



**SOIL BORING AND WELL INSTALLATION AND VISUAL CLASSIFICATION LOG**

DO:  
Bldg./Site: 14  
Project Name: NAS FALLON TCRA



Boring Number: <u>TT16-MW23</u>	Date Started: <u>2/1/12</u>
Drilling Method: (Circle one) <u>USA Continuous Core</u> Direct Push/Hand Auger	Date Completed: <u>2/1/12</u>
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: <u>V. PRILEPIN</u>
Outer Diameter of Boring: <u>8"</u>	Drilling Subcontractor: <u>WDC Expl. &amp; Wells</u>
Inner Diameter of Well Casing: <u>2"</u>	Driller: <u>Gary Whitley</u>
Depth to Water (ft./bgs.)	Location Sketch:

Time	Depth (ft) bgs	Drive Interval	Recovered Interval	Sample ID	Blow count (per 6 inches) / v.s. utility type, dia.	Description	USCS soil symbol	Well construction	QVM (ppm)
	0-2	X				0-5 Hand augered: 0-2 silty sand, dark brown, dry grading to silty clay at 3'	SM	2012 MAR - 8 AM 11:16 STATE ENGINEERS OFFICE	RECEIVED
	3-7					3-7 - silty CLAY, brown 7.5YR 4/4, low plasticity, medium stiff, 90% clay	CL		
	7-8.5					7-8.5 silty SAND, brown 7.5YR 4/4, poorly graded, loose, dry at 8 and turning wet to saturated at 8.5.	SM		
	8.5-13	X		100		8.5-13 silty clay to clay, brown 7.5YR 4/3 soft, wet; clay content increases w/depth 85% clay, 15 silt, grading to 100% clay at 11'	CL		

SOIL BORING AND WELL INSTALLATION  
AND VISUAL CLASSIFICATION LOG

DO:

Bldg./Site: 16

Project Name: NRS FALLONTCRA



TETRA TECH EM INC.

TT16 - MW23

Time	Depth (ft) logs	Drive Interval	Recovered Interval	Sample ID	Blow count (per 6 inches) V.L. utility type, dia.	Description	USCS soil symbol	Well construction	OVM (ppm)
	12	X	100			Same 11-13 clay, brown 7.5YR 4/3, stiff low plasticity.	CL		0
	14	X				13-15 silty/clayey sand, Brown, 7.5YR 4/3. saturated, 60% fine sand, 25 silt, 15 clay	SM/ SC		
	16	X	100			15-16 clayey silt, brown, 60% silt, 40% clay, damp, grading to silty clay at 16.5'	ML		0
	18	X				16.5-18 silty clay/clay, brown, 7.5YR 4/3 micaceous, soft at 17 and damp; becoming stiff, brown 7.5YR 5/3, dry at 17.5	CL		
						TD 18'			

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