD83):	13,761,360
Hole Number:	ECP-P907-A			Freeboard:	4
Time:	13:44			Tide:	0.65
Sounding Depth:	-9.7	Bottom of Probe:	-24.9 ft.	Penetration:	-15.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.7	-15.4	=====	
		CL	SILT/CLAY
7.2	-16.9	=====	BEGIN JET
		CL	SILT/CLAY
15.2	-24.9	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,245,465	Northing(NAD83):	13,761,341
Hole Number:	ECP-P906-A			Freeboard:	4
Time:	13:50			Tide:	0.65
Sounding Depth:	-9.7	Bottom of Probe:	-18.4 ft.	Penetration:	-8.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.7	-14.4	=====	
		CL	SILT/CLAY
8.2	-17.9	=====	BEGIN JET
		CL	SILT/CLAY
8.7	-18.4	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,774	Northing(NAD83):	13,761,298
Hole Number:	ECP-P905-A			Freeboard:	5
Time:	13:57			Tide:	0.67
Sounding Depth:	-9.5	Bottom of Probe:	-19.3 ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.8	-11.3	=====	
		CL	SILT/CLAY
5.8	-15.3	=====	BEGIN JET
		CL	SILT/CLAY
9.8	-19.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,354	Northing(NAD83):	13,761,279
Hole Number:	ECP-P904-A			Freeboard:	6
Time:	14:04			Tide:	0.7
Sounding Depth:	-9.4	Bottom of Probe:	-14.3 ft.	Penetration:	-4.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
0.9	-10.3	=====	
		CL	SILT/CLAY
4.9	-14.3	=====	BEGIN JET
		CL	SILT/CLAY
4.9	-14.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,346	Northing(NAD83):	13,761,783
Hole Number:	ECP-P921-A			Freeboard:	4.5
Time:	14:13			Tide:	0.66
Sounding Depth:	-9.6	Bottom of Probe:	-19.3 ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.8	-11.3	=====	
		CL	SILT/CLAY
4.3	-13.8	=====	BEGIN JET
		CL	SILT/CLAY
9.8	-19.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,244,850	Northing(NAD83):	13,761,812
Hole Number:	ECP-P922-A			Freeboard:	4.5
Time:	14:22			Tide:	0.7
Sounding Depth:	-9.6	Bottom of Probe:	-21.8 ft.	Penetration:	-12.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.2	-11.8	=====	
		CL SILT/CLAY	BEGIN JET
6.2	-15.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
12.2	-21.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,347	Northing(NAD83):	13,761,886
Hole Number:	ECP-P923-A			Freeboard:	3.5
Time:	14:33			Tide:	0.71
Sounding Depth:	-9.9	Bottom of Probe:	-20.8 ft.	Penetration:	-10.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
-3.1	-6.8	=====	
		CL SILT/CLAY	BEGIN JET
-2.1	-7.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.9	-20.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,246,841	Northing(NAD83):	13,761,917
Hole Number:	ECP-P924-A			Freeboard:	3.5
Time:	14:40			Tide:	0.7
Sounding Depth:	-10.1	Bottom of Probe:	-17.3 ft.	Penetration:	-7.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.2	-13.3	=====	
		CL SILT/CLAY	BEGIN JET
4.7	-14.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.2	-17.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,342	Northing(NAD83):	13,761,939
Hole Number:	ECP-P925-A			Freeboard:	3.5
Time:	14:46			Tide:	0.67
Sounding Depth:	-10.3	Bottom of Probe:	-16.8 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.5	-13.8	=====	
		CL SILT/CLAY	BEGIN JET
5.5	-15.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
6.5	-16.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,247,831	Northing(NAD83):	13,761,975
Hole Number:	ECP-P926-A			Freeboard:	3
Time:	14:54			Tide:	0.73
Sounding Depth:	-10.2	Bottom of Probe:	-17.3 ft.	Penetration:	-7.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.3	=====	
		CL SILT/CLAY	BEGIN JET
6.1	-16.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.1	-17.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,248,301	Northing(NAD83):	13,761,988
Hole Number:	ECP-P927-A			Freeboard:	4
Time:	15:01			Tide:	0.72
Sounding Depth:	-10.3	Bottom of Probe:	-16.3 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.5	-13.8	=====	
		CL SILT/CLAY	BEGIN JET
5.0	-15.3	=====	
		SA-SH SAND & SHELL	REFUSAL
6.0	-16.3	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,348	Northing(NAD83):	13,762,051
Hole Number:	ECP-P928-A			Freeboard:	4
Time:	15:10			Tide:	0.78
Sounding Depth:	-10.2	Bottom of Probe:	-18.7 ft.	Penetration:	-8.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.0	-14.2	=====	
		CL	SILT/CLAY
7.5	-17.7	=====	BEGIN JET
		CL	SILT/CLAY
8.5	-18.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,249,830	Northing(NAD83):	13,762,076
Hole Number:	ECP-P929-A			Freeboard:	3.5
Time:	15:17			Tide:	0.75
Sounding Depth:	-10.3	Bottom of Probe:	-18.3 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.4	-13.8	=====	
		CL	SILT/CLAY
6.4	-16.8	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
7.9	-18.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,334	Northing(NAD83):	13,762,100
Hole Number:	ECP-P930-A			Freeboard:	3.5
Time:	15:23			Tide:	0.77
Sounding Depth:	-10.3	Bottom of Probe:	-24.7 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.7	=====	
		CL	SILT/CLAY
8.4	-18.7	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,250,833	Northing(NAD83):	13,762,120
Hole Number:	ECP-P931-A			Freeboard:	4
Time:	15:30			Tide:	0.75
Sounding Depth:	-10.4	Bottom of Probe:	-19.3 ft.	Penetration:	-8.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.9	-15.3	=====	
		CL	SILT/CLAY
6.9	-17.3	=====	BEGIN JET
		CL	SILT/CLAY
8.9	-19.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,251,334	Northing(NAD83):	13,762,155
Hole Number:	ECP-P932-A			Freeboard:	4
Time:	15:37			Tide:	0.73
Sounding Depth:	-10.3	Bottom of Probe:	-25.3 ft.	Penetration:	-14.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.4	-12.8	=====	
		CL	SILT/CLAY
8.9	-19.3	=====	BEGIN JET
		CL	SILT/CLAY
14.9	-25.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MT, NM
		Vessel:	"Shallow Draft 11"

Date:	02.10.20	Easting(NAD83):	3,251,825	Northing(NAD83):	13,762,173
Hole Number:	ECP-P933-A			Freeboard:	3.5
Time:	15:45			Tide:	0.78
Sounding Depth:	-10.3	Bottom of Probe:	-22.2 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.5	-15.7	=====	
		CL	SILT/CLAY
8.5	-18.7	=====	BEGIN JET
		CL	SILT/CLAY
12.0	-22.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,247,934	Northing(NAD83):	13,762,465
Hole Number:	ECP-P935-A			Freeboard:	4
Time:	8:19			Tide:	1.1
Sounding Depth:	-10.2	Bottom of Probe:	-20.9 ft.	Penetration:	-10.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.7	-13.9	=====	
		CL-SH	SILT/CLAY & SHELL
6.7	-16.9	=====	BEGIN JET
		SA-SH	SAND & SHELL
10.7	-20.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,248,816	Northing(NAD83):	13,762,514
Hole Number:	ECP-P936-A			Freeboard:	4
Time:	8:31			Tide:	1.12
Sounding Depth:	-10.5	Bottom of Probe:	-19.9 ft.	Penetration:	-9.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.4	-13.9	=====	
		CL	SILT/CLAY
6.4	-16.9	=====	BEGIN JET
		SA-SH	SAND & SHELL
9.4	-19.9	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,298	Northing(NAD83):	13,762,540
Hole Number:	ECP-P937-A			Freeboard:	3.5
Time:	8:38			Tide:	1.18
Sounding Depth:	-10.3	Bottom of Probe:	-22.3 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.0	-13.3	=====	
		CL SILT/CLAY	BEGIN JET
7.0	-17.3	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
12.0	-22.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,809	Northing(NAD83):	13,762,563
Hole Number:	ECP-P938-A			Freeboard:	4.5
Time:	8:46			Tide:	1.22
Sounding Depth:	-10.5	Bottom of Probe:	-18.3 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.8	-13.3	=====	
		CL SILT/CLAY	BEGIN JET
6.8	-17.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.8	-18.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,304	Northing(NAD83):	13,762,595
Hole Number:	ECP-P939-A			Freeboard:	3.5
Time:	8:53			Tide:	1.14
Sounding Depth:	-10.4	Bottom of Probe:	-20.9 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.0	-16.4	=====	
		CL SILT/CLAY	BEGIN JET
8.0	-18.4	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.5	-20.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,795	Northing(NAD83):	13,762,609
Hole Number:	ECP-P940-A			Freeboard:	4
Time:	9:02			Tide:	1.22
Sounding Depth:	-10.5	Bottom of Probe:	-17.8 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.8	-15.3	=====	
		CL SILT/CLAY	BEGIN JET
6.3	-16.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
7.3	-17.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,299	Northing(NAD83):	13,762,641
Hole Number:	ECP-P941-A			Freeboard:	4.5
Time:	9:09			Tide:	1.31
Sounding Depth:	-10.4	Bottom of Probe:	-19.2 ft.	Penetration:	-8.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.3	-12.7	=====	
		CL SILT/CLAY	BEGIN JET
6.8	-17.2	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
8.8	-19.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,801	Northing(NAD83):	13,762,670
Hole Number:	ECP-P942-A			Freeboard:	3.5
Time:	9:17			Tide:	1.17
Sounding Depth:	-10.4	Bottom of Probe:	-20.8 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.0	-17.3	=====	
		CL SILT/CLAY	BEGIN JET
10.5	-20.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
10.0	-20.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,252,201	Northing(NAD83):	13,762,699
Hole Number:	ECP-P943-A			Freeboard:	4.5
Time:	9:28			Tide:	1.22
Sounding Depth:	-10.4	Bottom of Probe:	-35.3 ft.	Penetration:	-24.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.9	-18.3	=====	
		CL	SILT/CLAY
12.9	-23.3	=====	BEGIN JET
		CL	SILT/CLAY
24.9	-35.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,252,212	Northing(NAD83):	13,762,209
Hole Number:	ECP-P934-A			Freeboard:	4
Time:	9:42			Tide:	1.29
Sounding Depth:	-10.2	Bottom of Probe:	-46.7 ft.	Penetration:	-36.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-16.7	=====	
		CL	SILT/CLAY
9.6	-19.7	=====	BEGIN JET
		CL	SILT/CLAY
36.6	-46.7	=====	NO REFUSAL

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,252,170	Northing(NAD83):	13,763,211
Hole Number:	ECP-P952-A			Freeboard:	3.5
Time:	9:55			Tide:	1.35
Sounding Depth:	-10.4	Bottom of Probe:	-29.2 ft.	Penetration:	-18.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.8	-18.2	=====	
		CL SILT/CLAY	BEGIN JET
10.8	-21.2	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
18.8	-29.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,771	Northing(NAD83):	13,763,172
Hole Number:	ECP-P951-A			Freeboard:	3.5
Time:	10:19			Tide:	1.35
Sounding Depth:	-10.5	Bottom of Probe:	-28.7 ft.	Penetration:	-18.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.7	-18.2	=====	
		CL SILT/CLAY	BEGIN JET
11.7	-22.2	=====	
		CL SILT/CLAY	REFUSAL
18.2	-28.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,247,975	Northing(NAD83):	13,762,986
Hole Number:	ECP-P944-A			Freeboard:	4.5
Time:	11:01			Tide:	1.48
Sounding Depth:	-10.3	Bottom of Probe:	-30. ft.	Penetration:	-19.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-15.0	=====	
		CL SILT/CLAY	BEGIN JET
7.7	-18.0	=====	
		CL SILT/CLAY	REFUSAL
19.7	-30.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,248,781	Northing(NAD83):	13,763,010
Hole Number:	ECP-P945-A			Freeboard:	3.5
Time:	11:12			Tide:	1.51
Sounding Depth:	-10.4	Bottom of Probe:	-19. ft.	Penetration:	-8.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.6	-15.0	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
6.1	-16.5	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
8.6	-19.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,284	Northing(NAD83):	13,763,039
Hole Number:	ECP-P946-A			Freeboard:	4
Time:	11:18			Tide:	1.49
Sounding Depth:	-10.5	Bottom of Probe:	-20.5 ft.	Penetration:	-10.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
4.5	-15.0	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.0	-16.5	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
10.0	-20.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,790	Northing(NAD83):	13,763,060
Hole Number:	ECP-P947-A			Freeboard:	4.5
Time:	11:24			Tide:	1.61
Sounding Depth:	-10.5	Bottom of Probe:	-19.9 ft.	Penetration:	-9.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
4.4	-14.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.4	-18.9	=====
		SA-CL SILT/CLAY & SAND REFUSAL
9.4	-19.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,285	Northing(NAD83):	13,763,091
Hole Number:	ECP-P948-A			Freeboard:	4
Time:	11:32			Tide:	1.57
Sounding Depth:	-10.6	Bottom of Probe:	-19.4 ft.	Penetration:	-8.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.9	-15.4	=====	
		CL SILT/CLAY	BEGIN JET
6.9	-17.4	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
8.9	-19.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,786	Northing(NAD83):	13,763,122
Hole Number:	ECP-P949-A			Freeboard:	4.5
Time:	11:40			Tide:	1.63
Sounding Depth:	-10.5	Bottom of Probe:	-22.9 ft.	Penetration:	-12.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.9	-18.4	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
11.4	-21.9	=====	
		SA SAND	REFUSAL
12.4	-22.9	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,288	Northing(NAD83):	13,763,150
Hole Number:	ECP-P950-A			Freeboard:	4
Time:	11:48			Tide:	1.55
Sounding Depth:	-10.5	Bottom of Probe:	-46.5 ft.	Penetration:	-36.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-13.5	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
9.0	-19.5	=====
		CL-SH SILT/CLAY & SHELL NO REFUSAL
36.0	-46.5	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,248,752	Northing(NAD83):	13,763,513
Hole Number:	ECP-P953-A			Freeboard:	5
Time:	12:06			Tide:	1.65
Sounding Depth:	-10.4	Bottom of Probe:	-32.4 ft.	Penetration:	-22.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.4	=====
Penetration Depth:		WOR SURFICIAL SILT
6.0	-16.4	=====
		CL SILT/CLAY BEGIN JET
10.0	-20.4	=====
		SA SAND NO REFUSAL
22.0	-32.4	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,252	Northing(NAD83):	13,763,540
Hole Number:	ECP-P954-A			Freeboard:	3.5
Time:	12:40			Tide:	1.63
Sounding Depth:	-10.4	Bottom of Probe:	-30.9 ft.	Penetration:	-20.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.4	-16.9	=====	
		CL SILT/CLAY	BEGIN JET
8.4	-18.9	=====	
		CL SILT/CLAY	REFUSAL
20.4	-30.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,249,756	Northing(NAD83):	13,763,566
Hole Number:	ECP-P955-A			Freeboard:	3.5
Time:	12:50			Tide:	1.72
Sounding Depth:	-10.5	Bottom of Probe:	-37.8 ft.	Penetration:	-27.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.3	-17.8	=====	
		CL SILT/CLAY	BEGIN JET
10.3	-20.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
27.3	-37.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,242	Northing(NAD83):	13,763,594
Hole Number:	ECP-P956-A			Freeboard:	3.5
Time:	12:58			Tide:	1.74
Sounding Depth:	-10.5	Bottom of Probe:	-34.8 ft.	Penetration:	-24.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.7	-18.3	=====	
		CL SILT/CLAY	BEGIN JET
10.2	-20.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
24.2	-34.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,250,762	Northing(NAD83):	13,763,631
Hole Number:	ECP-P957-A			Freeboard:	4
Time:	13:07			Tide:	1.72
Sounding Depth:	-10.5	Bottom of Probe:	-21.3 ft.	Penetration:	-10.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.7	-15.3	=====	
		CL SILT/CLAY	BEGIN JET
7.7	-18.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.7	-21.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,256	Northing(NAD83):	13,763,646
Hole Number:	ECP-P958-A			Freeboard:	3.5
Time:	13:14			Tide:	1.83
Sounding Depth:	-10.4	Bottom of Probe:	-37.7 ft.	Penetration:	-27.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.2	-14.7	=====	
		CL SILT/CLAY	BEGIN JET
11.2	-21.7	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
27.2	-37.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,251,748	Northing(NAD83):	13,763,675
Hole Number:	ECP-P959-A			Freeboard:	4
Time:	13:24			Tide:	1.82
Sounding Depth:	-10.4	Bottom of Probe:	-33.2 ft.	Penetration:	-22.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.8	-17.2	=====	
		CL SILT/CLAY	BEGIN JET
10.8	-21.2	=====	
		CL SILT/CLAY	REFUSAL
22.8	-33.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,252,163	Northing(NAD83):	13,763,694
Hole Number:	ECP-P960-A			Freeboard:	4
Time:	13:33			Tide:	1.87
Sounding Depth:	-10.4	Bottom of Probe:	-34.1 ft.	Penetration:	-23.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
10.7	-21.1	=====	
		CL SILT/CLAY	BEGIN JET
10.7	-21.1	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
23.7	-34.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,253,993	Northing(NAD83):	13,763,786
Hole Number:	ECP-P1048-A			Freeboard:	4
Time:	13:51			Tide:	1.86
Sounding Depth:	-10.6	Bottom of Probe:	-23.6 ft.	Penetration:	-13.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.6	-16.1	=====	
		CL SILT/CLAY	BEGIN JET
7.6	-18.1	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
13.1	-23.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,254,346	Northing(NAD83):	13,764,122
Hole Number:	ECP-P1049-A			Freeboard:	4
Time:	14:00			Tide:	1.96
Sounding Depth:	-10.5	Bottom of Probe:	-24. ft.	Penetration:	-13.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.5	-16.0	=====	
		CL SILT/CLAY	BEGIN JET
7.5	-18.0	=====	
		CL SILT/CLAY	REFUSAL
13.5	-24.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,254,695	Northing(NAD83):	13,764,495
Hole Number:	ECP-P1050-A			Freeboard:	4
Time:	14:08			Tide:	1.92
Sounding Depth:	-10.7	Bottom of Probe:	-20.1 ft.	Penetration:	-9.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.7	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-15.1	=====	
		CL SILT/CLAY	BEGIN JET
6.4	-17.1	=====	
		CL SILT/CLAY	REFUSAL
9.4	-20.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,254,983	Northing(NAD83):	13,764,899
Hole Number:	ECP-P1051-A			Freeboard:	4
Time:	14:17			Tide:	1.95
Sounding Depth:	-10.7	Bottom of Probe:	-22.1 ft.	Penetration:	-11.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.3	-15.1	=====	
		CL	SILT/CLAY
7.3	-18.1	=====	BEGIN JET
		CL	SILT/CLAY
11.3	-22.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,255,506	Northing(NAD83):	13,765,102
Hole Number:	ECP-P1052-A			Freeboard:	4.5
Time:	14:25			Tide:	1.89
Sounding Depth:	-10.7	Bottom of Probe:	-21.6 ft.	Penetration:	-10.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.4	-14.1	=====	
		CL	SILT/CLAY
6.9	-17.6	=====	BEGIN JET
		CL	SILT/CLAY
10.9	-21.6	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,255,746	Northing(NAD83):	13,765,562
Hole Number:	ECP-P1053-A			Freeboard:	4
Time:	14:32			Tide:	2.01
Sounding Depth:	-10.6	Bottom of Probe:	-23. ft.	Penetration:	-12.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.9	-14.5	=====	
		CL SILT/CLAY	BEGIN JET
10.4	-21.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
12.4	-23.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,256,103	Northing(NAD83):	13,765,903
Hole Number:	ECP-P1054-A			Freeboard:	3.5
Time:	14:40			Tide:	2.02
Sounding Depth:	-10.6	Bottom of Probe:	-21.5 ft.	Penetration:	-10.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.9	-16.5	=====	
		CL SILT/CLAY	BEGIN JET
8.4	-19.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.9	-21.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,256,465	Northing(NAD83):	13,766,261
Hole Number:	ECP-P1055-A			Freeboard:	4
Time:	14:47			Tide:	1.96
Sounding Depth:	-10.6	Bottom of Probe:	-22. ft.	Penetration:	-11.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-15.0	=====	
		CL SILT/CLAY	BEGIN JET
8.4	-19.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
11.4	-22.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, MM
		Vessel:	"Shallow Draft 11"

Date:	02.15.20	Easting(NAD83):	3,256,810	Northing(NAD83):	13,766,609
Hole Number:	ECP-P1056-A			Freeboard:	4
Time:	14:55			Tide:	2.03
Sounding Depth:	-10.6	Bottom of Probe:	-23. ft.	Penetration:	-12.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.4	-17.0	=====	
		CL SILT/CLAY	BEGIN JET
9.4	-20.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
12.4	-23.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,254,328	Northing(NAD83):	13,763,460
Hole Number:	ECP-P1040-A			Freeboard:	3.5
Time:	11:54			Tide:	1.36
Sounding Depth:	-10.6	Bottom of Probe:	-24.1 ft.	Penetration:	-13.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.5	-17.1	=====	
		CL SILT/CLAY	BEGIN JET
9.5	-20.1	=====	
		SA-SH SAND & SHELL	REFUSAL
13.5	-24.1	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,255,055	Northing(NAD83):	13,764,120
Hole Number:	ECP-P1041-A			Freeboard:	3
Time:	12:07			Tide:	1.38
Sounding Depth:	-10.6	Bottom of Probe:	-22.6 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.0	-16.6	=====	
		CL SILT/CLAY	BEGIN JET
8.0	-18.6	=====	
		SA SAND	REFUSAL
12.0	-22.6	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,255,412	Northing(NAD83):	13,764,498
Hole Number:	ECP-P1042-A			Freeboard:	3
Time:	12:14			Tide:	1.39
Sounding Depth:	-10.6	Bottom of Probe:	-21.6 ft.	Penetration:	-11.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.6	=====
Penetration Depth:		WOR SURFICIAL SILT
6.5	-17.1	=====
		SA SAND BEGIN JET
8.0	-18.6	=====
		SA SAND REFUSAL
11.0	-21.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,255,768	Northing(NAD83):	13,764,853
Hole Number:	ECP-P1043-A			Freeboard:	3
Time:	12:21			Tide:	1.4
Sounding Depth:	-10.6	Bottom of Probe:	-21.6 ft.	Penetration:	-11.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.6	=====
Penetration Depth:		WOR SURFICIAL SILT
5.5	-16.1	=====
		CL SILT/CLAY BEGIN JET
7.0	-17.6	=====
		SA SAND REFUSAL
11.0	-21.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,256,275	Northing(NAD83):	13,765,029
Hole Number:	ECP-P1035-A			Freeboard:	3.5
Time:	12:27			Tide:	1.41
Sounding Depth:	-10.6	Bottom of Probe:	-40.1 ft.	Penetration:	-29.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
8.0	-18.6	=====	
		CL	SILT/CLAY
9.5	-20.1	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
29.5	-40.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,256,484	Northing(NAD83):	13,765,546
Hole Number:	ECP-P1044-A			Freeboard:	3.5
Time:	12:36			Tide:	1.45
Sounding Depth:	-10.6	Bottom of Probe:	-29.1 ft.	Penetration:	-18.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.5	-17.1	=====	
		CL	SILT/CLAY
11.0	-21.6	=====	BEGIN JET
		SA	SAND
18.5	-29.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,256,818	Northing(NAD83):	13,765,900
Hole Number:	ECP-P1045-A			Freeboard:	3.5
Time:	12:44			Tide:	1.47
Sounding Depth:	-10.9	Bottom of Probe:	-29.5 ft.	Penetration:	-18.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.6	-16.5	=====	
		CL	SILT/CLAY
11.1	-22.0	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
18.6	-29.5	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,272	Northing(NAD83):	13,766,170
Hole Number:	ECP-P1046-A			Freeboard:	3.5
Time:	12:53			Tide:	1.5
Sounding Depth:	-10.6	Bottom of Probe:	-24. ft.	Penetration:	-13.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.4	-17.0	=====	
		SA-CL	SILT/CLAY & SAND
8.4	-19.0	=====	BEGIN JET
		SA	SAND
13.4	-24.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,516	Northing(NAD83):	13,766,638
Hole Number:	ECP-P1047-A			Freeboard:	3
Time:	12:59			Tide:	1.47
Sounding Depth:	-10.6	Bottom of Probe:	-22.5 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.0	-15.5	=====	
		SA-SH	SAND & SHELL
7.5	-18.0	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
12.0	-22.5	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	San Leon	Engineer:	JRB, CH, NM	
		Vessel:	"Shallow Draft 11"	

Date:	02.16.20	Easting(NAD83):	3,257,164	Northing(NAD83):	13,766,961
Hole Number:	ECP-P1057-A			Freeboard:	3.5
Time:	13:05			Tide:	1.53
Sounding Depth:	-10.7	Bottom of Probe:	-24. ft.	Penetration:	-13.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.3	-18.0	=====	
		CL	SILT/CLAY
10.8	-21.5	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
13.3	-24.0	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,878	Northing(NAD83):	13,766,239
Hole Number:	ECP-P1039-A			Freeboard:	3.5
Time:	13:16			Tide:	1.51
Sounding Depth:	-10.6	Bottom of Probe:	-22. ft.	Penetration:	-11.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.9	-16.5	=====	
		CL SILT/CLAY	BEGIN JET
7.4	-18.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
11.4	-22.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,282	Northing(NAD83):	13,765,847
Hole Number:	ECP-P1030-A			Freeboard:	3.5
Time:	13:24			Tide:	1.52
Sounding Depth:	-10.6	Bottom of Probe:	-31.5 ft.	Penetration:	-20.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.4	-16.0	=====	
		CL SILT/CLAY	BEGIN JET
10.4	-21.0	=====	
		CL SILT/CLAY	REFUSAL
20.9	-31.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,588	Northing(NAD83):	13,765,545
Hole Number:	ECP-P1021-A			Freeboard:	3.5
Time:	13:32			Tide:	1.52
Sounding Depth:	-10.4	Bottom of Probe:	-36. ft.	Penetration:	-25.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.5	=====	
		CL SILT/CLAY	BEGIN JET
11.6	-22.0	=====	
		CL SILT/CLAY	REFUSAL
25.6	-36.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,947	Northing(NAD83):	13,765,189
Hole Number:	ECP-P1020-A			Freeboard:	3.5
Time:	13:41			Tide:	1.53
Sounding Depth:	-10.4	Bottom of Probe:	-24.5 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.1	-13.5	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
9.6	-20.0	=====	
		CL SILT/CLAY	REFUSAL
14.1	-24.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,470	Northing(NAD83):	13,765,944
Hole Number:	ECP-P1038-A			Freeboard:	3.5
Time:	13:56			Tide:	1.61
Sounding Depth:	-10.5	Bottom of Probe:	-20.4 ft.	Penetration:	-9.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.9	-16.4	=====	
		CL SILT/CLAY	BEGIN JET
7.4	-17.9	=====	
		SA SAND	REFUSAL
9.9	-20.4	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,238	Northing(NAD83):	13,765,184
Hole Number:	ECP-P1018-A			Freeboard:	3.5
Time:	14:07			Tide:	1.57
Sounding Depth:	-10.5	Bottom of Probe:	-36.9 ft.	Penetration:	-26.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.4	-14.9	=====	
		CL SILT/CLAY	BEGIN JET
12.9	-23.4	=====	
		CL SILT/CLAY	REFUSAL
26.4	-36.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,413	Northing(NAD83):	13,764,991
Hole Number:	ECP-P1019-A			Freeboard:	3.5
Time:	14:16			Tide:	1.56
Sounding Depth:	-10.4	Bottom of Probe:	-20.9 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-14.9	=====	
		CL SILT/CLAY	BEGIN JET
7.5	-17.9	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
10.5	-20.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,939	Northing(NAD83):	13,764,478
Hole Number:	ECP-P1001-A			Freeboard:	3.5
Time:	14:23			Tide:	1.61
Sounding Depth:	-10.4	Bottom of Probe:	-19.9 ft.	Penetration:	-9.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.5	-13.9	=====	
		SH SHELL	-
5.5	-15.9	=====	
		CL SILT/CLAY	BEGIN JET
7.0	-17.4	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
9.5	-19.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,259,294	Northing(NAD83):	13,764,124
Hole Number:	ECP-P992-A			Freeboard:	3.5
Time:	14:30			Tide:	1.62
Sounding Depth:	-10.4	Bottom of Probe:	-30.9 ft.	Penetration:	-20.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.4	=====
Penetration Depth:		WOR SURFICIAL SILT
4.5	-14.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.5	-18.9	=====
		SA-CL SILT/CLAY & SAND REFUSAL
20.5	-30.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,162	Northing(NAD83):	13,765,544
Hole Number:	ECP-P1037-A			Freeboard:	3.5
Time:	14:48			Tide:	1.66
Sounding Depth:	-10.6	Bottom of Probe:	-24.3 ft.	Penetration:	-13.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.6	=====
Penetration Depth:		WOR SURFICIAL SILT
5.2	-15.8	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
7.2	-17.8	=====
		SA SAND REFUSAL
13.7	-24.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,530	Northing(NAD83):	13,765,180
Hole Number:	ECP-P1029-A			Freeboard:	3.5
Time:	14:56			Tide:	1.69
Sounding Depth:	-10.5	Bottom of Probe:	-33.8 ft.	Penetration:	-23.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.8	-14.3	=====	
		CL SILT/CLAY	BEGIN JET
11.8	-22.3	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
23.3	-33.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,257,876	Northing(NAD83):	13,764,851
Hole Number:	ECP-P1017-A			Freeboard:	3
Time:	15:08			Tide:	1.68
Sounding Depth:	-10.6	Bottom of Probe:	-34.8 ft.	Penetration:	-24.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.7	-14.3	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
12.7	-23.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
24.2	-34.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,237	Northing(NAD83):	13,764,470
Hole Number:	ECP-P1009-A			Freeboard:	3.5
Time:	15:17			Tide:	1.7
Sounding Depth:	-10.4	Bottom of Probe:	-21.8 ft.	Penetration:	-11.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.5	-16.8	=====	
		CL SILT/CLAY	BEGIN JET
9.5	-19.8	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
11.5	-21.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,581	Northing(NAD83):	13,764,136
Hole Number:	ECP-P1000-A			Freeboard:	3.5
Time:	15:24			Tide:	1.76
Sounding Depth:	-10.3	Bottom of Probe:	-25.7 ft.	Penetration:	-15.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.9	-17.2	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
10.9	-21.2	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
15.4	-25.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,954	Northing(NAD83):	13,763,759
Hole Number:	ECP-P991-A			Freeboard:	3.5
Time:	15:31			Tide:	1.79
Sounding Depth:	-10.1	Bottom of Probe:	-29.7 ft.	Penetration:	-19.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.6	-15.7	=====	
		CL SILT/CLAY	BEGIN JET
8.6	-18.7	=====	
		SA SAND	REFUSAL
19.6	-29.7	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,259,309	Northing(NAD83):	13,763,409
Hole Number:	ECP-P983-A			Freeboard:	3.5
Time:	15:40			Tide:	1.8
Sounding Depth:	-10.1	Bottom of Probe:	-21.2 ft.	Penetration:	-11.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.2	=====	
		CL SILT/CLAY	BEGIN JET
5.6	-15.7	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
11.1	-21.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,259,968	Northing(NAD83):	13,762,746
Hole Number:	ECP-P968-A			Freeboard:	3.5
Time:	15:48			Tide:	1.78
Sounding Depth:	-10.1	Bottom of Probe:	-31.7 ft.	Penetration:	-21.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.6	-13.7	=====	
		CL	SILT/CLAY
3.6	-13.7	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
21.6	-31.7	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	San Leon	Engineer:	JRB, CH, NM	
		Vessel:	"Shallow Draft 11"	

Date:	02.16.20	Easting(NAD83):	3,259,563	Northing(NAD83):	13,762,257
Hole Number:	ECP-P967-A			Freeboard:	3.5
Time:	16:00			Tide:	1.78
Sounding Depth:	-10.0	Bottom of Probe:	-21.7 ft.	Penetration:	-11.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.2	-14.2	=====	
		SA	SAND
4.7	-14.7	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
11.7	-21.7	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,259,290	Northing(NAD83):	13,761,999
Hole Number:	ECP-P966-A			Freeboard:	3.5
Time:	16:06			Tide:	1.8
Sounding Depth:	-10.2	Bottom of Probe:	-21.2 ft.	Penetration:	-11.0 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
6.0	-16.2	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.5	-18.7	=====
		SA-CL SILT/CLAY & SAND REFUSAL
11.0	-21.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,935	Northing(NAD83):	13,761,650
Hole Number:	ECP-P965-A			Freeboard:	3.5
Time:	16:12			Tide:	1.84
Sounding Depth:	-10.1	Bottom of Probe:	-31.7 ft.	Penetration:	-21.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
5.5	-15.7	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.0	-18.2	=====
		SA-CL SILT/CLAY & SAND REFUSAL
21.5	-31.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,567	Northing(NAD83):	13,761,296
Hole Number:	ECP-P964-A			Freeboard:	3.5
Time:	16:21			Tide:	1.89
Sounding Depth:	-10.2	Bottom of Probe:	-32.6 ft.	Penetration:	-22.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
6.5	-16.6	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
9.0	-19.1	=====
		SA-CL SILT/CLAY & SAND REFUSAL
22.5	-32.6	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, CH, NM
		Vessel:	"Shallow Draft 11"

Date:	02.16.20	Easting(NAD83):	3,258,226	Northing(NAD83):	13,760,942
Hole Number:	ECP-P963-A			Freeboard:	3.5
Time:	16:28			Tide:	1.91
Sounding Depth:	-10.1	Bottom of Probe:	-32.6 ft.	Penetration:	-22.5 ft.

