Tetra Tech, Inc.
4213 State Street, Suite 100
Santa Barbara, CA 93110-2847
VOICE (805) 681-3100 FAX (805) 681-3108

Project: Vandenberg Air Force Base IRP
Log of Well No. 25-MW-4

Location: OU4, Site 25, SLC 2E, approx. 750 feet west of Building1615, approx. 1000 west of Aero Road.

Date Started: 1/11/94	Completed: 1/12/94	4" PVC Blank Casing:	from 0 ft bgs to 12 ft bgs
Logged By: W. Borst	Checked By: J. R. Steele, R.G., C.E.G., C.H.G.	0.010" Screening Casing:	from 12 ft bgs to 22 ft bgs
Drilled By: A. Simones, S/G Testing	J.R. Steele RG # 5963	Bentonite/Cement Grout:	from 2 ft bgs to 6.5 ft bgs
Drilling Equipment: CME 750, 10"/12" HSA		Bentonite Transitional Seal:	from 6.5 ft bgs to 9 ft bgs
Sampling Equipment: 2" ID Split Spoon Sampler		2/12 Sand Filter Pack:	from 9 ft bgs to 23 ft bgs
GS Elev.: 176.8 ft above MSL	TD: 23.0 ft. bgs	TOC Elev.: 179.84 ft above MSL	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Material Type	Well Construction	Sample	Blow Counts per 6"	Percent Recovery	PID (ppm) Amb/Smp	REMARKS
	sand brown, (7.5YR 5/3), fine grained, trace roots, minor plant debris, well sorted, subangular to sub-rounded, loose, dry, dune sand.		SP			2 2 4	67	0.0/ 0.0	Start 1420. Sample V2MW4-0 sent for chemical tests. Disturbed sample.
5	same, except no roots, medium dense.					8 14 7	50	0.0/ 0.0	Sample V25MW4-5 sent for chemical tests. Disturbed sample.
10	same, except strong brown (7.5YR 5/8), no plant debis, slightly moist.					5 10 14	100	0.0/ 0.0	
15						4 10 11	100	0.0/ 0.0	Sample V25MW4-15 and V25MW4-16 sent for chemical tests. (replicates).
						2 5 7	100	0.0/ 0.0	
20									

21.5 ft. ▼ Groundwater depth during drilling

20.1 ft. ▽ Groundwater depth after well development on: 2/25/94

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Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Material Type	Well Construction	Sample	Blow Counts per 6"	Percent Recovery	PID (ppm) Amb/Smp	REMARKS
20	same, except moist.		SP						End 1510. Start 0740.
	sand, pinkish gray (7.5YR 6/2), fine grained, minor silt, well sorted, subangular to subrounded, medium dense, gleyed horizon, weathered Monterey Formation.		SM			7 16 50/0"	100	0.0/ 0.0	V25MW4-21 sent for chemical tests.
	clay, medium high plasticity, moist, very stiff, gleyed horizon, weathered Monterey Formation.		CL						
	silicious shale, pale yellow, hard, Monterey Formation.		SHALE						End 0815.
25									
30									
35									
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