[redacted]

BORING: 1

Dyess-Peterson Testing Laboratory, Inc.

PROJECT: BWXT Pantex Plant [redacted] LOCATION: Carson County, TX
CLIENT: [redacted] LOGGED BY: J. Sanchez
DRILLED DATE: 10/5/05 DRILLED BY: C. Bird
DRILLING METHOD: Geoprobe 6610DT Drilling Unit ELEVATION: 3545.7'

Depth	Sample	Soil Log	Description	SPT Blows/Ft	Moisture Percent	Pock. Pene. TSF	LL	PL	PI	Unconfined Compressive Strength	Passing 200 Sieve
0			Lean Clay: Brown (CL) 5 / 3 / 7.5YR		12.9		36	16	20		86.7
				2 - 6" 5 - 12" 8 - 18"	13.7		36	16	20		87.9
			Lean Clay: Pink (CL) 8 / 3 / 7.5YR		10.8		34	16	18		85.6
				10 - 6" 10 - 12" 14 - 18"	10.8		34	15	19		87.2
5				8 - 6" 6 - 12" 12 - 18"	10.3		35	16	19		86.1
			Lean Clay with Sand: Light Brown (CL) 6 / 4 / 7.5YR		11.1		33	16	17		84.7
				10 - 6" 9 - 12" 8 - 18"	11.3		35	16	19		83.3
10				9 - 6" 10 - 12" 17 - 18"	10.0		39	19	20		80.9
15				10 - 6" 13 - 12" 14 - 18"	14.9		36	17	19		81.1
20				27 - 6" 37 - 12" 43 - 18"	13.3		36	18	18		83.9
25				19 - 6" 20 - 12" 17 - 18"	10.0		39	19	20		84.6
30				12 - 6" 16 - 12" 21 - 18"	10.2		34	17	17		82.8
			Lean Clay with Sand: Strong Brown (CL) 5 / 6 / 7.5YR		12.4		34	17	17		82.9
35				18 - 6" 23 - 12" 30 - 18"	15.2		33	16	17		81.7
			Lean Clay with Sand: Light Brown (CL) 6 / 4 / 7.5YR		13.9		34	16	18		79.4
40				24 - 6" 28 - 12" 31 - 18"	13.3		29	14	15		80.3
			* T.D. - 40' *								

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[redacted]

BORING: 6

Dyess-Peterson Testing Laboratory, Inc.

PROJECT: BWXT Pantex Plan[redacted]
CLIENT: [redacted]
DRILLED DATE: 10/5/05
DRILLING METHOD: Geoprobe 6610DT Drilling Unit

LOCATION: Carson County, TX
LOGGED BY: J. Sanchez
DRILLED BY: C. Bird
ELEVATION: 3544.1'

Depth	Sample	Soil Log	Description	SPT Blows/Ft	Moisture Percent	Pock. Pene. TSF	LL	PL	PI	Unconfined Compressive Strength	Passing 200 Sieve
0			Lean Clay: Brown (CL) 5 / 2 / 7.5YR		13.1		36	16	22		92.5
				3 - 6" 5 - 12" 7 - 18"	14.0		36	15	21		88.9
			Lean Clay with Sand: Brown (CL) 5 / 4 / 7.5YR		14.5		41	19	22		82.4
5				10 - 6" 11 - 12" 12 - 18"	14.7		37	16	21		82.9
				12 - 6" 12 - 12" 12 - 18"	14.4		38	16	22		83.7
			Lean Clay: Pink (CL) 7 / 3 / 7.5YR		13.0		32	14	18		88.3
				10 - 6" 12 - 12" 15 - 18"	12.3		34	15	19		86.0
10				20 - 6" 20 - 12" 21 - 18"	9.6		30	12	18		85.5
			Lean Clay with Sand: Light Brown (CL) 6 / 4 / 7.5YR		12.7		34	14	20		79.2
15				12 - 6" 15 - 12" 21 - 18"	12.3		35	14	21		76.7
20				37 - 6" 42 - 12" 44 - 18"	10.7		35	14	21		78.5
			Lean Clay with Sand: Brown (CL) 5 / 4 / 7.5YR		10.4		32	14	18		83.0
25				20 - 6" 25 - 12" 27 - 18"	9.6		31	13	18		81.1
30				27 - 6" 37 - 12" 43 - 18"	10.2		34	18	16		79.4
35				10 - 6" 12 - 12" 13 - 18"	10.8		35	14	21		76.1
40				13 - 6" 16 - 12" 19 - 18"	8.9		34	14	20		76.4
			* T.D. - 40' *								

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