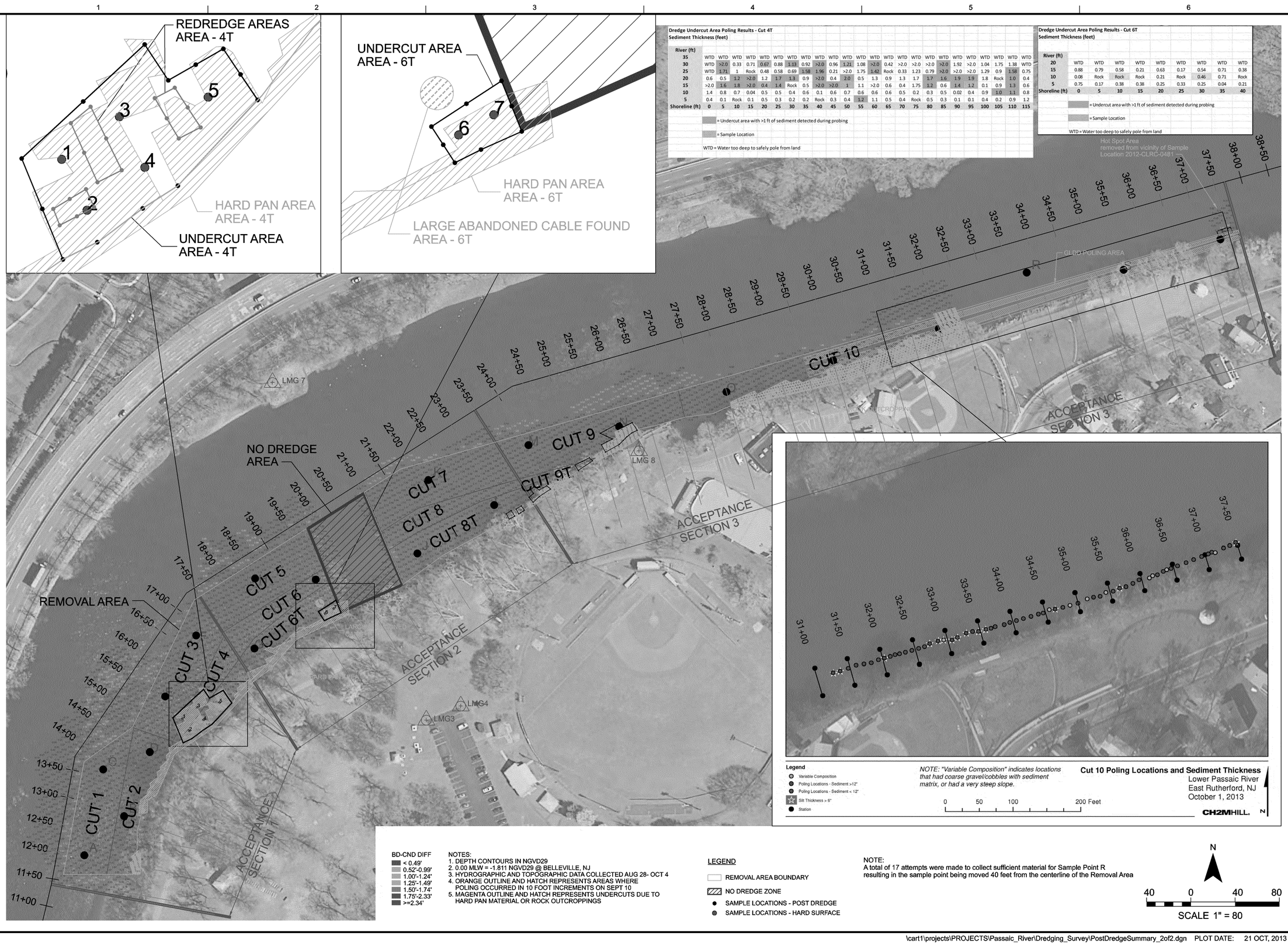

Dredge Undercut Area Poling Results - Cut 4T
Sediment Thickness (feet)