	Elevation	Description / Material
Surveyed ==>	-10.1	=====
Penetration Depth:		WOR SURFICIAL SILT
7.5	-17.6	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
9.0	-19.1	=====
		SA-CL SILT/CLAY & SAND REFUSAL
22.5	-32.6	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,255,418	Northing(NAD83):	13,763,095
Hole Number:	ECP-P1023-A			Freeboard:	3.5
Time:	11:08			Tide:	0.88
Sounding Depth:	-10.3	Bottom of Probe:	-24.6 ft.	Penetration:	-14.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.3	-16.6	=====	
		CL SILT/CLAY	BEGIN JET
8.3	-18.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
14.3	-24.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,255,042	Northing(NAD83):	13,762,702
Hole Number:	ECP-P1022-A			Freeboard:	3
Time:	11:19			Tide:	0.92
Sounding Depth:	-10.6	Bottom of Probe:	-21.1 ft.	Penetration:	-10.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.5	-16.1	=====	
		CL SILT/CLAY	BEGIN JET
8.5	-19.1	=====	
		SH SHELL	REFUSAL
10.5	-21.1	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,255,406	Northing(NAD83):	13,762,364
Hole Number:	ECP-P1010-A			Freeboard:	3
Time:	11:25			Tide:	0.93
Sounding Depth:	-10.4	Bottom of Probe:	-32.6 ft.	Penetration:	-22.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.7	-17.1	=====	
		CL	SILT/CLAY
9.7	-20.1	=====	BEGIN JET
		CL	SILT/CLAY
22.2	-32.6	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,255,759	Northing(NAD83):	13,762,002
Hole Number:	ECP-P1002-A			Freeboard:	3
Time:	11:33			Tide:	0.94
Sounding Depth:	-10.3	Bottom of Probe:	-28.6 ft.	Penetration:	-18.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.7	-17.1	=====	
		CL	SILT/CLAY
8.2	-18.6	=====	BEGIN JET
		SH	SHELL
18.2	-28.6	=====	REFUSAL

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,256,096	Northing(NAD83):	13,761,649
Hole Number:	ECP-P993-A			Freeboard:	3
Time:	11:42			Tide:	0.97
Sounding Depth:	-10.3	Bottom of Probe:	-25. ft.	Penetration:	-14.7 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
5.7	-16.0	=====
		SA SAND BEGIN JET
9.7	-20.0	=====
		SA-CL SILT/CLAY & SAND REFUSAL
14.7	-25.0	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,256,468	Northing(NAD83):	13,761,300
Hole Number:	ECP-P984-A			Freeboard:	3
Time:	11:49			Tide:	0.98
Sounding Depth:	-10.3	Bottom of Probe:	-38. ft.	Penetration:	-27.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.3	=====
Penetration Depth:		WOR SURFICIAL SILT
5.8	-16.0	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.8	-19.0	=====
		SA SAND REFUSAL
27.8	-38.0	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,256,821	Northing(NAD83):	13,760,938
Hole Number:	ECP-P976-A			Freeboard:	3
Time:	11:57			Tide:	0.98
Sounding Depth:	-10.4	Bottom of Probe:	-38.5 ft.	Penetration:	-28.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-17.0	=====	
		CL	SILT/CLAY
9.1	-19.5	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
28.1	-38.5	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,181	Northing(NAD83):	13,760,593
Hole Number:	ECP-P969-A			Freeboard:	3
Time:	12:06			Tide:	1.02
Sounding Depth:	-10.2	Bottom of Probe:	-29. ft.	Penetration:	-18.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.8	-16.0	=====	
		SA	SAND
8.8	-19.0	=====	BEGIN JET
		SA	SAND
18.8	-29.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,525	Northing(NAD83):	13,760,242
Hole Number:	ECP-P961-A			Freeboard:	3
Time:	12:36			Tide:	1.12
Sounding Depth:	-10.1	Bottom of Probe:	-45.9 ft.	Penetration:	-35.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.8	-16.9	=====	
		CL SILT/CLAY	BEGIN JET
10.8	-20.9	=====	
		SA SAND	REFUSAL
35.8	-45.9	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,885	Northing(NAD83):	13,760,606
Hole Number:	ECP-P962-A			Freeboard:	3.5
Time:	12:46			Tide:	1.13
Sounding Depth:	-10.0	Bottom of Probe:	-32.4 ft.	Penetration:	-22.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.4	-16.4	=====	
		CL SILT/CLAY	BEGIN JET
8.4	-18.4	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
22.4	-32.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,502	Northing(NAD83):	13,760,944
Hole Number:	ECP-P970-A			Freeboard:	3.5
Time:	12:55			Tide:	1.18
Sounding Depth:	-10.2	Bottom of Probe:	-42.3 ft.	Penetration:	-32.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.6	-17.8	=====	
		CL SILT/CLAY	BEGIN JET
9.6	-19.8	=====	
		SA-SH SAND & SHELL	REFUSAL
32.1	-42.3	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,877	Northing(NAD83):	13,761,309
Hole Number:	ECP-P971-A			Freeboard:	3
Time:	13:04			Tide:	1.2
Sounding Depth:	-10.2	Bottom of Probe:	-30.8 ft.	Penetration:	-20.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.6	-16.8	=====	
		CL SILT/CLAY	BEGIN JET
9.1	-19.3	=====	
		CL SILT/CLAY	REFUSAL
20.6	-30.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,226	Northing(NAD83):	13,761,671
Hole Number:	ECP-P972-A			Freeboard:	3
Time:	13:11			Tide:	1.22
Sounding Depth:	-10.1	Bottom of Probe:	-22.8 ft.	Penetration:	-12.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.7	-15.8	=====	
		CL	SILT/CLAY
7.7	-17.8	=====	BEGIN JET
		CL	SILT/CLAY
12.7	-22.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,590	Northing(NAD83):	13,762,019
Hole Number:	ECP-P973-A			Freeboard:	3.5
Time:	13:18			Tide:	1.23
Sounding Depth:	-10.2	Bottom of Probe:	-20.8 ft.	Penetration:	-10.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.1	-16.3	=====	
		CL	SILT/CLAY
8.1	-18.3	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
10.6	-20.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,939	Northing(NAD83):	13,762,375
Hole Number:	ECP-P974-A			Freeboard:	3.5
Time:	13:25			Tide:	1.26
Sounding Depth:	-10.2	Bottom of Probe:	-22.7 ft.	Penetration:	-12.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.2	=====	
		CL SILT/CLAY	BEGIN JET
9.1	-19.2	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
12.6	-22.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,259,293	Northing(NAD83):	13,762,730
Hole Number:	ECP-P975-A			Freeboard:	3.5
Time:	13:32			Tide:	1.28
Sounding Depth:	-10.2	Bottom of Probe:	-22.2 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-14.7	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
8.5	-18.7	=====	
		CL SILT/CLAY	REFUSAL
12.0	-22.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,927	Northing(NAD83):	13,763,082
Hole Number:	ECP-P982-A			Freeboard:	3.5
Time:	13:40			Tide:	1.31
Sounding Depth:	-10.2	Bottom of Probe:	-19.2 ft.	Penetration:	-9.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.0	-15.2	=====	
		CL	SILT/CLAY
7.5	-17.7	=====	BEGIN JET
		SA	SAND
9.0	-19.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,575	Northing(NAD83):	13,762,703
Hole Number:	ECP-P981-A			Freeboard:	3.5
Time:	13:46			Tide:	1.32
Sounding Depth:	-10.2	Bottom of Probe:	-19.2 ft.	Penetration:	-9.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.5	-14.7	=====	
		CL	SILT/CLAY
8.0	-18.2	=====	BEGIN JET
		SA-SH	SAND & SHELL
9.0	-19.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,209	Northing(NAD83):	13,762,363
Hole Number:	ECP-P980-A			Freeboard:	3.5
Time:	13:52			Tide:	1.35
Sounding Depth:	-10.2	Bottom of Probe:	-25.2 ft.	Penetration:	-14.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.7	=====	
		CL	SILT/CLAY
7.9	-18.2	=====	BEGIN JET
		CL	SILT/CLAY
14.9	-25.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,878	Northing(NAD83):	13,762,007
Hole Number:	ECP-P979-A			Freeboard:	3.5
Time:	13:59			Tide:	1.37
Sounding Depth:	-10.3	Bottom of Probe:	-22.1 ft.	Penetration:	-11.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.6	=====	
		CL	SILT/CLAY
7.9	-18.1	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
11.9	-22.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,510	Northing(NAD83):	13,761,662
Hole Number:	ECP-P978-A			Freeboard:	3
Time:	14:05			Tide:	1.39
Sounding Depth:	-10.1	Bottom of Probe:	-33.6 ft.	Penetration:	-23.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.5	-16.6	=====	
		CL SILT/CLAY	BEGIN JET
8.5	-18.6	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
23.5	-33.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,160	Northing(NAD83):	13,761,304
Hole Number:	ECP-P977-A			Freeboard:	3.5
Time:	14:15			Tide:	1.43
Sounding Depth:	-10.4	Bottom of Probe:	-21.6 ft.	Penetration:	-11.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.2	-16.6	=====	
		CL SILT/CLAY	BEGIN JET
8.7	-19.1	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
11.2	-21.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,256,811	Northing(NAD83):	13,761,667
Hole Number:	ECP-P985-A			Freeboard:	3.5
Time:	14:24			Tide:	1.55
Sounding Depth:	-10.1	Bottom of Probe:	-20. ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.3	-15.5	=====	
		CL	SILT/CLAY
7.8	-18.0	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
9.8	-20.0	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	San Leon	Engineer:	JRB, MM, NM	
		Vessel:	"Shallow Draft 11"	

Date:	02.17.20	Easting(NAD83):	3,256,455	Northing(NAD83):	13,762,011
Hole Number:	ECP-P994-A			Freeboard:	3
Time:	14:33			Tide:	1.46
Sounding Depth:	-10.2	Bottom of Probe:	-33.5 ft.	Penetration:	-23.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.8	-16.0	=====	
		CL	SILT/CLAY
9.3	-19.5	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
23.3	-33.5	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,587	Northing(NAD83):	13,763,414
Hole Number:	ECP-P990-A			Freeboard:	3.5
Time:	14:55			Tide:	1.56
Sounding Depth:	-10.2	Bottom of Probe:	-29.9 ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.3	-15.4	=====	
		CL SILT/CLAY	BEGIN JET
8.8	-18.9	=====	
		CL SILT/CLAY	REFUSAL
19.8	-29.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,205	Northing(NAD83):	13,763,070
Hole Number:	ECP-P989-A			Freeboard:	3.5
Time:	15:04			Tide:	1.64
Sounding Depth:	-10.4	Bottom of Probe:	-18.9 ft.	Penetration:	-8.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.5	-14.9	=====	
		CL SILT/CLAY	BEGIN JET
6.0	-16.4	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
8.5	-18.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,862	Northing(NAD83):	13,762,711
Hole Number:	ECP-P988-A			Freeboard:	3.5
Time:	15:11			Tide:	1.62
Sounding Depth:	-10.2	Bottom of Probe:	-33.9 ft.	Penetration:	-23.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.2	-17.4	=====	
		CL SILT/CLAY	BEGIN JET
11.2	-21.4	=====	
		CL SILT/CLAY	REFUSAL
23.7	-33.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,507	Northing(NAD83):	13,762,364
Hole Number:	ECP-P987-A			Freeboard:	3
Time:	15:19			Tide:	1.66
Sounding Depth:	-10.3	Bottom of Probe:	-20.3 ft.	Penetration:	-10.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.1	-17.3	=====	
		CL SILT/CLAY	BEGIN JET
9.1	-19.3	=====	
		SH SHELL	REFUSAL
10.1	-20.3	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,166	Northing(NAD83):	13,762,011
Hole Number:	ECP-P986-A			Freeboard:	3.5
Time:	15:28			Tide:	1.68
Sounding Depth:	-10.2	Bottom of Probe:	-24.8 ft.	Penetration:	-14.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.6	-15.8	=====	
		CL SILT/CLAY	BEGIN JET
8.1	-18.3	=====	
		CL SILT/CLAY	REFUSAL
14.6	-24.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,258,236	Northing(NAD83):	13,763,775
Hole Number:	ECP-P999-A			Freeboard:	3.5
Time:	15:46			Tide:	1.7
Sounding Depth:	-10.2	Bottom of Probe:	-19.8 ft.	Penetration:	-9.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-15.3	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
7.1	-17.3	=====	
		SA-SH SAND & SHELL	REFUSAL
9.6	-19.8	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,860	Northing(NAD83):	13,763,421
Hole Number:	ECP-P998-A			Freeboard:	3.5
Time:	15:53			Tide:	1.73
Sounding Depth:	-10.4	Bottom of Probe:	-20.8 ft.	Penetration:	-10.4 ft.

	Elevation	Description / Material
Surveyed ==>	-10.4	=====
Penetration Depth:		WOR SURFICIAL SILT
5.4	-15.8	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
8.4	-18.8	=====
		SA SAND REFUSAL
10.4	-20.8	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,518	Northing(NAD83):	13,763,066
Hole Number:	ECP-P997-A			Freeboard:	3.5
Time:	15:59			Tide:	1.71
Sounding Depth:	-10.2	Bottom of Probe:	-26.8 ft.	Penetration:	-16.6 ft.

	Elevation	Description / Material
Surveyed ==>	-10.2	=====
Penetration Depth:		WOR SURFICIAL SILT
6.6	-16.8	=====
		CL SILT/CLAY BEGIN JET
11.6	-21.8	=====
		CL SILT/CLAY REFUSAL
16.6	-26.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,257,156	Northing(NAD83):	13,762,716
Hole Number:	ECP-P996-A			Freeboard:	3.5
Time:	16:06			Tide:	1.86
Sounding Depth:	-10.4	Bottom of Probe:	-19.1 ft.	Penetration:	-8.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
4.3	-14.6	=====	
		CL SILT/CLAY	BEGIN JET
6.8	-17.1	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
8.8	-19.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.17.20	Easting(NAD83):	3,256,796	Northing(NAD83):	13,762,358
Hole Number:	ECP-P995-A			Freeboard:	3.5
Time:	16:12			Tide:	1.76
Sounding Depth:	-10.2	Bottom of Probe:	-28.7 ft.	Penetration:	-18.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
8.5	-18.7	=====	
		CL SILT/CLAY	BEGIN JET
12.5	-22.7	=====	
		CL SILT/CLAY	REFUSAL
18.5	-28.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,255,041	Northing(NAD83):	13,763,433
Hole Number:	ECP-P1031-A			Freeboard:	3.5
Time:	8:54			Tide:	0.77
Sounding Depth:	-10.6	Bottom of Probe:	-22.7 ft.	Penetration:	-12.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.2	-16.7	=====	
		CL	SILT/CLAY
8.2	-18.7	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
12.2	-22.7	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	San Leon	Engineer:	JRB, MM, NM	
		Vessel:	"Shallow Draft 11"	

Date:	02.18.20	Easting(NAD83):	3,255,405	Northing(NAD83):	13,763,787
Hole Number:	ECP-P1032-A			Freeboard:	3.5
Time:	9:18			Tide:	0.75
Sounding Depth:	-10.6	Bottom of Probe:	-23.8 ft.	Penetration:	-13.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.2	-16.8	=====	
		CL	SILT/CLAY
8.7	-19.3	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
13.2	-23.8	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,255,766	Northing(NAD83):	13,764,138
Hole Number:	ECP-P1033-A			Freeboard:	3.5
Time:	9:24			Tide:	0.74
Sounding Depth:	-10.6	Bottom of Probe:	-21.8 ft.	Penetration:	-11.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.7	-16.3	=====	
		CL SILT/CLAY	BEGIN JET
7.2	-17.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
11.2	-21.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,115	Northing(NAD83):	13,764,486
Hole Number:	ECP-P1034-A			Freeboard:	3.5
Time:	9:30			Tide:	0.74
Sounding Depth:	-10.6	Bottom of Probe:	-21.8 ft.	Penetration:	-11.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.2	-16.8	=====	
		CL SILT/CLAY	BEGIN JET
8.2	-18.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
11.2	-21.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,829	Northing(NAD83):	13,765,199
Hole Number:	ECP-P1036-A			Freeboard:	3
Time:	9:37			Tide:	0.73
Sounding Depth:	-10.5	Bottom of Probe:	-21.3 ft.	Penetration:	-10.8 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
5.3	-15.8	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
7.8	-18.3	=====
		SA SAND REFUSAL
10.8	-21.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,177	Northing(NAD83):	13,764,829
Hole Number:	ECP-P1028-A			Freeboard:	3.5
Time:	9:45			Tide:	0.73
Sounding Depth:	-10.5	Bottom of Probe:	-21.8 ft.	Penetration:	-11.3 ft.

	Elevation	Description / Material
Surveyed ==>	-10.5	=====
Penetration Depth:		WOR SURFICIAL SILT
4.3	-14.8	=====
		CL SILT/CLAY BEGIN JET
8.3	-18.8	=====
		SA-CL SILT/CLAY & SAND REFUSAL
11.3	-21.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,530	Northing(NAD83):	13,764,483
Hole Number:	ECP-P1016-A			Freeboard:	3.5
Time:	9:51			Tide:	0.72
Sounding Depth:	-10.5	Bottom of Probe:	-31.8 ft.	Penetration:	-21.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.3	-16.8	=====	
		CL	SILT/CLAY
13.3	-23.8	=====	BEGIN JET
		CL	SILT/CLAY
21.3	-31.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,884	Northing(NAD83):	13,764,120
Hole Number:	ECP-P1008-A			Freeboard:	3.5
Time:	9:58			Tide:	0.73
Sounding Depth:	-10.4	Bottom of Probe:	-24.8 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.9	-16.3	=====	
		CL	SILT/CLAY
8.4	-18.8	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,518	Northing(NAD83):	13,763,763
Hole Number:	ECP-P1007-A			Freeboard:	3.5
Time:	10:06			Tide:	0.72
Sounding Depth:	-10.4	Bottom of Probe:	-28.3 ft.	Penetration:	-17.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.9	-14.3	=====	
		CL	SILT/CLAY
10.4	-20.8	=====	BEGIN JET
		CL	SILT/CLAY
17.9	-28.3	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,267	Northing(NAD83):	13,763,311
Hole Number:	ECP-P1006-A			Freeboard:	3.5
Time:	10:16			Tide:	0.72
Sounding Depth:	-10.3	Bottom of Probe:	-20.8 ft.	Penetration:	-10.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.4	-15.8	=====	
		CL	SILT/CLAY
7.4	-17.8	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
10.4	-20.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,808	Northing(NAD83):	13,763,064
Hole Number:	ECP-P1005-A			Freeboard:	3.5
Time:	10:23			Tide:	0.73
Sounding Depth:	-10.2	Bottom of Probe:	-25.8 ft.	Penetration:	-15.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.6	-16.8	=====	
		CL	SILT/CLAY
8.6	-18.8	=====	BEGIN JET
		CL	SILT/CLAY
15.6	-25.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,456	Northing(NAD83):	13,762,714
Hole Number:	ECP-P1004-A			Freeboard:	3.5
Time:	10:30			Tide:	0.74
Sounding Depth:	-10.3	Bottom of Probe:	-24.8 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.9	-17.3	=====	
		CL	SILT/CLAY
8.9	-19.3	=====	BEGIN JET
		CL	SILT/CLAY
14.4	-24.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,105	Northing(NAD83):	13,762,348
Hole Number:	ECP-P1003-A			Freeboard:	3.5
Time:	10:35			Tide:	0.74
Sounding Depth:	-10.2	Bottom of Probe:	-33.8 ft.	Penetration:	-23.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
7.6	-17.8	=====	
		CL	SILT/CLAY
9.6	-19.8	=====	BEGIN JET
		CL	SILT/CLAY
23.6	-33.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,255,744	Northing(NAD83):	13,762,721
Hole Number:	ECP-P1011-A			Freeboard:	3.5
Time:	10:43			Tide:	0.76
Sounding Depth:	-10.4	Bottom of Probe:	-20.7 ft.	Penetration:	-10.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
6.4	-16.7	=====	
		CL	SILT/CLAY
8.4	-18.7	=====	BEGIN JET
		SA	SAND
10.4	-20.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,021	Northing(NAD83):	13,763,185
Hole Number:	ECP-P1012-A			Freeboard:	3.5
Time:	10:49			Tide:	0.77
Sounding Depth:	-10.4	Bottom of Probe:	-24.7 ft.	Penetration:	-14.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.4	-17.7	=====	
		CL SILT/CLAY	BEGIN JET
8.9	-19.2	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
14.4	-24.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,478	Northing(NAD83):	13,763,431
Hole Number:	ECP-P1013-A			Freeboard:	3
Time:	10:55			Tide:	0.77
Sounding Depth:	-10.3	Bottom of Probe:	-25.2 ft.	Penetration:	-14.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
7.4	-17.7	=====	
		CL SILT/CLAY	BEGIN JET
8.9	-19.2	=====	
		CL SILT/CLAY	REFUSAL
14.9	-25.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,834	Northing(NAD83):	13,763,788
Hole Number:	ECP-P1014-A			Freeboard:	3.5
Time:	11:01			Tide:	0.78
Sounding Depth:	-10.6	Bottom of Probe:	-25.7 ft.	Penetration:	-15.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.1	-16.7	=====	
		CL SILT/CLAY	BEGIN JET
8.1	-18.7	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
15.1	-25.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,257,183	Northing(NAD83):	13,764,151
Hole Number:	ECP-P1015-A			Freeboard:	3.5
Time:	11:08			Tide:	0.8
Sounding Depth:	-10.6	Bottom of Probe:	-19.7 ft.	Penetration:	-9.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.2	-15.7	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
7.2	-17.7	=====	
		SA-SH SAND & SHELL	REFUSAL
9.2	-19.7	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,255,745	Northing(NAD83):	13,763,435
Hole Number:	ECP-P1024-A			Freeboard:	3.5
Time:	11:20			Tide:	0.85
Sounding Depth:	-10.5	Bottom of Probe:	-24.7 ft.	Penetration:	-14.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.1	-16.7	=====	
		CL SILT/CLAY	BEGIN JET
9.1	-19.7	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
14.1	-24.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,115	Northing(NAD83):	13,763,783
Hole Number:	ECP-P1025-A			Freeboard:	3.5
Time:	11:26			Tide:	0.85
Sounding Depth:	-10.5	Bottom of Probe:	-24.7 ft.	Penetration:	-14.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.2	-16.7	=====	
		CL SILT/CLAY	BEGIN JET
8.2	-18.7	=====	
		CL SILT/CLAY	REFUSAL
14.2	-24.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,469	Northing(NAD83):	13,764,141
Hole Number:	ECP-P1026-A			Freeboard:	3.5
Time:	11:33			Tide:	0.87
Sounding Depth:	-10.5	Bottom of Probe:	-21.1 ft.	Penetration:	-10.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
6.1	-16.6	=====	
		CL SILT/CLAY	BEGIN JET
8.1	-18.6	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
10.6	-21.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	San Leon	Engineer:	JRB, MM, NM
		Vessel:	"Shallow Draft 11"

Date:	02.18.20	Easting(NAD83):	3,256,830	Northing(NAD83):	13,764,493
Hole Number:	ECP-P1027-A			Freeboard:	3.5
Time:	11:40			Tide:	0.89
Sounding Depth:	-10.5	Bottom of Probe:	-32.6 ft.	Penetration:	-22.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-10.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
8.1	-18.6	=====	
		CL SILT/CLAY	BEGIN JET
11.1	-21.6	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
22.1	-32.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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DOLLAR REEF MITIGATION SITE PROBING COORDINATES (SHEET 1 OF 2)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-P647-A	13,733,736.11	3,280,485.06	ECP-P678-A	13,736,046.10	3,278,713.44
ECP-P661-A	13,734,208.82	3,280,667.26	ECP-P582-A	13,732,429.57	3,278,359.94
ECP-P565-A	13,731,640.90	3,278,979.77	ECP-P600-A	13,732,893.25	3,278,555.56
ECP-P584-A	13,732,057.90	3,279,296.99	ECP-P617-A	13,733,369.77	3,278,721.47
ECP-P602-A	13,732,522.46	3,279,489.70	ECP-P632-A	13,733,832.58	3,278,911.19
ECP-P619-A	13,732,990.92	3,279,672.81	ECP-P658-A	13,734,755.95	3,279,279.94
ECP-P634-A	13,733,422.80	3,279,913.11	ECP-P669-A	13,735,222.39	3,279,470.46
ECP-P646-A	13,733,914.28	3,280,042.61	ECP-P680-A	13,735,690.67	3,279,659.65
ECP-P660-A	13,734,376.60	3,280,228.46	ECP-P645-A	13,734,470.86	3,278,634.07
ECP-P671-A	13,734,840.35	3,280,400.39	ECP-P657-A	13,734,938.11	3,278,820.44
ECP-P682-A	13,735,307.74	3,280,585.19	ECP-P668-A	13,735,398.14	3,279,006.34
ECP-P672-A	13,734,656.32	3,280,875.62	ECP-P679-A	13,735,863.16	3,279,195.71
ECP-P683-A	13,735,118.13	3,281,054.53	ECP-P526-A	13,731,556.36	3,276,518.09
ECP-P684-A	13,735,589.83	3,281,231.67	ECP-P543-A	13,732,054.63	3,276,596.24
ECP-P681-A	13,735,481.64	3,280,125.51	ECP-P560-A	13,732,518.77	3,276,778.40
ECP-P670-A	13,735,025.41	3,279,926.40	ECP-P579-A	13,732,996.38	3,276,963.37
ECP-P659-A	13,734,569.57	3,279,745.93	ECP-P597-A	13,733,453.38	3,277,154.60
ECP-P633-A	13,733,691.56	3,279,207.68	ECP-P614-A	13,733,919.32	3,277,336.93
ECP-P618-A	13,733,215.55	3,279,047.12	ECP-P629-A	13,734,380.59	3,277,511.07
ECP-P601-A	13,732,693.90	3,278,990.17	ECP-P643-A	13,734,839.29	3,277,707.01
ECP-P583-A	13,732,240.85	3,278,823.21	ECP-P655-A	13,735,310.74	3,277,886.18
ECP-P564-A	13,731,772.90	3,278,619.87	ECP-P666-A	13,735,774.86	3,278,086.08
ECP-P547-A	13,731,311.84	3,278,428.87	ECP-P677-A	13,736,191.60	3,278,397.02
ECP-P530-A	13,730,835.70	3,278,261.58	ECP-P510-A	13,731,294.90	3,275,766.43
ECP-P513-A	13,730,570.89	3,277,617.20	ECP-P525-A	13,731,785.35	3,275,942.12
ECP-P529-A	13,731,039.62	3,277,799.44	ECP-P542-A	13,732,252.70	3,276,141.84
ECP-P546-A	13,731,525.85	3,277,975.49	ECP-P559-A	13,732,720.78	3,276,312.58
ECP-P563-A	13,731,937.24	3,278,223.63	ECP-P578-A	13,733,185.08	3,276,488.15
ECP-P512-A	13,730,769.44	3,277,169.13	ECP-P596-A	13,733,653.31	3,276,687.31
ECP-P528-A	13,731,224.75	3,277,336.99	ECP-P613-A	13,734,095.22	3,276,888.06
ECP-P545-A	13,731,682.95	3,277,513.17	ECP-P628-A	13,734,565.36	3,277,064.50
ECP-P562-A	13,732,150.85	3,277,717.49	ECP-P642-A	13,735,039.00	3,277,236.60
ECP-P581-A	13,732,624.66	3,277,882.13	ECP-P654-A	13,735,499.07	3,277,433.74
ECP-P599-A	13,733,077.79	3,278,070.00	ECP-P665-A	13,735,963.36	3,277,604.53
ECP-P616-A	13,733,546.44	3,278,251.84	ECP-P676-A	13,736,469.74	3,277,696.22
ECP-P631-A	13,734,005.80	3,278,446.78	ECP-P664-A	13,736,153.33	3,277,147.88
ECP-P511-A	13,730,957.86	3,276,671.31	ECP-P675-A	13,736,621.10	3,277,329.64
ECP-P527-A	13,731,412.18	3,276,859.00	ECP-P509-A	13,731,513.89	3,275,274.27
ECP-P544-A	13,731,883.53	3,277,051.71	ECP-P524-A	13,731,975.29	3,275,485.70
ECP-P561-A	13,732,348.23	3,277,231.74	ECP-P541-A	13,732,440.63	3,275,668.32
ECP-P580-A	13,732,809.64	3,277,431.80	ECP-P558-A	13,732,901.84	3,275,847.39
ECP-P598-A	13,733,264.56	3,277,618.04	ECP-P577-A	13,733,365.88	3,276,009.58
ECP-P615-A	13,733,730.87	3,277,797.17	ECP-P595-A	13,733,835.21	3,276,221.42
ECP-P630-A	13,734,199.83	3,277,988.23	ECP-P612-A	13,734,305.37	3,276,404.16
ECP-P644-A	13,734,659.43	3,278,175.43	ECP-P627-A	13,734,770.19	3,276,585.60
ECP-P656-A	13,735,118.28	3,278,354.11	ECP-P641-A	13,735,211.85	3,276,777.11
ECP-P667-A	13,735,584.77	3,278,539.58	ECP-P653-A	13,735,677.07	3,276,954.55

DOLLAR REEF MITIGATION SITE PROBING COORDINATES (SHEET 2 OF 2)

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-P508-A	13,731,699.88	3,274,846.35	ECP-P553-A	13,734,015.49	3,273,070.01
ECP-P523-A	13,732,142.05	3,275,020.76	ECP-P571-A	13,734,478.36	3,273,262.99
ECP-P540-A	13,732,617.14	3,275,196.13	ECP-P589-A	13,734,942.27	3,273,442.51
ECP-P557-A	13,733,076.13	3,275,385.77	ECP-P606-A	13,735,415.58	3,273,624.01
ECP-P576-A	13,733,541.36	3,275,571.57	ECP-P621-A	13,735,871.89	3,273,812.26
ECP-P594-A	13,734,012.43	3,275,762.19	ECP-P635-A	13,736,339.90	3,273,998.19
ECP-P611-A	13,734,476.54	3,275,945.29	ECP-P620-A	13,736,047.29	3,273,350.82
ECP-P626-A	13,734,931.35	3,276,144.74	ECP-P605-A	13,735,588.35	3,273,156.87
ECP-P640-A	13,735,410.17	3,276,315.74	ECP-P588-A	13,735,119.82	3,272,975.07
ECP-P652-A	13,735,855.08	3,276,502.98	ECP-P570-A	13,734,652.42	3,272,804.09
ECP-P674-A	13,736,790.00	3,276,890.44	ECP-P552-A	13,734,180.02	3,272,610.94
ECP-P507-A	13,731,886.03	3,274,364.08	ECP-P534-A	13,733,732.78	3,272,419.90
ECP-P522-A	13,732,335.27	3,274,536.27	ECP-P517-A	13,733,260.13	3,272,230.47
ECP-P539-A	13,732,804.30	3,274,740.02	ECP-P502-A	13,732,790.72	3,272,052.84
ECP-P575-A	13,733,681.04	3,275,232.75	ECP-P501-A	13,732,991.84	3,271,597.99
ECP-P593-A	13,734,199.21	3,275,301.07	ECP-P516-A	13,733,460.53	3,271,773.10
ECP-P610-A	13,734,663.99	3,275,490.30	ECP-P533-A	13,733,921.06	3,271,961.01
ECP-P625-A	13,735,119.62	3,275,673.57	ECP-P551-A	13,734,386.09	3,272,130.41
ECP-P639-A	13,735,590.95	3,275,861.30	ECP-P569-A	13,734,855.08	3,272,337.77
ECP-P651-A	13,736,055.40	3,276,043.21	ECP-P587-A	13,735,326.15	3,272,490.63
ECP-P663-A	13,736,521.17	3,276,230.63	ECP-P604-A	13,735,779.28	3,272,686.18
ECP-P673-A	13,736,990.66	3,276,406.35	ECP-P603-A	13,735,947.56	3,272,278.11
ECP-P506-A	13,732,054.36	3,273,890.00	ECP-P586-A	13,735,495.13	3,272,052.79
ECP-P521-A	13,732,525.77	3,274,095.22	ECP-P568-A	13,735,018.71	3,271,857.33
ECP-P538-A	13,733,003.10	3,274,276.51	ECP-P550-A	13,734,571.74	3,271,669.31
ECP-P556-A	13,733,455.60	3,274,458.61	ECP-P532-A	13,734,099.17	3,271,488.01
ECP-P574-A	13,733,910.07	3,274,636.89	ECP-P515-A	13,733,633.35	3,271,303.18
ECP-P592-A	13,734,374.86	3,274,826.67	ECP-P500-A	13,733,176.06	3,271,110.66
ECP-P609-A	13,734,843.31	3,275,021.57	ECP-P514-A	13,733,833.88	3,270,838.30
ECP-P624-A	13,735,310.45	3,275,204.42	ECP-P531-A	13,734,304.99	3,271,030.61
ECP-P638-A	13,735,776.98	3,275,381.87	ECP-P549-A	13,734,762.26	3,271,203.52
ECP-P650-A	13,736,234.80	3,275,575.02	ECP-P567-A	13,735,218.25	3,271,386.09
ECP-P662-A	13,736,710.96	3,275,760.15	ECP-P585-A	13,735,691.52	3,271,583.69
ECP-P505-A	13,732,263.89	3,273,427.58	ECP-P548-A	13,734,945.19	3,270,730.48
ECP-P520-A	13,732,720.84	3,273,606.51	ECP-P566-A	13,735,470.29	3,270,756.66
ECP-P537-A	13,733,178.23	3,273,801.35	ECP-P686-A	13,736,535.99	3,270,801.66
ECP-P555-A	13,733,640.97	3,273,995.77	ECP-P685-A	13,736,710.64	3,270,373.02
ECP-P573-A	13,734,144.39	3,274,091.70	ECP-P687-A	13,736,992.40	3,271,018.40
ECP-P591-A	13,734,574.29	3,274,358.08	ECP-P688-A	13,737,363.33	3,272,779.76
ECP-P608-A	13,735,029.88	3,274,556.19	ECP-P689-A	13,737,830.23	3,272,977.48
ECP-P623-A	13,735,506.91	3,274,744.16	ECP-P690-A	13,737,634.48	3,273,447.14
ECP-P637-A	13,735,963.66	3,274,917.64	ECP-P691-A	13,737,465.68	3,273,867.82
ECP-P649-A	13,736,426.11	3,275,105.06			
ECP-P648-A	13,736,598.97	3,274,627.75			
ECP-P636-A	13,736,157.98	3,274,460.21			
ECP-P622-A	13,735,664.52	3,274,263.90			
ECP-P607-A	13,735,214.52	3,274,081.07			
ECP-P590-A	13,734,738.72	3,273,900.27			
ECP-P572-A	13,734,291.17	3,273,718.31			
ECP-P554-A	13,733,826.94	3,273,525.15			
ECP-P536-A	13,733,354.93	3,273,352.99			
ECP-P519-A	13,732,895.23	3,273,151.94			
ECP-P504-A	13,732,421.42	3,272,982.19			
ECP-P503-A	13,732,597.61	3,272,557.46			
ECP-P518-A	13,733,084.24	3,272,701.05			
ECP-P535-A	13,733,533.91	3,272,874.87			

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, JB, AS
		Vessel:	"Shallow Draft 11"

Date:	01.26.20	Easting(NAD83):	3,280,485	Northing(NAD83):	13,733,736
Hole Number:	ECP-P647-A			Freeboard:	7.0
Time:	15:29			Tide:	1.3
Sounding Depth:	-8.9	Bottom of Probe:	-17.2 ft.	Penetration:	-8.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.3	-10.2	=====	
		SA-SH	SAND & SHELL
7.8	-16.7	=====	BEGIN JET
		SA-SH	SAND & SHELL
8.3	-17.2	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, JB, AS
		Vessel:	"Shallow Draft 11"

Date:	01.26.20	Easting(NAD83):	3,280,667	Northing(NAD83):	13,734,209
Hole Number:	ECP-P661-A			Freeboard:	6.5
Time:	15:55			Tide:	1.31
Sounding Depth:	-9.0	Bottom of Probe:	-14.7 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.2	-12.2	=====	
		SA-SH	SAND & SHELL
5.2	-14.2	=====	BEGIN JET
		SA-SH	SAND & SHELL
5.7	-14.7	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, JB, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,980	Northing(NAD83):	13,731,641
Hole Number:	ECP-P565-A			Freeboard:	7.0
Time:	8:59			Tide:	1.52
Sounding Depth:	-8.2	Bottom of Probe:	-14.5 ft.	Penetration:	-6.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.0	=====
		SA SAND BEGIN JET
5.3	-13.5	=====
		CL SILT/CLAY REFUSAL
6.3	-14.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, JB, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,297	Northing(NAD83):	13,732,058
Hole Number:	ECP-P584-A			Freeboard:	7.0
Time:	9:16			Tide:	1.45
Sounding Depth:	-8.3	Bottom of Probe:	-15.1 ft.	Penetration:	-6.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.1	=====
		CL SILT/CLAY BEGIN JET
4.3	-12.6	=====
		CL SILT/CLAY REFUSAL
6.8	-15.1	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,490	Northing(NAD83):	13,732,522
Hole Number:	ECP-P602-A			Freeboard:	8.0
Time:	10:56			Tide:	1.13
Sounding Depth:	-8.3	Bottom of Probe:	-12.9 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.6	-9.9	=====	
		CL SILT/CLAY	BEGIN JET
3.6	-11.9	=====	
		CL SILT/CLAY	REFUSAL
4.6	-12.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,673	Northing(NAD83):	13,732,991
Hole Number:	ECP-P619-A			Freeboard:	6.0
Time:	11:06			Tide:	1.19
Sounding Depth:	-8.4	Bottom of Probe:	-13.8 ft.	Penetration:	-5.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.4	-9.8	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
3.4	-11.8	=====	
		SA-SH SAND & SHELL	REFUSAL
5.4	-13.8	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,913	Northing(NAD83):	13,733,423
Hole Number:	ECP-P634-A			Freeboard:	4.0
Time:	11:28			Tide:	1.12
Sounding Depth:	-8.7	Bottom of Probe:	-13.4 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.1	-9.9	=====	
		SA-SH SAND & SHELL	BEGIN JET
2.1	-10.9	=====	
		SA-SH SAND & SHELL	REFUSAL
4.6	-13.4	=====	

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,043	Northing(NAD83):	13,733,914
Hole Number:	ECP-P646-A			Freeboard:	3.5
Time:	11:44			Tide:	1.15
Sounding Depth:	-8.8	Bottom of Probe:	-16.9 ft.	Penetration:	-8.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
5.1	-13.9	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
6.6	-15.4	=====	
		SA-SH SAND & SHELL	REFUSAL
8.1	-16.9	=====	

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,228	Northing(NAD83):	13,734,377
Hole Number:	ECP-P660-A			Freeboard:	4.0
Time:	11:53			Tide:	0.92
Sounding Depth:	-9.1	Bottom of Probe:	-21.1 ft.	Penetration:	-12.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.0	-11.1	=====	
		CL-SH	SILT/CLAY & SHELL BEGIN JET
9.0	-18.1	=====	
		CL	SILT/CLAY REFUSAL
12.0	-21.1	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,400	Northing(NAD83):	13,734,840
Hole Number:	ECP-P671-A			Freeboard:	4.0
Time:	12:02			Tide:	1.05
Sounding Depth:	-9.1	Bottom of Probe:	-18. ft.	Penetration:	-8.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.8	-12.0	=====	
		CL	SILT/CLAY BEGIN JET
3.8	-13.0	=====	
		CL	SILT/CLAY REFUSAL
8.8	-18.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,585	Northing(NAD83):	13,735,308
Hole Number:	ECP-P682-A			Freeboard:	4.0
Time:	12:10			Tide:	0.99
Sounding Depth:	-9.1	Bottom of Probe:	-43.5 ft.	Penetration:	-34.4 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		
4.9	-14.0	WOR SURFICIAL SILT =====
		SA-CL SILT/CLAY & SAND BEGIN JET =====
11.4	-20.5	=====
		SA-CL SILT/CLAY & SAND REFUSAL =====
34.4	-43.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,876	Northing(NAD83):	13,734,656
Hole Number:	ECP-P672-A			Freeboard:	4.0
Time:	13:08			Tide:	0.87
Sounding Depth:	-9.1	Bottom of Probe:	-13.1 ft.	Penetration:	-4.1 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		
2.6	-11.6	WOR SURFICIAL SILT =====
		SA SAND BEGIN JET =====
3.1	-12.1	=====
		SA-SH SAND & SHELL REFUSAL =====
4.1	-13.1	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,281,055	Northing(NAD83):	13,735,118
Hole Number:	ECP-P683-A			Freeboard:	4.0
Time:	13:16			Tide:	0.86
Sounding Depth:	-9.2	Bottom of Probe:	-23.1 ft.	Penetration:	-14.0 ft.

	Elevation	Description / Material
Surveyed ==>	-9.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-11.1	=====
		SA SAND BEGIN JET
3.0	-12.1	=====
		SA-SH SAND & SHELL REFUSAL
14.0	-23.1	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,281,232	Northing(NAD83):	13,735,590
Hole Number:	ECP-P684-A			Freeboard:	4.0
Time:	13:30			Tide:	0.79
Sounding Depth:	-9.2	Bottom of Probe:	-30.2 ft.	Penetration:	-21.0 ft.

