

Project Name			Project Number			Location		
Standard Chlorine Site			E12022-03			NEW CASTLE, DE.		
Depth	Interval	Recovery	Blow Counts	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology	Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
95				95-102.7 Same as above	ML			
			S/S					0.0
								0.0
								0.0
				97.7-100' interbedded layers of clay & light gray (10YR 7/1), stiff & med plastic) and silt (red (2.5YR 4/6), med stiff, non plastic) wet	ml/cl			0.0
100				100-102' Same as above				0.0
								0.3
			S/S					0.3
				102-105' Clay - Light gray with (10YR 7/1) with red (2.5YR 4/6) matrix, v. stiff, high plasticity when wet, cohesive. approx 0.6 (v. fine sand w/ some silt (SP) - medium yellow 10YR 6/8) wet, non cohesive -	CH			0.3
								0.3
								0.3
105				105-107' Clay light gray (10YR 7/1) mottled with red (2.5YR 4/6) medium - stiff high plasticity, wet, cohesive.	CL			0.4
				107-110 v. fine sand, some silt poorly graded (SP), med. yellow 10YR 6/8, wet, non cohesive.	SP			0.6
				NOTE Approx 2' of the fine sand material was felt out of the acetate sleeve during extraction;				0.1
								0.8
								0.8
110								1.7

Set temp well, screened 105-110' bgs.
 Sample ID = PW12-105-10



BORING LOG (cont'd)

Borehole ID: PW-12
 Sheet 9 of

Project Name				Project Number		Location		
Standard Chlorine Site				E10022.03		New Castle DE		
Depth	Interval	Recovery	Blow Counts	Description <small>(Include lithology, grain size, sorting, angularity, Munsell color name & notation, mineralogy, bedding, plasticity, density, consistency, etc., as applicable)</small>	USCS Symbol	Lithology	Water Content	Remarks <small>(Include all sample types & depth, odor, organic vapor measurements, etc.)</small>
5			4/5	FOLLY, gray (4YR6/1), moist, hard, fish plasticity poorly graded sand, reddish yellow 5YR6/8 anhydric 7.5YR 8/1, VF - Fine trace medium sand, wet, medium loose to medium dense. rounded, obvious chemical odor	CH SP			- 504 - 489 - 680 - 460
115			2/5	note bottom 1/2 foot of sample not recovered poorly graded sand, white 7.5YR 8/1 v. fine to fine trace medium sand, wet, drilled reports dense, rounded,	SP			- NA - 308 - NA - NA - NA - NA
120				NO Recovery 116-120 But Acetate liner residue indicated sand in interval				- NA - NA
125								Set Temp well screened 115-120 - S

End of Drilling
7/17/09