River (ft)																											
35	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD
30	WTD	>2.0	0.33	0.71	0.67	0.88	1.13	0.92	>2.0	0.96	1.21	1.08	>2.0	0.42	>2.0	>2.0	>2.0	>2.0	>2.0	1.92	>2.0	1.04	1.75	1.38	WTD		
25	WTD	1.71	1	Rock	0.48	0.58	0.69	1.58	1.96	0.21	>2.0	1.75	1.42	Rock	0.33	1.23	0.79	>2.0	>2.0	>2.0	1.29	0.9	1.58	0.75			
20	0.6	0.5	1.2	>2.0	1.2	1.7	1.3	0.9	>2.0	0.4	2.0	0.5	1.3	0.9	1.3	1.7	1.7	1.6	1.9	1.9	1.8	Rock	1.0	0.4			
15	>2.0	1.6	1.8	>2.0	0.4	1.4	Rock	0.5	>2.0	>2.0	1	1.1	>2.0	0.6	0.4	1.75	1.2	0.6	1.4	1.2	0.1	0.9	1.3	0.6			
10	1.4	0.8	0.7	0.04	0.5	0.5	0.4	0.6	0.1	0.6	0.7	0.6	0.6	0.6	0.5	0.2	0.3	0.5	0.02	0.4	0.9	1.0	1.1	0.8			
5	0.4	0.1	Rock	0.1	0.5	0.3	0.2	0.2	Rock	0.3	0.4	1.2	1.1	0.5	0.4	Rock	0.5	0.3	0.1	0.1	0.4	0.2	0.9	1.2			
Shoreline (ft)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115			

= Undercut area with >1 ft of sediment detected during probing

= Sample Location

WTD = Water too deep to safely pole from land

Dredge Undercut Area Poling Results - Cut 6T
Sediment Thickness (feet)

River (ft)									
20	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD	WTD
15	0.88	0.79	0.58	0.21	0.63	0.17	0.54	0.71	0.38
10	0.08	Rock	Rock	Rock	0.21	Rock	0.46	0.71	Rock
5	0.75	0.17	0.38	0.38	0.25	0.33	0.25	0.04	0.21
Shoreline (ft)	0	5	10	15	20	25	30	35	40

= Undercut area with >1 ft of sediment detected during probing

= Sample Location

WTD = Water too deep to safely pole from land

BD-CND DIFF
- < 0.49'
- 0.52'-0.99'
- 1.00'-1.24'
- 1.25'-1.49'
- 1.50'-1.74'
- 1.75'-2.33'
- >=2.34'

NOTES:
1. DEPTH CONTOURS IN NGVD29
2. 0.00 MLW = -1.811 NGVD29 @ BELLEVILLE, NJ
3. HYDROGRAPHIC AND TOPOGRAPHIC DATA COLLECTED AUG 28- OCT 4
4. ORANGE OUTLINE AND HATCH REPRESENTS AREAS WHERE POLING OCCURRED IN 10 FOOT INCREMENTS ON SEPT 10
5. MAGENTA OUTLINE AND HATCH REPRESENTS UNDERCUTS DUE TO HARD PAN MATERIAL OR ROCK OUTCROPPINGS

LEGEND
- REMOVAL AREA BOUNDARY
- NO DREDGE ZONE
- SAMPLE LOCATIONS - POST DREDGE
- SAMPLE LOCATIONS - HARD SURFACE

NOTE:
A total of 17 attempts were made to collect sufficient material for Sample Point R resulting in the sample point being moved 40 feet from the centerline of the Removal Area

N

40 0 40 80

SCALE 1" = 80

\cart1\projects\PROJECTS\Passaic_River\Dredging_Survey\PostDredgeSummary_2of2.dgn PLOT DATE: 21 OCT, 2013

James J Brinkman

NJ PROFESSIONAL ENGINEER
NO. 24GE05059300

NO.	DATE	REVISION	BY	APVD

DSGN DR CHK APVD
D LIEBERSBACH K GALLOWAY

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RM 10.9 Sediment Deposit and Removal Areas
Lower Passaic River Study Area, New Jersey

RM 10.9 TIME CRITICAL REMOVAL ACTION
CIVIL
Post-Dredge Summary
(2 of 2)

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE 21 OCT, 2013
PRJ LOWER PASSAIC RIVER
DWG
SHEET

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