	Elevation	Description / Material
Surveyed ==>	-9.2	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-12.2	=====
		SA-SH SAND & SHELL BEGIN JET
9.0	-18.2	=====
		CL SILT/CLAY REFUSAL
21.0	-30.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,280,126	Northing(NAD83):	13,735,482
Hole Number:	ECP-P681-A			Freeboard:	3.5
Time:	13:46			Tide:	0.79
Sounding Depth:	-9.0	Bottom of Probe:	-21.7 ft.	Penetration:	-12.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
5.2	-14.2	=====	
		CL	SILT/CLAY
6.7	-15.7	=====	BEGIN JET
		CL	SILT/CLAY
12.7	-21.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,926	Northing(NAD83):	13,735,025
Hole Number:	ECP-P670-A			Freeboard:	3.5
Time:	13:55			Tide:	0.76
Sounding Depth:	-9.1	Bottom of Probe:	-21.2 ft.	Penetration:	-12.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
4.7	-13.7	=====	
		CL	SILT/CLAY
9.7	-18.7	=====	BEGIN JET
		CL	SILT/CLAY
12.2	-21.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,746	Northing(NAD83):	13,734,570
Hole Number:	ECP-P659-A			Freeboard:	3.5
Time:	14:07			Tide:	0.68
Sounding Depth:	-9.1	Bottom of Probe:	-19.3 ft.	Penetration:	-10.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.1	=====
Penetration Depth:		WOR SURFICIAL SILT
3.3	-12.3	=====
		SA SAND BEGIN JET
4.8	-13.8	=====
		SA-CL SILT/CLAY & SAND REFUSAL
10.3	-19.3	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,208	Northing(NAD83):	13,733,692
Hole Number:	ECP-P633-A			Freeboard:	4.5
Time:	14:19			Tide:	0.54
Sounding Depth:	-8.6	Bottom of Probe:	-12. ft.	Penetration:	-3.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-10.5	=====
		SA-SH SAND & SHELL BEGIN JET
2.4	-11.0	=====
		SH SHELL REFUSAL
3.4	-12.0	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,279,047	Northing(NAD83):	13,733,216
Hole Number:	ECP-P618-A			Freeboard:	4.5
Time:	14:28			Tide:	0.75
Sounding Depth:	-8.5	Bottom of Probe:	-14.8 ft.	Penetration:	-6.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.3	=====
		SA SAND BEGIN JET
4.2	-12.8	=====
		SA SAND REFUSAL
6.2	-14.8	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,990	Northing(NAD83):	13,732,694
Hole Number:	ECP-P601-A			Freeboard:	4.0
Time:	14:35			Tide:	0.85
Sounding Depth:	-8.5	Bottom of Probe:	-16.2 ft.	Penetration:	-7.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.2	=====
		SA SAND -
3.7	-12.2	=====
		CL SILT/CLAY BEGIN JET
5.7	-14.2	=====
		CL SILT/CLAY REFUSAL
7.7	-16.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,823	Northing(NAD83):	13,732,241
Hole Number:	ECP-P583-A			Freeboard:	4.0
Time:	14:47			Tide:	0.84
Sounding Depth:	-8.4	Bottom of Probe:	-15.2 ft.	Penetration:	-6.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.3	-9.7	=====	
		SA	SAND
3.3	-11.7	=====	
		CL	SILT/CLAY
3.8	-12.2	=====	BEGIN JET
		CL	SILT/CLAY
6.8	-15.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,620	Northing(NAD83):	13,731,773
Hole Number:	ECP-P564-A			Freeboard:	4.0
Time:	14:55			Tide:	0.84
Sounding Depth:	-8.1	Bottom of Probe:	-15.2 ft.	Penetration:	-7.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.1	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.0	-10.2	=====	
		SA	SAND
4.0	-12.2	=====	
		CL	SILT/CLAY
5.5	-13.7	=====	BEGIN JET
		CL	SILT/CLAY
7.0	-15.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,429	Northing(NAD83):	13,731,312
Hole Number:	ECP-P547-A			Freeboard:	4.0
Time:	15:02			Tide:	0.78
Sounding Depth:	-8.1	Bottom of Probe:	-13.2 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.2	=====
		SA SAND BEGIN JET
3.7	-11.7	=====
		SA SAND REFUSAL
5.2	-13.2	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,262	Northing(NAD83):	13,730,836
Hole Number:	ECP-P530-A			Freeboard:	4.5
Time:	15:11			Tide:	0.74
Sounding Depth:	-7.8	Bottom of Probe:	-35.8 ft.	Penetration:	-27.9 ft.

	Elevation	Description / Material
Surveyed ==>	-7.8	=====
Penetration Depth:		WOR SURFICIAL SILT
0.9	-8.8	=====
		CL SILT/CLAY BEGIN JET
4.9	-12.8	=====
		CL SILT/CLAY REFUSAL
27.9	-35.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,277,617	Northing(NAD83):	13,730,571
Hole Number:	ECP-P513-A			Freeboard:	4.5
Time:	15:27			Tide:	0.69
Sounding Depth:	-7.8	Bottom of Probe:	-17.8 ft.	Penetration:	-10.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.0	-8.8	=====	
		SA	SAND
1.5	-9.3	=====	BEGIN JET
		CL	SILT/CLAY
10.0	-17.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,277,799	Northing(NAD83):	13,731,040
Hole Number:	ECP-P529-A			Freeboard:	4.5
Time:	15:39			Tide:	0.71
Sounding Depth:	-8.3	Bottom of Probe:	-37.8 ft.	Penetration:	-29.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.0	-10.3	=====	
		CL	SILT/CLAY
4.0	-12.3	=====	BEGIN JET
		CL	SILT/CLAY
29.5	-37.8	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,277,975	Northing(NAD83):	13,731,526
Hole Number:	ECP-P546-A			Freeboard:	4.0
Time:	15:54			Tide:	1
Sounding Depth:	-8.2	Bottom of Probe:	-31. ft.	Penetration:	-22.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.4	-11.5	=====	
		CL SILT/CLAY	
8.4	-16.5	=====	
		SH SHELL	BEGIN JET
10.4	-18.5	=====	
		CL SILT/CLAY	REFUSAL
22.9	-31.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, NM, AS
		Vessel:	"Shallow Draft 11"

Date:	01.27.20	Easting(NAD83):	3,278,224	Northing(NAD83):	13,731,937
Hole Number:	ECP-P563-A			Freeboard:	4.5
Time:	16:07			Tide:	0.62
Sounding Depth:	-8.2	Bottom of Probe:	-28.4 ft.	Penetration:	-20.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.7	-10.9	=====	
		CL SILT/CLAY	BEGIN JET
6.2	-14.4	=====	
		CL SILT/CLAY	REFUSAL
20.2	-28.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,277,169	Northing(NAD83):	13,730,769
Hole Number:	ECP-P512-A			Freeboard:	5.5
Time:	8:50			Tide:	2.14
Sounding Depth:	-7.9	Bottom of Probe:	-12.4 ft.	Penetration:	-4.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
0.4	-8.4	=====	
		SH SHELL	BEGIN JET
1.4	-9.4	=====	
		SA-SH SAND & SHELL	REFUSAL
4.4	-12.4	=====	

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,277,337	Northing(NAD83):	13,731,225
Hole Number:	ECP-P528-A			Freeboard:	5.0
Time:	9:01			Tide:	2.17
Sounding Depth:	-8.3	Bottom of Probe:	-19.8 ft.	Penetration:	-11.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.6	-11.8	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
5.6	-13.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
11.6	-19.8	=====	

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,277,513	Northing(NAD83):	13,731,683
Hole Number:	ECP-P545-A			Freeboard:	5.0
Time:	9:11			Tide:	2.15
Sounding Depth:	-8.2	Bottom of Probe:	-12.4 ft.	Penetration:	-4.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
0.7	-8.9	=====	
		CL-SH SILT/CLAY & SHELL	BEGIN JET
2.7	-10.9	=====	
		SH SHELL	REFUSAL
4.2	-12.4	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,277,717	Northing(NAD83):	13,732,151
Hole Number:	ECP-P562-A			Freeboard:	4.5
Time:	9:24			Tide:	2.1
Sounding Depth:	-8.3	Bottom of Probe:	-26.4 ft.	Penetration:	-18.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.1	-10.4	=====	
		CL SILT/CLAY	BEGIN JET
7.1	-15.4	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
18.1	-26.4	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,277,882	Northing(NAD83):	13,732,625
Hole Number:	ECP-P581-A			Freeboard:	4.5
Time:	9:43			Tide:	2.03
Sounding Depth:	-8.3	Bottom of Probe:	-13.5 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.2	-10.5	=====	
		CL	SILT/CLAY
2.7	-11.0	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
5.2	-13.5	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	Dollar Point	Engineer:	JRB, CH, AS	
		Vessel:	"Shallow Draft 11"	

Date:	01.28.20	Easting(NAD83):	3,278,070	Northing(NAD83):	13,733,078
Hole Number:	ECP-P599-A			Freeboard:	4.5
Time:	9:56			Tide:	2.01
Sounding Depth:	-8.4	Bottom of Probe:	-13. ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.6	-10.0	=====	
		SA	SAND
3.1	-11.5	=====	BEGIN JET
		SH	SHELL
4.6	-13.0	=====	REFUSAL

Character of Finish:	REFUSAL IN	SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,278,252	Northing(NAD83):	13,733,546
Hole Number:	ECP-P616-A			Freeboard:	5.0
Time:	10:07			Tide:	1.98
Sounding Depth:	-8.7	Bottom of Probe:	-14. ft.	Penetration:	-5.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.5	=====
		SA SAND BEGIN JET
4.3	-13.0	=====
		SH SHELL REFUSAL
5.3	-14.0	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	JRB, CH, AS
		Vessel:	"Shallow Draft 11"

Date:	01.28.20	Easting(NAD83):	3,278,447	Northing(NAD83):	13,734,006
Hole Number:	ECP-P631-A			Freeboard:	4.5
Time:	10:17			Tide:	1.98
Sounding Depth:	-9.0	Bottom of Probe:	-13. ft.	Penetration:	-4.0 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-10.0	=====
		SH SHELL BEGIN JET
2.5	-11.5	=====
		SH SHELL REFUSAL
4.0	-13.0	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,671	Northing(NAD83):	13,730,958
Hole Number:	ECP-P511-A			Freeboard:	5.0
Time:	8:16			Tide:	1.01
Sounding Depth:	-7.9	Bottom of Probe:	-16. ft.	Penetration:	-8.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
0.1	-8.0	=====	
		SA	SAND
2.1	-10.0	=====	
		CL	SILT/CLAY
3.6	-11.5	=====	BEGIN JET
		SA	SAND
8.1	-16.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,859	Northing(NAD83):	13,731,412
Hole Number:	ECP-P527-A			Freeboard:	4.5
Time:	8:28			Tide:	1.09
Sounding Depth:	-8.3	Bottom of Probe:	-13.4 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.7	-10.9	=====	
		SA-CL	SILT/CLAY & SAND
3.7	-11.9	=====	BEGIN JET
		SA	SAND
5.2	-13.4	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,052	Northing(NAD83):	13,731,884
Hole Number:	ECP-P544-A			Freeboard:	5.0
Time:	8:37			Tide:	1.07
Sounding Depth:	-8.2	Bottom of Probe:	-12.9 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.3	-9.4	=====
		SA SAND BEGIN JET
1.8	-9.9	=====
		SA SAND REFUSAL
4.8	-12.9	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,232	Northing(NAD83):	13,732,348
Hole Number:	ECP-P561-A			Freeboard:	4.5
Time:	8:44			Tide:	1.03
Sounding Depth:	-8.5	Bottom of Probe:	-12.5 ft.	Penetration:	-4.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-9.5	=====
		CL SILT/CLAY BEGIN JET
2.0	-10.5	=====
		SA SAND REFUSAL
4.0	-12.5	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,432	Northing(NAD83):	13,732,810
Hole Number:	ECP-P580-A			Freeboard:	4.0
Time:	8:53			Tide:	1.27
Sounding Depth:	-8.4	Bottom of Probe:	-12.7 ft.	Penetration:	-4.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-10.2	=====
		SA SAND BEGIN JET
2.9	-11.2	=====
		SA SAND REFUSAL
4.4	-12.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,618	Northing(NAD83):	13,733,265
Hole Number:	ECP-P598-A			Freeboard:	4.0
Time:	9:01			Tide:	1.3
Sounding Depth:	-8.6	Bottom of Probe:	-13.7 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
1.1	-9.7	=====
		CL SILT/CLAY BEGIN JET
4.1	-12.7	=====
		SA-SH SAND & SHELL REFUSAL
5.1	-13.7	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,797	Northing(NAD83):	13,733,731
Hole Number:	ECP-P615-A			Freeboard:	4.0
Time:	9:08			Tide:	1.1
Sounding Depth:	-8.7	Bottom of Probe:	-13.4 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
2.8	-11.4	=====
		SA SAND BEGIN JET
4.3	-12.9	=====
		SA-SH SAND & SHELL REFUSAL
4.8	-13.4	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,988	Northing(NAD83):	13,734,200
Hole Number:	ECP-P630-A			Freeboard:	4.0
Time:	9:16			Tide:	1.04
Sounding Depth:	-8.7	Bottom of Probe:	-13. ft.	Penetration:	-4.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
1.3	-10.0	=====
		SA SAND BEGIN JET
3.3	-12.0	=====
		SA SAND REFUSAL
4.3	-13.0	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,175	Northing(NAD83):	13,734,659
Hole Number:	ECP-P644-A			Freeboard:	4.0
Time:	9:24			Tide:	1.27
Sounding Depth:	-8.9	Bottom of Probe:	-15.7 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.9	=====
Penetration Depth:		WOR SURFICIAL SILT
2.4	-11.2	=====
		SA-SH SAND & SHELL BEGIN JET
4.4	-13.2	=====
		SA SAND REFUSAL
6.9	-15.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,354	Northing(NAD83):	13,735,118
Hole Number:	ECP-P656-A			Freeboard:	4.0
Time:	9:30			Tide:	1.23
Sounding Depth:	-8.8	Bottom of Probe:	-16.8 ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-11.3	=====
		SA-SH SAND & SHELL BEGIN JET
5.0	-13.8	=====
		SA-SH SAND & SHELL REFUSAL
8.0	-16.8	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,540	Northing(NAD83):	13,735,585
Hole Number:	ECP-P667-A			Freeboard:	4.0
Time:	9:39			Tide:	1.29
Sounding Depth:	-8.7	Bottom of Probe:	-16.7 ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		
3.0	-11.7	WOR SURFICIAL SILT
		=====
4.5	-13.2	SA SAND BEGIN JET
		=====
5.5	-14.2	SH SHELL JET
		=====
8.0	-16.7	CL SILT/CLAY REFUSAL
		=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,713	Northing(NAD83):	13,736,046
Hole Number:	ECP-P678-A			Freeboard:	4.0
Time:	9:46			Tide:	1.27
Sounding Depth:	-8.8	Bottom of Probe:	-17.2 ft.	Penetration:	-8.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		
2.9	-11.7	WOR SURFICIAL SILT
		=====
4.9	-13.7	CL-SH SILT/CLAY & SHELL BEGIN JET
		=====
8.4	-17.2	CL SILT/CLAY REFUSAL
		=====

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,360	Northing(NAD83):	13,732,430
Hole Number:	ECP-P582-A			Freeboard:	4.0
Time:	10:09			Tide:	1.38
Sounding Depth:	-8.3	Bottom of Probe:	-16.1 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.3	-9.6	=====
		SA SAND BEGIN JET
4.3	-12.6	=====
		SA SAND REFUSAL
7.8	-16.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,556	Northing(NAD83):	13,732,893
Hole Number:	ECP-P600-A			Freeboard:	4.0
Time:	10:16			Tide:	1.18
Sounding Depth:	-8.5	Bottom of Probe:	-14.8 ft.	Penetration:	-6.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.3	=====
		SA SAND BEGIN JET
3.8	-12.3	=====
		SA-SH SAND & SHELL REFUSAL
6.3	-14.8	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,721	Northing(NAD83):	13,733,370
Hole Number:	ECP-P617-A			Freeboard:	4.5
Time:	10:23			Tide:	1.31
Sounding Depth:	-8.7	Bottom of Probe:	-13.2 ft.	Penetration:	-4.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-9.7	=====
		SA SAND BEGIN JET
2.5	-11.2	=====
		SA-CL SILT/CLAY & SAND REFUSAL
4.5	-13.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,911	Northing(NAD83):	13,733,833
Hole Number:	ECP-P632-A			Freeboard:	4.5
Time:	10:30			Tide:	1.38
Sounding Depth:	-8.8	Bottom of Probe:	-12.1 ft.	Penetration:	-3.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
0.8	-9.6	=====
		SA SAND BEGIN JET
2.3	-11.1	=====
		SA SAND REFUSAL
3.3	-12.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,279,280	Northing(NAD83):	13,734,756
Hole Number:	ECP-P658-A			Freeboard:	4.0
Time:	10:40			Tide:	1.17
Sounding Depth:	-9.0	Bottom of Probe:	-16.8 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
2.8	-11.8	=====
		SA SAND BEGIN JET
3.3	-12.3	=====
		SA SAND REFUSAL
7.8	-16.8	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,279,470	Northing(NAD83):	13,735,222
Hole Number:	ECP-P669-A			Freeboard:	4.0
Time:	10:49			Tide:	1.21
Sounding Depth:	-9.0	Bottom of Probe:	-20.3 ft.	Penetration:	-11.3 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
2.8	-11.8	=====
		CL SILT/CLAY BEGIN JET
3.8	-12.8	=====
		SA SAND REFUSAL
11.3	-20.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,279,660	Northing(NAD83):	13,735,691
Hole Number:	ECP-P680-A			Freeboard:	4.0
Time:	10:56			Tide:	1.18
Sounding Depth:	-9.0	Bottom of Probe:	-18.8 ft.	Penetration:	-9.8 ft.

	Elevation	Description / Material
Surveyed ==>	-9.0	=====
Penetration Depth:		WOR SURFICIAL SILT
4.8	-13.8	=====
		SA SAND BEGIN JET
8.8	-17.8	=====
		SA-SH SAND & SHELL REFUSAL
9.8	-18.8	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,634	Northing(NAD83):	13,734,471
Hole Number:	ECP-P645-A			Freeboard:	4.5
Time:	11:10			Tide:	1.3
Sounding Depth:	-8.8	Bottom of Probe:	-15.7 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
1.4	-10.2	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
3.4	-12.2	=====
		SA SAND REFUSAL
6.9	-15.7	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,820	Northing(NAD83):	13,734,938
Hole Number:	ECP-P657-A			Freeboard:	4.0
Time:	11:29			Tide:	1.28
Sounding Depth:	-8.9	Bottom of Probe:	-16.7 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.8	-10.7	=====	
		SA-SH	SAND & SHELL
4.8	-13.7	=====	BEGIN JET
		CL	SILT/CLAY
7.8	-16.7	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,279,006	Northing(NAD83):	13,735,398
Hole Number:	ECP-P668-A			Freeboard:	4.5
Time:	11:36			Tide:	1.32
Sounding Depth:	-8.9	Bottom of Probe:	-16.2 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.3	-10.2	=====	
		SA-SH	SAND & SHELL
3.8	-12.7	=====	BEGIN JET
		SH	SHELL
4.8	-13.7	=====	JET
		CL	SILT/CLAY
7.3	-16.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,279,196	Northing(NAD83):	13,735,863
Hole Number:	ECP-P679-A			Freeboard:	5.0
Time:	11:45			Tide:	1.3
Sounding Depth:	-9.0	Bottom of Probe:	-17.7 ft.	Penetration:	-8.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-9.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.2	-11.2	=====	
		CL-SH	SILT/CLAY & SHELL
5.7	-14.7	=====	
		CL	SILT/CLAY
7.2	-16.2	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
8.7	-17.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,518	Northing(NAD83):	13,731,556
Hole Number:	ECP-P526-A			Freeboard:	5.0
Time:	12:12			Tide:	1.17
Sounding Depth:	-8.0	Bottom of Probe:	-13.8 ft.	Penetration:	-5.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.3	-10.3	=====	
		CL	SILT/CLAY
3.3	-11.3	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
5.8	-13.8	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,596	Northing(NAD83):	13,732,055
Hole Number:	ECP-P543-A			Freeboard:	4.0
Time:	12:20			Tide:	1.3
Sounding Depth:	-8.4	Bottom of Probe:	-13.2 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
0.8	-9.2	=====
		SA SAND BEGIN JET
3.3	-11.7	=====
		CL SILT/CLAY REFUSAL
4.8	-13.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,778	Northing(NAD83):	13,732,519
Hole Number:	ECP-P560-A			Freeboard:	5.5
Time:	13:01			Tide:	1.2
Sounding Depth:	-8.6	Bottom of Probe:	-13.3 ft.	Penetration:	-4.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
0.7	-9.3	=====
		SA SAND BEGIN JET
2.7	-11.3	=====
		SA SAND REFUSAL
4.7	-13.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,963	Northing(NAD83):	13,732,996
Hole Number:	ECP-P579-A			Freeboard:	4.5
Time:	13:08			Tide:	1.22
Sounding Depth:	-8.4	Bottom of Probe:	-15.3 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.4	-9.8	=====	
		CL SILT/CLAY	BEGIN JET
3.9	-12.3	=====	
		CL SILT/CLAY	REFUSAL
6.9	-15.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,155	Northing(NAD83):	13,733,453
Hole Number:	ECP-P597-A			Freeboard:	4.0
Time:	13:16			Tide:	1.23
Sounding Depth:	-8.6	Bottom of Probe:	-15.8 ft.	Penetration:	-7.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.7	-11.3	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
4.2	-12.8	=====	
		SA SAND	JET
5.7	-14.3	=====	
		CL SILT/CLAY	REFUSAL
7.2	-15.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,337	Northing(NAD83):	13,733,919
Hole Number:	ECP-P614-A			Freeboard:	4.5
Time:	13:24			Tide:	1.26
Sounding Depth:	-8.5	Bottom of Probe:	-13.2 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
2.3	-10.7	=====
		SA SAND BEGIN JET
3.8	-12.2	=====
		SA SAND REFUSAL
4.8	-13.2	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,511	Northing(NAD83):	13,734,381
Hole Number:	ECP-P629-A			Freeboard:	4.0
Time:	13:32			Tide:	1.25
Sounding Depth:	-8.7	Bottom of Probe:	-14.3 ft.	Penetration:	-5.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-11.3	=====
		SA SAND BEGIN JET
4.5	-13.3	=====
		SA SAND REFUSAL
5.5	-14.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,707	Northing(NAD83):	13,734,839
Hole Number:	ECP-P643-A			Freeboard:	4.0
Time:	13:44			Tide:	1.2
Sounding Depth:	-8.7	Bottom of Probe:	-12.8 ft.	Penetration:	-4.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.1	-10.8	=====	
		SA-SH	SAND & SHELL
3.6	-12.3	=====	BEGIN JET
		SA-SH	SAND & SHELL
4.1	-12.8	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,886	Northing(NAD83):	13,735,311
Hole Number:	ECP-P655-A			Freeboard:	4.0
Time:	13:52			Tide:	1.28
Sounding Depth:	-8.8	Bottom of Probe:	-16.7 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.4	-11.2	=====	
		CL	SILT/CLAY
4.9	-13.7	=====	BEGIN JET
		CL	SILT/CLAY
7.9	-16.7	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,278,086	Northing(NAD83):	13,735,775
Hole Number:	ECP-P666-A			Freeboard:	4.5
Time:	14:00			Tide:	1.19
Sounding Depth:	-8.8	Bottom of Probe:	-17.3 ft.	Penetration:	-8.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.0	-11.8	=====	
		CL-SH	SILT/CLAY & SHELL
4.5	-13.3	=====	
		SA-CL	SILT/CLAY & SAND
6.0	-14.8	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
8.5	-17.3	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	Dollar Point	Engineer:	NM, AS, CH	
		Vessel:	"Shallow Draft 11"	

Date:	01.30.20	Easting(NAD83):	3,278,397	Northing(NAD83):	13,736,192
Hole Number:	ECP-P677-A			Freeboard:	5.0
Time:	14:08			Tide:	1.16
Sounding Depth:	-8.9	Bottom of Probe:	-16.8 ft.	Penetration:	-8.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.9	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.5	-12.3	=====	
		SA	SAND
5.0	-13.8	=====	BEGIN JET
		SH	SHELL
6.0	-14.8	=====	JET
		CL	SILT/CLAY
8.0	-16.8	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,275,766	Northing(NAD83):	13,731,295
Hole Number:	ECP-P510-A			Freeboard:	5.0
Time:	14:30			Tide:	1.07
Sounding Depth:	-7.9	Bottom of Probe:	-12.9 ft.	Penetration:	-5.0 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-8.9	=====
		SA SAND BEGIN JET
3.0	-10.9	=====
		SA-CL SILT/CLAY & SAND REFUSAL
5.0	-12.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,275,942	Northing(NAD83):	13,731,785
Hole Number:	ECP-P525-A			Freeboard:	4.5
Time:	14:37			Tide:	1.08
Sounding Depth:	-8.3	Bottom of Probe:	-14.9 ft.	Penetration:	-6.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-9.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.6	-12.9	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.6	-14.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,142	Northing(NAD83):	13,732,253
Hole Number:	ECP-P542-A			Freeboard:	4.5
Time:	14:44			Tide:	1.19
Sounding Depth:	-8.4	Bottom of Probe:	-15.3 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
0.9	-9.3	=====	
		CL SILT/CLAY	BEGIN JET
3.9	-12.3	=====	
		SA SAND	REFUSAL
6.9	-15.3	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,313	Northing(NAD83):	13,732,721
Hole Number:	ECP-P559-A			Freeboard:	4.5
Time:	14:52			Tide:	1.3
Sounding Depth:	-8.5	Bottom of Probe:	-13.2 ft.	Penetration:	-4.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.2	-9.7	=====	
		SA SAND	BEGIN JET
3.7	-12.2	=====	
		SA SAND	REFUSAL
4.7	-13.2	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,488	Northing(NAD83):	13,733,185
Hole Number:	ECP-P578-A			Freeboard:	4.5
Time:	14:59			Tide:	1.22
Sounding Depth:	-8.3	Bottom of Probe:	-14.8 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.3	=====
		SA SAND BEGIN JET
3.0	-11.3	=====
		CL SILT/CLAY REFUSAL
6.5	-14.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,687	Northing(NAD83):	13,733,653
Hole Number:	ECP-P596-A			Freeboard:	4.0
Time:	15:05			Tide:	1.03
Sounding Depth:	-8.5	Bottom of Probe:	-14. ft.	Penetration:	-5.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.5	=====
		SA SAND BEGIN JET
4.5	-13.0	=====
		SA SAND REFUSAL
5.5	-14.0	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,276,888	Northing(NAD83):	13,734,095
Hole Number:	ECP-P613-A			Freeboard:	4.5
Time:	15:12			Tide:	1.2
Sounding Depth:	-8.5	Bottom of Probe:	-16.3 ft.	Penetration:	-7.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.3	=====
		SA SAND BEGIN JET
4.8	-13.3	=====
		SA SAND REFUSAL
7.8	-16.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,065	Northing(NAD83):	13,734,565
Hole Number:	ECP-P628-A			Freeboard:	4.5
Time:	15:20			Tide:	1.16
Sounding Depth:	-8.5	Bottom of Probe:	-14.8 ft.	Penetration:	-6.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-11.8	=====
		SA SAND BEGIN JET
4.9	-13.3	=====
		SA SAND REFUSAL
6.4	-14.8	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,237	Northing(NAD83):	13,735,039
Hole Number:	ECP-P642-A			Freeboard:	4.0
Time:	15:26			Tide:	1.13
Sounding Depth:	-8.6	Bottom of Probe:	-15.4 ft.	Penetration:	-6.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
2.3	-10.9	=====
		SA SAND BEGIN JET
5.3	-13.9	=====
		SA-SH SAND & SHELL REFUSAL
6.8	-15.4	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,434	Northing(NAD83):	13,735,499
Hole Number:	ECP-P654-A			Freeboard:	4.0
Time:	15:33			Tide:	1.18
Sounding Depth:	-8.8	Bottom of Probe:	-16.8 ft.	Penetration:	-8.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
2.6	-11.3	=====
		SA SAND BEGIN JET
5.1	-13.8	=====
		SA SAND REFUSAL
8.1	-16.8	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,605	Northing(NAD83):	13,735,963
Hole Number:	ECP-P665-A			Freeboard:	4.5
Time:	15:40			Tide:	1.26
Sounding Depth:	-8.7	Bottom of Probe:	-14.7 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.0	-10.7	=====	
		SH	SHELL
4.0	-12.7	=====	
		CL-SH	SILT/CLAY & SHELL
5.0	-13.7	=====	BEGIN JET
		CL-SH	SILT/CLAY & SHELL
6.0	-14.7	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	Dollar Point	Engineer:	NM, AS, CH	
		Vessel:	"Shallow Draft 11"	

Date:	01.30.20	Easting(NAD83):	3,277,696	Northing(NAD83):	13,736,470
Hole Number:	ECP-P676-A			Freeboard:	4.0
Time:	15:47			Tide:	1.25
Sounding Depth:	-8.7	Bottom of Probe:	-17.8 ft.	Penetration:	-9.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.5	-11.3	=====	
		SA-SH	SAND & SHELL
4.0	-12.8	=====	BEGIN JET
		SA-SH	SAND & SHELL
6.0	-14.8	=====	JET
		CL	SILT/CLAY
9.0	-17.8	=====	REFUSAL

Character of Finish:	REFUSAL IN	SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,148	Northing(NAD83):	13,736,153
Hole Number:	ECP-P664-A			Freeboard:	4.0
Time:	15:56			Tide:	1.22
Sounding Depth:	-8.7	Bottom of Probe:	-16.8 ft.	Penetration:	-8.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
3.6	-12.3	=====	
		SA-CL	SILT/CLAY & SAND BEGIN JET
5.1	-13.8	=====	
		SA-CL	SILT/CLAY & SAND REFUSAL
8.1	-16.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, CH
		Vessel:	"Shallow Draft 11"

Date:	01.30.20	Easting(NAD83):	3,277,330	Northing(NAD83):	13,736,621
Hole Number:	ECP-P675-A			Freeboard:	4.0
Time:	16:03			Tide:	1.31
Sounding Depth:	-8.8	Bottom of Probe:	-14.2 ft.	Penetration:	-5.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.4	-11.2	=====	
		SA-SH	SAND & SHELL BEGIN JET
3.9	-12.7	=====	
		CL-SH	SILT/CLAY & SHELL REFUSAL
5.4	-14.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,274	Northing(NAD83):	13,731,514
Hole Number:	ECP-P509-A			Freeboard:	4.0
Time:	8:45			Tide:	1.34
Sounding Depth:	-7.9	Bottom of Probe:	-11.2 ft.	Penetration:	-3.3 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
0.3	-8.2	=====
		SA SAND BEGIN JET
1.3	-9.2	=====
		SA SAND REFUSAL
3.3	-11.2	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,486	Northing(NAD83):	13,731,975
Hole Number:	ECP-P524-A			Freeboard:	4.5
Time:	8:55			Tide:	1.29
Sounding Depth:	-8.2	Bottom of Probe:	-13.7 ft.	Penetration:	-5.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-9.7	=====
		SA SAND BEGIN JET
2.6	-10.7	=====
		CL SILT/CLAY REFUSAL
5.6	-13.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,668	Northing(NAD83):	13,732,441
Hole Number:	ECP-P541-A			Freeboard:	4.0
Time:	9:02			Tide:	1.28
Sounding Depth:	-8.2	Bottom of Probe:	-14.7 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.2	=====
		SA SAND BEGIN JET
3.5	-11.7	=====
		CL SILT/CLAY REFUSAL
6.5	-14.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,847	Northing(NAD83):	13,732,902
Hole Number:	ECP-P558-A			Freeboard:	3.5
Time:	9:09			Tide:	1.29
Sounding Depth:	-8.4	Bottom of Probe:	-14.7 ft.	Penetration:	-6.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.3	-10.7	=====
		SA SAND BEGIN JET
4.3	-12.7	=====
		CL SILT/CLAY REFUSAL
6.3	-14.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,010	Northing(NAD83):	13,733,366
Hole Number:	ECP-P577-A			Freeboard:	4.0
Time:	9:18			Tide:	1.35
Sounding Depth:	-8.3	Bottom of Probe:	-14.2 ft.	Penetration:	-5.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.8	-10.2	=====	
		CL	SILT/CLAY
3.3	-11.7	=====	BEGIN JET
		CL	SILT/CLAY
5.8	-14.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,221	Northing(NAD83):	13,733,835
Hole Number:	ECP-P595-A			Freeboard:	4.5
Time:	9:25			Tide:	1.38
Sounding Depth:	-8.4	Bottom of Probe:	-13.1 ft.	Penetration:	-4.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.2	-10.6	=====	
		SA	SAND
3.7	-12.1	=====	BEGIN JET
		SA-SH	SAND & SHELL
4.7	-13.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,404	Northing(NAD83):	13,734,305
Hole Number:	ECP-P612-A			Freeboard:	4.5
Time:	9:32			Tide:	1.28
Sounding Depth:	-8.4	Bottom of Probe:	-13.2 ft.	Penetration:	-4.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-11.7	=====
		SA SAND BEGIN JET
3.9	-12.2	=====
		SA-CL SILT/CLAY & SAND REFUSAL
4.9	-13.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,586	Northing(NAD83):	13,734,770
Hole Number:	ECP-P627-A			Freeboard:	4.0
Time:	9:39			Tide:	1.36
Sounding Depth:	-8.6	Bottom of Probe:	-13.6 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
3.6	-12.1	=====
		SA SAND BEGIN JET
4.1	-12.6	=====
		SA-SH SAND & SHELL REFUSAL
5.1	-13.6	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,777	Northing(NAD83):	13,735,212
Hole Number:	ECP-P641-A			Freeboard:	3.5
Time:	9:46			Tide:	1.35
Sounding Depth:	-8.7	Bottom of Probe:	-14.7 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.7	=====
Penetration Depth:		WOR SURFICIAL SILT
3.5	-12.2	=====
		SA SAND BEGIN JET
5.0	-13.7	=====
		SA-SH SAND & SHELL REFUSAL
6.0	-14.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,955	Northing(NAD83):	13,735,677
Hole Number:	ECP-P653-A			Freeboard:	4.0
Time:	9:51			Tide:	1.35
Sounding Depth:	-8.6	Bottom of Probe:	-14.7 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
4.0	-12.7	=====
		SA SAND BEGIN JET
5.0	-13.7	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.0	-14.7	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,846	Northing(NAD83):	13,731,700
Hole Number:	ECP-P508-A			Freeboard:	4.0
Time:	10:09			Tide:	1.43
Sounding Depth:	-7.8	Bottom of Probe:	-11.1 ft.	Penetration:	-3.2 ft.

	Elevation	Description / Material
Surveyed ==>	-7.8	=====
Penetration Depth:		WOR SURFICIAL SILT
0.7	-8.6	=====
		SA SAND BEGIN JET
1.2	-9.1	=====
		SA SAND REFUSAL
3.2	-11.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,021	Northing(NAD83):	13,732,142
Hole Number:	ECP-P523-A			Freeboard:	4.5
Time:	10:15			Tide:	1.25
Sounding Depth:	-8.3	Bottom of Probe:	-11.3 ft.	Penetration:	-2.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
0.9	-9.3	=====
		SA SAND BEGIN JET
1.9	-10.3	=====
		SA-SH SAND & SHELL REFUSAL
2.9	-11.3	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,196	Northing(NAD83):	13,732,617
Hole Number:	ECP-P540-A			Freeboard:	4.5
Time:	10:21			Tide:	1.34
Sounding Depth:	-8.5	Bottom of Probe:	-11.7 ft.	Penetration:	-3.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.2	=====
		SA-SH SAND & SHELL BEGIN JET
2.2	-10.7	=====
		SA-SH SAND & SHELL REFUSAL
3.2	-11.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,386	Northing(NAD83):	13,733,076
Hole Number:	ECP-P557-A			Freeboard:	4.0
Time:	10:32			Tide:	1.38
Sounding Depth:	-8.4	Bottom of Probe:	-12.6 ft.	Penetration:	-4.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.6	=====
		SA-SH SAND & SHELL BEGIN JET
3.2	-11.6	=====
		SA-SH SAND & SHELL REFUSAL
4.2	-12.6	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,572	Northing(NAD83):	13,733,541
Hole Number:	ECP-P576-A			Freeboard:	4.0
Time:	10:42			Tide:	1.26
Sounding Depth:	-8.4	Bottom of Probe:	-14.7 ft.	Penetration:	-6.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.3	-10.7	=====	
		CL-SH	SILT/CLAY & SHELL BEGIN JET
4.8	-13.2	=====	
		CL-SH	SILT/CLAY & SHELL REFUSAL
6.3	-14.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,762	Northing(NAD83):	13,734,012
Hole Number:	ECP-P594-A			Freeboard:	4.0
Time:	10:52			Tide:	1.39
Sounding Depth:	-8.4	Bottom of Probe:	-15.6 ft.	Penetration:	-7.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.7	-10.1	=====	
		SA-CL	SILT/CLAY & SAND BEGIN JET
4.2	-12.6	=====	
		CL	SILT/CLAY REFUSAL
7.2	-15.6	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,945	Northing(NAD83):	13,734,477
Hole Number:	ECP-P611-A			Freeboard:	4.0
Time:	11:03			Tide:	1.17
Sounding Depth:	-8.3	Bottom of Probe:	-13.8 ft.	Penetration:	-5.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
4.1	-12.3	=====
		SA SAND BEGIN JET
4.6	-12.8	=====
		SA-SH SAND & SHELL REFUSAL
5.6	-13.8	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,145	Northing(NAD83):	13,734,931
Hole Number:	ECP-P626-A			Freeboard:	4.0
Time:	11:11			Tide:	1.28
Sounding Depth:	-8.5	Bottom of Probe:	-13.7 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.7	-12.2	=====
		SA SAND BEGIN JET
4.2	-12.7	=====
		SA-SH SAND & SHELL REFUSAL
5.2	-13.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,316	Northing(NAD83):	13,735,410
Hole Number:	ECP-P640-A			Freeboard:	4.0
Time:	11:18			Tide:	1.33
Sounding Depth:	-8.6	Bottom of Probe:	-11.2 ft.	Penetration:	-2.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.6	-11.2	=====	
		XXX HIT HARD OBJECT	BEGIN JET
2.6	-11.2	=====	
		XXX HIT HARD OBJECT	REFUSAL
2.6	-11.2	=====	

Character of Finish:	REFUSAL IN HIT HARD OBJECT	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,503	Northing(NAD83):	13,735,855
Hole Number:	ECP-P652-A			Freeboard:	3.5
Time:	11:27			Tide:	1.26
Sounding Depth:	-8.5	Bottom of Probe:	-16.7 ft.	Penetration:	-8.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.8	-12.2	=====	
		CL SILT/CLAY	BEGIN JET
6.3	-14.7	=====	
		SA SAND	REFUSAL
8.3	-16.7	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,890	Northing(NAD83):	13,736,790
Hole Number:	ECP-P674-A			Freeboard:	3.5
Time:	11:37			Tide:	1.64
Sounding Depth:	-8.8	Bottom of Probe:	-13.4 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.8	=====
Penetration Depth:		WOR SURFICIAL SILT
3.1	-11.9	=====
		SA SAND BEGIN JET
4.1	-12.9	=====
		SH SHELL REFUSAL
4.6	-13.4	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,364	Northing(NAD83):	13,731,886
Hole Number:	ECP-P507-A			Freeboard:	4.5
Time:	12:37			Tide:	1.28
Sounding Depth:	-7.8	Bottom of Probe:	-10.7 ft.	Penetration:	-2.9 ft.

