

CONSTRUCTION TEST DATA SUMMARY

MATERIALS LABORATORY
SOILS UNIT

SHEET

No.

18 OF

Feature Castaic Dam

Manual of Testing Procedures for Soils Designation Number

Feature					S-5					S-6		S-7		S-8		S-13				S-10				COMPACTION (%)		REMARKS (LEGEND)
LAB	DATE	Station	Offset	Elev. (ft)	MECHANICAL ANALYSIS % FINER					ATT. LIMITS		SPEC. GRAV.		FIELD DENSITY		LABORATORY COMPACTION										
					1 1/2"	3/4"	1/2"	200	5µ	L.L.	P.L.	+	-	Dry Density lb/cu ft	% Moist	Dry Density lb/cu ft	% Moist	Method A	Method B	Method C	Method D					
No.																										
21A-8-	1968																									
394	9-24	38140	100L	1171 ^E	100	99	90	47		33	18		2.71	111.7	16.0	113.3	15.8	112.2	15.7	3 W			100			
395	9-25	36140	260L	1171	100	97	89	44		31	17		2.71	120.4	12.0	120.9	11.6	119.9	12.4	4 W			100			
396	9-25	40100	273L	1171	100	98	90	51		34	20		2.73	113.9	16.3	115.3	16.0	115.0	14.8	15 W			99			
397	9-25	39100	50R	1171	100	99	93	51		40	23	-	2.73	107.0	19.7	105.9	19.1	107.8	16.8	29 W			99			
398	9-25	40100	90L	1171	100	98	87	44		34	19	2.76	2.73	115.2	14.5	117.2	14.5	117.9	14.0	5 W			98			
399	9-25	40100	90E	1170 ^E			100	56		38	22	-	2.70	109.1	17.5	109.1	17.5	114.7	15.5	20 W			95			
400	9-25	36180	260L	1172 ^E	100	99	93	51		34	20		2.74	114.7	14.6	115.6	14.2	116.6	14.4	20 W			98			
401	9-25	36180	50R	1170 ^E	100	97	87	46		31	16	-	2.73	114.0	13.2	116.5	13.0	115.0	15.0	18 D			99			
402	9-25	40100	E	1173 ^E	100	94	79	41		41	23	2.76	2.74	107.3	17.6	110.2	17.0	108.4	17.9	3 D			99			
403	9-26	36185	160L	1173	100	95	85	51		33	18	-	2.72	111.3	15.5	114.3	15.0	115.1	13.8	15 W			97			
404	9-26	35160	200L	1171	100	97	89	45		30	15	-	2.74	111.4	14.5	113.3	14.4	113.0	14.9	4 D			97			
405	9-26	38100	60R	1172	100	99	89	46		30	15	2.78	2.71	114.2	14.4	115.6	14.1	115.2	14.5	1 D			99			
416	9-26	36190	60R	1172	100	98	95	49		31	17	-	2.73	111.0	15.4	111.8	15.3	115.4	14.0	14 W			96			
407	9-26	40180	90R	1173	100	96	92	45		31	16	-	2.68	110.7	14.6	113.5	14.1	115.5	15.3	7 D			96			
408	9-26	40180	258L	1173			100	55		30	14	-	2.71	112.4	14.4	112.4	14.4	114.3	15.4	10 D			98			
409	9-26	38100	E	1178	100	92	84	47		32	17	2.71	2.74	112.6	16.8	114.1	16.3	115.3	13.8	30 W			98			
410	9-26	36100	175L	1173	100	95	77	41		35	20	2.75	2.75	110.0	14.1	113.5	13.7	113.2	14.7	6 W			97			
411	9-27	33160	140L	1169	100	90	81	45		32	18	-	2.73	113.5	15.9	117.5	14.9	118.0	13.6	23 W			96			
412	9-27	37160	265L	1175	100	91	87	35		23	5	2.68	2.70	118.9	12.6	118.9	12.6	119.0	12.8	-			100			
413	9-27	40100	260L	1175	100	98	90	49		29	13	-	2.72	114.5	14.0	116.3	13.9	116.9	12.5	15 W			98			
414	NO TEST																									
415	9-27	41100	75L	1175	87	84	70	20		25	11	-	2.68	121.8	9.2	128.9	7.4	124.2	10.7	15 D			98			
416	9-27	40100	20L	1175	100	98	90	42		29	15	2.76	2.66	115.9	15.1	116.5	14.8	117.4	14.6	5 W			99			
417	9-27	38100	75L	1173	100	97	83	34		27	13	-	2.70	114.6	11.2	116.4	11.3	120.1	12.7	15 D			95			