

# LOG of BORING NO. TB-10

Sheet 1 of 3

DATE: March 16, 2006

SURFACE ELEVATION: 60.2±

LOCATION:

See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
0				<div style="font-size: 2em; font-weight: bold; margin-bottom: 5px;">DC52-145</div> DESCRIPTION						
		14	SS	Coke fines Medium stiff to stiff orange-brown CLAYEY SILT	1.2 1.5					
5		18	SS	-becoming orange brown SILT (SM)			16.4	NP	NP	
10		30	SS	-becoming very dense orange-brown coarse to fine SAND, trace to little coarse to fine sub-rounded gravel						
15		14	SS	-becoming medium dense silty medium to fine SAND, trace coarse sand and fine gravel (SM)			10.8			X
20		29	SS	-becoming dense light brown and orange- brown coarse to fine SAND, some coarse to fine sub-rounded gravel						
				[Fill]	56.5					
25		16	SS	Medium dense light brown with occasional black specks, medium to fine SAND, trace coarse sand						
30		14	SS	-becoming orange-brown silty medium to fine SAND, to light brown coarse to medium SAND, trace silt and fine gravel (SP-SM)			8.8			X
35		47	SS	Continued on page 2						

Completion Depth:	80.5 Feet	Water Depth:	39 ft After encountered
Project No.:	2006G423		_____ ft After _____ hrs
Project Name:	Valero Petroleum Coke Storage Silos		_____ ft After _____ hrs
Drilling Method:	Hollow Stem Augers & Mud-Rotary, Auto Hammer		_____ ft After _____ hrs

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Sheet 2 of 3

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LOCATION:

See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
35		47	SS	Very dense orange-brown silty fine SAND with dark reddish brown ironstone coarse to fine sand, trace gravel sized fragments						
40		15	SS	-becoming light brown silty coarse to fine SAND, occasional ironstone fragments						
45		11	SS	-becoming orange-brown silty medium to fine SAND (SM)			27.3			X
50		24	SS	-with trace coarse sand						
55		22	SS	-without silt						
60		14	SS	-with trace ironstone and clay						
65		26	SS	-with some silt (SP-SM)			19.7			X
70		17	SS	Continued on page 3						

Completion Depth: <u>80.5 Feet</u>	Water Depth: <u>39</u> ft After <u>encountered</u>				
Project No.: <u>2006G423</u>					
Project Name: <u>Valero Petroleum Coke Storage Silos</u>					
Drilling Method: <u>Hollow Stem Augers &amp; Mud-Rotary, Auto Hammer</u>					

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See Figure 1

DEPTH, ft.	SAMPLES	N VALUE OR CORE RECOVERY	SAMPLE TYPE	DESCRIPTION	STRATUM ELEVATION	POCKET PENETROMETER	WATER CONTENT, %	LIQUID LIMIT, %	PLASTIC LIMIT, %	OTHER TESTS
70		17	SS	Medium dense light brown medium to fine SAND, little to trace silt, trace coarse sand, occasional medium to fine sub-rounded gravel	7.5					
75		14	SS	Stiff dark gray micaceous CLAYEY SILT, fine sand lenses		1.25				
			SB	(SM)			26.3	NP	NP	X
80		25	SS	-becoming very stiff and dark gray [Alluvium]	20.3	2.0				
				End of test boring						

Completion Depth: <u>80.5 Feet</u>	Water Depth: <u>39</u> ft After <u>encountered</u>
Project No.: <u>2006G423</u>	_____ ft After _____ hrs
Project Name: <u>Valero Petroleum Coke Storage Silos</u>	_____ ft After _____ hrs
Drilling Method: <u>Hollow Stem Augers &amp; Mud-Rotary, Auto Hammer</u>	_____ ft After _____ hrs