	Elevation	Description / Material
Surveyed ==>	-7.8	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-9.7	=====
		SA SAND BEGIN JET
2.4	-10.2	=====
		SA SAND REFUSAL
2.9	-10.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,536	Northing(NAD83):	13,732,335
Hole Number:	ECP-P522-A			Freeboard:	4.0
Time:	12:46			Tide:	1.29
Sounding Depth:	-8.1	Bottom of Probe:	-13.2 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-9.7	=====
		SA SAND BEGIN JET
2.6	-10.7	=====
		SA-CL SILT/CLAY & SAND REFUSAL
5.1	-13.2	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,740	Northing(NAD83):	13,732,804
Hole Number:	ECP-P539-A			Freeboard:	4.0
Time:	12:53			Tide:	1.33
Sounding Depth:	-8.4	Bottom of Probe:	-11.7 ft.	Penetration:	-3.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.2	=====
		SA-SH SAND & SHELL BEGIN JET
2.8	-11.2	=====
		SA SAND REFUSAL
3.3	-11.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,233	Northing(NAD83):	13,733,681
Hole Number:	ECP-P575-A			Freeboard:	4.0
Time:	13:01			Tide:	1.27
Sounding Depth:	-8.4	Bottom of Probe:	-13.2 ft.	Penetration:	-4.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-11.2	=====
		SA SAND BEGIN JET
4.4	-12.7	=====
		SA-SH SAND & SHELL REFUSAL
4.9	-13.2	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,301	Northing(NAD83):	13,734,199
Hole Number:	ECP-P593-A			Freeboard:	4.0
Time:	13:07			Tide:	1.21
Sounding Depth:	-8.5	Bottom of Probe:	-13.3 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
2.3	-10.8	=====
		SA SAND BEGIN JET
4.3	-12.8	=====
		SA SAND REFUSAL
4.8	-13.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,490	Northing(NAD83):	13,734,664
Hole Number:	ECP-P610-A			Freeboard:	4.5
Time:	13:19			Tide:	1.19
Sounding Depth:	-8.5	Bottom of Probe:	-14.3 ft.	Penetration:	-5.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.3	-11.8	=====	
		CL SILT/CLAY	BEGIN JET
4.3	-12.8	=====	
		SA-CL SILT/CLAY & SAND	REFUSAL
5.8	-14.3	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,674	Northing(NAD83):	13,735,120
Hole Number:	ECP-P625-A			Freeboard:	4.0
Time:	13:29			Tide:	1.32
Sounding Depth:	-8.5	Bottom of Probe:	-14.7 ft.	Penetration:	-6.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.2	-10.7	=====	
		SA SAND	BEGIN JET
5.7	-14.2	=====	
		CL SILT/CLAY	REFUSAL
6.2	-14.7	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,861	Northing(NAD83):	13,735,591
Hole Number:	ECP-P639-A			Freeboard:	3.5
Time:	13:36			Tide:	1.19
Sounding Depth:	-8.4	Bottom of Probe:	-15.8 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-11.8	=====
		SA SAND BEGIN JET
5.9	-14.3	=====
		SA-SH SAND & SHELL REFUSAL
7.4	-15.8	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,043	Northing(NAD83):	13,736,055
Hole Number:	ECP-P651-A			Freeboard:	4.5
Time:	13:44			Tide:	1.22
Sounding Depth:	-8.5	Bottom of Probe:	-12.8 ft.	Penetration:	-4.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.3	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.7	-12.3	=====
		SA SAND (HARD BOTTOM) REFUSAL
4.2	-12.8	=====

Character of Finish: REFUSAL IN SAND (HARD BOTTOM) **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,231	Northing(NAD83):	13,736,521
Hole Number:	ECP-P663-A			Freeboard:	3.5
Time:	13:52			Tide:	1.19
Sounding Depth:	-8.6	Bottom of Probe:	-15.8 ft.	Penetration:	-7.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.6	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.8	-11.3	=====	
		SA-SH SAND & SHELL	
4.8	-13.3	=====	
		CL SILT/CLAY	BEGIN JET
6.8	-15.3	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
7.3	-15.8	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,276,406	Northing(NAD83):	13,736,991
Hole Number:	ECP-P673-A			Freeboard:	3.5
Time:	14:01			Tide:	1.19
Sounding Depth:	-8.7	Bottom of Probe:	-14.3 ft.	Penetration:	-5.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.7	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.1	-11.8	=====	
		SA-SH SAND & SHELL	BEGIN JET
4.1	-12.8	=====	
		CL-SH SILT/CLAY & SHELL	JET
5.1	-13.8	=====	
		SH SHELL	REFUSAL
5.6	-14.3	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,273,890	Northing(NAD83):	13,732,054
Hole Number:	ECP-P506-A			Freeboard:	4.0
Time:	14:24			Tide:	1.19
Sounding Depth:	-7.8	Bottom of Probe:	-11.3 ft.	Penetration:	-3.6 ft.

	Elevation	Description / Material
Surveyed ==>	-7.8	=====
Penetration Depth:		WOR SURFICIAL SILT
1.1	-8.8	=====
		SA SAND BEGIN JET
2.1	-9.8	=====
		SA SAND REFUSAL
3.6	-11.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,095	Northing(NAD83):	13,732,526
Hole Number:	ECP-P521-A			Freeboard:	3.5
Time:	14:33			Tide:	1.14
Sounding Depth:	-8.3	Bottom of Probe:	-14.4 ft.	Penetration:	-6.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-9.9	=====
		CL SILT/CLAY BEGIN JET
4.1	-12.4	=====
		SA SAND REFUSAL
6.1	-14.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,277	Northing(NAD83):	13,733,003
Hole Number:	ECP-P538-A			Freeboard:	4.0
Time:	14:42			Tide:	1.14
Sounding Depth:	-8.3	Bottom of Probe:	-13.9 ft.	Penetration:	-5.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-9.4	=====
		SA SAND BEGIN JET
2.0	-10.4	=====
		SA-CL SILT/CLAY & SAND REFUSAL
5.5	-13.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,459	Northing(NAD83):	13,733,456
Hole Number:	ECP-P556-A			Freeboard:	4.0
Time:	14:51			Tide:	1.17
Sounding Depth:	-8.6	Bottom of Probe:	-10.8 ft.	Penetration:	-2.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.6	=====
Penetration Depth:		WOR SURFICIAL SILT
1.2	-9.8	=====
		SA-SH SAND & SHELL BEGIN JET
2.2	-10.8	=====
		SA-SH SAND & SHELL REFUSAL
2.2	-10.8	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,637	Northing(NAD83):	13,733,910
Hole Number:	ECP-P574-A			Freeboard:	3.5
Time:	14:58			Tide:	1.1
Sounding Depth:	-8.3	Bottom of Probe:	-12.4 ft.	Penetration:	-4.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.1	-10.4	=====
		SA SAND BEGIN JET
3.1	-11.4	=====
		SH SHELL REFUSAL
4.1	-12.4	=====

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,274,827	Northing(NAD83):	13,734,375
Hole Number:	ECP-P592-A			Freeboard:	4.0
Time:	15:07			Tide:	1.13
Sounding Depth:	-8.4	Bottom of Probe:	-14.9 ft.	Penetration:	-6.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-10.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.5	-11.9	=====
		SA SAND REFUSAL
6.5	-14.9	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,022	Northing(NAD83):	13,734,843
Hole Number:	ECP-P609-A			Freeboard:	3.5
Time:	15:15			Tide:	1.13
Sounding Depth:	-8.5	Bottom of Probe:	-14.4 ft.	Penetration:	-5.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.4	-11.9	=====
		SA-SH SAND & SHELL BEGIN JET
4.9	-13.4	=====
		SA-SH SAND & SHELL REFUSAL
5.9	-14.4	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,204	Northing(NAD83):	13,735,310
Hole Number:	ECP-P624-A			Freeboard:	4.0
Time:	15:23			Tide:	1.19
Sounding Depth:	-8.4	Bottom of Probe:	-13.3 ft.	Penetration:	-4.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.4	-10.8	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.4	-12.8	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
4.9	-13.3	=====

Character of Finish: REFUSAL IN SILT/CLAY & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,382	Northing(NAD83):	13,735,777
Hole Number:	ECP-P638-A			Freeboard:	3.5
Time:	15:34			Tide:	1.04
Sounding Depth:	-8.5	Bottom of Probe:	-14.5 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-11.5	=====
		SA SAND BEGIN JET
5.5	-14.0	=====
		SA-SH SAND & SHELL REFUSAL
6.0	-14.5	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,575	Northing(NAD83):	13,736,235
Hole Number:	ECP-P650-A			Freeboard:	4.0
Time:	15:41			Tide:	1.18
Sounding Depth:	-8.4	Bottom of Probe:	-14.3 ft.	Penetration:	-5.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.4	-10.8	=====
		SA SAND BEGIN JET
5.4	-13.8	=====
		SA SAND REFUSAL
5.9	-14.3	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT, CH
		Vessel:	"Shallow Draft 11"

Date:	01.31.20	Easting(NAD83):	3,275,760	Northing(NAD83):	13,736,711
Hole Number:	ECP-P662-A			Freeboard:	3.5
Time:	15:48			Tide:	1.07
Sounding Depth:	-8.4	Bottom of Probe:	-14.4 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-10.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
5.0	-13.4	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.0	-14.4	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:		Driller:	
Location:		Engineer:	
		Vessel:	

Date:		Easting(NAD83):		Northing(NAD83):	
Hole Number:				Freeboard:	
Time:				Tide:	
Sounding Depth:		Bottom of Probe:		Penetration:	

	Elevation	Description / Material
Surveyed ==>		=====
Penetration Depth:		

Character of Finish:		DATUM:	
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,428	Northing(NAD83):	13,732,264
Hole Number:	ECP-P505-A			Freeboard:	4.5
Time:	8:47			Tide:	0.44
Sounding Depth:	-7.5	Bottom of Probe:	-11.1 ft.	Penetration:	-3.5 ft.

	Elevation	Description / Material
Surveyed ==>	-7.5	=====
Penetration Depth:		
0.0	-7.6	WOR SURFICIAL SILT
		=====
		SA SAND BEGIN JET
2.5	-10.1	=====
		SA-SH SAND & SHELL REFUSAL
3.5	-11.1	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,607	Northing(NAD83):	13,732,721
Hole Number:	ECP-P520-A			Freeboard:	4.0
Time:	9:15			Tide:	0.44
Sounding Depth:	-8.2	Bottom of Probe:	-14.6 ft.	Penetration:	-6.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		
1.4	-9.6	WOR SURFICIAL SILT
		=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.4	-12.6	=====
		SA SAND REFUSAL
6.4	-14.6	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,801	Northing(NAD83):	13,733,178
Hole Number:	ECP-P537-A			Freeboard:	3.5
Time:	9:23			Tide:	0.47
Sounding Depth:	-8.5	Bottom of Probe:	-15. ft.	Penetration:	-6.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-10.0	=====
		SA SAND BEGIN JET
3.1	-11.5	=====
		SA-SH SAND & SHELL REFUSAL
6.6	-15.0	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,996	Northing(NAD83):	13,733,641
Hole Number:	ECP-P555-A			Freeboard:	3.5
Time:	9:30			Tide:	0.48
Sounding Depth:	-8.4	Bottom of Probe:	-14. ft.	Penetration:	-5.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.6	-11.0	=====
		SA SAND BEGIN JET
4.1	-12.5	=====
		SA-SH SAND & SHELL REFUSAL
5.6	-14.0	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,092	Northing(NAD83):	13,734,144
Hole Number:	ECP-P573-A			Freeboard:	3.5
Time:	9:39			Tide:	0.46
Sounding Depth:	-8.4	Bottom of Probe:	-12.5 ft.	Penetration:	-4.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.7	-11.0	=====
		SA SAND BEGIN JET
3.7	-12.0	=====
		SA-SH SAND & SHELL REFUSAL
4.2	-12.5	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,358	Northing(NAD83):	13,734,574
Hole Number:	ECP-P591-A			Freeboard:	3.5
Time:	9:46			Tide:	0.49
Sounding Depth:	-8.4	Bottom of Probe:	-14.5 ft.	Penetration:	-6.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
3.6	-12.0	=====
		CL SILT/CLAY BEGIN JET
5.6	-14.0	=====
		SA-CL SILT/CLAY & SAND REFUSAL
6.1	-14.5	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,556	Northing(NAD83):	13,735,030
Hole Number:	ECP-P608-A			Freeboard:	3.5
Time:	10:06			Tide:	0.53
Sounding Depth:	-8.5	Bottom of Probe:	-15.5 ft.	Penetration:	-7.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-11.0	=====
		SA-SH SAND & SHELL BEGIN JET
3.5	-12.0	=====
		SA SAND REFUSAL
7.0	-15.5	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,744	Northing(NAD83):	13,735,507
Hole Number:	ECP-P623-A			Freeboard:	3.5
Time:	10:14			Tide:	0.57
Sounding Depth:	-8.3	Bottom of Probe:	-13.9 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
3.2	-11.4	=====
		SA SAND BEGIN JET
5.2	-13.4	=====
		SA-SH SAND & SHELL REFUSAL
5.7	-13.9	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,918	Northing(NAD83):	13,735,964
Hole Number:	ECP-P637-A			Freeboard:	4.0
Time:	10:32			Tide:	0.5
Sounding Depth:	-8.5	Bottom of Probe:	-15.5 ft.	Penetration:	-7.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-11.0	=====
		SA SAND BEGIN JET
4.5	-13.0	=====
		SA-SH SAND & SHELL REFUSAL
7.0	-15.5	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,275,105	Northing(NAD83):	13,736,426
Hole Number:	ECP-P649-A			Freeboard:	3.5
Time:	10:39			Tide:	0.62
Sounding Depth:	-8.4	Bottom of Probe:	-12.9 ft.	Penetration:	-4.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
3.0	-11.4	=====
		SA-SH SAND & SHELL BEGIN JET
4.5	-12.9	=====
		SA-SH SAND & SHELL REFUSAL
4.5	-12.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,628	Northing(NAD83):	13,736,599
Hole Number:	ECP-P648-A			Freeboard:	4.0
Time:	10:48			Tide:	0.41
Sounding Depth:	-8.2	Bottom of Probe:	-12.1 ft.	Penetration:	-3.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.9	-10.1	=====	
		SA-SH	SAND & SHELL
2.9	-11.1	=====	BEGIN JET
		SA-SH	SAND & SHELL
3.9	-12.1	=====	REFUSAL

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,460	Northing(NAD83):	13,736,158
Hole Number:	ECP-P636-A			Freeboard:	4.0
Time:	10:55			Tide:	0.62
Sounding Depth:	-8.3	Bottom of Probe:	-12.9 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.1	-10.4	=====	
		SA-CL	SILT/CLAY & SAND
4.1	-12.4	=====	BEGIN JET
		SA-CL	SILT/CLAY & SAND
4.6	-12.9	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,264	Northing(NAD83):	13,735,665
Hole Number:	ECP-P622-A			Freeboard:	3.5
Time:	11:02			Tide:	0.53
Sounding Depth:	-8.3	Bottom of Probe:	-16. ft.	Penetration:	-7.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.7	-11.0	=====	
		CL SILT/CLAY	BEGIN JET
4.7	-13.0	=====	
		SA SAND	REFUSAL
7.7	-16.0	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,274,081	Northing(NAD83):	13,735,215
Hole Number:	ECP-P607-A			Freeboard:	4.0
Time:	11:09			Tide:	0.59
Sounding Depth:	-8.3	Bottom of Probe:	-13.4 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.6	-10.9	=====	
		SA SAND	BEGIN JET
4.1	-12.4	=====	
		SA SAND	REFUSAL
5.1	-13.4	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,900	Northing(NAD83):	13,734,739
Hole Number:	ECP-P590-A			Freeboard:	4.0
Time:	11:18			Tide:	0.56
Sounding Depth:	-8.4	Bottom of Probe:	-14.4 ft.	Penetration:	-6.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR SURFICIAL SILT	
3.1	-11.4	=====	
		CL SILT/CLAY	BEGIN JET
4.1	-12.4	=====	
		SA SAND	REFUSAL
6.1	-14.4	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,718	Northing(NAD83):	13,734,291
Hole Number:	ECP-P572-A			Freeboard:	3.5
Time:	11:24			Tide:	0.53
Sounding Depth:	-8.3	Bottom of Probe:	-12. ft.	Penetration:	-3.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.7	-11.0	=====	
		SA SAND	BEGIN JET
3.7	-12.0	=====	
		SH SHELL	REFUSAL
3.7	-12.0	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,525	Northing(NAD83):	13,733,827
Hole Number:	ECP-P554-A			Freeboard:	4.0
Time:	11:32			Tide:	0.71
Sounding Depth:	-8.4	Bottom of Probe:	-12.3 ft.	Penetration:	-3.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-10.3	=====
		SA SAND BEGIN JET
3.4	-11.8	=====
		SA-SH SAND & SHELL REFUSAL
3.9	-12.3	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,353	Northing(NAD83):	13,733,355
Hole Number:	ECP-P536-A			Freeboard:	4.0
Time:	11:39			Tide:	0.49
Sounding Depth:	-8.3	Bottom of Probe:	-13.5 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.5	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
3.7	-12.0	=====
		SA-SH SAND & SHELL REFUSAL
5.2	-13.5	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,152	Northing(NAD83):	13,732,895
Hole Number:	ECP-P519-A			Freeboard:	3.5
Time:	11:46			Tide:	0.67
Sounding Depth:	-8.1	Bottom of Probe:	-13.8 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.3	=====
		CL-SH SILT/CLAY & SHELL BEGIN JET
3.2	-11.3	=====
		CL-SH SILT/CLAY & SHELL REFUSAL
5.7	-13.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,982	Northing(NAD83):	13,732,421
Hole Number:	ECP-P504-A			Freeboard:	4.0
Time:	11:54			Tide:	0.7
Sounding Depth:	-8.1	Bottom of Probe:	-10.8 ft.	Penetration:	-2.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
1.3	-9.3	=====
		SA SAND BEGIN JET
2.3	-10.3	=====
		SA-SH SAND & SHELL REFUSAL
2.8	-10.8	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,557	Northing(NAD83):	13,732,598
Hole Number:	ECP-P503-A			Freeboard:	4.5
Time:	12:40			Tide:	0.68
Sounding Depth:	-8.1	Bottom of Probe:	-10.8 ft.	Penetration:	-2.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
0.3	-8.3	=====
		SA SAND BEGIN JET
1.8	-9.8	=====
		SA-SH SAND & SHELL REFUSAL
2.8	-10.8	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,701	Northing(NAD83):	13,733,084
Hole Number:	ECP-P518-A			Freeboard:	4.0
Time:	12:48			Tide:	0.67
Sounding Depth:	-8.2	Bottom of Probe:	-13.3 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.2	-9.3	=====
		SA SAND BEGIN JET
3.7	-11.8	=====
		SA SAND REFUSAL
5.2	-13.3	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,875	Northing(NAD83):	13,733,534
Hole Number:	ECP-P535-A			Freeboard:	4.0
Time:	12:55			Tide:	0.62
Sounding Depth:	-8.4	Bottom of Probe:	-15.9 ft.	Penetration:	-7.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.4	=====
		SA SAND BEGIN JET
5.5	-13.9	=====
		SA SAND REFUSAL
7.5	-15.9	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,070	Northing(NAD83):	13,734,015
Hole Number:	ECP-P553-A			Freeboard:	4.0
Time:	13:04			Tide:	0.72
Sounding Depth:	-8.4	Bottom of Probe:	-15.8 ft.	Penetration:	-7.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.4	-9.8	=====
		SA SAND BEGIN JET
4.9	-13.3	=====
		SA-CL SILT/CLAY & SAND REFUSAL
7.4	-15.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,263	Northing(NAD83):	13,734,478
Hole Number:	ECP-P571-A			Freeboard:	3.5
Time:	13:11			Tide:	0.48
Sounding Depth:	-8.3	Bottom of Probe:	-14.5 ft.	Penetration:	-6.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
3.2	-11.5	=====
		SA SAND BEGIN JET
5.7	-14.0	=====
		SA-SH SAND & SHELL REFUSAL
6.2	-14.5	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,443	Northing(NAD83):	13,734,942
Hole Number:	ECP-P589-A			Freeboard:	4.0
Time:	13:18			Tide:	0.61
Sounding Depth:	-8.4	Bottom of Probe:	-12.4 ft.	Penetration:	-4.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.4	=====
		SA SA-SH BEGIN JET
4.0	-12.4	=====
		SA-SH SAND & SHELL REFUSAL
4.0	-12.4	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,624	Northing(NAD83):	13,735,416
Hole Number:	ECP-P606-A			Freeboard:	4.0
Time:	13:24			Tide:	0.66
Sounding Depth:	-8.2	Bottom of Probe:	-13.8 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
3.2	-11.3	=====
		SA SAND BEGIN JET
4.2	-12.3	=====
		SA-CL SILT/CLAY & SAND REFUSAL
5.7	-13.8	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,812	Northing(NAD83):	13,735,872
Hole Number:	ECP-P621-A			Freeboard:	4.0
Time:	13:30			Tide:	0.79
Sounding Depth:	-8.3	Bottom of Probe:	-13.2 ft.	Penetration:	-4.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-11.2	=====
		SA SAND BEGIN JET
4.9	-13.2	=====
		SA-SH SAND & SHELL REFUSAL
4.9	-13.2	=====

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,998	Northing(NAD83):	13,736,340
Hole Number:	ECP-P635-A			Freeboard:	4.0
Time:	13:37			Tide:	0.75
Sounding Depth:	-8.2	Bottom of Probe:	-14.3 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.3	=====
		SA-SH SAND & SHELL BEGIN JET
3.0	-11.3	=====
		SA-SH SAND & SHELL REFUSAL
6.0	-14.3	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,351	Northing(NAD83):	13,736,047
Hole Number:	ECP-P620-A			Freeboard:	4.0
Time:	13:47			Tide:	0.69
Sounding Depth:	-8.2	Bottom of Probe:	-14.3 ft.	Penetration:	-6.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.6	-10.8	=====
		SA SAND BEGIN JET
3.6	-11.8	=====
		SA-SH SAND & SHELL REFUSAL
6.1	-14.3	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,273,157	Northing(NAD83):	13,735,588
Hole Number:	ECP-P605-A			Freeboard:	3.5
Time:	13:54			Tide:	0.8
Sounding Depth:	-8.4	Bottom of Probe:	-14.2 ft.	Penetration:	-5.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
1.4	-9.7	=====	
		SA-SH	SAND & SHELL
1.9	-10.2	=====	BEGIN JET
		SA	SAND
5.9	-14.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,975	Northing(NAD83):	13,735,120
Hole Number:	ECP-P588-A			Freeboard:	3.5
Time:	14:02			Tide:	0.36
Sounding Depth:	-8.4	Bottom of Probe:	-13.1 ft.	Penetration:	-4.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
2.8	-11.1	=====	
		SA	SAND
4.3	-12.6	=====	BEGIN JET
		SA-SH	SAND & SHELL
4.8	-13.1	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,804	Northing(NAD83):	13,734,652
Hole Number:	ECP-P570-A			Freeboard:	4.0
Time:	14:09			Tide:	0.79
Sounding Depth:	-8.3	Bottom of Probe:	-14.2 ft.	Penetration:	-5.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.9	-10.2	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
4.4	-12.7	=====
		SA-SH SAND & SHELL REFUSAL
5.9	-14.2	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,611	Northing(NAD83):	13,734,180
Hole Number:	ECP-P552-A			Freeboard:	4.0
Time:	14:17			Tide:	0.85
Sounding Depth:	-8.3	Bottom of Probe:	-14.2 ft.	Penetration:	-5.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.2	=====
		SA SAND BEGIN JET
3.8	-12.2	=====
		SA SAND REFUSAL
5.8	-14.2	=====

Character of Finish: REFUSAL IN SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,420	Northing(NAD83):	13,733,733
Hole Number:	ECP-P534-A			Freeboard:	3.5
Time:	14:23			Tide:	0.78
Sounding Depth:	-8.3	Bottom of Probe:	-15.2 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.9	-10.2	=====	
		SA-CL SILT/CLAY & SAND	BEGIN JET
3.9	-12.2	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
6.9	-15.2	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,230	Northing(NAD83):	13,733,260
Hole Number:	ECP-P517-A			Freeboard:	4.0
Time:	14:30			Tide:	0.65
Sounding Depth:	-8.3	Bottom of Probe:	-12.4 ft.	Penetration:	-4.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.0	-9.4	=====	
		SA SAND	BEGIN JET
3.0	-11.4	=====	
		SH SHELL	REFUSAL
4.0	-12.4	=====	

Character of Finish:	REFUSAL IN SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.01.20	Easting(NAD83):	3,272,053	Northing(NAD83):	13,732,791
Hole Number:	ECP-P502-A		Freeboard:	4.5	
Time:	14:38		Tide:	0.66	
Sounding Depth:	-8.0	Bottom of Probe:	-10.8 ft.	Penetration:	-2.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		
0.9	-8.8	WOR SURFICIAL SILT
		=====
		SA SAND BEGIN JET
2.4	-10.3	=====
		SA-SH SAND & SHELL REFUSAL
2.9	-10.8	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	Driller:
Location:	Engineer:
	Vessel:

Date:	Easting(NAD83):	Northing(NAD83):
Hole Number:	Freeboard:	
Time:	Tide:	
Sounding Depth:	Bottom of Probe:	Penetration:

	Elevation	Description / Material
Surveyed ==>		=====
Penetration Depth:		

Character of Finish: **DATUM:**

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,598	Northing(NAD83):	13,732,992
Hole Number:	ECP-P501-A			Freeboard:	4.0
Time:	8:35			Tide:	-0.03
Sounding Depth:	-7.7	Bottom of Probe:	-12. ft.	Penetration:	-4.3 ft.

	Elevation	Description / Material
Surveyed ==>	-7.7	=====
Penetration Depth:		WOR SURFICIAL SILT
0.8	-8.5	=====
		SA SAND BEGIN JET
2.8	-10.5	=====
		SA-SH SAND & SHELL REFUSAL
4.3	-12.0	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,773	Northing(NAD83):	13,733,461
Hole Number:	ECP-P516-A			Freeboard:	3.5
Time:	8:44			Tide:	-0.21
Sounding Depth:	-8.2	Bottom of Probe:	-15.7 ft.	Penetration:	-7.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.0	-9.2	=====
		SA SAND BEGIN JET
3.5	-11.7	=====
		SA-SH SAND & SHELL REFUSAL
7.5	-15.7	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,961	Northing(NAD83):	13,733,921
Hole Number:	ECP-P533-A			Freeboard:	3.5
Time:	9:02			Tide:	-0.13
Sounding Depth:	-8.4	Bottom of Probe:	-12.1 ft.	Penetration:	-3.8 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.8	-10.1	=====
		SA SAND BEGIN JET
2.3	-10.6	=====
		SA SAND REFUSAL
3.8	-12.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,130	Northing(NAD83):	13,734,386
Hole Number:	ECP-P551-A			Freeboard:	3.5
Time:	9:08			Tide:	-0.4
Sounding Depth:	-8.4	Bottom of Probe:	-15.9 ft.	Penetration:	-7.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.5	-10.9	=====
		SA SAND BEGIN JET
3.5	-11.9	=====
		SA SAND REFUSAL
7.5	-15.9	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,338	Northing(NAD83):	13,734,855
Hole Number:	ECP-P569-A			Freeboard:	3.5
Time:	9:15			Tide:	-0.11
Sounding Depth:	-8.5	Bottom of Probe:	-13.6 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.5	=====
Penetration Depth:		WOR SURFICIAL SILT
1.1	-9.6	=====
		SA SAND BEGIN JET
1.6	-10.1	=====
		SA-SH SAND & SHELL REFUSAL
5.1	-13.6	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,491	Northing(NAD83):	13,735,326
Hole Number:	ECP-P587-A			Freeboard:	3.5
Time:	9:22			Tide:	0
Sounding Depth:	-8.3	Bottom of Probe:	-15.5 ft.	Penetration:	-7.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.0	=====
		CL SILT/CLAY BEGIN JET
4.7	-13.0	=====
		SA-CL SILT/CLAY & SAND REFUSAL
7.2	-15.5	=====

Character of Finish: REFUSAL IN SILT/CLAY & SAND **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,686	Northing(NAD83):	13,735,779
Hole Number:	ECP-P604-A			Freeboard:	3.0
Time:	9:29			Tide:	-0.05
Sounding Depth:	-8.2	Bottom of Probe:	-13.6 ft.	Penetration:	-5.3 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.3	-10.6	=====
		SA SAND BEGIN JET
3.3	-11.6	=====
		SA SAND REFUSAL
5.3	-13.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,278	Northing(NAD83):	13,735,948
Hole Number:	ECP-P603-A			Freeboard:	3.5
Time:	9:37			Tide:	-0.23
Sounding Depth:	-8.1	Bottom of Probe:	-16.7 ft.	Penetration:	-8.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
3.1	-11.2	=====
		SA SAND BEGIN JET
5.6	-13.7	=====
		SA SAND REFUSAL
8.6	-16.7	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,053	Northing(NAD83):	13,735,495
Hole Number:	ECP-P586-A			Freeboard:	3.5
Time:	9:47			Tide:	-0.11
Sounding Depth:	-8.2	Bottom of Probe:	-14.6 ft.	Penetration:	-6.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.4	-10.6	=====
		SA SAND BEGIN JET
5.4	-13.6	=====
		SA SAND REFUSAL
6.4	-14.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,857	Northing(NAD83):	13,735,019
Hole Number:	ECP-P568-A			Freeboard:	3.5
Time:	9:54			Tide:	-0.1
Sounding Depth:	-8.4	Bottom of Probe:	-13.6 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
1.7	-10.1	=====
		CL SILT/CLAY BEGIN JET
2.7	-11.1	=====
		CL SILT/CLAY REFUSAL
5.2	-13.6	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,669	Northing(NAD83):	13,734,572
Hole Number:	ECP-P550-A			Freeboard:	4.0
Time:	10:01			Tide:	-0.06
Sounding Depth:	-8.4	Bottom of Probe:	-14.1 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.6	=====
		SA SAND BEGIN JET
2.7	-11.1	=====
		CL SILT/CLAY REFUSAL
5.7	-14.1	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,488	Northing(NAD83):	13,734,099
Hole Number:	ECP-P532-A			Freeboard:	3.5
Time:	10:08			Tide:	0.02
Sounding Depth:	-8.3	Bottom of Probe:	-12.5 ft.	Penetration:	-4.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.5	=====
		CL SILT/CLAY BEGIN JET
2.7	-11.0	=====
		SA SAND REFUSAL
4.2	-12.5	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,303	Northing(NAD83):	13,733,633
Hole Number:	ECP-P515-A			Freeboard:	3.5
Time:	10:15			Tide:	-0.12
Sounding Depth:	-8.2	Bottom of Probe:	-12.6 ft.	Penetration:	-4.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.5	-9.6	=====
		SA SAND BEGIN JET
3.5	-11.6	=====
		SA SAND REFUSAL
4.5	-12.6	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,111	Northing(NAD83):	13,733,176
Hole Number:	ECP-P500-A			Freeboard:	4.0
Time:	10:22			Tide:	0
Sounding Depth:	-7.9	Bottom of Probe:	-9.5 ft.	Penetration:	-1.7 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
0.7	-8.5	=====
		SA SAND BEGIN JET
1.2	-9.0	=====
		SA SAND REFUSAL
1.7	-9.5	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,270,838	Northing(NAD83):	13,733,834
Hole Number:	ECP-P514-A			Freeboard:	3.5
Time:	10:31			Tide:	-0.06
Sounding Depth:	-8.1	Bottom of Probe:	-14.1 ft.	Penetration:	-6.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
2.0	-10.1	=====
		SA SAND BEGIN JET
5.5	-13.6	=====
		SA SAND REFUSAL
6.0	-14.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,031	Northing(NAD83):	13,734,305
Hole Number:	ECP-P531-A			Freeboard:	3.5
Time:	10:39			Tide:	0.09
Sounding Depth:	-8.2	Bottom of Probe:	-13.4 ft.	Penetration:	-5.2 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.7	-10.9	=====
		SA SAND BEGIN JET
4.7	-12.9	=====
		SA SAND REFUSAL
5.2	-13.4	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,204	Northing(NAD83):	13,734,762
Hole Number:	ECP-P549-A			Freeboard:	3.5
Time:	10:49			Tide:	0.07
Sounding Depth:	-8.3	Bottom of Probe:	-13.4 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.1	-9.4	=====	
		SH SHELL	BEGIN JET
3.6	-11.9	=====	
		SA-SH SAND & SHELL	REFUSAL
5.1	-13.4	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,386	Northing(NAD83):	13,735,218
Hole Number:	ECP-P567-A			Freeboard:	3.5
Time:	10:57			Tide:	0.05
Sounding Depth:	-8.3	Bottom of Probe:	-13.5 ft.	Penetration:	-5.1 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.3	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.1	-10.5	=====	
		SA SAND	BEGIN JET
4.1	-12.5	=====	
		SA-SH SAND & SHELL	REFUSAL
5.1	-13.5	=====	

Character of Finish:	REFUSAL IN SAND & SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,584	Northing(NAD83):	13,735,692
Hole Number:	ECP-P585-A			Freeboard:	4.0
Time:	11:04			Tide:	0.14
Sounding Depth:	-8.2	Bottom of Probe:	-11.9 ft.	Penetration:	-3.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.2	-10.4	=====
		SA SAND BEGIN JET
2.7	-10.9	=====
		SA-SH SAND & SHELL REFUSAL
3.7	-11.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,270,730	Northing(NAD83):	13,734,945
Hole Number:	ECP-P548-A			Freeboard:	3.5
Time:	11:18			Tide:	0.14
Sounding Depth:	-8.2	Bottom of Probe:	-12.9 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
1.6	-9.9	=====
		SA-SH SAND & SHELL BEGIN JET
4.1	-12.4	=====
		SA-SH SAND & SHELL REFUSAL
4.6	-12.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,270,757	Northing(NAD83):	13,735,470
Hole Number:	ECP-P566-A			Freeboard:	3.5
Time:	11:25			Tide:	0.03
Sounding Depth:	-8.2	Bottom of Probe:	-12.5 ft.	Penetration:	-4.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.2	=====	
Penetration Depth:		WOR SURFICIAL SILT	
1.8	-10.0	=====	
		CL SILT/CLAY	BEGIN JET
3.8	-12.0	=====	
		CL-SH SILT/CLAY & SHELL	REFUSAL
4.3	-12.5	=====	

Character of Finish:	REFUSAL IN SILT/CLAY & SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,270,802	Northing(NAD83):	13,736,536
Hole Number:	ECP-P686-A			Freeboard:	3.5
Time:	11:34			Tide:	0.07
Sounding Depth:	-8.0	Bottom of Probe:	-14.9 ft.	Penetration:	-6.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-8.0	=====	
Penetration Depth:		WOR SURFICIAL SILT	
2.4	-10.4	=====	
		CL SILT/CLAY	BEGIN JET
5.9	-13.9	=====	
		CL SILT/CLAY	REFUSAL
6.9	-14.9	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,270,373	Northing(NAD83):	13,736,711
Hole Number:	ECP-P685-A			Freeboard:	3.5
Time:	11:41			Tide:	-0.14
Sounding Depth:	-8.2	Bottom of Probe:	-14.1 ft.	Penetration:	-5.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-11.1	=====
		SA SAND BEGIN JET
5.9	-14.1	=====
		SA SAND REFUSAL
5.9	-14.1	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,271,018	Northing(NAD83):	13,736,992
Hole Number:	ECP-P687-A			Freeboard:	4.0
Time:	11:50			Tide:	0.1
Sounding Depth:	-8.0	Bottom of Probe:	-15.9 ft.	Penetration:	-7.9 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		WOR SURFICIAL SILT
2.9	-10.9	=====
		SA-CL SILT/CLAY & SAND BEGIN JET
6.4	-14.4	=====
		SA-CL SILT/CLAY & SAND REFUSAL
7.9	-15.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,780	Northing(NAD83):	13,737,363
Hole Number:	ECP-P688-A			Freeboard:	4.5
Time:	12:03			Tide:	0.12
Sounding Depth:	-8.2	Bottom of Probe:	-12.4 ft.	Penetration:	-4.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.2	=====
Penetration Depth:		WOR SURFICIAL SILT
0.1	-8.4	=====
		SA SAND BEGIN JET
3.1	-11.4	=====
		SA-SH SAND & SHELL REFUSAL
4.1	-12.4	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,272,977	Northing(NAD83):	13,737,830
Hole Number:	ECP-P689-A			Freeboard:	3.5
Time:	12:10			Tide:	0.12
Sounding Depth:	-8.0	Bottom of Probe:	-13.4 ft.	Penetration:	-5.4 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		WOR SURFICIAL SILT
2.4	-10.4	=====
		SA SAND BEGIN JET
4.9	-12.9	=====
		SA-SH SAND & SHELL REFUSAL
5.4	-13.4	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,273,447	Northing(NAD83):	13,737,634
Hole Number:	ECP-P690-A			Freeboard:	4.0
Time:	12:18			Tide:	0.21
Sounding Depth:	-8.1	Bottom of Probe:	-13.8 ft.	Penetration:	-5.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
2.7	-10.8	=====
		SA-SH SAND & SHELL BEGIN JET
4.7	-12.8	=====
		SA-SH SAND & SHELL REFUSAL
5.7	-13.8	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	Dollar Point	Engineer:	NM, AS, MT
		Vessel:	"Shallow Draft 11"

Date:	02.02.20	Easting(NAD83):	3,273,868	Northing(NAD83):	13,737,466
Hole Number:	ECP-P691-A			Freeboard:	4.0
Time:	12:25			Tide:	0.14
Sounding Depth:	-8.3	Bottom of Probe:	-12.9 ft.	Penetration:	-4.6 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
2.6	-10.9	=====
		SA SAND BEGIN JET
3.6	-11.9	=====
		SA-SH SAND & SHELL REFUSAL
4.6	-12.9	=====

Character of Finish: REFUSAL IN SAND & SHELL **DATUM:** MLLW

M11 PROBING COORDINATES

PROBING ID	NORTHING	EASTING	PROBING ID	NORTHING	EASTING
ECP-2000-A	13,804,084.51	3,259,139.88	ECP-2031-A	13,798,301.47	3,260,782.62
ECP-2001-A	13,803,814.66	3,259,790.14	ECP-2032-A	13,798,478.37	3,261,259.71
ECP-2003-A	13,803,081.90	3,259,511.23	ECP-2033-A	13,798,354.84	3,261,865.40
ECP-2004-A	13,802,651.81	3,259,150.41	ECP-2034-A	13,797,018.51	3,260,221.03
ECP-2005-A	13,802,975.12	3,260,105.66	ECP-2035-A	13,797,220.07	3,260,697.92
ECP-2006-A	13,801,237.71	3,258,624.98	ECP-2036-A	13,797,423.95	3,261,120.82
ECP-2007-A	13,801,398.35	3,259,088.97	ECP-2037-A	13,797,571.98	3,261,636.37
ECP-2008-A	13,800,759.39	3,258,810.00	ECP-2038-A	13,797,734.52	3,262,082.19
ECP-2009-A	13,800,907.27	3,259,244.01	ECP-2039-A	13,796,642.54	3,260,378.94
ECP-2010-A	13,801,309.25	3,259,666.45	ECP-2040-A	13,796,723.04	3,260,850.05
ECP-2011-A	13,800,692.30	3,260,979.50	ECP-2041-A	13,796,910.08	3,261,321.10
ECP-2012-A	13,799,731.69	3,259,205.59	ECP-2042-A	13,797,082.28	3,261,780.32
ECP-2013-A	13,799,959.31	3,259,638.84	ECP-2043-A	13,797,256.49	3,262,260.06
ECP-2014-A	13,800,186.45	3,260,109.08	ECP-2044-A	13,796,232.16	3,260,514.17
ECP-2015-A	13,799,364.66	3,259,347.87	ECP-2045-A	13,796,260.67	3,261,055.91
ECP-2016-A	13,799,545.08	3,259,792.30	ECP-2046-A	13,796,447.82	3,261,517.43
ECP-2017-A	13,799,717.24	3,260,274.58	ECP-2047-A	13,796,798.78	3,262,449.24
ECP-2018-A	13,799,885.94	3,260,750.71	ECP-2048-A	13,795,610.49	3,260,753.33
ECP-2019-A	13,798,892.29	3,259,518.61	ECP-2049-A	13,795,795.04	3,261,216.57
ECP-2020-A	13,799,065.45	3,259,994.98	ECP-2050-A	13,795,952.18	3,261,682.05
ECP-2021-A	13,799,245.35	3,260,446.67	ECP-2051-A	13,796,155.31	3,262,157.08
ECP-2022-A	13,799,410.63	3,260,913.90	ECP-2052-A	13,795,869.80	3,262,792.44
ECP-2023-A	13,799,604.89	3,261,380.16	ECP-2053-A	13,794,672.39	3,261,093.61
ECP-2024-A	13,798,412.74	3,259,696.27	ECP-2054-A	13,794,857.56	3,261,599.36
ECP-2025-A	13,798,585.06	3,260,152.21	ECP-2055-A	13,795,035.51	3,262,056.23
ECP-2026-A	13,798,781.65	3,260,625.71	ECP-2056-A	13,795,203.51	3,262,521.35
ECP-2027-A	13,798,935.88	3,261,083.34	ECP-2057-A	13,795,401.59	3,262,983.64
ECP-2028-A	13,799,143.84	3,261,557.62			
ECP-2029-A	13,798,066.21	3,259,803.41			
ECP-2030-A	13,798,120.97	3,260,339.13			

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.17.20	Easting(NAD83):	3,259,803	Northing(NAD83):	13,798,066
Hole Number:	ECP-2029-A			Freeboard:	7
Time:	11:13			Tide:	1.16
Sounding Depth:	-5.9	Bottom of Probe:	-43.8 ft.	Penetration:	-38.0 ft.

	Elevation	Description / Material	
Surveyed ==>	-5.9	=====	
Penetration Depth:		WOR SURFICIAL SILT	
-13.0	-18.8	=====	
		CL SILT/CLAY	BEGIN JET
-18.5	-24.3	=====	
		SH SHELL	JET
-33.0	-38.8	=====	
		CL SILT/CLAY	NO REFUSAL
-38.0	-43.8	=====	

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,339	Northing(NAD83):	13,798,121
Hole Number:	ECP-2030-A			Freeboard:	7
Time:	8:27			Tide:	0
Sounding Depth:	-6.8	Bottom of Probe:	-45. ft.	Penetration:	-38.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.8	=====	
Penetration Depth:		WOR SURFICIAL SILT	
-11.2	-18.0	=====	
		CL SILT/CLAY	BEGIN JET
-20.7	-27.5	=====	
		CL SILT/CLAY	NO REFUSAL
-38.2	-45.0	=====	

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,783	Northing(NAD83):	13,798,301
Hole Number:	ECP-2031-A			Freeboard:	6
Time:	9:12			Tide:	-0.21
Sounding Depth:	-7.1	Bottom of Probe:	-46.2 ft.	Penetration:	-39.1 ft.

	Elevation	Description / Material
Surveyed ==>	-7.1	=====
Penetration Depth:		WOR SURFICIAL SILT
-10.1	-17.2	=====
		CL SILT/CLAY BEGIN JET
-18.1	-25.2	=====
		CL SILT/CLAY NO REFUSAL
-39.1	-46.2	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,261,260	Northing(NAD83):	13,798,478
Hole Number:	ECP-2032-A			Freeboard:	7
Time:	9:32			Tide:	-0.13
Sounding Depth:	-7.3	Bottom of Probe:	-45.1 ft.	Penetration:	-37.8 ft.

	Elevation	Description / Material
Surveyed ==>	-7.3	=====
Penetration Depth:		WOR SURFICIAL SILT
-13.3	-20.6	=====
		CL SILT/CLAY BEGIN JET
-14.3	-21.6	=====
		CL SILT/CLAY NO REFUSAL
-37.8	-45.1	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,261,865	Northing(NAD83):	13,798,355
Hole Number:	ECP-2033-A			Freeboard:	6
Time:	9:56			Tide:	-0.24
Sounding Depth:	-7.8	Bottom of Probe:	-45.2 ft.	Penetration:	-37.5 ft.

	Elevation	Description / Material
Surveyed ==>	-7.8	=====
Penetration Depth:		WOR SURFICIAL SILT
-7.5	-15.2	=====
		CL SILT/CLAY BEGIN JET
-14.5	-22.2	=====
		SA SAND REFUSAL
-37.5	-45.2	=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,261,558	Northing(NAD83):	13,799,144
Hole Number:	ECP-2028-A			Freeboard:	6
Time:	10:18			Tide:	-0.2
Sounding Depth:	-7.6	Bottom of Probe:	-39.7 ft.	Penetration:	-32.2 ft.

	Elevation	Description / Material
Surveyed ==>	-7.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.2	-16.7	=====
		CL SILT/CLAY BEGIN JET
-18.7	-26.2	=====
		CL SILT/CLAY REFUSAL
-32.2	-39.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,261,083	Northing(NAD83):	13,798,936
Hole Number:	ECP-2027-A			Freeboard:	9.5
Time:	10:33			Tide:	-0.32
Sounding Depth:	-7.3	Bottom of Probe:	-42.8 ft.	Penetration:	-35.6 ft.

	Elevation	Description / Material
Surveyed ==>	-7.3	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.6	-16.8	=====
		CL SILT/CLAY BEGIN JET
-17.6	-24.8	=====
		CL-SA SILT/CLAY & SAND NO REFUSAL
-35.6	-42.8	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,626	Northing(NAD83):	13,798,782
Hole Number:	ECP-2026-A			Freeboard:	8.5
Time:	10:52			Tide:	-0.3
Sounding Depth:	-7.0	Bottom of Probe:	-43.8 ft.	Penetration:	-36.8 ft.

	Elevation	Description / Material
Surveyed ==>	-7.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-10.8	-17.8	=====
		CL SILT/CLAY BEGIN JET
-20.8	-27.8	=====
		CL SILT/CLAY NO REFUSAL
-36.8	-43.8	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,152	Northing(NAD83):	13,798,585
Hole Number:	ECP-2025-A			Freeboard:	7
Time:	11:11			Tide:	-0.17
Sounding Depth:	-6.8	Bottom of Probe:	-40.2 ft.	Penetration:	-38.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-11.4	-18.2	=====	
		CL	SILT/CLAY
-17.4	-24.2	=====	BEGIN JET
		CL	SILT/CLAY
-31.4	-38.2	=====	JET
		CL	CLAY
-33.4	-40.2	=====	JET
		CL	SILT/CLAY
-38.4	-45.2	=====	NO REFUSAL

Character of Finish:	REFUSAL IN	NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	M11	Engineer:	JRB, JWB, NM	
		Vessel:	"Shallow Draft 11"	

Date:	01.20.20	Easting(NAD83):	3,259,696	Northing(NAD83):	13,798,413
Hole Number:	ECP-2024-A			Freeboard:	10.5
Time:	11:26			Tide:	-0.37
Sounding Depth:	-6.2	Bottom of Probe:	-41.9 ft.	Penetration:	-35.7 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-10.7	-16.9	=====	
		CL	SILT/CLAY
-15.7	-21.9	=====	BEGIN JET
		CL	SILT/CLAY
-35.7	-41.9	=====	NO REFUSAL

Character of Finish:	REFUSAL IN	NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,519	Northing(NAD83):	13,798,892
Hole Number:	ECP-2019-A			Freeboard:	11
Time:	11:47			Tide:	-0.37
Sounding Depth:	-6.1	Bottom of Probe:	-41.4 ft.	Penetration:	-35.2 ft.

	Elevation	Description / Material
Surveyed ==>	-6.1	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.2	-18.4	=====
		SA SAND BEGIN JET
-14.2	-20.4	=====
		CL SILT/CLAY JET
-30.2	-36.4	=====
		SA SAND NO REFUSAL
-35.2	-41.4	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,995	Northing(NAD83):	13,799,065
Hole Number:	ECP-2020-A			Freeboard:	8.5
Time:	12:29			Tide:	-0.31
Sounding Depth:	-6.6	Bottom of Probe:	-43.8 ft.	Penetration:	-37.3 ft.

	Elevation	Description / Material
Surveyed ==>	-6.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.3	-18.8	=====
		CL SILT/CLAY BEGIN JET
-17.8	-24.3	=====
		CL SILT/CLAY NO REFUSAL
-37.3	-43.8	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,447	Northing(NAD83):	13,799,245
Hole Number:	ECP-2021-A			Freeboard:	9.5
Time:	12:59			Tide:	-0.16
Sounding Depth:	-6.9	Bottom of Probe:	-42.7 ft.	Penetration:	-35.8 ft.

	Elevation	Description / Material
Surveyed ==>	-6.9	=====
Penetration Depth:		WOR SURFICIAL SILT
-11.3	-18.2	=====
		SC SAND/CLAY BEGIN JET
-14.8	-21.7	=====
		SA SAND JET
-32.8	-39.7	=====
		SC SAND/CLAY NO REFUSAL
-35.8	-42.7	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,914	Northing(NAD83):	13,799,411
Hole Number:	ECP-2022-A			Freeboard:	6.5
Time:	13:17			Tide:	-0.13
Sounding Depth:	-7.2	Bottom of Probe:	-45.6 ft.	Penetration:	-38.5 ft.

	Elevation	Description / Material
Surveyed ==>	-7.2	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.0	-19.1	=====
		SC SAND/CLAY BEGIN JET
-20.5	-27.6	=====
		SA SAND JET
-34.5	-41.6	=====
		SC SAND/CLAY NO REFUSAL
-38.5	-45.6	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,261,380	Northing(NAD83):	13,799,605
Hole Number:	ECP-2023-A			Freeboard:	8.5
Time:	13:33			Tide:	-0.21
Sounding Depth:	-7.4	Bottom of Probe:	-43.7 ft.	Penetration:	-36.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.4	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-9.3	-16.7	=====	
		SH	SHELL
-12.8	-20.2	=====	
		SC	SAND/CLAY
-19.8	-27.2	=====	BEGIN JET
		SA/SH	SAND/SHELL
-36.3	-43.7	=====	NO REFUSAL

Character of Finish:	REFUSAL IN	NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS	
Location:	M11	Engineer:	JRB, JWB, NM	
		Vessel:	"Shallow Draft 11"	

Date:	01.20.20	Easting(NAD83):	3,260,751	Northing(NAD83):	13,799,886
Hole Number:	ECP-2018-A			Freeboard:	7.5
Time:	13:53			Tide:	-0.06
Sounding Depth:	-7.0	Bottom of Probe:	-44.6 ft.	Penetration:	-37.6 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.0	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-11.6	-18.6	=====	
		SH	SHELL
-16.6	-23.6	=====	
		SC	SAND/CLAY
-20.6	-27.6	=====	BEGIN JET
		SA/SH	SAND/SHELL
-37.6	-44.6	=====	NO REFUSAL

Character of Finish:	REFUSAL IN	NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,275	Northing(NAD83):	13,799,717
Hole Number:	ECP-2017-A			Freeboard:	7.5
Time:	14:07			Tide:	0.06
Sounding Depth:	-6.7	Bottom of Probe:	-44.4 ft.	Penetration:	-37.7 ft.

	Elevation	Description / Material
Surveyed ==>	-6.7	=====
Penetration Depth:		WOR SURFICIAL SILT
-10.7	-17.4	=====
		SC SAND/CLAY BEGIN JET
-19.2	-25.9	=====
		SA/SH SAND/SHELL 47-48' BEGIN JET
-33.7	-40.4	=====
		SC SAND/CLAY NO REFUSAL
-37.7	-44.4	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,792	Northing(NAD83):	13,799,545
Hole Number:	ECP-2016-A			Freeboard:	7.5
Time:	14:24			Tide:	0.06
Sounding Depth:	-6.5	Bottom of Probe:	-44.4 ft.	Penetration:	-38.0 ft.

	Elevation	Description / Material
Surveyed ==>	-6.5	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.5	-18.9	=====
		SC SAND/CLAY BEGIN JET
-19.0	-25.4	=====
		SC SAND/CLAY NO REFUSAL
-38.0	-44.4	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,348	Northing(NAD83):	13,799,365
Hole Number:	ECP-2015-A			Freeboard:	8.5
Time:	14:39			Tide:	0.25
Sounding Depth:	-6.1	Bottom of Probe:	-43.3 ft.	Penetration:	-37.2 ft.

	Elevation	Description / Material
Surveyed ==>	-6.1	=====
Penetration Depth:		WOR SURFICIAL SILT
-13.2	-19.3	=====
		SC SAND/CLAY BEGIN JET
-19.2	-25.3	=====
		SC SAND/CLAY (SA 48-50) NO REFUSAL
-37.2	-43.3	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,206	Northing(NAD83):	13,799,732
Hole Number:	ECP-2012-A			Freeboard:	7.5
Time:	14:54			Tide:	0.31
Sounding Depth:	-6.0	Bottom of Probe:	-44.2 ft.	Penetration:	-38.2 ft.

	Elevation	Description / Material
Surveyed ==>	-6.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.7	-18.7	=====
		SC SAND/CLAY BEGIN JET
-15.2	-21.2	=====
		SC SAND/CLAY NO REFUSAL
-38.2	-44.2	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,259,639	Northing(NAD83):	13,799,959
Hole Number:	ECP-2013-A			Freeboard:	6.5
Time:	15:09			Tide:	0.37
Sounding Depth:	-6.3	Bottom of Probe:	-45.1 ft.	Penetration:	-38.8 ft.

	Elevation	Description / Material
Surveyed ==>	-6.3	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.3	-18.6	=====
		SC SAND/CLAY BEGIN JET
-16.3	-22.6	=====
		SA SAND JET
-27.8	-34.1	=====
		SC SAND/CLAY NO REFUSAL
-38.8	-45.1	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,109	Northing(NAD83):	13,800,186
Hole Number:	ECP-2014-A			Freeboard:	7.5
Time:	15:24			Tide:	0.28
Sounding Depth:	-6.6	Bottom of Probe:	-44.2 ft.	Penetration:	-37.7 ft.

	Elevation	Description / Material
Surveyed ==>	-6.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.7	-19.2	=====
		SA SAND -
-13.7	-20.2	=====
		SC SAND/CLAY BEGIN JET
-15.7	-22.2	=====
		SC SAND/CLAY NO REFUSAL
-37.7	-44.2	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,260,980	Northing(NAD83):	13,800,692
Hole Number:	ECP-2011-A			Freeboard:	7
Time:	15:38			Tide:	0.34
Sounding Depth:	-7.2	Bottom of Probe:	-44.7 ft.	Penetration:	-37.5 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.2	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-10.0	-17.2	=====	
		SC	SAND/CLAY
-13.5	-20.7	=====	
		SC	SAND/CLAY BEGIN JET
-15.5	-22.7	=====	
		SC	SAND/CLAY NO REFUSAL
-37.5	-44.7	=====	

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,258,810	Northing(NAD83):	13,800,759
Hole Number:	ECP-2008-A			Freeboard:	8
Time:	15:57			Tide:	0.55
Sounding Depth:	-5.6	Bottom of Probe:	-43.5 ft.	Penetration:	-37.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-5.6	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-5.8	-11.5	=====	
		SC	SAND/CLAY BEGIN JET
-14.8	-20.5	=====	
		SC	SAND/CLAY JET
-30.8	-36.5	=====	
		SA	SAND NO REFUSAL
-37.8	-43.5	=====	

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.20.20	Easting(NAD83):	3,258,625	Northing(NAD83):	13,801,238
Hole Number:	ECP-2006-A			Freeboard:	7.5
Time:	16:12			Tide:	0.68
Sounding Depth:	-5.3	Bottom of Probe:	-38.8 ft.	Penetration:	-37.5 ft.

	Elevation	Description / Material
Surveyed ==>	-5.3	=====
Penetration Depth:		
-7.0	-12.3	WOR SURFICIAL SILT
		=====
-14.5	-19.8	SC SAND/CLAY BEGIN JET
		=====
-29.5	-34.8	SA/SH SAND/SHELL JET
		=====
-33.5	-38.8	SA/SH SAND/SHELL JET
		=====
-37.5	-42.8	SC SAND/CLAY REFUSAL
		=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,244	Northing(NAD83):	13,800,907
Hole Number:	ECP-2009-A			Freeboard:	7
Time:	8:37			Tide:	0.4
Sounding Depth:	-5.9	Bottom of Probe:	-40.6 ft.	Penetration:	-34.7 ft.

	Elevation	Description / Material
Surveyed ==>	-5.9	=====
Penetration Depth:		
-7.2	-13.1	WOR SURFICIAL SILT
		=====
-18.7	-24.6	CL SILT/CLAY -
		=====
-32.7	-38.6	SA SAND BEGIN JET
		=====
-34.7	-40.6	SA SAND REFUSAL
		=====

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,089	Northing(NAD83):	13,801,398
Hole Number:	ECP-2007-A			Freeboard:	9.5
Time:	9:51			Tide:	-0.09
Sounding Depth:	-5.6	Bottom of Probe:	-42.6 ft.	Penetration:	-37.0 ft.

	Elevation	Description / Material
Surveyed ==>	-5.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-7.5	-13.1	=====
		CL SILT/CLAY
-17.5	-23.1	=====
		SA SAND BEGIN JET
-35.0	-40.6	=====
		SA SAND NO REFUSAL
-37.0	-42.6	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,666	Northing(NAD83):	13,801,309
Hole Number:	ECP-2010-A			Freeboard:	8
Time:	10:10			Tide:	-0.03
Sounding Depth:	-6.2	Bottom of Probe:	-40. ft.	Penetration:	-33.8 ft.

	Elevation	Description / Material
Surveyed ==>	-6.2	=====
Penetration Depth:		WOR SURFICIAL SILT
-7.8	-14.0	=====
		CL SILT/CLAY
-15.8	-22.0	=====
		SA SAND BEGIN JET
-31.8	-38.0	=====
		SA SAND REFUSAL
-33.8	-40.0	=====

Character of Finish: REFUSAL IN SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,150	Northing(NAD83):	13,802,652
Hole Number:	ECP-2004-A			Freeboard:	8
Time:	10:31			Tide:	0.14
Sounding Depth:	-5.5	Bottom of Probe:	-41.9 ft.	Penetration:	-36.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-5.5	=====	
Penetration Depth:		WOR SURFICIAL SILT	
-6.8	-12.4	=====	
		SA SAND	
-10.3	-15.9	=====	
		CL SILT/CLAY	BEGIN JET
-17.8	-23.4	=====	
		SA SAND	REFUSAL
-36.3	-41.9	=====	

Character of Finish:	REFUSAL IN SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,511	Northing(NAD83):	13,803,082
Hole Number:	ECP-2003-A			Freeboard:	7
Time:	10:48			Tide:	0.01
Sounding Depth:	-6.1	Bottom of Probe:	-39. ft.	Penetration:	-32.9 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.1	=====	
Penetration Depth:		WOR SURFICIAL SILT	
-5.9	-12.0	=====	
		SA SAND	BEGIN JET
-11.9	-18.0	=====	
		CL SILT/CLAY	REFUSAL
-32.9	-39.0	=====	

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,260,106	Northing(NAD83):	13,802,975
Hole Number:	ECP-2005-A			Freeboard:	6.5
Time:	11:01			Tide:	0.02
Sounding Depth:	-6.6	Bottom of Probe:	-43.5 ft.	Penetration:	-36.9 ft.

	Elevation	Description / Material
Surveyed ==>	-6.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-6.4	-13.0	=====
		SC SAND/CLAY BEGIN JET
-9.9	-16.5	=====
		SC SAND/CLAY REFUSAL
-36.9	-43.5	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,790	Northing(NAD83):	13,803,815
Hole Number:	ECP-2001-A			Freeboard:	7.5
Time:	11:30			Tide:	0
Sounding Depth:	-6.5	Bottom of Probe:	-44.5 ft.	Penetration:	-38.1 ft.

	Elevation	Description / Material
Surveyed ==>	-6.5	=====
Penetration Depth:		WOR SURFICIAL SILT
-6.1	-12.5	=====
		SC SAND/CLAY -
-8.1	-14.5	=====
		SH SHELL BEGIN JET
-24.1	-30.5	=====
		SA SAND NO REFUSAL
-38.1	-44.5	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.21.20	Easting(NAD83):	3,259,140	Northing(NAD83):	13,804,085
Hole Number:	ECP-2000-A			Freeboard:	6.5
Time:	11:45			Tide:	-0.08
Sounding Depth:	-5.7	Bottom of Probe:	-45.6 ft.	Penetration:	-39.9 ft.

	Elevation	Description / Material
Surveyed ==>	-5.7	=====
Penetration Depth:		
-6.4	-12.1	WOR SURFICIAL SILT =====
-9.9	-15.6	SA SAND BEGIN JET =====
-39.9	-45.6	CL SILT/CLAY NO REFUSAL =====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:		Driller:	
Location:		Engineer:	
		Vessel:	

Date:		Easting(NAD83):		Northing(NAD83):	
Hole Number:				Freeboard:	
Time:				Tide:	
Sounding Depth:		Bottom of Probe:		Penetration:	

	Elevation	Description / Material
Surveyed ==>		=====
Penetration Depth:		

Character of Finish:		DATUM:	
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,094	Northing(NAD83):	13,794,672
Hole Number:	ECP-2053-A			Freeboard:	9.5
Time:	9:21			Tide:	0.03
Sounding Depth:	-6.7	Bottom of Probe:	-27. ft.	Penetration:	-20.3 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.7	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-9.3	-16.0	=====	
		SH	SHELL
-12.8	-19.5	=====	
		SC/SH	SILT CLAY W/ SHELL
-14.3	-21.0	=====	BEGIN JET
		CL	SILT/CLAY
-20.3	-27.0	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,599	Northing(NAD83):	13,794,858
Hole Number:	ECP-2054-A			Freeboard:	7.5
Time:	10:04			Tide:	-0.16
Sounding Depth:	-7.3	Bottom of Probe:	-27.2 ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-8.8	-16.2	=====	
		CL	SILT/CLAY
-13.8	-21.2	=====	BEGIN JET
		CL	SILT/CLAY
-19.8	-27.2	=====	REFUSAL

Character of Finish: REFUSAL IN SILT/CLAY **DATUM:** MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,599	Northing(NAD83):	13,794,858
Hole Number:	ECP-2054-A			Freeboard:	7.5
Time:	10:04			Tide:	-0.16
Sounding Depth:	-7.3	Bottom of Probe:	-27.2 ft.	Penetration:	-19.8 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-8.8	-16.2	=====	
		CL	SILT/CLAY
-13.8	-21.2	=====	BEGIN JET
		CL	SILT/CLAY
-19.8	-27.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,056	Northing(NAD83):	13,795,036
Hole Number:	ECP-2055-A			Freeboard:	9
Time:	10:34			Tide:	-0.17
Sounding Depth:	-7.8	Bottom of Probe:	-21.7 ft.	Penetration:	-15.4 ft.

	Elevation	Description / Material	
Surveyed ==>	-7.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-6.9	-14.7	=====	
		SA	SAND
-9.4	-17.2	=====	-
		SC	SAND/CLAY
-11.4	-19.2	=====	
		CL	SILT/CLAY
-13.9	-21.7	=====	BEGIN JET
		CL	SILT/CLAY
-15.4	-23.2	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,521	Northing(NAD83):	13,795,204
Hole Number:	ECP-2056-A			Freeboard:	8.5
Time:	10:48			Tide:	-0.21
Sounding Depth:	-8.1	Bottom of Probe:	-28.7 ft.	Penetration:	-20.7 ft.

	Elevation	Description / Material
Surveyed ==>	-8.1	=====
Penetration Depth:		WOR SURFICIAL SILT
-8.2	-16.2	=====
		SC SAND/CLAY BEGIN JET
-16.7	-24.7	=====
		CL SILT/CLAY REFUSAL
-20.7	-28.7	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,984	Northing(NAD83):	13,795,402
Hole Number:	ECP-2057-A			Freeboard:	10
Time:	11:13			Tide:	-0.36
Sounding Depth:	-8.4	Bottom of Probe:	-33.9 ft.	Penetration:	-25.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.4	=====
Penetration Depth:		WOR SURFICIAL SILT
-10.0	-18.4	=====
		SC SAND/CLAY BEGIN JET
-15.0	-23.4	=====
		CL SILT/CLAY REFUSAL
-25.5	-33.9	=====

Character of Finish:	REFUSAL IN SILT/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,792	Northing(NAD83):	13,795,870
Hole Number:	ECP-2052-A			Freeboard:	10.5
Time:	11:28			Tide:	-0.34
Sounding Depth:	-8.3	Bottom of Probe:	-32.8 ft.	Penetration:	-24.5 ft.

	Elevation	Description / Material
Surveyed ==>	-8.3	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.5	-17.8	=====
		SC SAND/CLAY BEGIN JET
-14.5	-22.8	=====
		SC/SA SILT CLAY & SAND REFUSAL
-24.5	-32.8	=====

Character of Finish:	REFUSAL IN SILT CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,157	Northing(NAD83):	13,796,155
Hole Number:	ECP-2051-A			Freeboard:	10
Time:	11:41			Tide:	-0.37
Sounding Depth:	-7.9	Bottom of Probe:	-27.4 ft.	Penetration:	-19.5 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		WOR SURFICIAL SILT
-11.5	-19.4	=====
		SC SAND/CLAY BEGIN JET
-16.5	-24.4	=====
		SC SAND/CLAY REFUSAL
-19.5	-27.4	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,682	Northing(NAD83):	13,795,952
Hole Number:	ECP-2050-A			Freeboard:	9
Time:	11:51			Tide:	-0.39
Sounding Depth:	-7.6	Bottom of Probe:	-24.4 ft.	Penetration:	-16.8 ft.

	Elevation	Description / Material
Surveyed ==>	-7.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.3	-16.9	=====
		SC SAND/CLAY BEGIN JET
-15.3	-22.9	=====
		SC SAND/CLAY REFUSAL
-16.8	-24.4	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,217	Northing(NAD83):	13,795,795
Hole Number:	ECP-2049-A			Freeboard:	8.5
Time:	12:04			Tide:	-0.43
Sounding Depth:	-7.0	Bottom of Probe:	-23.9 ft.	Penetration:	-17.0 ft.

	Elevation	Description / Material
Surveyed ==>	-7.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.5	-16.4	=====
		SC SAND/CLAY BEGIN JET
-14.0	-20.9	=====
		SC SAND/CLAY REFUSAL
-17.0	-23.9	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,753	Northing(NAD83):	13,795,610
Hole Number:	ECP-2048-A			Freeboard:	9.5
Time:	12:47			Tide:	-0.44
Sounding Depth:	-4.4	Bottom of Probe:	-26.4 ft.	Penetration:	-22.1 ft.

	Elevation	Description / Material
Surveyed ==>	-4.4	=====
Penetration Depth:		WOR SURFICIAL SILT
-2.6	-6.9	=====
		SC SAND/CLAY BEGIN JET
-3.6	-7.9	=====
		SH SHELL (1' LAYER) JET
-11.6	-15.9	=====
		SC SAND/CLAY REFUSAL
-22.1	-26.4	=====

Character of Finish: REFUSAL IN SAND/CLAY DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,514	Northing(NAD83):	13,796,232
Hole Number:	ECP-2044-A			Freeboard:	11
Time:	13:03			Tide:	-0.49
Sounding Depth:	-4.1	Bottom of Probe:	-29.5 ft.	Penetration:	-25.4 ft.

	Elevation	Description / Material
Surveyed ==>	-4.1	=====
Penetration Depth:		WOR SURFICIAL SILT
-1.4	-5.5	=====
		SC SAND/CLAY BEGIN JET
-19.4	-23.5	=====
		SC/SA SILT CLAY & SAND REFUSAL
-25.4	-29.5	=====

Character of Finish: REFUSAL IN SILT CLAY & SAND DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,056	Northing(NAD83):	13,796,261
Hole Number:	ECP-2045-A			Freeboard:	9
Time:	13:14			Tide:	-0.52
Sounding Depth:	-7.0	Bottom of Probe:	-28. ft.	Penetration:	-21.1 ft.

	Elevation	Description / Material
Surveyed ==>	-7.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-8.6	-15.5	=====
		SC SAND/CLAY BEGIN JET
-18.6	-25.5	=====
		CL/SH CLAY W/ SHELL REFUSAL
-21.1	-28.0	=====

Character of Finish:	REFUSAL IN CLAY W/ SHELL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,517	Northing(NAD83):	13,796,448
Hole Number:	ECP-2046-A			Freeboard:	8.5
Time:	13:26			Tide:	-0.51
Sounding Depth:	-7.5	Bottom of Probe:	-31. ft.	Penetration:	-23.6 ft.

	Elevation	Description / Material
Surveyed ==>	-7.5	=====
Penetration Depth:		WOR SURFICIAL SILT
-8.6	-16.0	=====
		SC SAND/CLAY BEGIN JET
-16.6	-24.0	=====
		SC/SA SILT CLAY & SAND REFUSAL
-23.6	-31.0	=====

Character of Finish:	REFUSAL IN SILT CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,449	Northing(NAD83):	13,796,799
Hole Number:	ECP-2047-A			Freeboard:	9.5
Time:	13:37			Tide:	-0.5
Sounding Depth:	-8.0	Bottom of Probe:	-43. ft.	Penetration:	-35.0 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-12.0	-20.0	=====
		SC SAND/CLAY BEGIN JET
-18.5	-26.5	=====
		SA SAND NO REFUSAL
-35.0	-43.0	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,260	Northing(NAD83):	13,797,256
Hole Number:	ECP-2043-A			Freeboard:	9.5
Time:	13:50			Tide:	-0.56
Sounding Depth:	-8.0	Bottom of Probe:	-27.6 ft.	Penetration:	-35.1 ft.

	Elevation	Description / Material
Surveyed ==>	-8.0	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.6	-17.6	=====
		SA SAND -
-12.6	-20.6	=====
		SC SAND/CLAY -
-17.1	-25.1	=====
		SC SAND/CLAY BEGIN JET
-19.6	-27.6	=====
		SA SAND NO REFUSAL
-35.1	-43.1	=====

Character of Finish: REFUSAL IN NO REFUSAL DATUM: MLLW

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,780	Northing(NAD83):	13,797,082
Hole Number:	ECP-2042-A			Freeboard:	9
Time:	14:01			Tide:	-0.56
Sounding Depth:	-7.7	Bottom of Probe:	-43.6 ft.	Penetration:	-35.8 ft.

	Elevation	Description / Material
Surveyed ==>	-7.7	=====
Penetration Depth:		WOR SURFICIAL SILT
-11.8	-19.6	=====
		SC SAND/CLAY BEGIN JET
-14.8	-22.6	=====
		SA SAND JET
-31.8	-39.6	=====
		SA SAND NO REFUSAL
-35.8	-43.6	=====

Character of Finish:	REFUSAL IN NO REFUSAL	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,321	Northing(NAD83):	13,796,910
Hole Number:	ECP-2041-A			Freeboard:	8.5
Time:	14:13			Tide:	-0.5
Sounding Depth:	-7.5	Bottom of Probe:	-26. ft.	Penetration:	-27.0 ft.

	Elevation	Description / Material
Surveyed ==>	-7.5	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.5	-17.0	=====
		SA SAND -
-11.5	-19.0	=====
		SC SAND/CLAY -
-13.5	-21.0	=====
		SC SAND/CLAY BEGIN JET
-18.5	-26.0	=====
		SC SAND/CLAY REFUSAL
-27.0	-34.5	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
-----------------------------	----------------------	---------------	------

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,850	Northing(NAD83):	13,796,723
Hole Number:	ECP-2040-A			Freeboard:	9
Time:	14:26			Tide:	-0.51
Sounding Depth:	-6.8	Bottom of Probe:	-29. ft.	Penetration:	-22.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-6.8	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-8.7	-15.5	=====	
		SA	SAND
-14.7	-21.5	=====	
		SC	SAND/CLAY
-19.2	-26.0	=====	BEGIN JET
		SC	SAND/CLAY
-22.2	-29.0	=====	REFUSAL

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,379	Northing(NAD83):	13,796,643
Hole Number:	ECP-2039-A			Freeboard:	10.5
Time:	14:39			Tide:	-0.46
Sounding Depth:	-3.3	Bottom of Probe:	-30.5 ft.	Penetration:	-27.2 ft.

	Elevation	Description / Material	
Surveyed ==>	-3.3	=====	
Penetration Depth:		WOR	SURFICIAL SILT
-2.2	-5.5	=====	
		SC	SAND/CLAY
-14.7	-18.0	=====	BEGIN JET
		SC/SA	SILT CLAY & SAND
-27.2	-30.5	=====	REFUSAL

Character of Finish:	REFUSAL IN SILT CLAY & SAND	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,221	Northing(NAD83):	13,797,019
Hole Number:	ECP-2034-A			Freeboard:	13
Time:	14:53			Tide:	-0.43
Sounding Depth:	-2.6	Bottom of Probe:	-30.9 ft.	Penetration:	-28.4 ft.

	Elevation	Description / Material
Surveyed ==>	-2.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-0.4	-2.9	=====
		SA SAND BEGIN JET
-0.9	-3.4	=====
		SC/SA SILT CLAY & SAND REFUSAL
-28.4	-30.9	=====

Character of Finish:	REFUSAL IN SILT CLAY & SAND	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,260,698	Northing(NAD83):	13,797,220
Hole Number:	ECP-2035-A			Freeboard:	9
Time:	15:08			Tide:	-0.38
Sounding Depth:	-6.9	Bottom of Probe:	-41.4 ft.	Penetration:	-34.5 ft.

	Elevation	Description / Material
Surveyed ==>	-6.9	=====
Penetration Depth:		WOR SURFICIAL SILT
-10.5	-17.4	=====
		SC SAND/CLAY BEGIN JET
-17.5	-24.4	=====
		SA/SH SAND/SHELL REFUSAL
-34.5	-41.4	=====

Character of Finish:	REFUSAL IN SAND/SHELL	DATUM:	MLLW
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Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,121	Northing(NAD83):	13,797,424
Hole Number:	ECP-2036-A			Freeboard:	10
Time:	15:20			Tide:	-0.34
Sounding Depth:	-7.3	Bottom of Probe:	-37.3 ft.	Penetration:	-30.0 ft.

	Elevation	Description / Material
Surveyed ==>	-7.3	=====
Penetration Depth:		WOR SURFICIAL SILT
-11.5	-18.8	=====
		SC SAND/CLAY BEGIN JET
-17.0	-24.3	=====
		SC SAND/CLAY REFUSAL
-30.0	-37.3	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,261,636	Northing(NAD83):	13,797,572
Hole Number:	ECP-2037-A			Freeboard:	10.5
Time:	15:36			Tide:	-0.27
Sounding Depth:	-7.6	Bottom of Probe:	-31.8 ft.	Penetration:	-24.2 ft.

	Elevation	Description / Material
Surveyed ==>	-7.6	=====
Penetration Depth:		WOR SURFICIAL SILT
-9.7	-17.3	=====
		SC SAND/CLAY BEGIN JET
-23.7	-31.3	=====
		SC SAND/CLAY REFUSAL
-24.2	-31.8	=====

Character of Finish:	REFUSAL IN SAND/CLAY	DATUM:	MLLW
-----------------------------	----------------------	---------------	------

Project:	HSC-ECIP-PED	Driller:	DAS
Location:	M11	Engineer:	JRB, JWB, NM
		Vessel:	"Shallow Draft 11"

Date:	01.24.20	Easting(NAD83):	3,262,082	Northing(NAD83):	13,797,735
Hole Number:	ECP-2038-A			Freeboard:	9
Time:	15:49			Tide:	-0.28
Sounding Depth:	-7.9	Bottom of Probe:	-29.8 ft.	Penetration:	-21.9 ft.

	Elevation	Description / Material
Surveyed ==>	-7.9	=====
Penetration Depth:		
-11.4	-19.3	WOR SURFICIAL SILT
		=====
-13.4	-21.3	SA SAND
		=====
-19.4	-27.3	SC SAND/CLAY BEGIN JET
		=====
-21.9	-29.8	SC SAND/CLAY REFUSAL
		=====

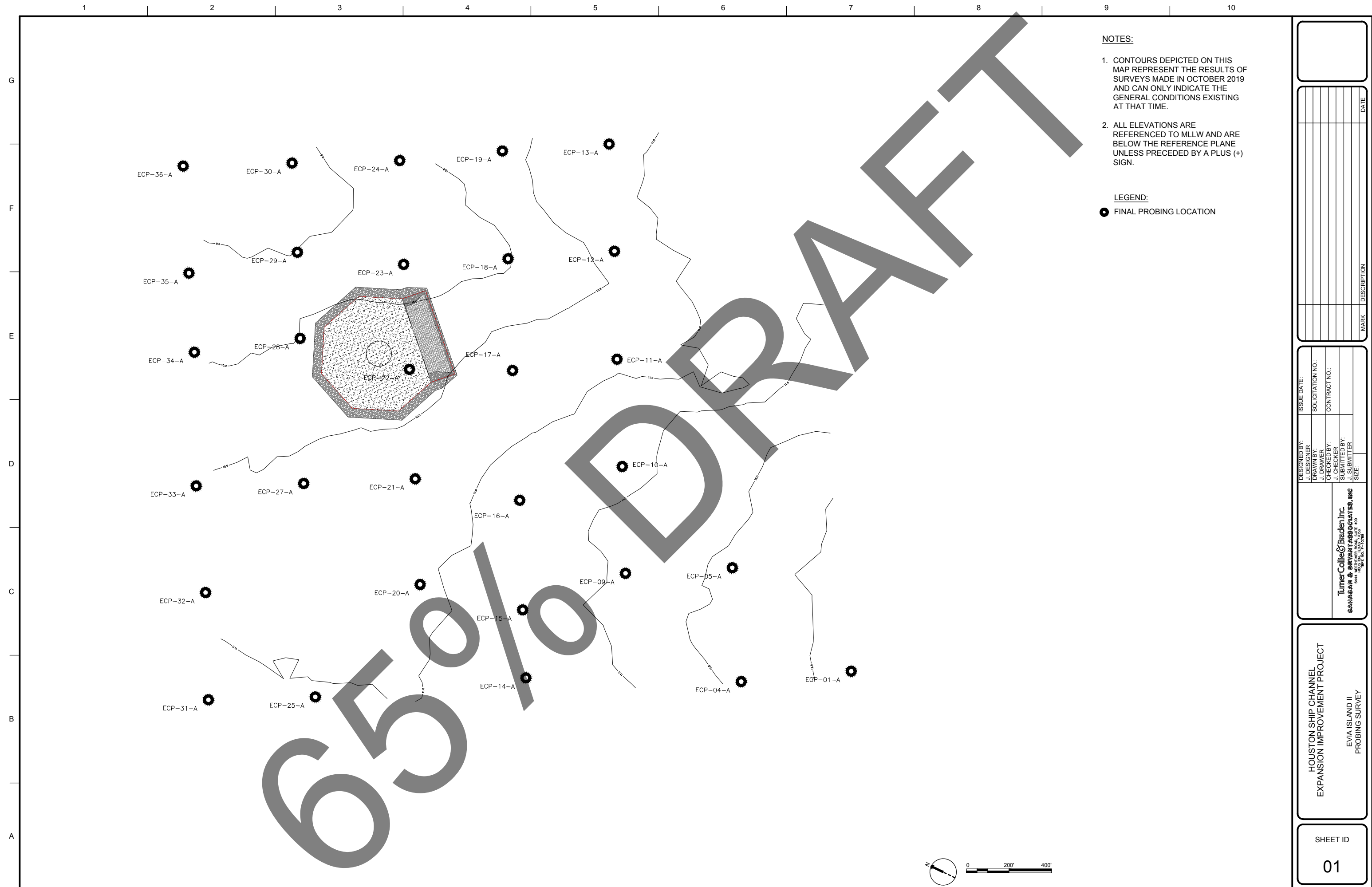
Character of Finish: REFUSAL IN SAND/CLAY **DATUM:** MLLW

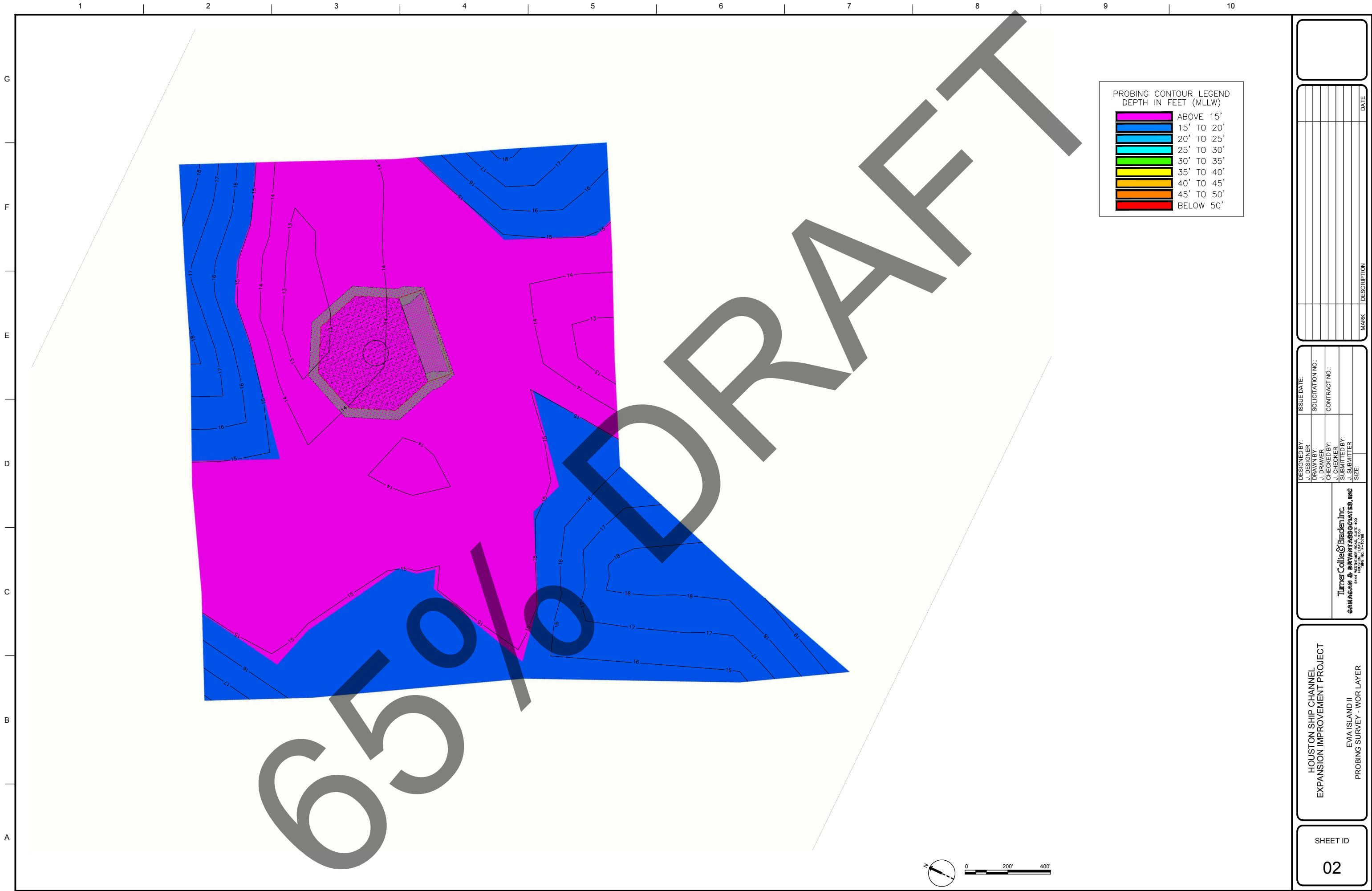
Project:	Driller:
Location:	Engineer:
	Vessel:

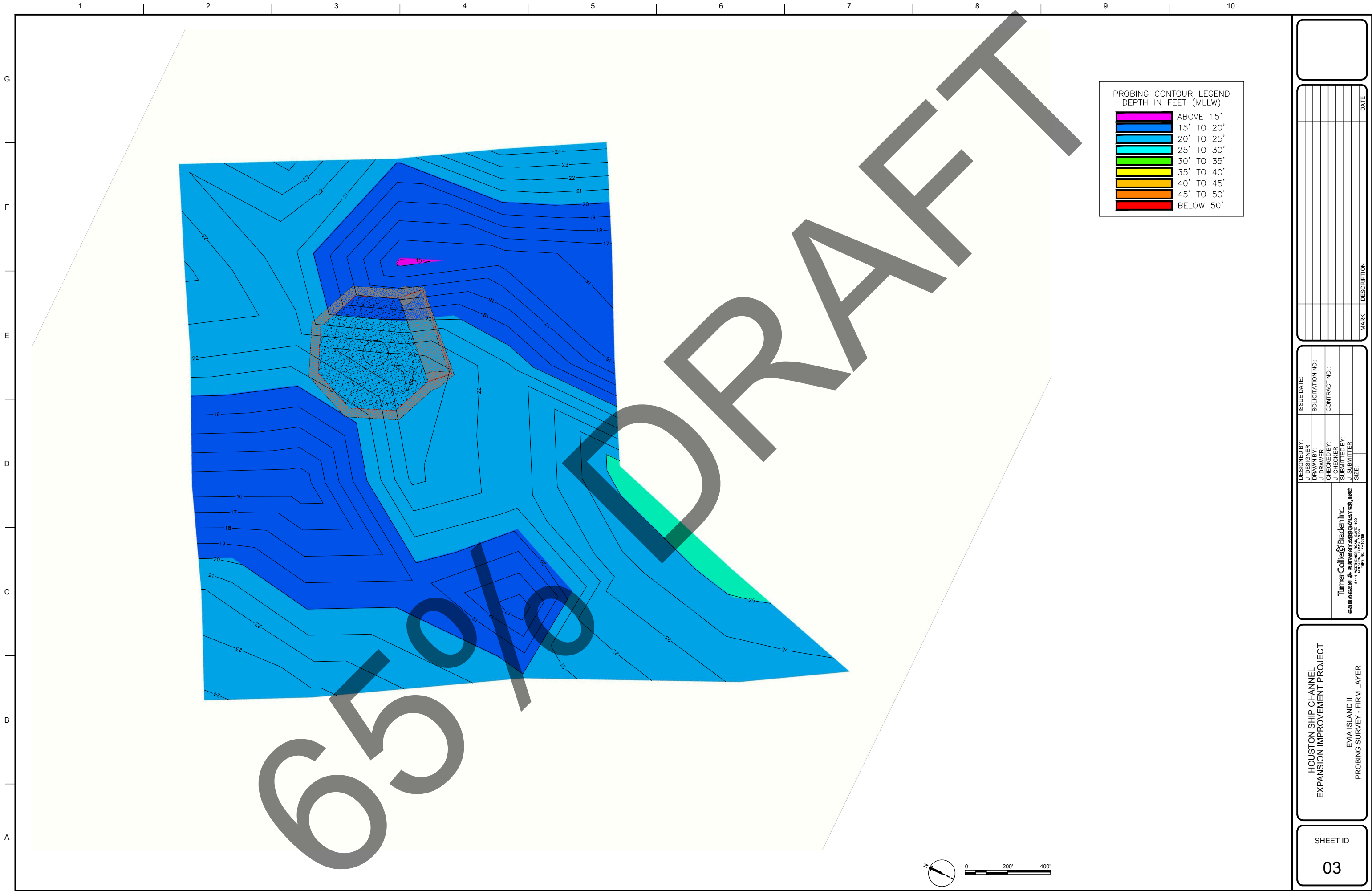
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Hole Number:		Freeboard:
Time:		Tide:
Sounding Depth:	Bottom of Probe:	Penetration:

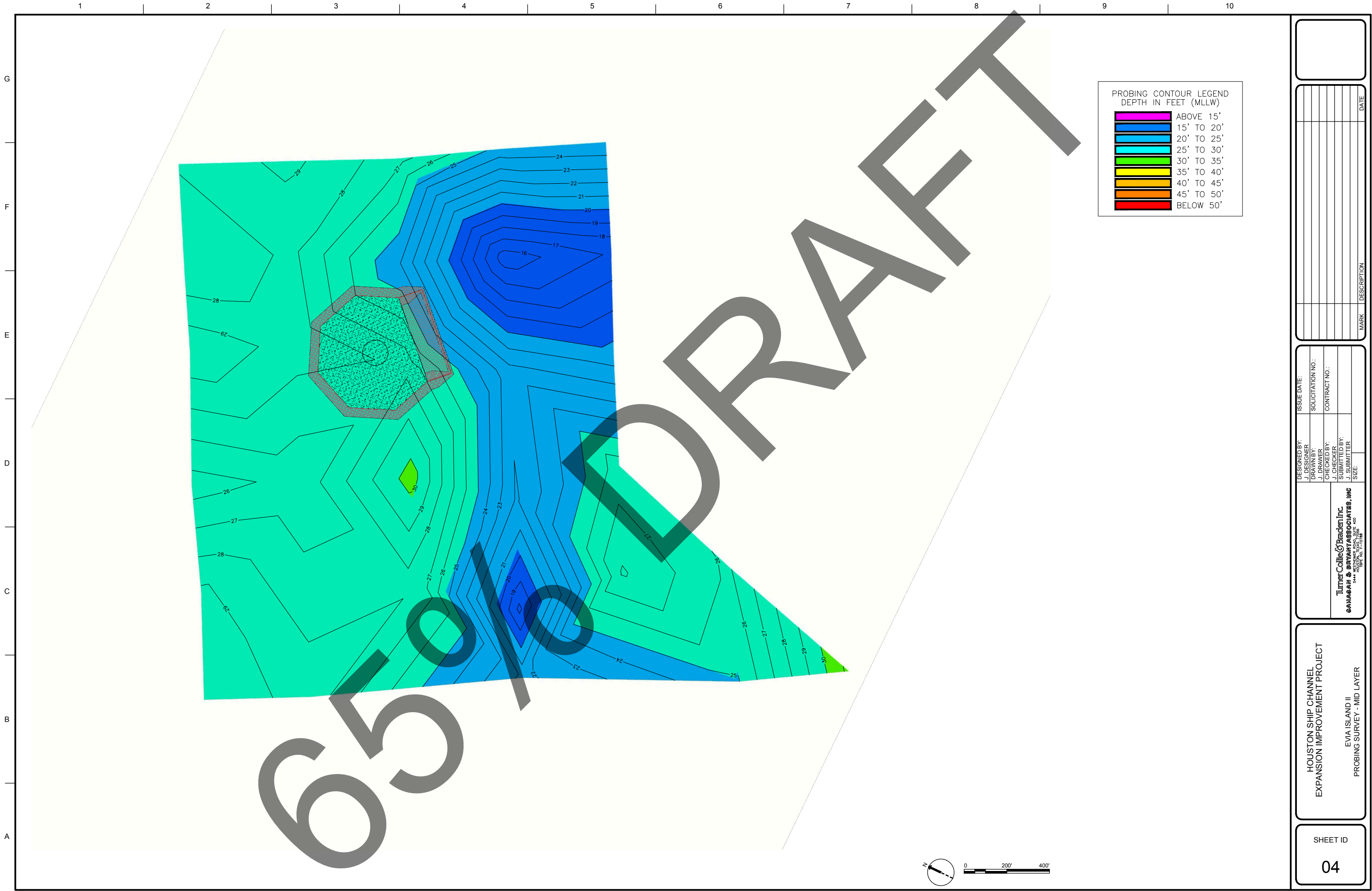
	Elevation	Description / Material
Surveyed ==>		=====
Penetration Depth:		

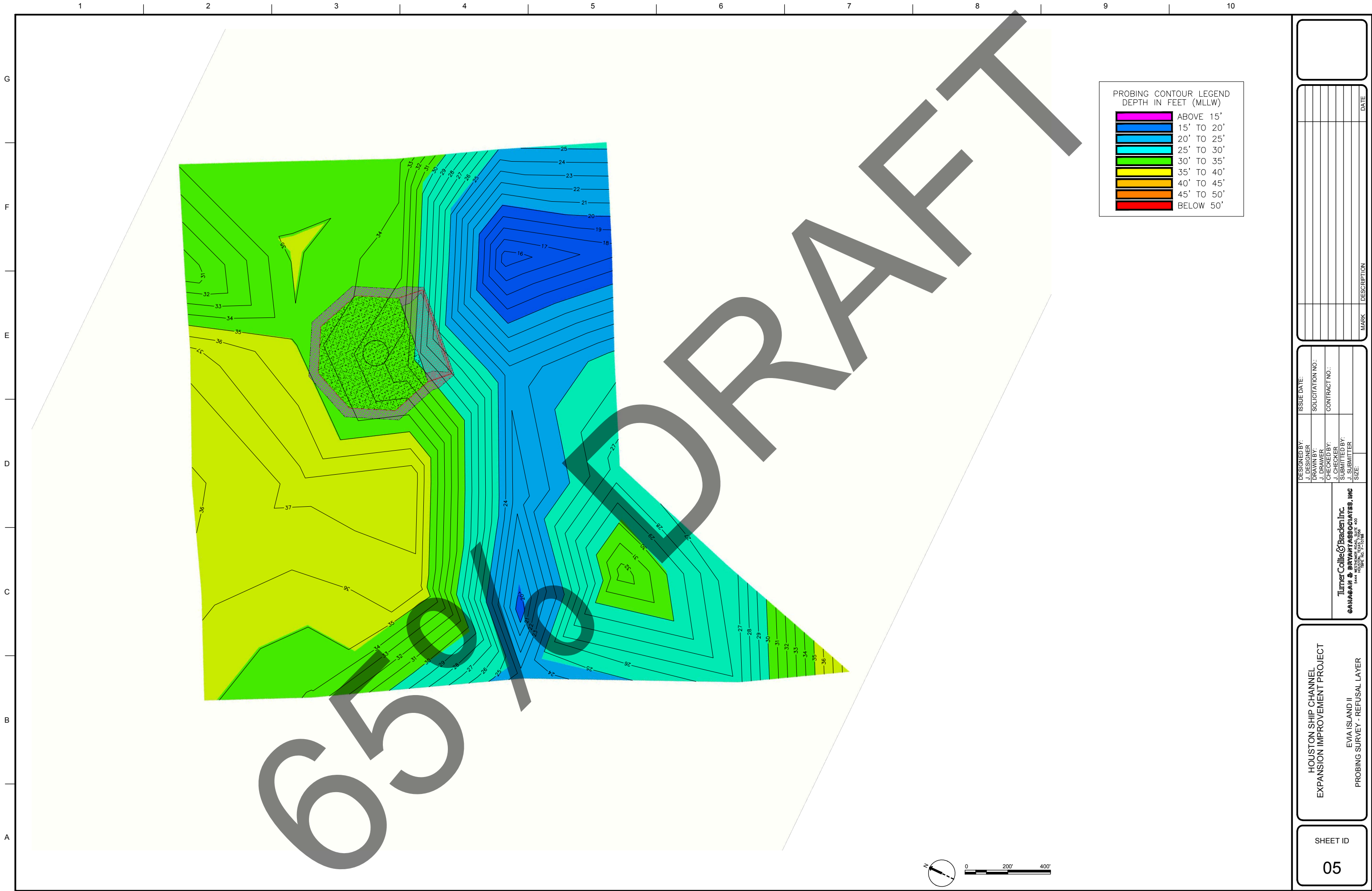
Character of Finish: **DATUM:**

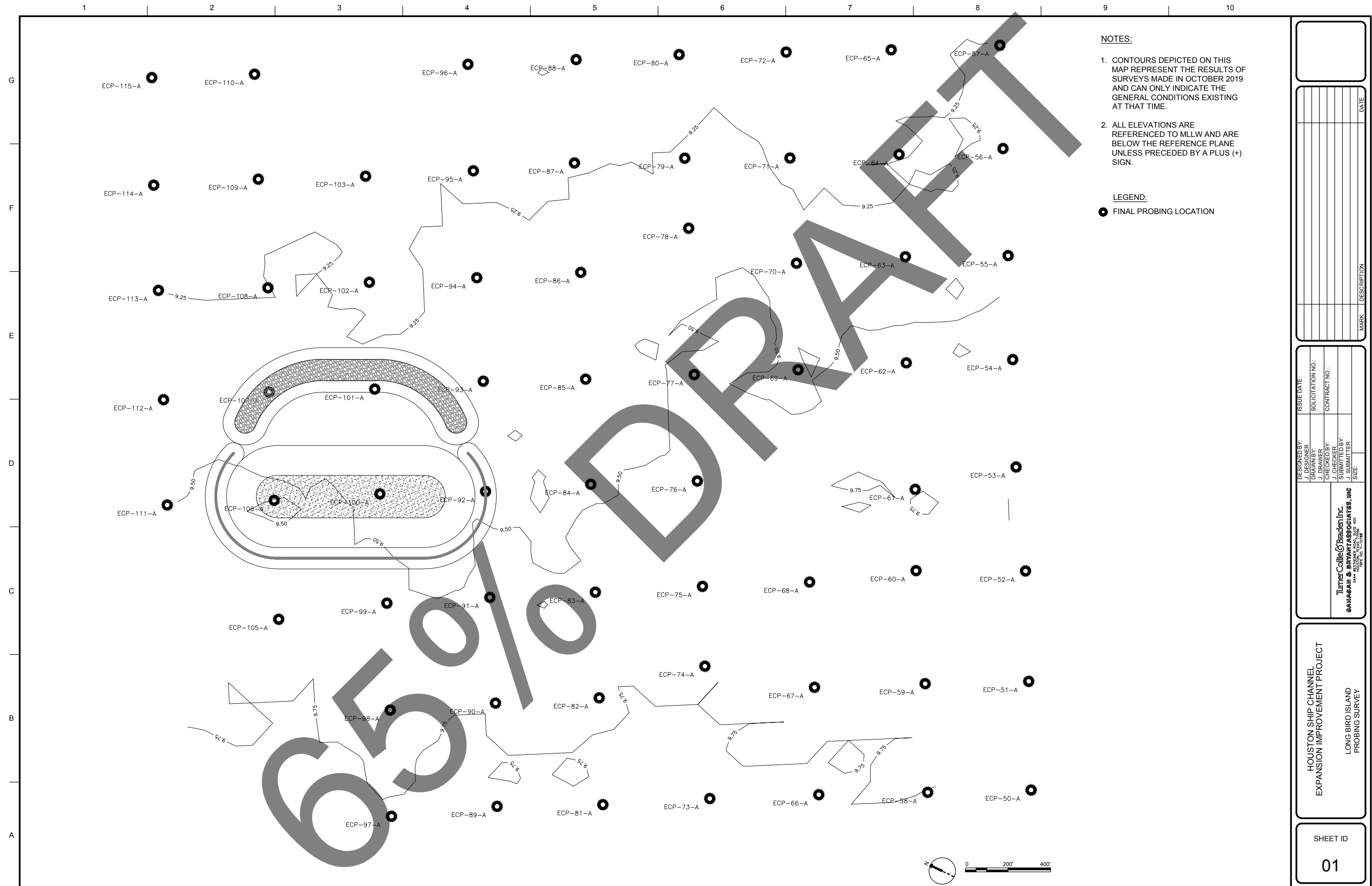


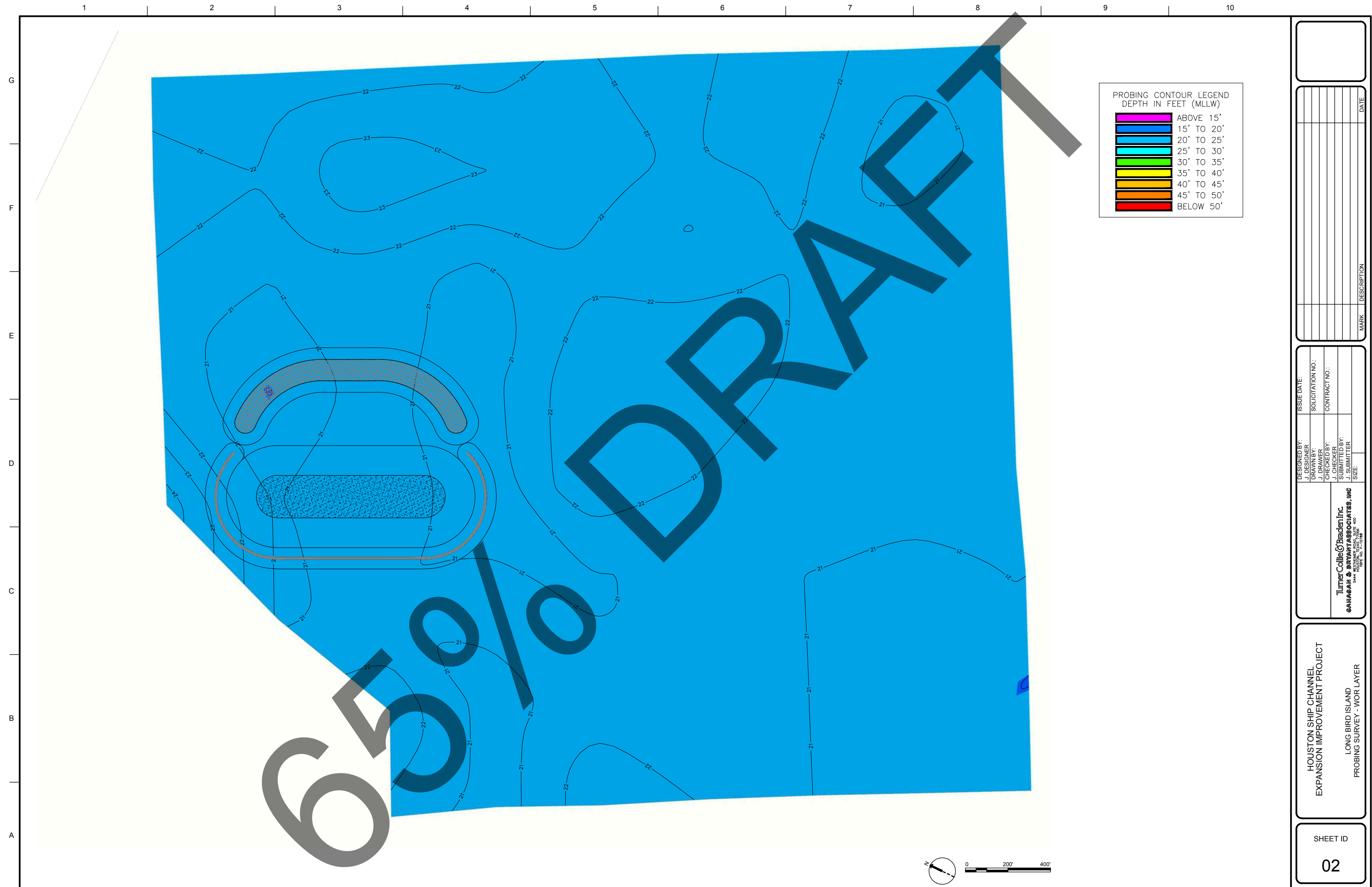










HOUSTON SHIP CHANNEL
EXPANSION IMPROVEMENT PROJECT

LONG BIRD ISLAND
PROBING SURVEY - WOR LAYER

SHEET ID

02

DESIGNED BY: _____ ISSUE DATE: _____

DESIGNED BY:

J. DESIGNER
DRAWN BY:

CHECKED BY:

SUBMITTED BY:

SIZE:	
-------	--

ISSUE DATE: _____

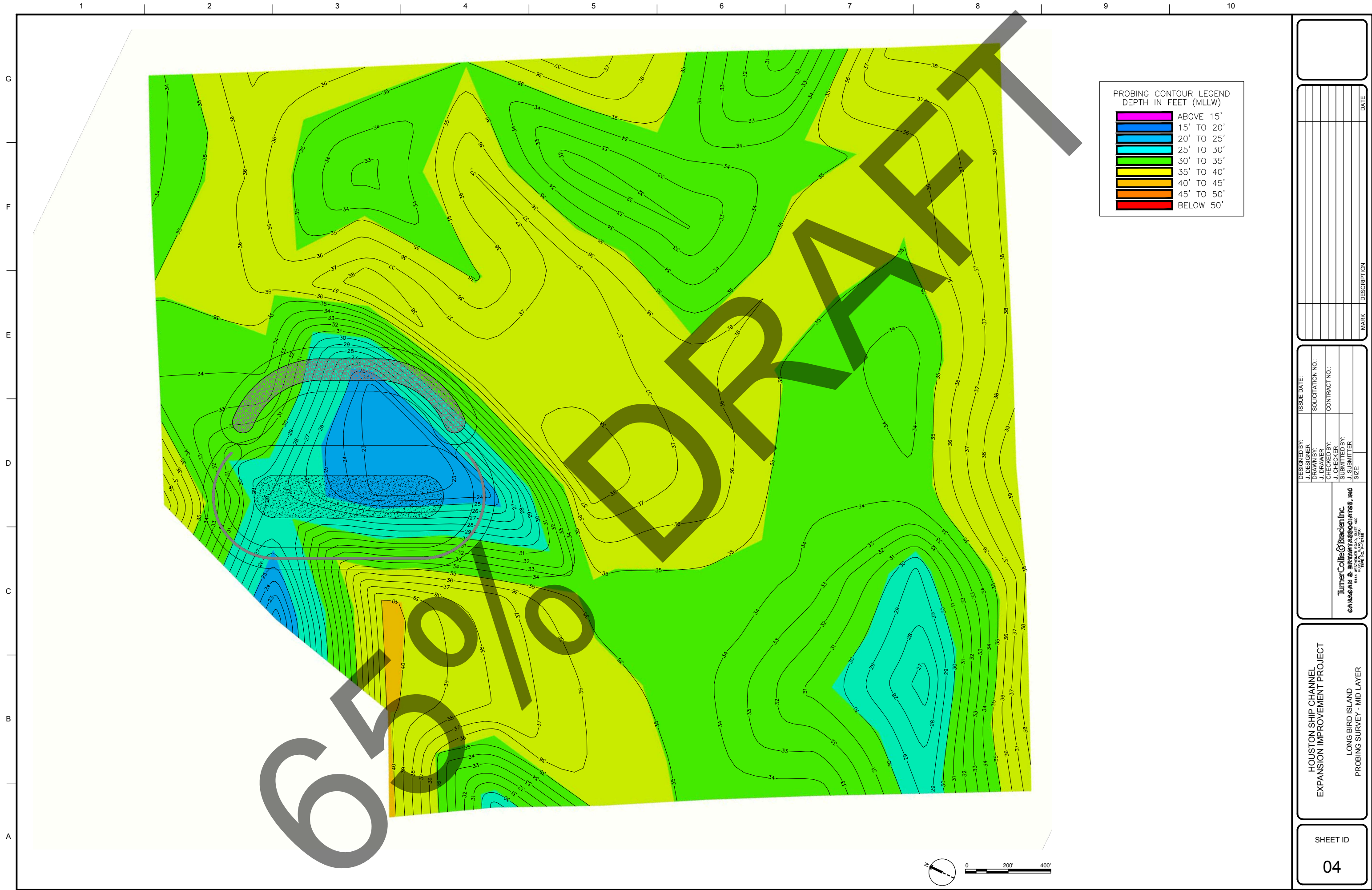
SOLICITATION NO.: _____

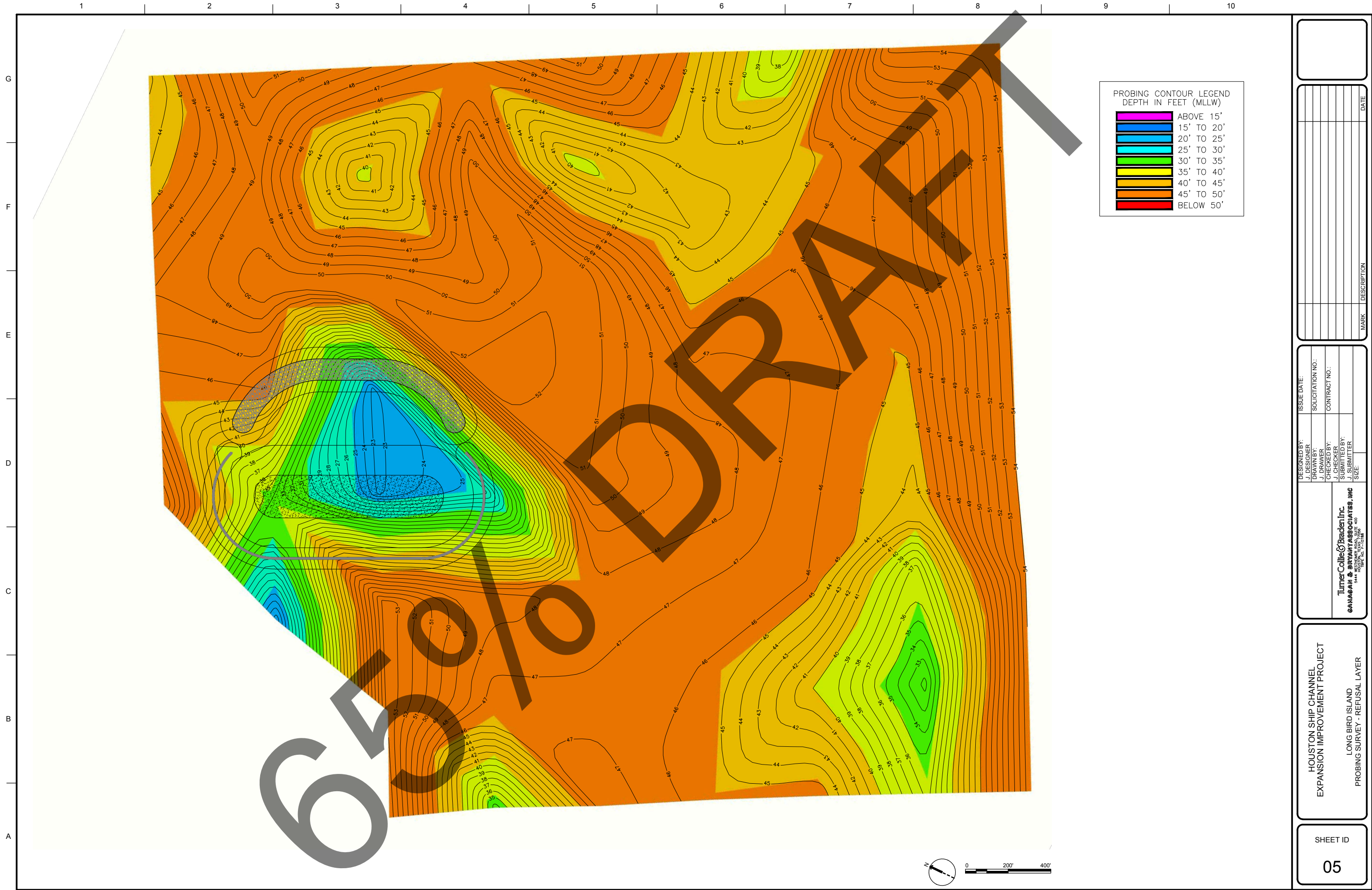
SOLICITATION NO.:

CONTRACT NO.:

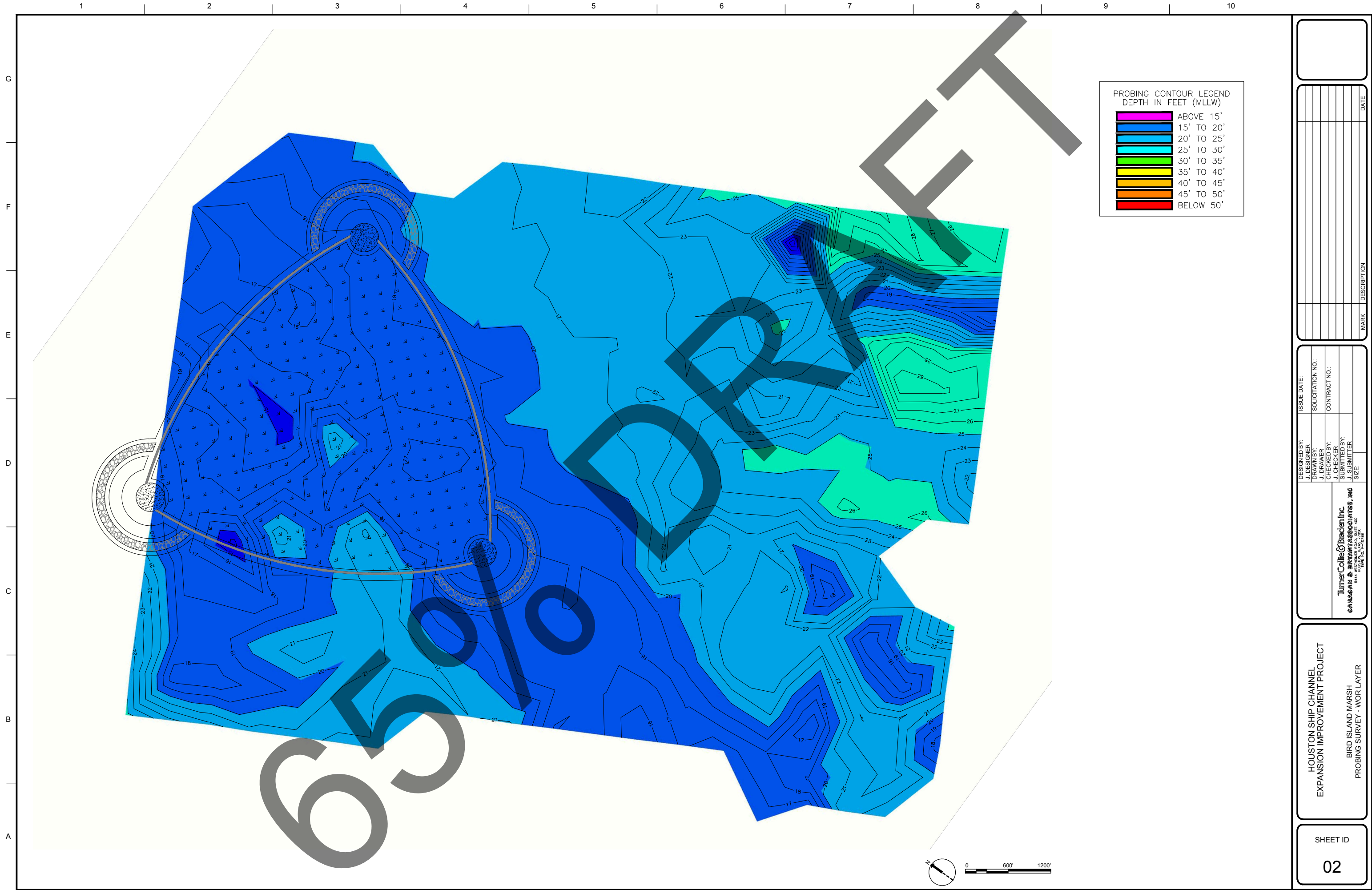
Turner Collier & Braden Inc.
SEANAGAN & BRYANT ASSOCIATES, INC.
5444 WESTHEIMER ROAD, SUITE 400
HOUSTON, TEXAS 77056

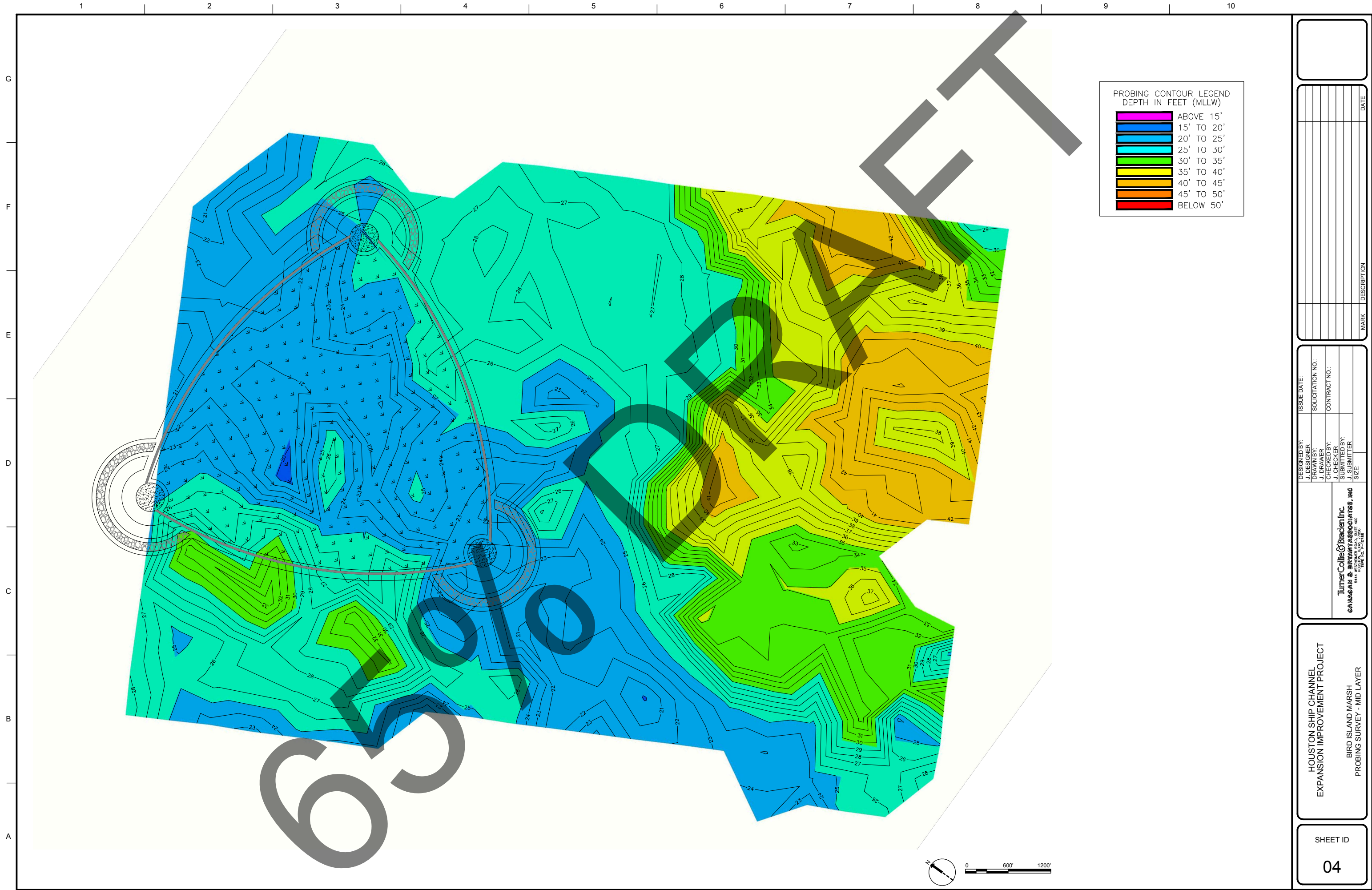


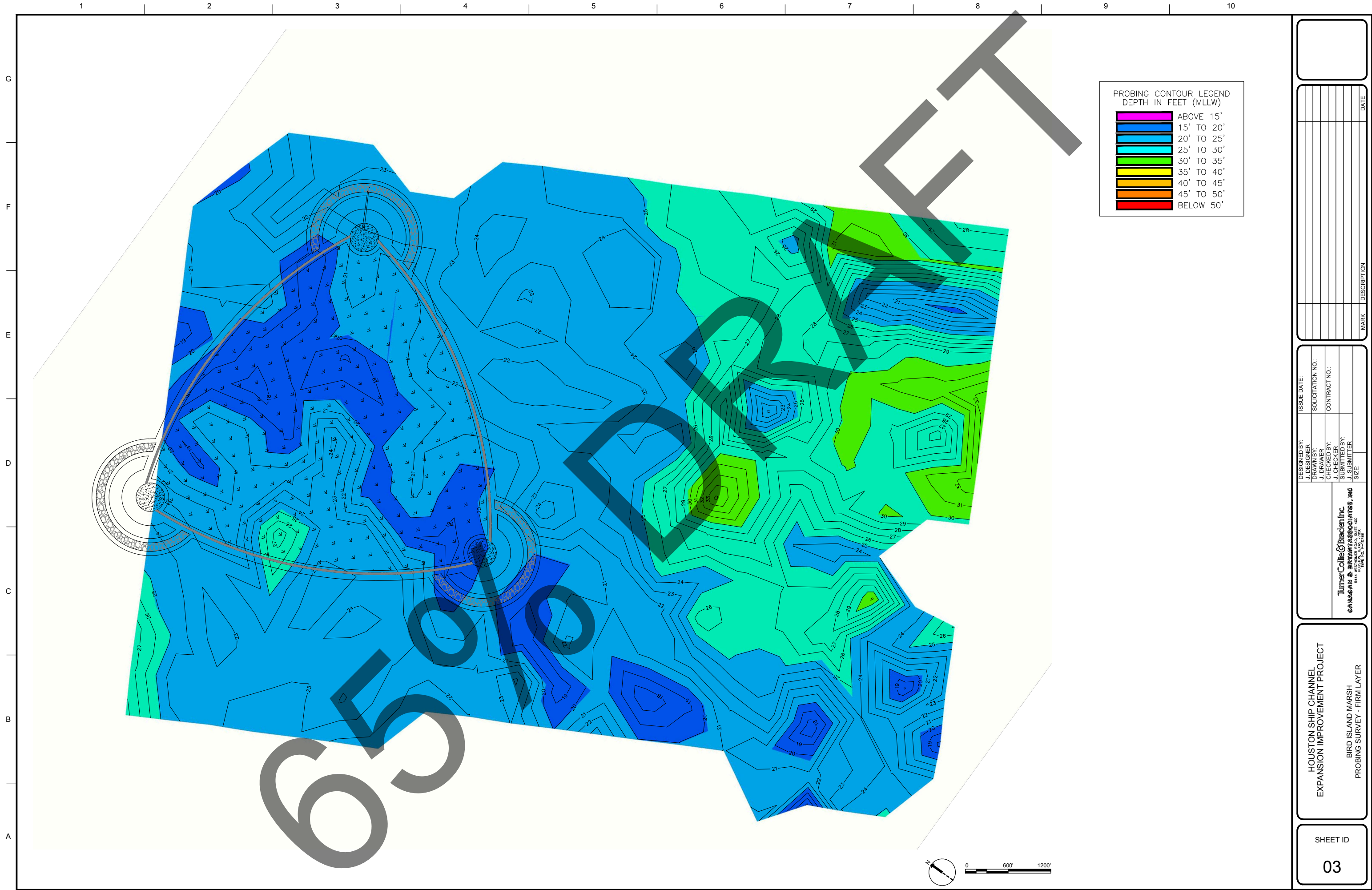


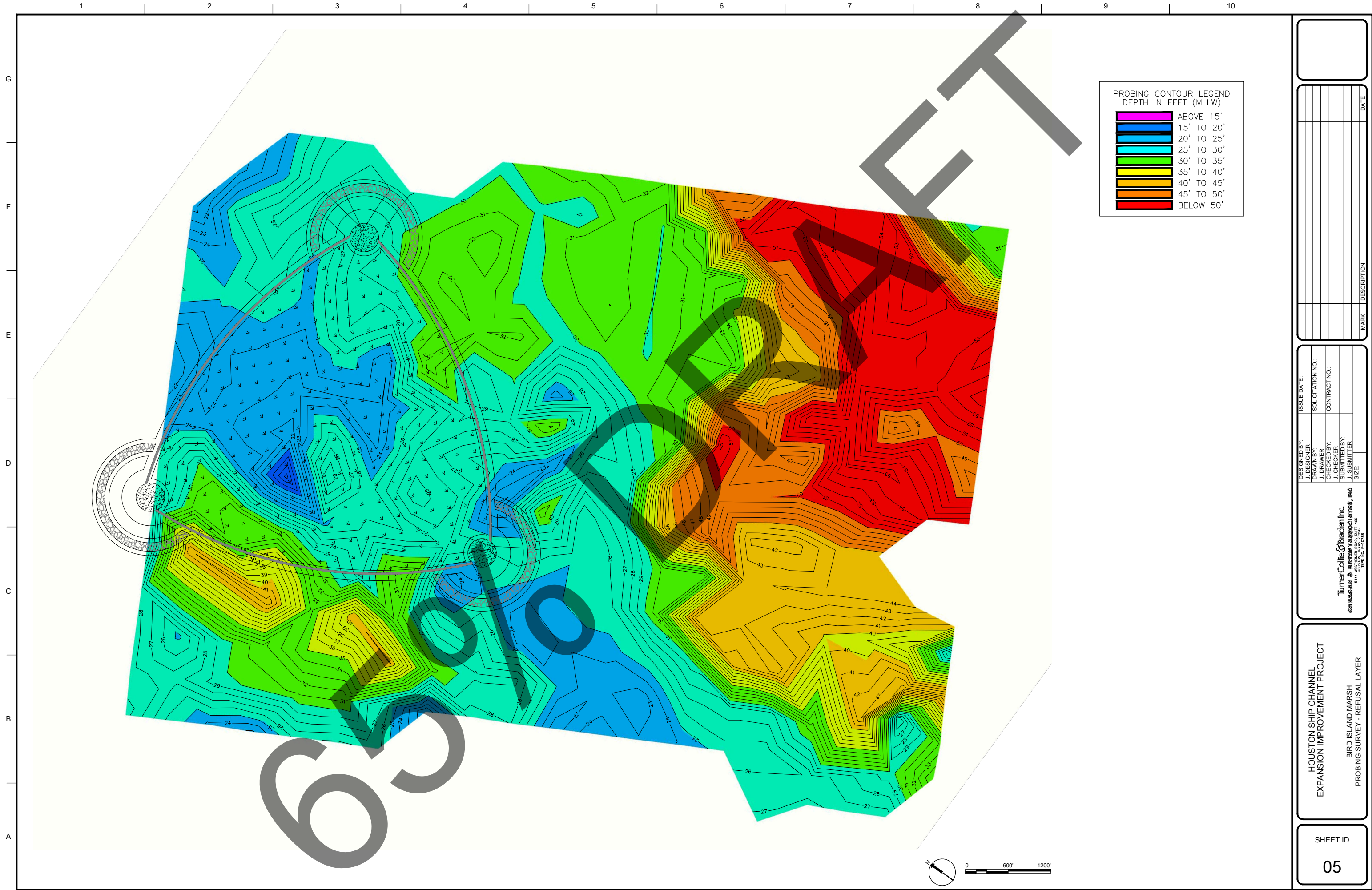


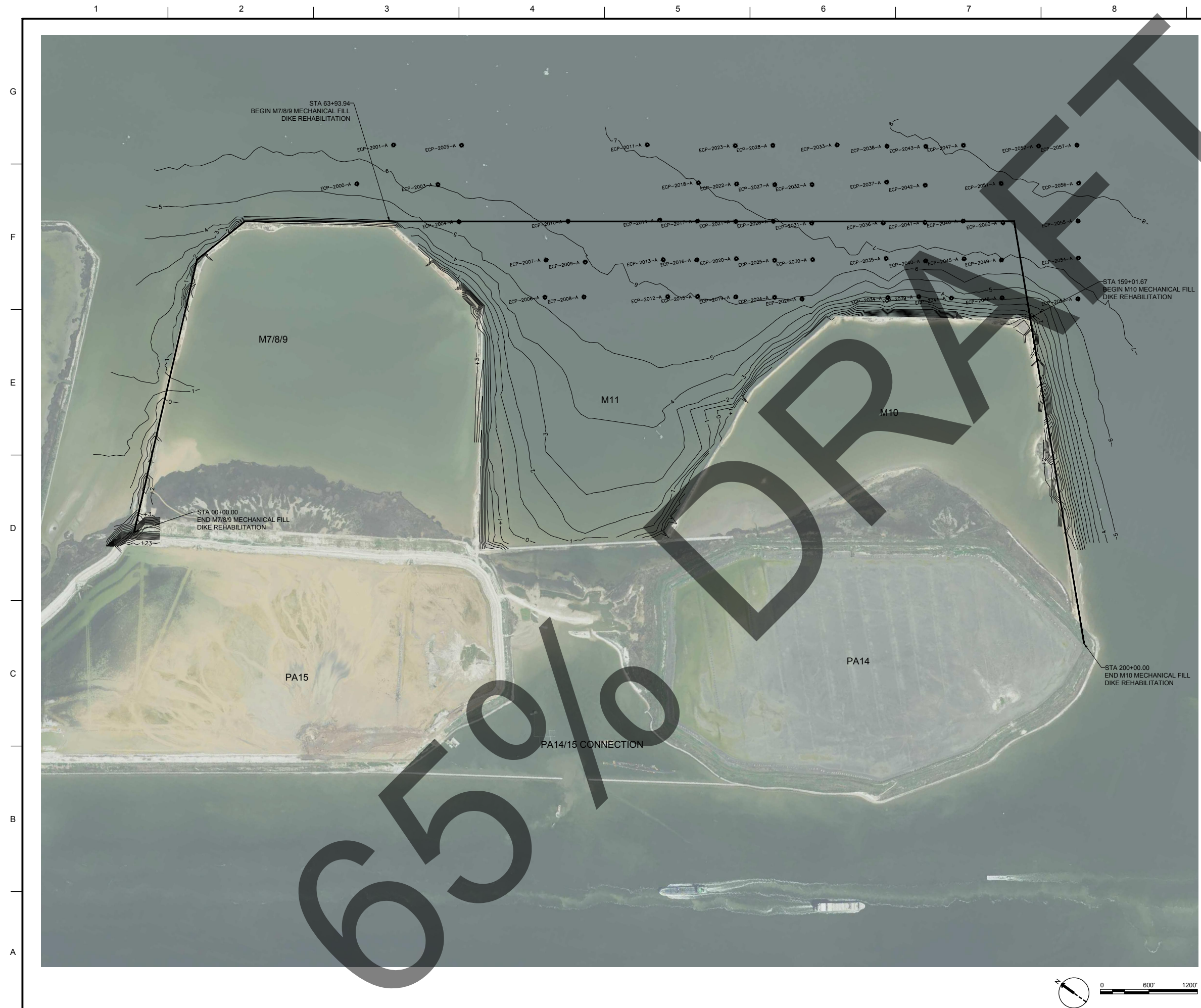












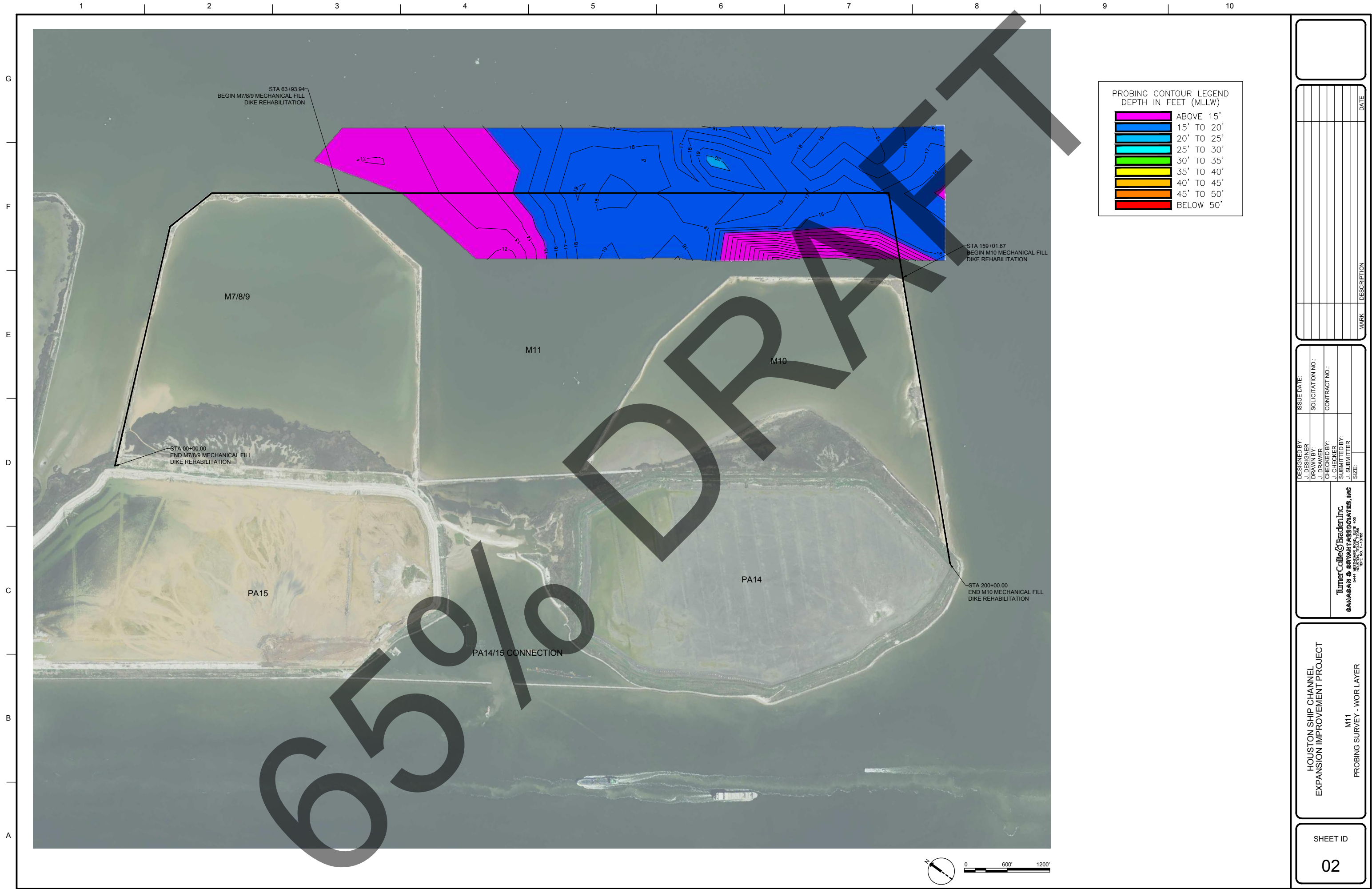
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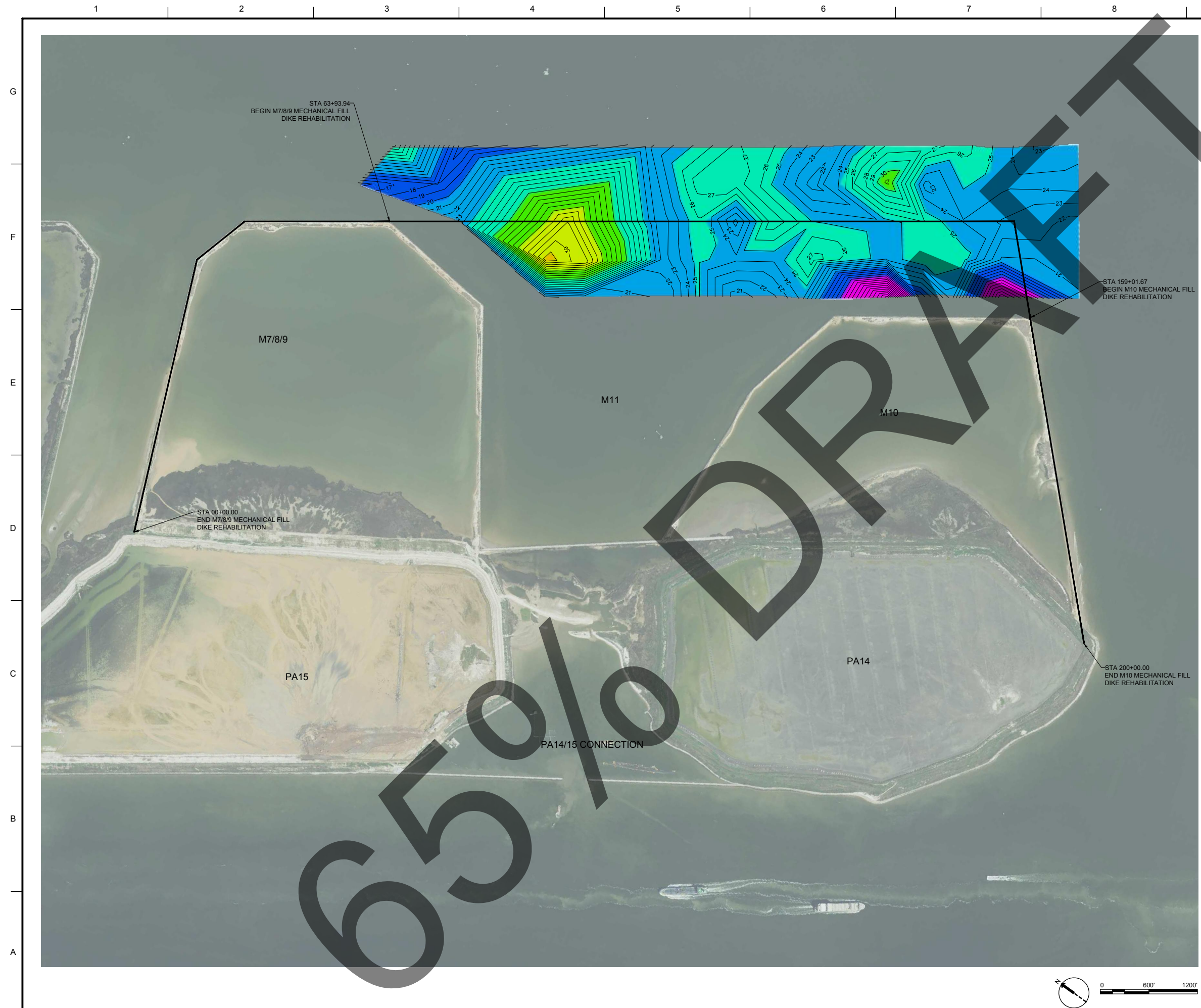
1. CONTOURS DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE IN NOVEMBER & DECEMBER 2019 AND CAN ONLY INDICATE THE GENERAL CONDITIONS EXISTING AT THAT TIME.
2. ALL ELEVATIONS ARE REFERENCED TO MLLW AND ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A PLUS (+) SIGN.

LEGEND:

- FINAL PROBING LOCATION

[illegible]





PROBING CONTOUR LEGEND
DEPTH IN FEET (MLLW)

	ABOVE 15'
	15' TO 20'
	20' TO 25'
	25' TO 30'
	30' TO 35'
	35' TO 40'
	40' TO 45'
	45' TO 50'
	BELOW 50'

[illegible]

Turner Collette & Braden Inc. SANAGAN & BRADEN ASSOCIATES, INC. 5444 WESTMEADE DR., SUITE 400 FORT WORTH, TEXAS 76136 (817) 335-1226 (817) 335-1228	DESIGNED BY:	ISSUE DATE:
	DRAWN BY: J. DRAWIER CHECKED BY: J. CHECKER SUBMITTED BY: J. SUBMITTER SIZE:	SOLICITATION NO.: CONTRACT NO.:

HOUSTON SHIP CHANNEL
EXPANSION IMPROVEMENT PROJECT

M11

PROBING SURVEY - FIRM LAYER

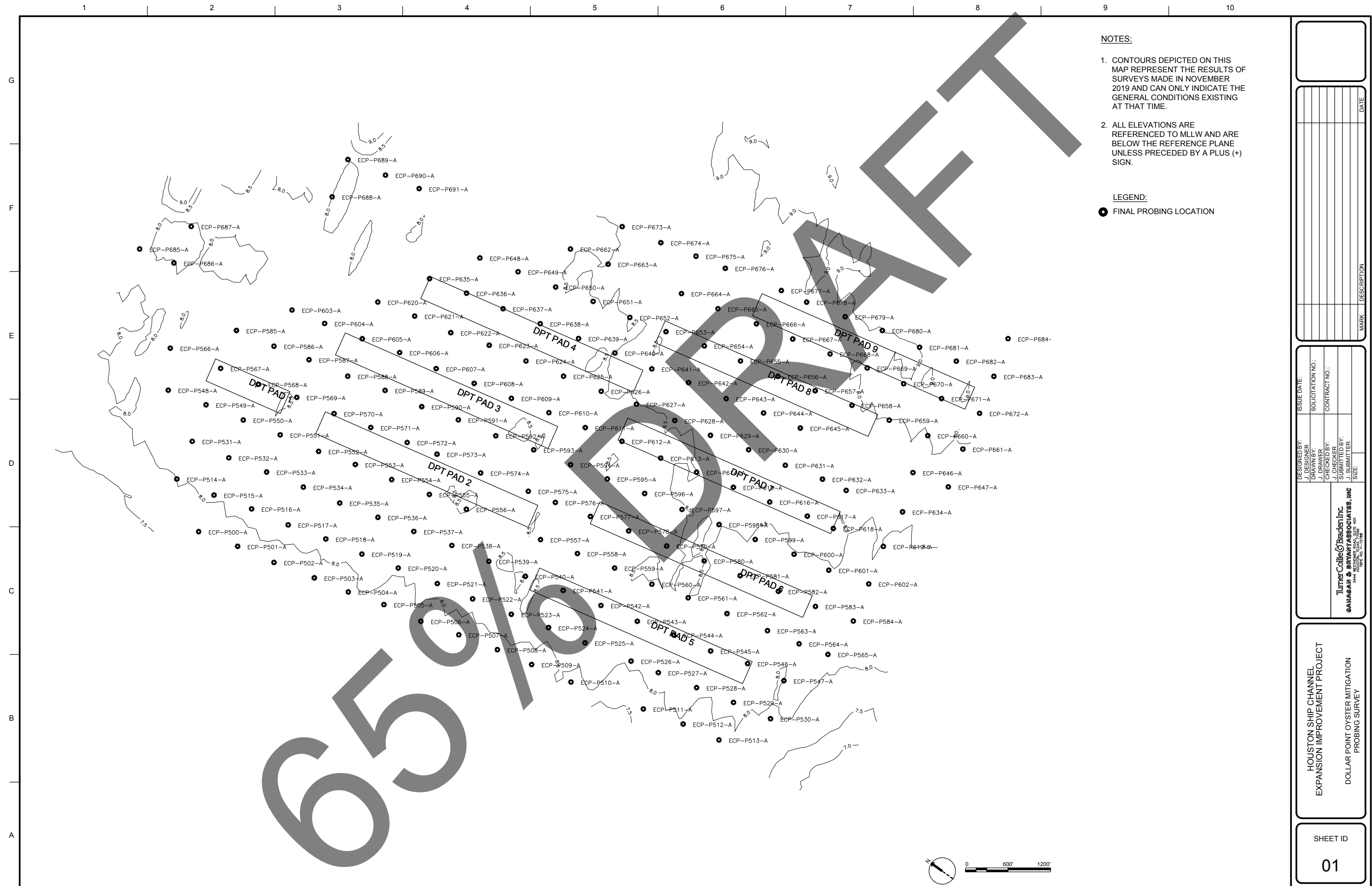
SHEET ID
03



PROBING CONTOUR LEGEND
DEPTH IN FEET (MLLW)

	ABOVE 15'
	15' TO 20'
	20' TO 25'
	25' TO 30'
	30' TO 35'
	35' TO 40'
	40' TO 45'
	45' TO 50'
	BELOW 50'

[illegible]

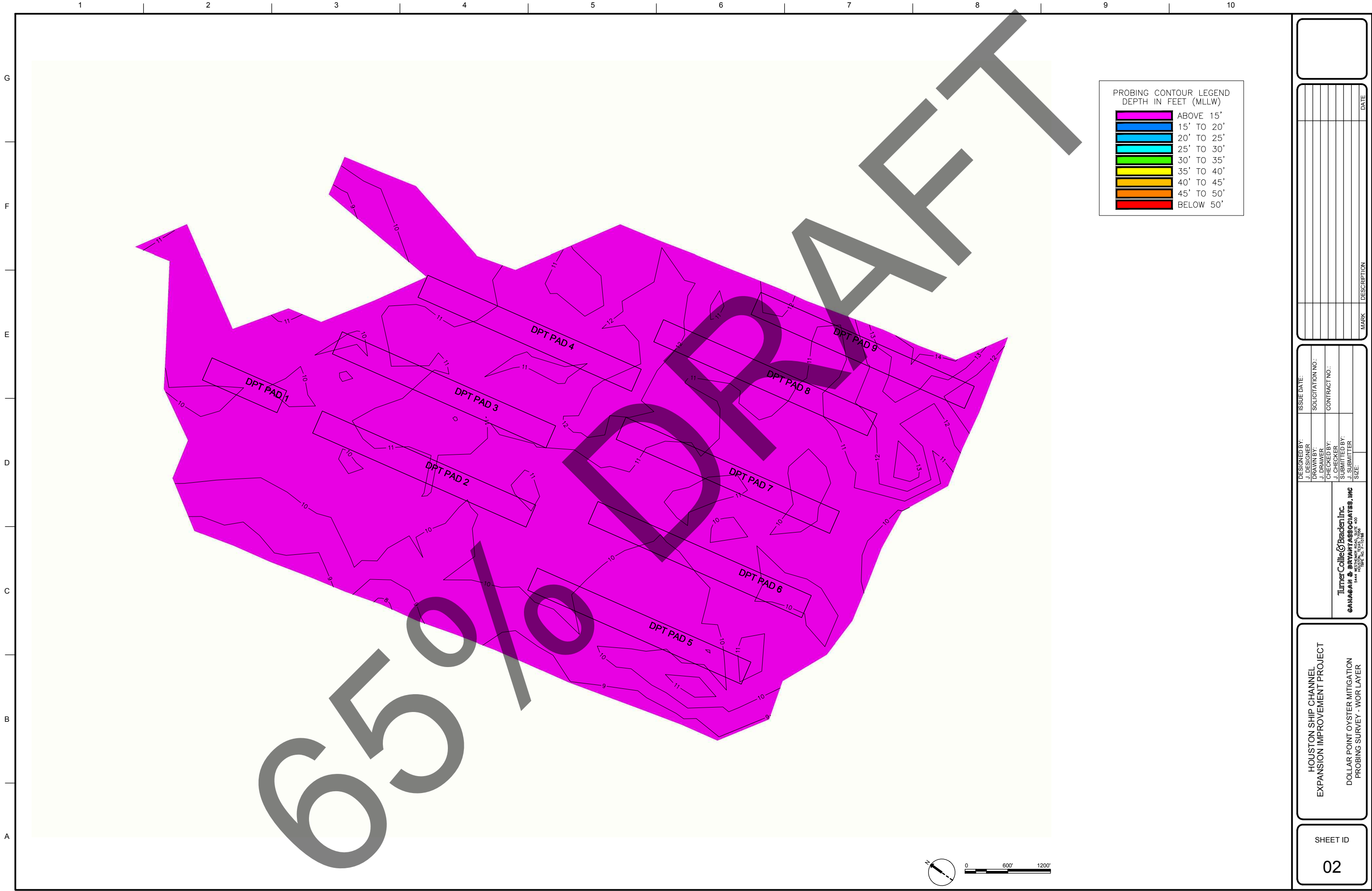


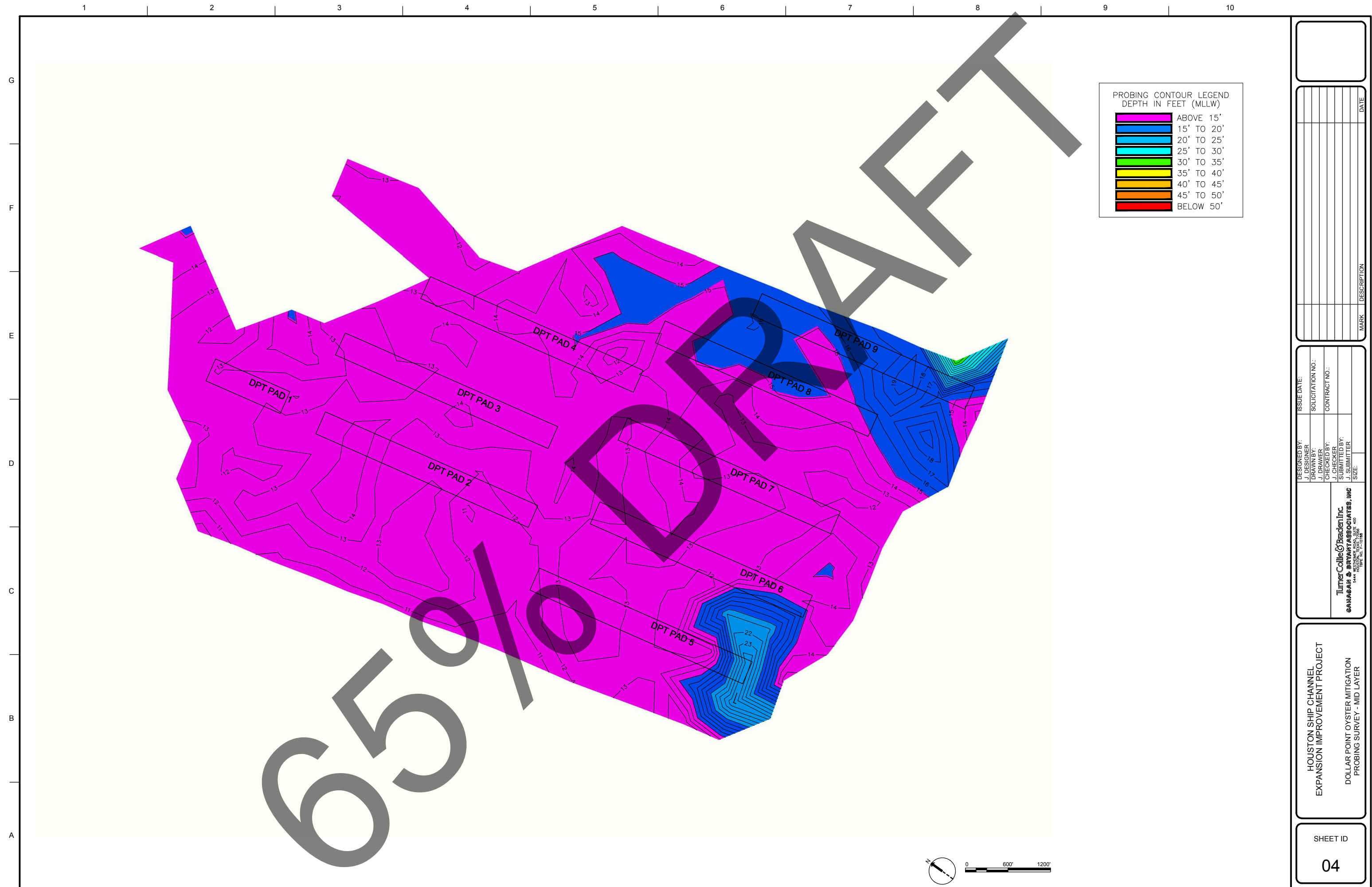
HOUSTON STIFF CHANNEL EXPANSION IMPROVEMENT PROJECT

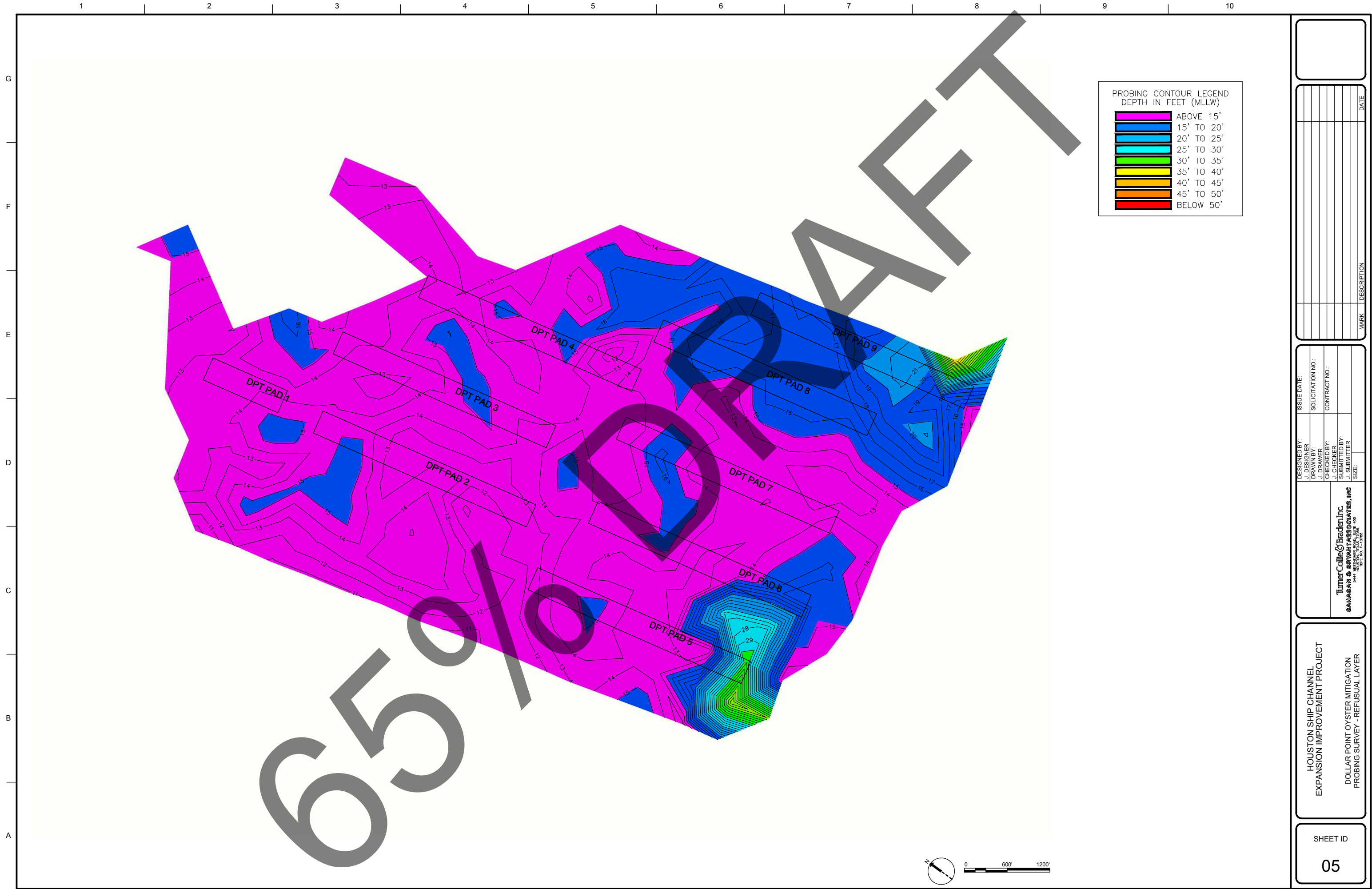
PROBING SURVEY

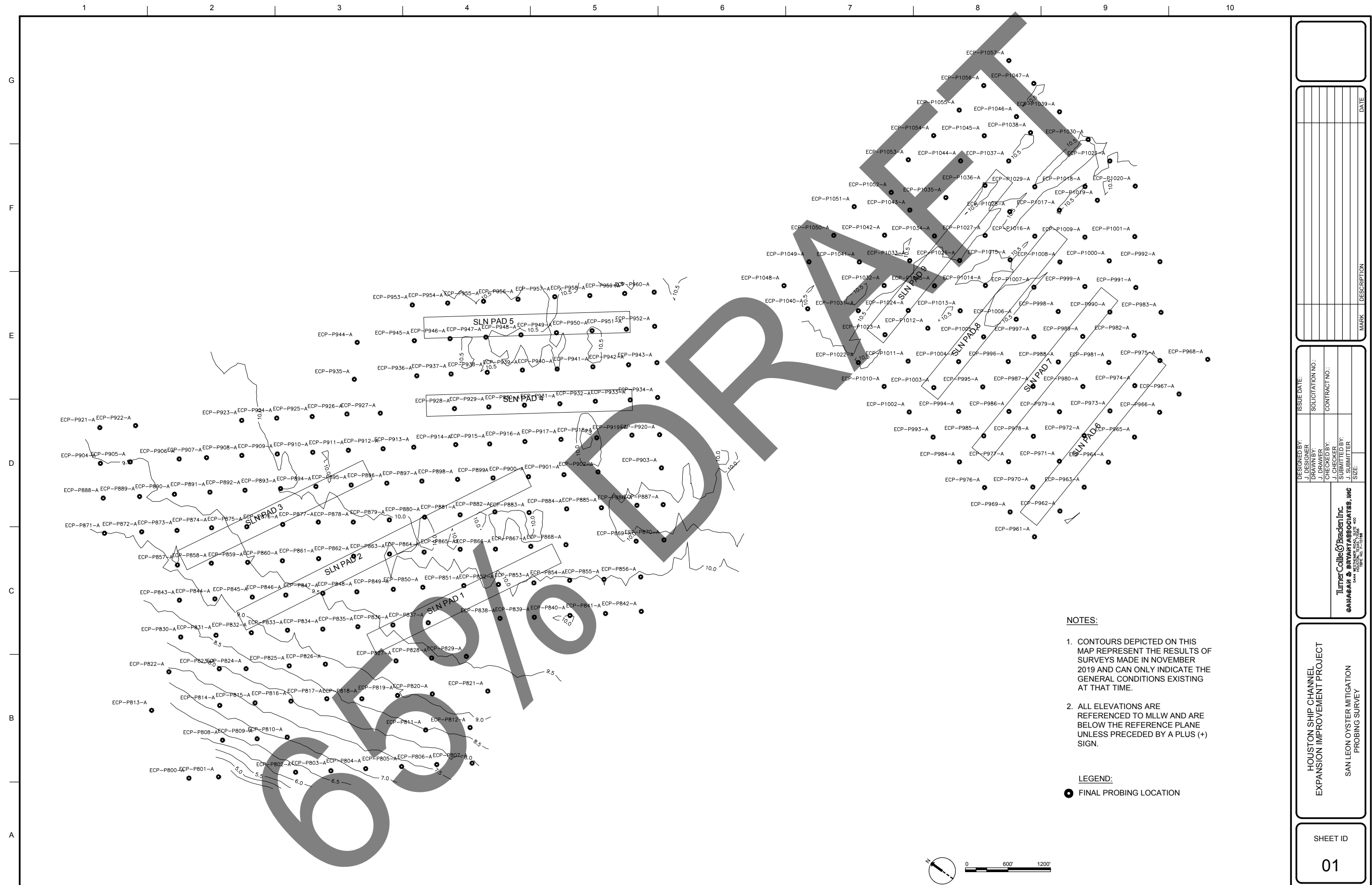
SHEET ID

01







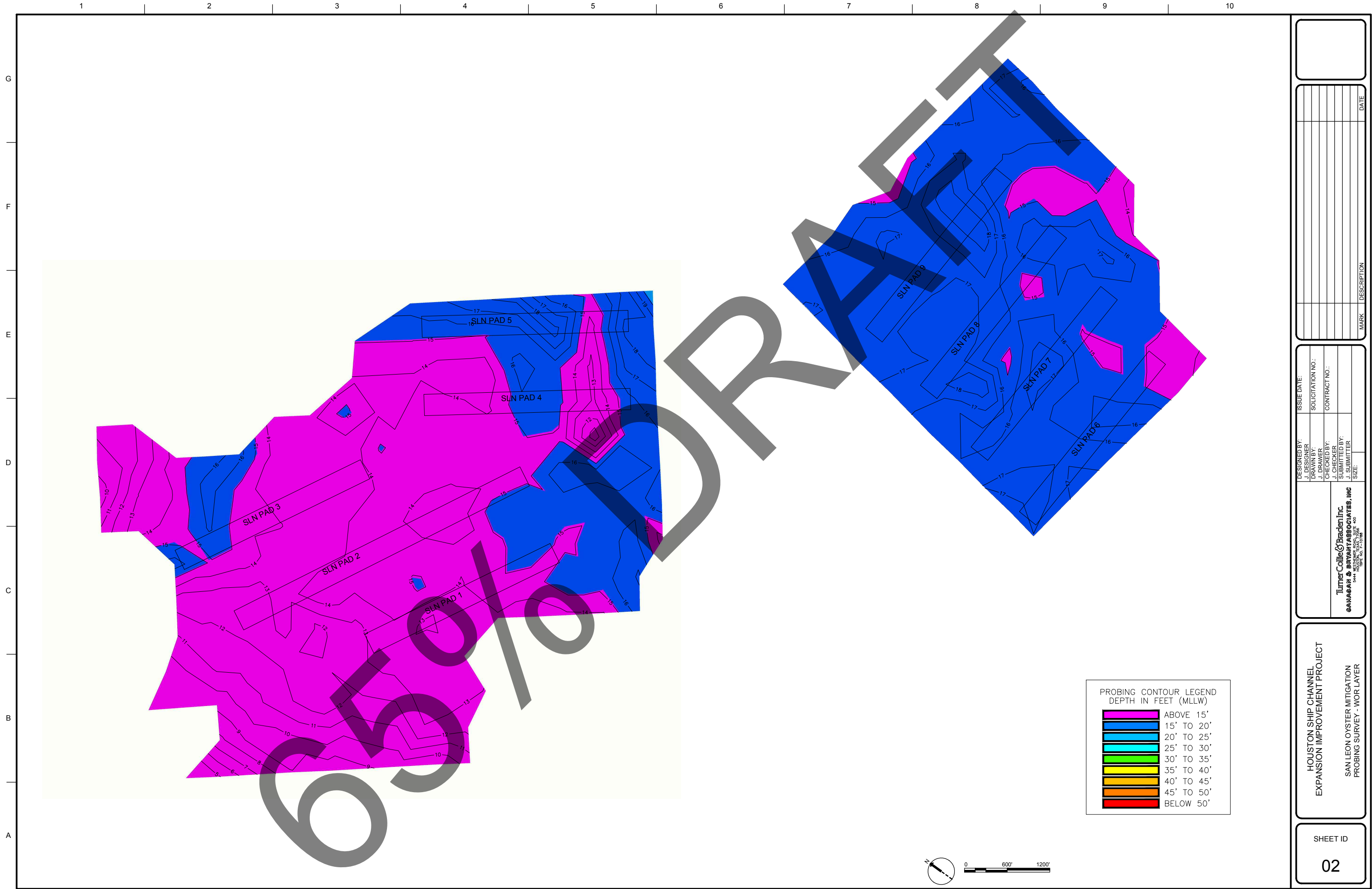
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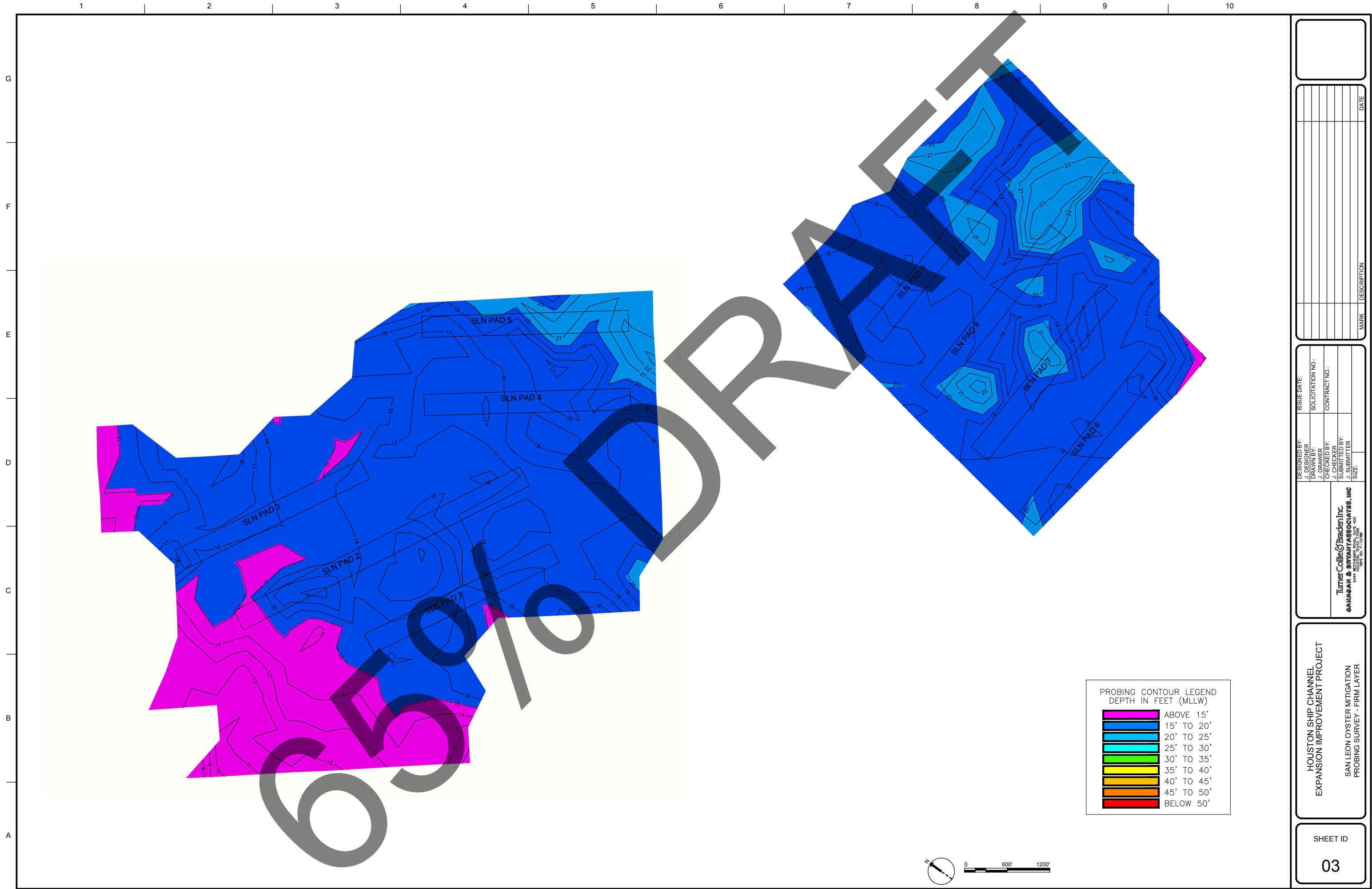
Turner Collie & Braden Inc. SAHABAN & BRADY ASSOCIATES, INC. 5444 HINSDALE ROAD, SUITE 400 HOUSTON, TEXAS 77056 PHONE NO. 713-728-1000 TELEX NO. 71-10728		DESIGNED BY: DRAWN BY: CHECKED BY: SUBMITTED BY: J. SUBMITTER	ISSUE DATE: SOLICITATION NO.: CONTRACT NO.: J. CHECKER J. SUBMITTER
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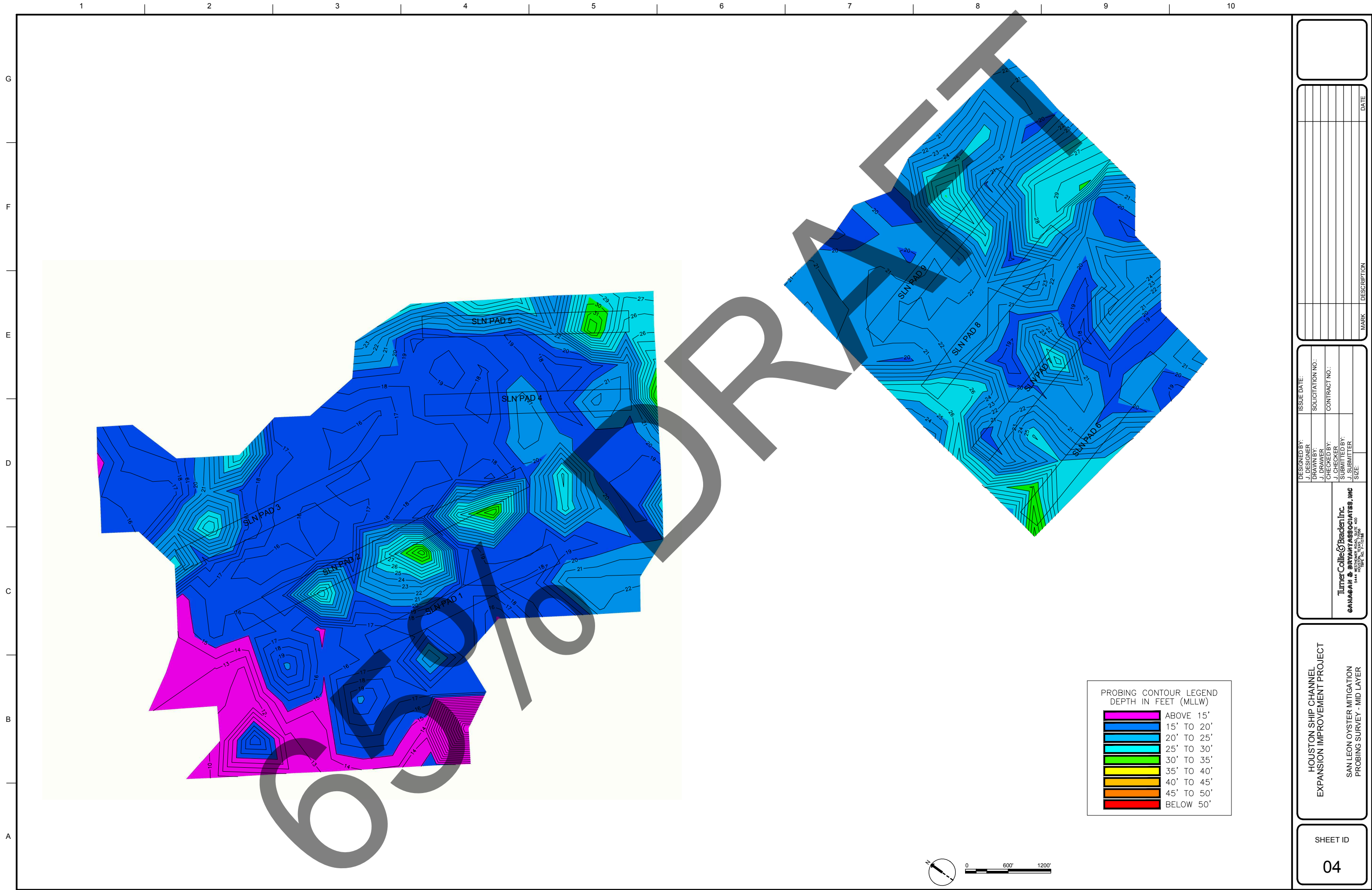
HOUSTON SHIP CHANNEL
EXPANSION IMPROVEMENT PROJECT

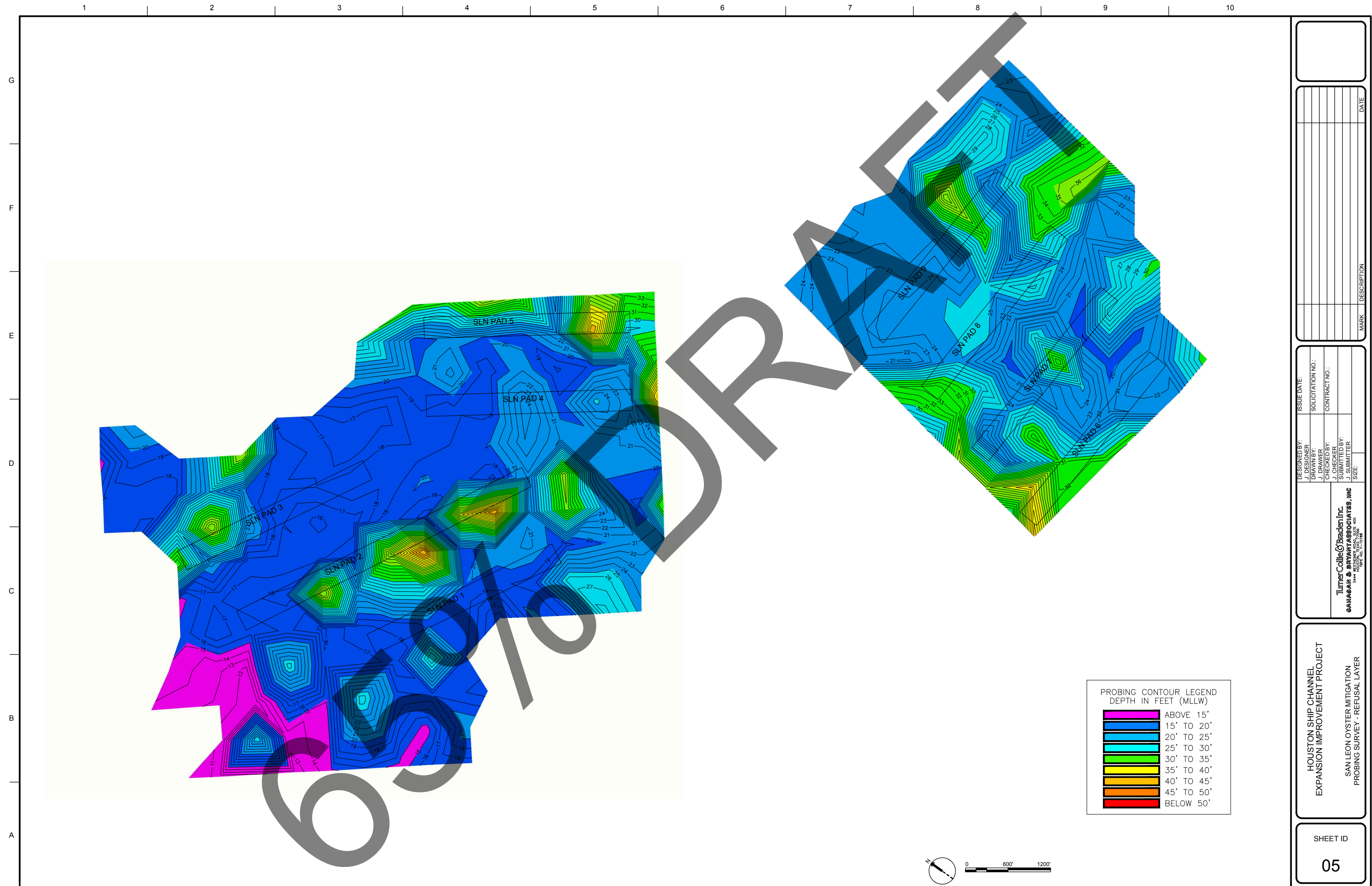
SAN LEON OYSTER MITIGATION
PROBING SURVEY

SHEET ID
01









HOUSTON SHIP CHANNEL
EXPANSION IMPROVEMENT PROJECT
SAN LEON OYSTER MITIGATION
PROBING SURVEY - REFUSAL LAYER

SHEET ID

05

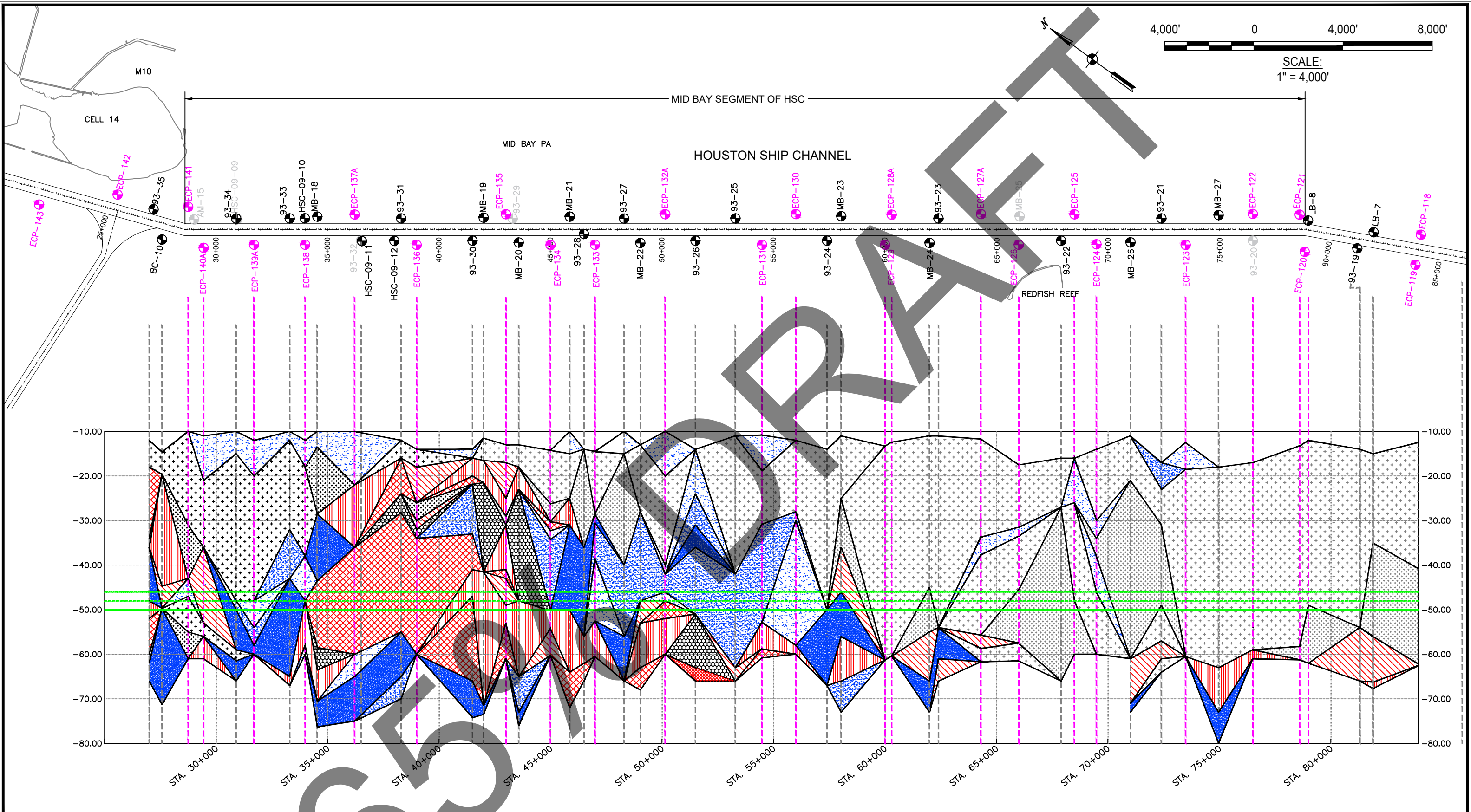
TurnerCollie & Braden Inc. SAHANEK & BRADY ASSOCIATES, INC. 544 WESTMEER ROAD, SUITE 400 WEST PALM BEACH, FL 33411 TEL: 561.833.1236 FAX: 561.833.1238		DESIGNED BY: DRAWN BY: CHECKED BY: SUBMITTED BY: J. SUBMITTER	ISSUE DATE: SOLICITATION NO.: CONTRACT NO.:
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[illegible]

Attachment 6 – Channel Material Profiles

650% DRAFT





REV	REVISIONS	DATE	APP

SCALE:
HORIZONTAL: 1" = 4,000'
VERTICAL: 1" = 20'

BORING LOCATIONS: DREDGE DEPTH
REQ.
AM
OD

MATERIALS LEGEND:

ML-CL(1) VERY SOFT SILTS/CLAYS	CL-ST STIFF CLAY	SC-LO LOOSE SAND
ML-CL(2) SOFT SILTS/CLAYS	CL-VS(1) VERY STIFF CLAY	SC-MD MEDIUM DENSE SAND
CL-MD MEDIUM CLAY	CL-VS(2) HARD CLAY	SC-VD VERY DENSE SAND
		ML-MD MED./DENSE SILT

PRELIMINARY DRAFT

THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES, OR AS THE BASIS FOR THE ISSUANCE OF A PERMIT.

ENGINEER:	C.HEDDERMAN
LICENSE NO.:	100209
DATE:	02/25/20

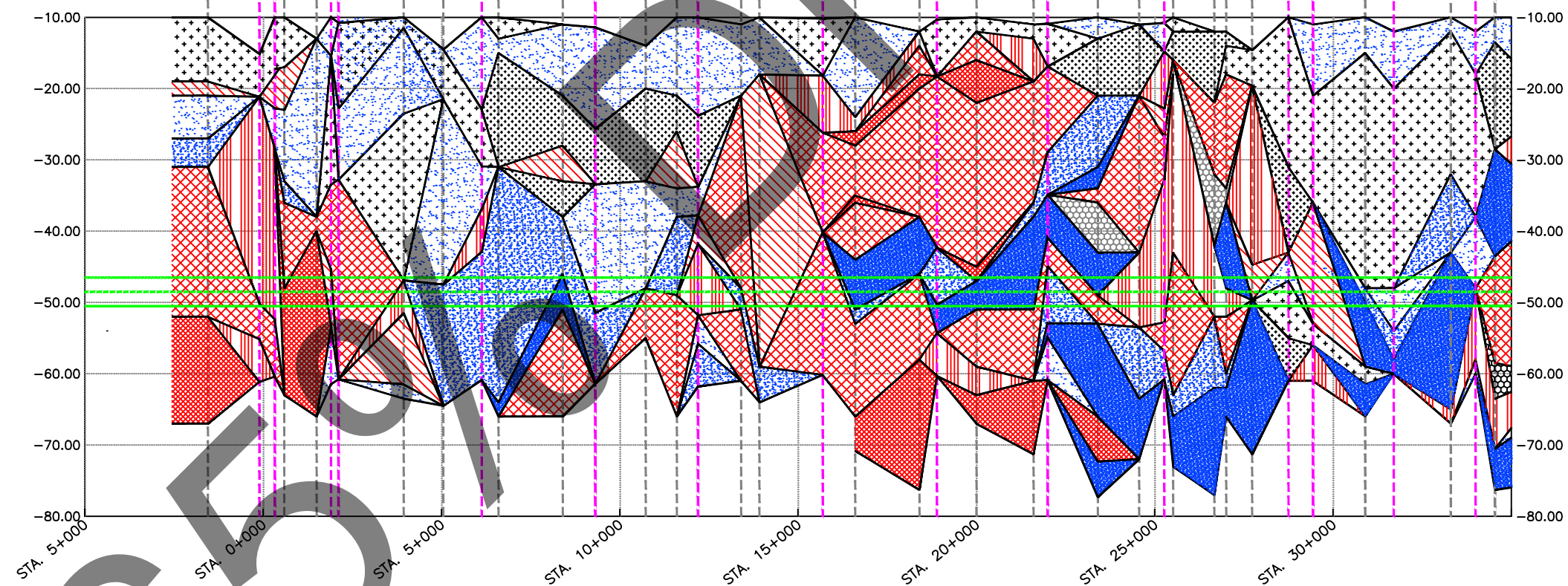
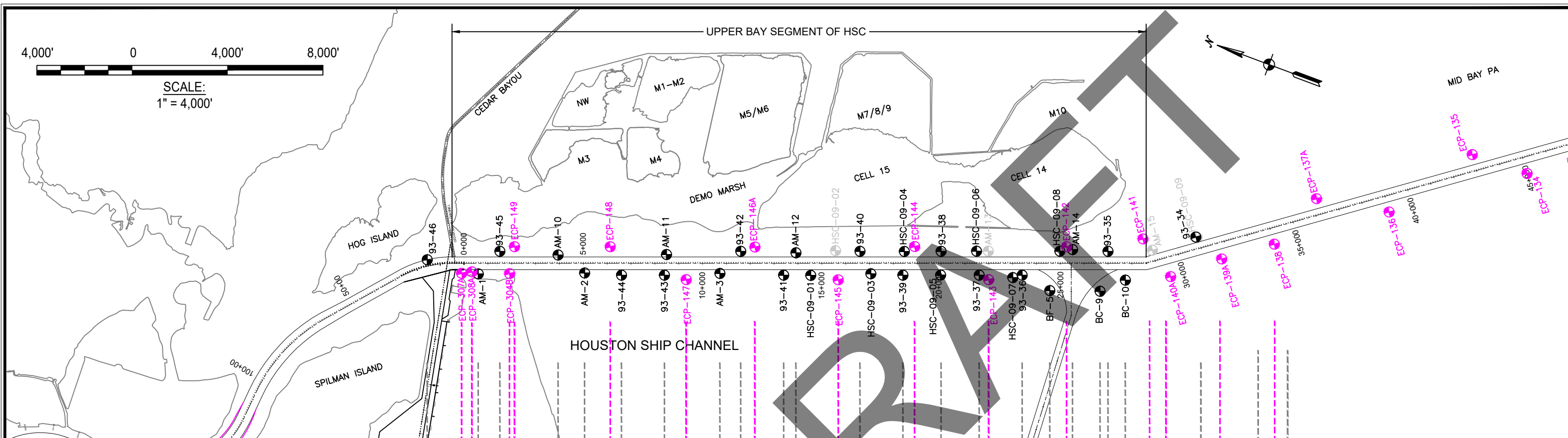
TurnerCollie&Braden Inc.
JOINT VENTURE - PORT DEVELOPMENT AND ENVIRONMENTAL SERVICES
GAHAGAN & BRYANT ASSOCIATES
TEXAS ENGINEERING FIRM F-10788
5444 WESTHEIMER, SUITE 200
HOUSTON, TEXAS 77056
TEL. 713.780.4100

PORT OF HOUSTON AUTHORITY

HOUSTON SHIP CHANNEL
EXPANSION CHANNEL IMPROVEMENTS PROJECT

PRODUCTION BORING PROFILE - HSC SEGMENT 1B

DWG DATE:	02/25/20	DWG:	ECP-Geotech.dwg
DRAWN:	CH	CHECKED:	-
SCALE:	AS SHOWN	SHEET:	02 OF 04
		ENGR:	CH
		REV:	

[illegible]

SCALE:
HORIZONTAL: 1" = 4,000'
VERTICAL: 1" = 20'

BORING LOCATIONS:	DREDGE DEPTH	REQ.
		AM
		OD

MATERIALS | LEGEND:

	ML-CL(1) VERY SOFT SILTS/CLAYS
	ML-CL(2) SOFT SILTS/CLAYS
	CL-MD MEDIUM CLAY

CL-ST
STIFF CLAY

CL-VS(1)
VERY STIFF CLAY

CL-VS(2)
HARD CLAY

	SC-LO LOOSE SAND
	SC-MD MEDIUM DENSE SAND
	SC-VD VERY DENSE SAND
	ML-MD MED./DENSE SILT

**PRELIMINARY
DRAFT**

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BIDDING, RECORDATION,
CONVEYANCE, SALES, OR AS
THE BASIS FOR THE ISSUANCE
OF A PERMIT.

ENGINEER:	C.HEDDERMAN
LICENSE NO.:	100209
DATE:	02/25/20

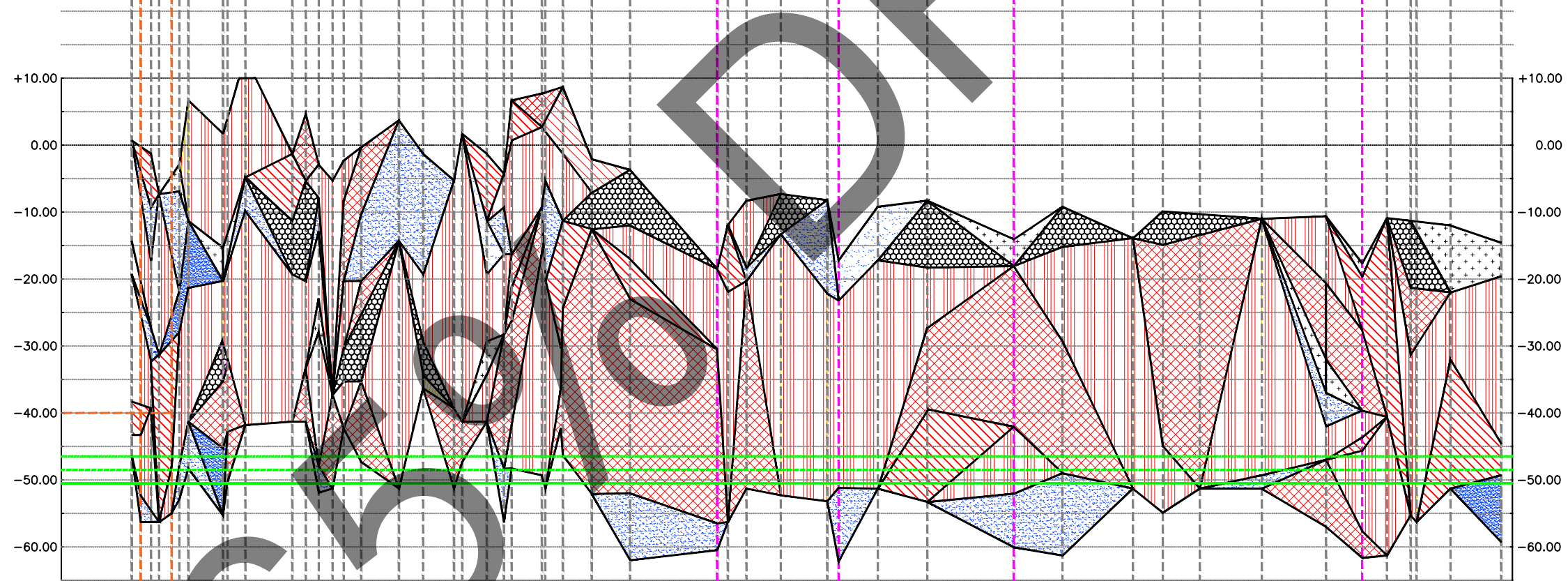
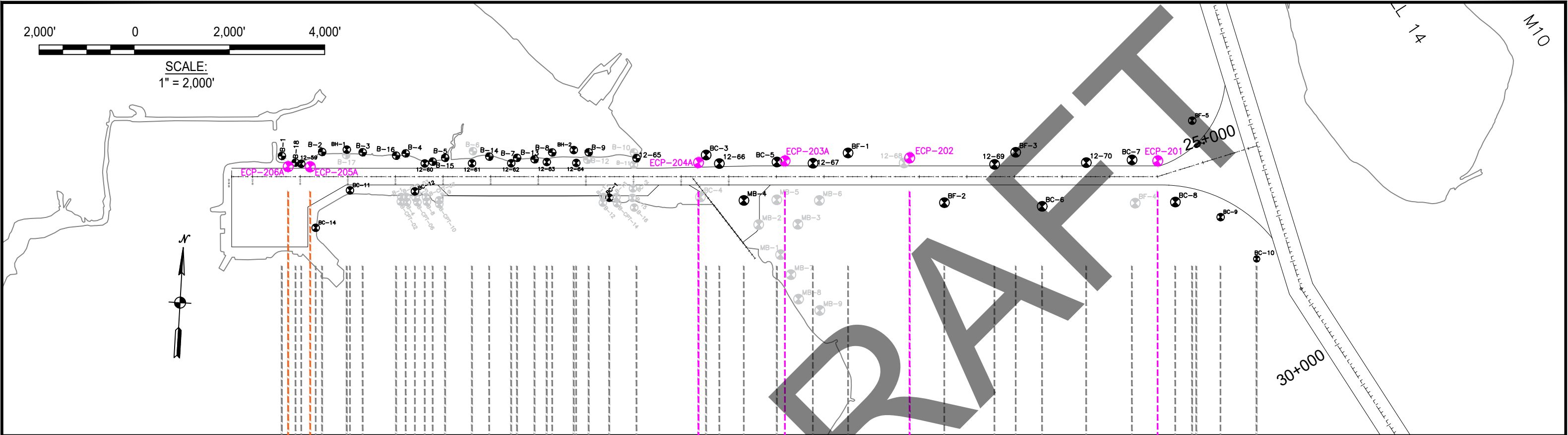
Turner Collie & Braden Inc.
JOINT VENTURE - PORT DEVELOPMENT AND ENVIRONMENTAL SERVICES
GAHAGAN & BRYANT ASSOCIATES
 TEXAS ENGINEERING FIRM F-10788
 5444 WESTHEIMER, SUITE 200
 HOUSTON, TEXAS 77056
 TEL. 713.780.4100

PORT OF HOUSTON AUTHORITY

HOUSTON SHIP CHANNEL EXPANSION CHANNEL IMPROVEMENTS PROJECT

PRODUCTION BORING PROFILE - HSC SEGMENT 1C
--

DWG DATE: 02/25/20		DWG: ECIP-Geotech.dwg	
DRAWN: CH	CHECKED: -	ENGR: CH	
SCALE: AS SHOWN	SHEET: 03 OF 04	REV:	



REV	REVISIONS	DATE	APP

SCALE:
HORIZONTAL: 1" = 2,000'
VERTICAL: 1" = 20'

BORING LOCATIONS: DREDGE DEPTH
REQ.
AM
OD

ML-CL(1) VERY SOFT SILTS/CLAYS	CL-ST STIFF CLAY	SC-LO LOOSE SAND
ML-CL(2) SOFT SILTS/CLAYS	CL-VS(1) VERY STIFF CLAY	SC-MD MEDIUM DENSE SAND
CL-MD MEDIUM CLAY	CL-VS(2) HARD CLAY	SC-VD VERY DENSE SAND
		ML-MD MED./DENSE SILT

**PRELIMINARY
DRAFT**

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USED FOR CONSTRUCTION,
BIDDING, RECORDATION,
CONVEYANCE, SALES, OR AS
THE BASIS FOR THE ISSUANCE
OF A PERMIT.

ENGINEER:	C.HEDDERMAN
LICENSE NO.:	100209
DATE:	02/25/20

TurnerCollie&Braden Inc.
JOINT VENTURE - PORT DEVELOPMENT AND ENVIRONMENTAL SERVICES
GAHAGAN & BRYANT ASSOCIATES
TEXAS ENGINEERING FIRM F-10788
5444 WESTHEIMER, SUITE 200
HOUSTON, TEXAS 77056
TEL. 713.780.4100

PORT OF HOUSTON AUTHORITY			
HOUSTON SHIP CHANNEL EXPANSION CHANNEL IMPROVEMENTS PROJECT			
PRODUCTION BORING PROFILE - BSC SEGMENT 2			
DWG DATE:	02/25/20	DWG:	ECIP-Geotech.dwg
DRAWN:	CH	CHECKED:	- ENGR: CH
SCALE:	AS SHOWN	SHEET:	04 OF 04 REV: