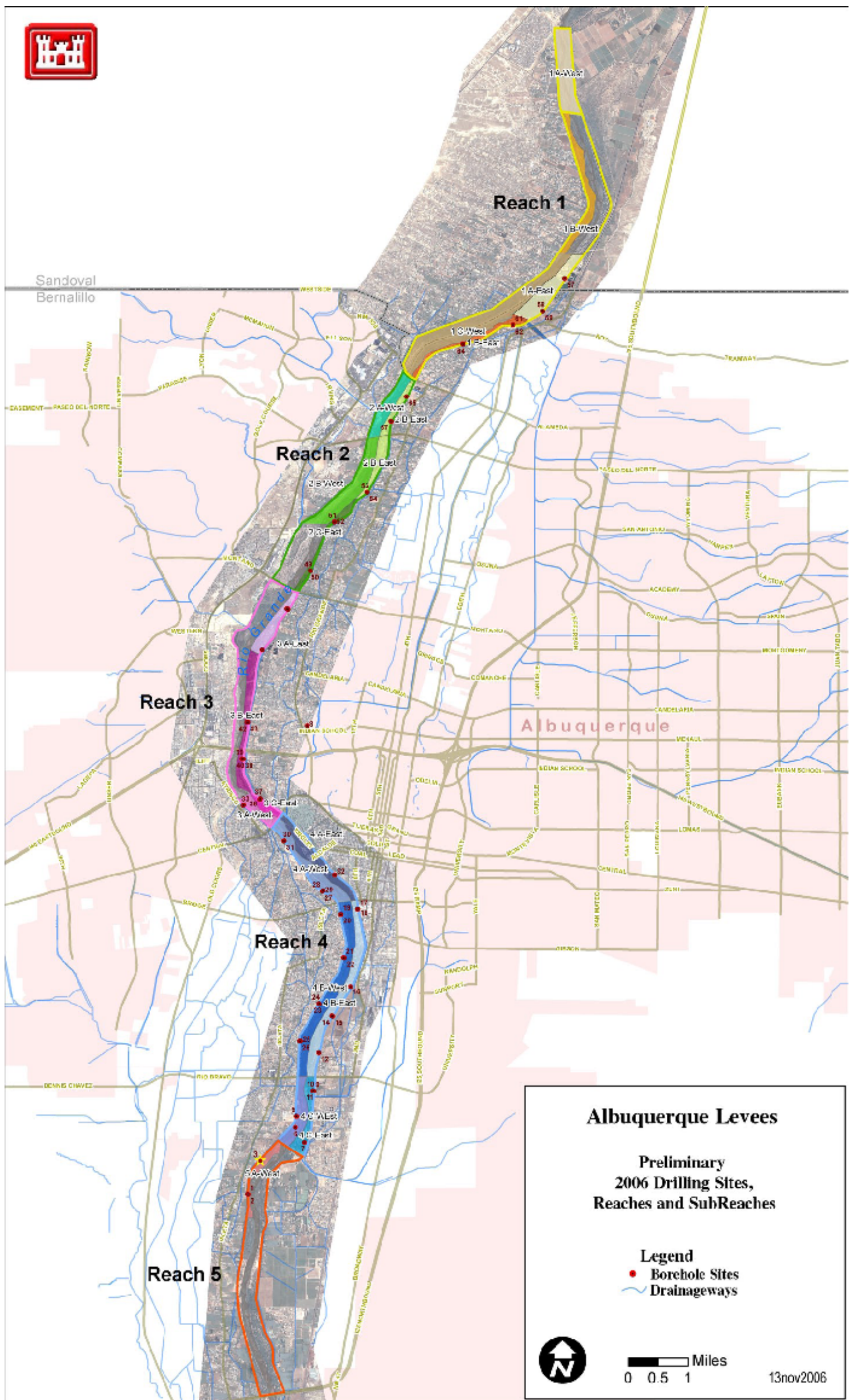


GEOTECHNICAL APPENDIX



DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT ..			
2. LOCATION (Coordinates or Station) -106.6889203, 34.998675629				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-01				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED .. UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 1028 COMPLETED 1059	
8. DEPTH DRILLED INTO ROCK ..				17. ELEVATION TOP OF HOLE			
TOTAL DEPTH OF HOLE 16.5'				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
9.3			SAND, CLAY, BRN, DRY, LOW PI	3 4 3	A	.8' RECOV. SC	
19.1	2.5'		SAND, CLAY, TAN TO BRN, DRY TO DAMP, LOW PI	4 7 7	B	.6' RECOV. SC	
17.2	5.0'		SAND, CLAY, BRN TO DK BRN, DAMP, LOW PI	3 3 2	C	1.1' RECOV. SC	
26.0	7.5'		SAND, CLAY, ORGANICS, BRN, SAT, LOW PI	3 2 5	D	1.1' RECOV. SP-SMWL @ 8'	
25.4	10.0'		SAND, CLAY, BRN TO TAN, SAT, LOW PI	2 3 3	E	1.2' RECOV. SM	
21.0	12.5'		SAND, FN GRAVEL, TAN, NO PI	2 2 5	F	1.4' RECOV. SM ADD WATER DN HOLE	
17.2	15.0'		SAME AS ABOVE AUGER TO 15' SAMPLE TO 16.5'	1 5 6	G	.75' RECOV. SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT ..			
2. LOCATION (Coordinates or Station) -106.6887212, 34.99865495				11. DATUM FOR ELEVATION SHOWN (TBM or MSL) ..			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-02				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 0848	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1007			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE ..			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.1			SAND, SILT, TAN - BRN, DRY, NO PI	5 10 13	A	1.2' RECOV. SP-SM	
11.4	2.5'		SAND, SILT, BRN, DAMP, GRAVEL NOTED	4 4 7	B	1.4' RECOV. SM	
9.5	5.0'		SAND, CLAY, FN GRAVEL, BRN, DAMP, LOW PI	3 6 8	C	1.5' RECOV. SC	
6.2	7.5'		SAND, CLAY, BRN - TAN, DAMP TO DRY, LOW PI	7 9 10	D	1.4' RECOV. SC	
1.0	10.0'		SAND, FN GRAVEL, TAN, DAMP, NO PI	4 4 6	E	1.2' RECOV. SP	
10.7	12.5'		SAND, TAN, DAMP TO MOIST, FN GRAVEL, NO PI	4 9 10	F	1.3' RECOV. SP	
20.3	15.0'		SAND, FN GRAVEL, TAN TO BRN, MOIST TO SAT, NO PI	1 2 10	G	1.4' RECOV. WL @ 15 1/2'	
19.7	17.5'		SAND, FN GRAVEL, BRN, SAT, NO PI	1 3 4	H	1.2' RECOV. ADD WATER DN HOLE	
19.9	20.0'		SAME AS ABOVE	2 5 5	I	1.0' RECOV. SP	
..	22.5'		NO RECOVERY	7 17 14	J	.0' RECOV. ..	
21.3	25.0'		SAND, FN GRAVEL, TAN, NO PI	4 5 8	K	.9' RECOV. SP	
16.1	27.5'		SAME AS ABOVE	3 5 7	L	.75' RECOV. SP	
17.5	30.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 30' SAMPLE TO 31.5'	6 8 6	M	.75' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6853705, 35.006712572				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-03				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 1125	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1235			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
8.6			SAND, SILT, TAN, DRY, NO PI	5 9 15	A	1.1' RECOV. SM	
6.3	2.5'		SAND, GRAVEL, TAN, DAMP, NO PI	6 6 5	B	1.0' RECOV. SP-SM	
7.9	5.0'		SAND, TAN, MOIST, NO PI	6 8 12	C	1.3' RECOV. SP	
5.4	7.5'		SAND, SILT, TAN, MOIST, NO PI	2 1 3	D	.6' RECOV. SP-SM	
5.7	10.0'		SAND, GRAVEL, ORGANICS, BRN TO TAN, MOIST, NO PI	2 6 7	E	1.0' RECOV. SP	
4.9	12.5'		FN SAND, SILT, TAN, MOIST, NO PI	3 4 5	F	1.0' RECOV. SP-SM	
2.8	15.0'		SAND, SILT, FN GRAVEL, TAN, MOIST, NO PI	4 4 5	G	1.0' RECOV. SP-SM	
7.0	17.5'		SAND, SILT, FN GRAVEL, TAN, SAT, NO PI	3 2 3	H	1.0' RECOV. SM WL @ 18'	
10.4	20.0'		SAME AS ABOVE	4 3 2	I	1.0' RECOV. SP-SM ADD WATER DN HOLE	
10.4	22.5'		SAND, GRAVEL TO 1 1/2", TAN, NO PI	2 4 11	J	.75' RECOV. SP	
11.6	25.0'		SAME AS ABOVE, GRAVEL TO 1/2", SILT	7 16 13	K	.8' RECOV. SP-SM	
8.7	27.5'		SAND, FN GRAVEL, TAN, NO PI	6 14 12	L	.8' RECOV. SP	
..	30.0'		NO RECOVERY AUGER TO 30' SAMPLE TO 31.5'	2 11 10	M	.0' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6745154, 35.017626427				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-04				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 1438	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1520			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
	18.2		SAND, SILT, ORGANICS, BRN, DAMP, NO PI	2 4 5	A	.5' RECOV. SM	
	13.9	2.5'		3 3 7	B	.8' RECOV. SM	
	16.5	5.0'		3 3 4	C	.9' RECOV. WL @ 6 1/2' SP	
	13.9	7.5'		1 1 1	D	1.1' RECOV. SP-SM	
	16.7	10.0'		1 0 1	E	1.0' RECOV. ADD WATER DN HOLE SP	
	14.2	12.5'		4 3 5	F	.9' RECOV. SP-SM	
	13.2	15.0'		4 5 9	G	.8' RECOV. SP-SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6747367, 35.017626393				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-05				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 1305	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1415			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.4			SAND, SILT, GRAVEL, TAN TO BRN, DRY TO DAMP, NO PI	5 6 8	A	.9' RECOV. SM	
5.3	2.5'		SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	4 5 6	B	.95' RECOV. SM	
5.2	5.0'		SAME AS ABOVE, GRAVEL TO 1"	8 12 13	C	1.2' RECOV. SM	
6.8	7.5'		SAND, SILT, GRAVEL, TAN TO BRN, DAMP, NO PI	8 6 7	D	1.0' RECOV. SM	
8.5	10.0'		FN SAND, SILT, TAN, DAMP, NO PI	3 4 4	E	1.0' RECOV. SM	
10.6	12.5'		FN SAND, SILT, TAN, MOIST TO SAT, NO PI	3 4 5	F	1.25' RECOV. SP-SM WL @ 13 1/2'	
17.2	15.0'		FN SAND, SILT, FN GRAVEL, TAN, SAT, NO PI	1 2 5	G	1.2' RECOV. SP-SM ADD WATER DN HOLE	
17.1	17.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	6 11 10	H	1.4' RECOV. SP-SM	
20.8	20.0'		SAME AS ABOVE, GRAVEL TO 1"	1 4 8	I	.6' RECOV. SW	
22.5	22.5'		FN SAND, SILT, TAN, NO PI	3 7 6	J	.8' RECOV. SP-SM	
14.1	25.0'		SAND, GRAVEL, SILT, BRN, NO PI	2 10 9	K	.4' RECOV. SM	
36.1	27.5'		CLAY, SAND, BRN, MOD PI	1 2 3	L	.9' RECOV. CL	
37.1	30.0'		SAME AS ABOVE AUGER TO 30' SAMPLE TO 31.5'	1 2 2	M	1.3' RECOV. CL	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6749660, 35.017645298				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-06				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 8 JUN 06		STARTED 1536	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1618			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
	15.4		SAND, CLAY, ORGANICS, TAN TO BRN, DRY TO DAMP, LOW PI	3 4 2	A	CL	1.0' RECOV.
	15.1		FN SAND, TAN, DAMP TO MOIST, NO PI	3 5 5	B	SP	.9' RECOV.
	17.8		FN SAND, TAN, MOIST TO SAT, NO PI	2 1 2	C	SP	.9' RECOV. WL @ 6'
	19.7		SAND, GRAVEL, ORGANICS, TAN, NO PI	2 5 4	D	SP	.5' RECOV. ADD WATER DN HOLE
	11.9		SAND, GRAVEL, TAN, NO PI	1 0 1	E	SP	.8' RECOV.
	16.9		SAME AS ABOVE	1 2 3	F	SP	.5' RECOV.
	16.7		SAND, FN GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	4 5 7	G	SP	.6' RECOV.
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6723157, 35.011293974				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-07				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 9 JUN 06		STARTED 0842	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 0917			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
11.7			SAND, CLAY, BRN, DRY, LOW PI	1 1 2	A	.9' RECOV. CL	
15.4	2.5'		SAND, SILT, ORGANICS, BRN, DRY, NO PI	6 7 6	B	.5' RECOV. ML	
17.6	5.0'		SAND, SILT, TAN, DAMP, NO PI	3 3 4	C	.9' RECOV. SP-SM	
15.0	7.5'		SAND, SILT, FN GRAVEL, TAN, SAT, NO PI	2 2 4	D	1.1' RECOV. SP-SM @ 7'	
21.1	10.0'		SAME AS ABOVE	3 4 4	E	.8' RECOV. SP-SM	
17.0	12.5'		SAME AS @ 7 1/2'	3 1 2	F	.45' RECOV. SP-SM	
19.2	15.0'		SAND, CLAY, BRN, LOW TO MOD PI AUGER TO 15' SAMPLE TO 16.5'	1 0 0	G	.95' RECOV. CL	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6719865, 35.011219556				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-08				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 9 JUN 06		STARTED 0931	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 1048	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
6.2			CLAY, BRN, DRY, LOW PI	7 7 10	A	.6' RECOV. CL	
14.9	2.5'		CLAY, BRN, DRY, LOW PI	9 13 13	B	.5' RECOV. CL	
9.8	5.0'		SAND, CLAY, BRN, DAMP, MOD PI	5 4 5	C	.9' RECOV. SC	
14.3	7.5'		SAND, CLAY, BRN TO TAN, DAMP, LOW PI	3 3 7	D	1.1' RECOV. SC	
4.2	10.0'		FN SAND, TAN, DAMP, NO PI	2 3 3	E	1.15' RECOV. SP	
19.1	12.5'		SAND, SILT, GRAVEL, TAN, WET TO SAT, NO PI	2 5 6	F	.7' RECOV. SP-SMWL @ 13 1/2'	
16.3	15.0'		SAND, SILT, FN GRAVEL, TAN, NO PI	2 4 9	G	.7' RECOV. SW-SMWL ADD WATER DN HOLE	
30.2	17.5'		SAND, SILT, FN GRAVEL, GREY, NO PI	3 3 3	H	1.15' RECOV. SP-SMWL	
17.9	20.0'		SAME AS ABOVE, GRAVEL TO 1 1/2"	2 1 5	I	.8' RECOV. SP-SMWL	
29.5	22.5'		CLAY, SAND, BRN, ORGANICS, MOD PI	2 3 3	J	1.2' RECOV. CL	
23.9	25.0'		SAME AS ABOVE, LOW PI	2 5 11	K	1.1' RECOV. CL	
29.2	27.5'		CLAY, BRN, MOD TO HIGH PI	3 7 9	L	1.2' RECOV. CL	
26.7	30.0'		CLAY, SAND, BRN, MOD PI AUGER TO 30' SAMPLE TO 31.5'	10 8 11	M	1.1' RECOV. CL	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)		Note: soil descriptions obtained from samples at depths indicated		

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6719865, 35.011219556				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-09				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 9 JUN 06		STARTED 1138	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 1305	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.3			SAND, SILT, BRN, DRY, NO PI	6 8 13	A	1.0' RECOV. SM	
4.8	2.5'		SAND, SILT, FN GRAVEL, TAN, DRY, NO PI	10 18 22	B	1.1' RECOV. SM	
1.8	5.0'		SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	5 9 12	C	1.15' RECOV. SM	
2.9	7.5'		FN SAND, SILT, TAN, DAMP, NO PI	8 11 12	D	1.1' RECOV. SM	
1.7	10.0'		SAME AS ABOVE	5 5 11	E	.8' RECOV. SP-SM	
2.9	12.5'		SAND, SILT, TAN, DAMP, NO PI	5 7 8	F	1.1' RECOV. SP-SM	
16.5	15.0'		SAND, FN GRAVEL, MOIST TO SAT, TAN TO GREY, NO PI	2 2 5	G	1.0' RECOV. WL @ 16'	
19.5	17.5'		SAND, GREY, SAT, NO PI	2 2 8	H	1.2' RECOV. ADD WATER DN HOLE	
..	20.0'		NO RECOVERY	2 3 3	I	0' RECOV. ..	
25.0	22.5'		.6' SAND, GREY, NO PI .25' SILT, BRN, NO PI	6 6 4	J	.85' RECOV. SW-SM	
38.2	25.0'		CLAY, SAND, BRN, MOD PI	1 0 0	K	1.1' RECOV. SC	
31.8	27.5'		SAME AS ABOVE	0 0 0	L	1.2' RECOV. WT OF HAMMER PUSHED 18"	
35.4	30.0'		CLAY, SAND, BRN, MOD PI AUGER TO 30' SAMPLE TO 31.5'	1 2 4	M	1.2' RECOV. SC	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6697873, 35.023801665				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-10				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 9 JUN 06		STARTED 1317	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1352			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
7.2			SAND, CLAY, BRN, DRY, LOW PI	3 3 5	A	.7' RECOV. SC	
2.9	2.5'		SAND, SILT, TAN, DAMP, NO PI	6 11 13	B	.6' RECOV. SP-SM	
3.2	5.0'		SAME AS ABOVE	4 4 5	C	1.1' RECOV. SP-SM	
15.7	7.5'		SAND, FN GRAVEL, GREY, SAT, NO PI	3 2 5	D	.7' RECOV. WL @ 8'	
14.7	10.0'		SAME AS ABOVE	1 2 1	E	1.0' RECOV. ADD WATER DN HOLE	
20.1	12.5'		SAND, FN GRAVEL, GREY, NO PI	2 3 5	F	.6' RECOV. SP	
19.6	15.0'		SAME AS ABOVE AUGER TO 15' SAMPLE TO 16.5'	3 5 5	G	.8' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6695092, 35.02377254				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-11				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 9 JUN 06		STARTED 1405	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1437			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.7			SAND, SILT, FN GRAVEL, ORGANICS, BRN, DRY, NO PI	2 6 7	A	.9' RECOV. SM	
2.4	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	9 14 17	B	.9' RECOV. SP-SM	
2.9	5.0'		SAME AS ABOVE, NO SILT	6 8 7	C	1.0' RECOV. SP	
16.8	7.5'		SAND, TAN, DAMP TO SAT, NO PI	5 3 5	D	1.2' RECOV. SP WL @ 8 1/2'	
17.2	10.0'		SAND, FN GRAVEL, TAN TO GREY, NO PI	1 2 1	E	1.1' RECOV. SP ADD WATER DN HOLE	
15.0	12.5'		SAND, FN GRAVEL, GREY, NO PI	0 0 1	F	.8' RECOV. SP WT OF HAMMER	
17.2	15.0'		SAME AS ABOVE, GRAVEL TO 1" AUGER TO 15' SAMPLE TO 16 1/2'	4 5 7	G	.75' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6681816, 35.033050637				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-12				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 12 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0809	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 0914	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.7			SAND, SILT, GRAVEL, TAN, DRY, NO PI	2 6 7	A	.9' RECOV. SP-SM	
4.1	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 2 2	B	.9' RECOV. SM	
3.8	5.0'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	3 3 5	C	1.3' RECOV. SM	
3.6	7.5'		SAME AS ABOVE	3 4 8	D	1.2' RECOV. SM	
3.4	10.0'		FN SAND, SILT, TAN, DAMP, NO PI	4 5 7	E	1.3' RECOV. SM	
2.4	12.5'		SAND, FN TO COARSE, TAN, DAMP, NO PI	2 4 6	F	1.1' RECOV. SP	
12.2	15.0'		SAND, FN GRAVEL, TAN, DAMP TO SAT, NO PI	2 2 5	G	1.2' RECOV. SP	
14.0	17.5'		SAND, SILT, FN GRAVEL, TAN TO GREY, SAT, NO PI	1 4 3	H	1.1' RECOV. SP-SM	
13.4	20.0'		SAND, FN GRAVEL, GREY, NO PI	3 5 3	I	1.0' RECOV. SP	
..	22.5'		NO RECOVERY	6 6 9	J	0' RECOV. ..	
4.4	25.0'		SAND, FN GRAVEL, GREY, NO PI	4 5 5	K	.4' RECOV. SP	
5.4	27.5'		SAME AS ABOVE, SILT	2 5 7	L	1.0' RECOV. SP-SM	
..	30.0'		NO RECOVERY AUGER TO 30' SAMPLE TO 31.5'	6 9 13	M	0' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6644021, 35.042005349				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-13				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 12 JUN 06		STARTED 1110	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1148			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
21.8			SAND, SILT, GRAVEL, ORGANICS, BRN, DRY, NO PI	10 11 12	A	1.0' RECOV. SM	
16.1	2.5'		FN SAND, TAN, DAMP, NO PI	3 4 4	B	1.2' RECOV. SP-SM	
2.8	5.0'		SAME AS ABOVE	3 6 4	C	1.1' RECOV. SP	
16.0	7.5'		SAND, FN TO COARSE, GRAVEL TO 1 1/2", TAN, DAMP TO WET, NO PI	3 4 3	D	1.1' RECOV. WL @ 9' SP-SM	
18.2	10.0'		SAND, FN GRAVEL, TAN, SAT, NO PI	1 0 2	E	.5' RECOV. SP-SM	
16.8	12.5'		SAME AS ABOVE	2 5 4	F	.5' RECOV. SP-SM	
21.6	15.0'		SAND, FN GRAVEL, GREY, SAT, NO PI AUGER TO 15' SAMPLE TO 16.5'	2 3 3	G	.7' RECOV. SP-SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6642952, 35.04195624				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-14				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 12 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0942	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1046	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.5			SAND, SILT, GRAVEL, TAN, DRY, NO PI	8 15 23	A	1.0' RECOV. SM	
8.7	2.5'		FN SAND, FN GRAVEL, TAN, DAMP, NO PI	10 12 13	B	.9' RECOV. SP	
6.4	5.0'		SAND, SILT, TAN, DAMP, NO PI	5 6 7	C	1.0' RECOV. SP-SM	
8.7	7.5'		SAND SILT, GRAVEL TO 1 1/2", TAN, DAMP, NO PI	9 11 11	D	.6' RECOV. SP-SM	
13.0	10.0'		FN SAND, FN GRAVEL, TAN, DAMP, NO PI	5 7 7	E	1.2' RECOV. SP	
22.1	12.5'		SAND, SILT, ORGANICS, BRN, MOIST, NO PI	3 4 10	F	.9' RECOV. SP-SM	
6.8	15.0'		FN SAND, SILT, BRN, MOIST, NO PI	2 3 5	G	1.2' RECOV. SM	
19.3	17.5'		SAND, COARSE TO FN, BRN, MOIST TO SAT, NO PI	2 3 8	H	1.25' RECOV. WL @ 18 1/2'	
21.3	20.0'		FN SAND, FN GRAVEL, TAN, SAT, NO PI	5 9 9	I	1.1' RECOV. ADD WATER DN HOLE	
14.3	22.5'		SAND, FN GRAVEL, TAN, NO PI	0 3 2	J	.4' RECOV. SP	
16.0	25.0'		SAME AS ABOVE, SILT	5 4 5	K	1.2' RECOV. SP-SM	
14.1	27.5'		SAND, SILT, GRAVEL TO 1 1/2", TAN, NO PI	5 10 10	L	.3' RECOV. SP-SM	
..	30.0'		NO RECOVERY AUGER TO 30' SAMPLE TO 31.5'	4 5 8	M	0' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6641455, 35.041866277				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-15				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 12 JUN 06		STARTED 1204	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1233			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.9			SAND, SILT, ORGANICS, BRN, DRY, NO PI	5 8 9	A	1.0' RECOV. SP-SM	
3.2	2.5'		SAND, TAN, DAMP, NO PI	5 4 9	B	.9' RECOV. SP	
2.6	5.0'		SAND, SILT, TAN, MOIST, NO PI	2 3 1	C	1.1' RECOV. SP-SM	
18.6	7.5'		SAND, COARSE TO FN, TAN, MOIST TO SAT, NO PI	3 6 6	D	.9' RECOV. SP WL @ 8 1/2'	
19.5	10.0'		SAND, SILT, TAN, SAT, NO PI	1 1 2	E	.4' RECOV. SP-SM ADD WATER DN HOLE	
15.1	12.5'		SAND, FN GRAVEL, GREY, NO PI	3 2 2	F	.5' RECOV. SP	
9.1	15.0'		SAND, SILT, FN GRAVEL, GREY, NO PI AUGER TO 15' SAMPLE TO 16.5'	1 2 2	G	.6' RECOV. SW-SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6589029, 35.049030182				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-16				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 12 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 1254	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1413	
TOTAL DEPTH OF HOLE 16.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.4			FN SAND, SILT, GRAVEL, BRN, DRY, NO PI	6 17 23	A	1.1' RECOV. SM	
3.1	2.5'		FN SAND, SILT, BRN, DRY, NO PI	13 13 19	B	1.0' RECOV. SM	
4.8	5.0'		SAME AS ABOVE	6 21 30	C	1.0' RECOV. SM	
3.4	7.5'		FN SAND, SILT, BRN, DAMP, NO PI	9 13 21	D	1.1' RECOV. SM	
3.8	10.0'		SAND, SILT, GRAVEL, BRN, DAMP, NO PI	8 11 13	E	1.1' RECOV. SM	
3.1	12.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 4 12	F	1.0' RECOV. SM	
11.2	15.0'		FN SAND, SILT, TAN TO BRN, DAMP TO MOIST, NO PI	3 3 4	G	1.2' RECOV. SM	
5.6	17.5'		SAND, COARSE TO FN GRAIN, TAN, MOIST TO WET, NO PI	4 3 11	H	1.1' RECOV. WL @ 19 1/2' SP	
21.7	20.0'		SAND, SILT, FN GRAVEL, GREY, SAT, NO PI	3 7 7	I	.9' RECOV. SP-SM	
15.0	22.5'		SAND, GRAVEL, GREY, SAT, NO PI	3 3 4	J	.9' RECOV. ADD WATER DN HOLE SP	
8.6	25.0'		SAND, SILT, FN GRAVEL, TAN, NO PI	2 4 5	K	1.15' RECOV. SM	
..	27.5'		NO RECOVERY	3 6 8	L	0' RECOV. ..	
26.8	30.0'		.5' SAND, FN GRAVEL, TAN, NO PI .5' SILT, BRN, SAND, NO PI AUGER TO 30' SAMPLE TO 31.5'	4 2 2	M	1.0' RECOV. SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6569805, 35.067809952				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-17				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 12 JUN 06		STARTED 1450	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1553			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.0			SAND, SILT, GRAVEL, BRN, DRY, NO PI	6 13 14	A	.9' RECOV. SP-SM	
2.9	2.5'		FN SAND, SILT, BRN, DRY, NO PI	9 11 20	B	1.1' RECOV. SP-SM	
4.3	5.0'		SAND, SILT, BRN, DRY, NO PI	6 8 7	C	1.1' RECOV. SM	
4.5	7.5'		FN SAND, SILT, TAN, DAMP, NO PI	4 4 5	D	1.0' RECOV. SM	
29.2	10.0'		SAND, CLAY, TAN TO BRN, MOIST, LOW PI	2 3 5	E	1.1' RECOV. SM	
4.5	12.5'		FN SAND, SILT, TAN, MOIST, NO PI	3 6 8	F	1.1' RECOV. SP-SM	
21.0	15.0'		FN SAND, TAN, MOIST TO SAT, NO PI	2 3 5	G	1.2' RECOV. WL @ 16'	
..	17.5'		NO RECOVERY	1 0 4	H	0' RECOV. ADD WATER DN HOLE	
..	20.0'		NO RECOVERY	1 4 3	I	0' RECOV.	
9.8	22.5'		SAND, FN GRAVEL, TAN, NO PI	3 5 4	J	.8' RECOV. SP	
8.9	25.0'		SAME AS ABOVE	3 4 3	K	.8' RECOV. SW	
..	27.5'		NO RECOVERY	0 0 3	L	0' RECOV. WT OF HAMMER	
23.6	30.0'		SAND, SILT, GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	1 3 2	M	.8' RECOV. SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6568166, 35.067830559				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-18				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 12 JUN 06		STARTED 1615	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1646			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.0			SAND, SILT, GRAVEL, BRN, DRY, NO PI	6 6 6	A	.8' RECOV. SM	
25.1	2.5'		SAND, SILT, GRAVEL, BRN, MOIST, NO PI	3 3 5	B	1.0' RECOV. SM	
16.1	5.0'		FN SAND, SILT, BRN TO TAN, MOIST, NO PI	2 4 4	C	.7' RECOV. SM	
18.4	7.5'		SAND, SILT, FN GRAVEL, TAN TO GREY, MOIST TO SAT, NO PI	2 3 2	D	1.2' RECOV. SP-SMWL @ 9'	
14.2	10.0'		SAND, GRAVEL, GREY, SAT, NO PI	2 2 2	E	1.1' RECOV. SP	
14.0	12.5'		SAND, SILT, GRAVEL, GREY, NO PI	2 3 4	F	.5' RECOV. SP-SM ADD WATER DN HOLE	
15.1	15.0'		SAND, FN GRAVEL, GREY, NO PI AUGER TO 15' SAMPLE TO 16.5'	2 3 5	G	.6' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6619102, 35.066576239				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-19				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 13 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0830	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 0948	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.4			SAND, SILT, FN GRAVEL, BRN, DRY, NO PI	10 14 14	A	.9' RECOV. SM	
3.8	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	5 6 7	B	.85' RECOV. SM	
4.3	5.0'		SAME AS ABOVE	4 5 7	C	1.0' RECOV. SM	
2.2	7.5'		FN SAND, SILT, TAN, DAMP, NO PI	1 3 5	D	.9' RECOV. SM	
6.1	10.0'		SILT, TAN, DAMP, LOW PI	4 7 7	E	1.0' RECOV. ML	
1.2	12.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 4 3	F	.3' RECOV. SP-SM	
2.1	15.0'		SAND, FN TO COARSE, DAMP TO MOIST, TAN, NO PI	2 3 4	G	.9' RECOV. SP	
18.1	17.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	2 3 4	H	.9' RECOV. WL @ 18'	
12.8	20.0'		SAME AS ABOVE	2 3 3	I	.9' RECOV. ADD WATER DN HOLE	
..	22.5'		SAND, FN GRAVEL, TAN, NO PI	3 5 6	J	.75' RECOV. ..	
14.4	25.0'		SAND, FN GRAVEL, TAN, NO PI	3 5 7	K	.55' RECOV. SP	
16.6	27.5'		SAME AS ABOVE	4 5 8	L	.4' RECOV. SP	
13.4	30.0'		SAND, SILT, FN GRAVEL, TAN, NO PI AUGER TO 30' SAMPLE TO 31.5'	3 3 4	M	.9' RECOV. SP-SM	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6617747, 35.066598057				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-20				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 13 JUN 06		STARTED 1006	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1034			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.9			FN SAND, SILT, TAN, DRY, NO PI	1 3 3	A	1.0' RECOV. SP-SM	
2.2	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	5 8 7	B	1.0' RECOV. SP-SM	
1.7	5.0'		SILT, TAN, DAMP, NO PI	3 4 3	C	1.0' RECOV. SM	
1.9	7.5'		FN SAND, TAN, MOIST, NO PI	2 4 5	D	1.2' RECOV. SP	
13.8	10.0'		FN SAND, TAN, MOIST TO WET, NO PI	3 3 3	E	1.1' RECOV. SP	
19.1	12.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	1 5 7	F	1.1' RECOV. WL @ 12'	
18.3	15.0'		SAND, GRAVEL, TAN, SAT, NO PI AUGER TO 15' SAMPLE TO 16.5'	2 3 4	G	.9' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6609862, 35.005607532				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-21				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 13 JUN 06		STARTED 1204	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1322			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.9			SILT, GRAVEL, BRN, DRY, LOW PI	9 15 24	A	1.1' RECOV. SM	
3.4	2.5'		SILT, TAN, DAMP, NO PI	14 16 16	B	1.0' RECOV. SM	
4.8	5.0'		SILT, GRAVEL, BRN, DAMP, NO PI	8 5 5	C	1.0' RECOV. SM	
3.9	7.5'		SILT, TAN, DAMP, NO PI	5 4 7	D	1.0' RECOV. SM	
9.4	10.0'		SILT, TAN TO BRN, DAMP, NO PI	3 3 5	E	1.0' RECOV. SM	
16.5	12.5'		FN SAND, SILT, BRN, MOIST, NO PI	3 3 5	F	1.1' RECOV. SM	
16.2	15.0'		SAND, SILT, FN GRAVEL, TAN, SAT, NO PI	6 7 5	G	.8' RECOV. SP-SM W @ 16'	
16.5	17.5'		SAND, FN GRAVEL, TAN, NO PI	2 3 6	H	.9' RECOV. SP ADD WATER DN HOLE	
16.4	20.0'		SAND, FN GRAVEL, TAN, NO PI	2 4 4	I	.9' RECOV. SP	
15.9	22.5'		SAND, FN GRAVEL, SILT, TAN TO BRN, NO PI	1 2 0	J	.9' RECOV. SW-SM	
..	25.0'		NO RECOVERY	2 2 5	K	0' RECOV. ..	
28.8	27.5'		SAND, SILT, BRN, NO PI	5 2 2	L	.6' RECOV. SM	
24.5	30.0'		SILT, GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	4 7 3	M	.6' RECOV. ML	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6680195, 35.044837525				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-23				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 13 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 1353	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1507	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.6			SAND, SILT, GRAVEL, BRN, DRY, NO PI	8 15 11	A	.8' RECOV. SM	
7.1	2.5'		FN SAND, SILT, BRN, DAMP, NO PI	4 5 6	B	1.1' RECOV. SM	
2.8	5.0'		FN SAND, SILT, TAN, DAMP, NO PI	4 5 10	C	1.1' RECOV. SM	
2.0	7.5'		SAND, SILT, GRAVEL, TAN, DAMP, NO PI	9 13 13	D	1.1' RECOV. SP-SM	
2.1	10.0'		SILT, TAN, DAMP, NO PI	9 9 12	E	.5' RECOV. SM	
4.9	12.5'		SAME AS ABOVE	3 5 8	F	1.1' RECOV. SM	
2.8	15.0'		FN SAND, TAN, DAMP TO MOIST, NO PI	4 3 7	G	.9' RECOV. WL @ 17' SP	
19.9	17.5'		SAND COARSE TO FN, GREY, NO PI	2 6 4	H	1.1' RECOV. ADD WATER DN HOLE SP	
18.7	20.0'		SAND, TAN, NO PI	2 2 6	I	.6' RECOV. SP	
16.2	22.5'		SAND, GREY, FN GRAVEL, NO PI	2 2 2	J	.5' RECOV. SP	
14.7	25.0'		SAND, FN GRAVEL, TAN, NO PI	5 9 6	K	1.1' RECOV. SP	
..	27.5'		NO RECOVERY	5 6 5	L	0' RECOV. ..	
16.7	30.0'		SAND, FN GRAVEL, GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	3 5 8	M	.7' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6735740, 35.03582966				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-25				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 13 JUN 06		STARTED 1530	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1642			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) e	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.6			SAND, SILT, ORGANICS, BRN, DRY TO DAMP, NO PI	3 8 11	A	.7' RECOV. SM	
4.7	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	9 11 10	B	1.0' RECOV. SM	
9.9	5.0'		FN SAND, SILT, GRAVEL, BRN, DAMP, NO PI	6 12 14	C	1.1' RECOV. SM	
9.8	7.5'		SILT, BRN, DAMP, NO PI	5 5 6	D	1.2' RECOV. ML	
12.7	10.0'		SAME AS ABOVE, ORGANICS	4 7 6	E	1.1' RECOV. ML	
22.5	12.5'		SILT, BRN, ORGANICS, WET, NO PI	2 2 5	F	.9' RECOV. ML	
23.5	15.0'		FN SAND, ORGANICS, GREY, WET, NO PI	3 2 7	G	1.2' RECOV. WL @ 16' SP	
14.7	17.5'		SAND, GRAVEL, TAN, NO PI	2 5 6	H	.8' RECOV. ADD WATER DN HOLE SP	
..	20.0'		NO RECOVERY	6 5 3	I	0' RECOV. ..	
14.0	22.5'		SAND, GRAVEL, TAN, NO PI	7 7 6	J	.7' RECOV. SP	
14.2	25.0'		SAME AS ABOVE	3 1 3	K	.4' RECOV. SP	
14.8	27.5'		SAND, FN GRAVEL, GREY, NO PI	5 6 7	L	.6' RECOV. SP	
17.6	30.0'		SAME AS ABOVE, SILT AUGER TO 30' SAMPLE TO 31.5'	6 8 13	M	.5' RECOV. SP-SM	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6737389, 35.035820898				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-26				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 14 JUN 06		STARTED 0753	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 0831			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.0			SAND, SILT, ORGANICS, BRN, DRY, NO PI	4 16 9	A	1.1' RECOV. SM	
21.3	2.5'		SAND, CLAY, BRN, DAMP, LOW PI	2 3 6	B	1.1' RECOV. SC-SM	
24.0	5.0'		SAND, SILT, BRN, DAMP TO WET, NO PI	4 6 6	C	1.25' RECOV. WL @ 7' SM	
16.9	7.5'		COARSE SAND, FN GRAVEL, TAN, NO PI	2 1 3	D	.9' RECOV. ADD WATER DN HOLE SP	
20.9	10.0'		SAME AS ABOVE	1 2 2	E	.5' RECOV. SP	
18.8	12.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	2 3 5	F	1.0' RECOV. SW-SM	
3.3	15.0'		FN GRAVEL, SAND, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	5 6 10	G	1.1' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6673183, 35.072079036				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-27				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 14 JUN 06		STARTED 1245	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1322			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
..		.	NO RECOVERY	7 4 2	A	0' RECOV.	
2.0	2.5'		SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	3 4 5	B	.9' RECOV. SP-SM	
18.2	5.0'		SAND, SILT, GRAVEL, TAN, DAMP TO WET, NO PI	4 5 6	C	1.1' RECOV. SW-SM	
7.2	7.5'		SAND, FN GRAVEL, TAN, WET, NO PI	1 0 1	D	.8' RECOV. WL @ 9 1/2'	
88.1	10.0'		SAND, FN GRAVEL, GREY, SAT, NO PI	3 1 2	E	1.0' RECOV. SP	
18.7	12.5'		SAME AS ABOVE	1 1 4	F	1.1' RECOV. SP	
11.9	15.0'		SAND, FN GRAVEL, GREY, SAT, NO PI AUGER TO 15' SAMPLE TO 16.5'	4 7 8	G	1.1' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6672062, 35.072220052				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-28				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 14 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 1102	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1225	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.7			SAND, SILT, GRAVEL, BRN, DRY, NO PI	13 22 29	A	SM	1.1' RECOV.
3.6	2.5'		SAME AS ABOVE, DAMP	7 8 13	B	SM	1.0' RECOV.
7.4	5.0'		FN SAND, SILT, BRN TO TAN, DAMP, NO PI	7 6 7	C	SM	1.1' RECOV.
11.2	7.5'		SILT, FN GRAVEL, TAN, MOIST, NO PI	6 9 8	D	ML	1.0' RECOV.
12.0	10.0'		SILT, TAN, MOIST, NO PI	6 2 4	E	ML	.9' RECOV.
42.9	12.5'		CLAY, SAND, BRN, MOIST, MOD PI	1 2 4	F	CL	1.0' RECOV.
21.7	15.0'		SAND, SILT, TAN, MOIST TO SAT, NO PI	1 2 1	G	SM	1.2' RECOV. WL @ 16'
23.2	17.5'		FN SAND, SILT, GREY, NO PI	3 2 4	H	SP-SM	.8' RECOV. ADD WATER DN HOLE
17.1	20.0'		SAND, FN GRAVEL, GREY, NO PI	3 2 5	I	SP	1.1' RECOV.
13.3	22.5'		SAME AS ABOVE	3 5 7	J	SP	1.0' RECOV.
7.7	25.0'		SAND, FN GRAVEL, GREY TO TAN, NO PI	6 8 7	K	SP	1.0' RECOV.
6.5	27.5'		SAND, GRAVEL TO 1 1/2", TAN, NO PI	10 16 15	L	SP	1.1' RECOV.
15.6	30.0'		SAME AS ABOVE AUGER TO 30' SAMPLE TO 31.5'	6 13 14	M	SP	1.0' RECOV.
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6671130, 35.07229166				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-29				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 14 JUN 06		STARTED 1345	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1417			
TOTAL DEPTH OF HOLE 16.5				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
	8.1		CLAY, SAND, SILT, ORGANICS, BRN, DAMP, LOW PI	4 7 8	A	.9' RECOV. SC-SM	
	18.2		SILT, ORGANICS, BRN, DAMP, NO PI	10 9 7	B	1.1' RECOV. ML	
	31.1		CLAY, SAND, BRN, MOD PI, MOIST	1 3 7	C	1.1' RECOV. CL	
	17.4		SAND, SILT, FN GRAVEL, GREY, SAT, NO PI	2 3 2	D	1.0' RECOV. SP-SMWL @ 7 1/2'	
	16.3		SAND, FN GRAVEL, GREY, SAT, NO PI	1 3 4	E	1.0' RECOV. SP	
	16.2		SAND, FN GRAVEL, GREY, SAT, NO PI	2 3 6	F	.8' RECOV. SP	
	12.5		SAND, FN GRAVEL, TAN, SAT, NO PI AUGER TO 15' SAMPLE TO 16.5'	6 7 5	G	1.1' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6785517, 35.084336222				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-30				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 15 JUN 06		STARTED 0810	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 0935	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.1			SAND, SILT, GRAVEL, BRN, DRY TO DAMP, NO PI	4 9 10	A	1.0' RECOV. SM	
4.2	2.5'		FN SAND, SILT, BRN, DAMP, NO PI	11 12 14	B	1.1' RECOV. SM	
3.2	5.0'		FN SAND, SILT, TAN, DAMP, NO PI	5 8 12	C	1.2' RECOV. SM	
2.2	7.5'		SAND, SILT, TAN, DAMP, NO PI	6 9 14	D	1.2' RECOV. SP-SM	
11.2	10.0'		SAND, SILT, TAN TO BRN, DAMP, NO PI	3 3 8	E	1.2' RECOV. SM	
10.3	12.5'		FN SAND, TAN, DAMP TO WET, NO PI	7 7 14	F	1.2' RECOV. SP	
18.4	15.0'		SAND, TAN TO GREY, FN GRAVEL, WET, NO PI	2 1 9	G	1.3' RECOV. WL @ 17'	
10.9	17.5'		SAND, GRAVEL GREY, SAT, NO PI	3 5 11	H	1.2' RECOV. ADD WATER DN HOLE	
..	20.0'		NO RECOVERY	2 8 3	I	0' RECOV. ..	
14.5	22.5'		SAND, FN GRAVEL, GREY, NO PI	4 7 12	J	.6' RECOV. SP	
..	25.0'		NO RECOVERY	4 6 11	K	0' RECOV. INSTALLED NEW CATCHER	
17.0	27.5'		SAND, FN GRAVEL, GREY, NO PI	2 3 2	L	.3' RECOV. SP	
16.7	30.0'		SAND, SILT, FN GRAVEL, GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	4 9 8	M	.7' RECOV. SW-SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6786698, 35.08427778				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-31				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 15 JUN 06		STARTED 0957	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1033			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.0			FN SAND, SILT, ORGANICS, BRN, DRY, NO PI	10 10 8	A	1.2' RECOV. SM	
9.0	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 6 7	B	1.0' RECOV. SP-SM	
18.9	5.0'		SAND, FN GRAVEL, TAN, SAT, NO PI	2 2 4	C	.8' RECOV. WL @ 5'	
12.6	7.5'		SAME AS ABOVE	1 0 1	D	.7' RECOV. ADD WATER DN HOLE	
..	10.0'		NO RECOVERY	1 0 1	E	0' RECOV. ..	
18.0	12.5'		SAND, FN GRAVEL, TAN, NO PI	2 1 2	F	.7' RECOV. SP	
20.0	15.0'		SAME AS ABOVE AUGER TO 15' SAMPLE TO 16.5'	3 5 4	G	.5' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6636957, 35.076092587				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-32				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 14 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0921	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1030	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
4.3			SAND, SILT, CLAY, GRAVEL, BRN, LOW PI	4 5 4	A	.8' RECOV. SM	
3.1	2.5'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	7 12 16	B	1.0' RECOV. SP-SM	
6.7	5.0'		SAND, SILT, TAN, DAMP, LOW PI	4 8 10	C	.9' RECOV. SM	
5.5	7.5'		FN SAND, SILT, BRN, DAMP, LOW PI	7 9 16	D	1.2' RECOV. SM	
16.8	10.0'		SAND, SILT, DK BRN, MOIST, LOW PI	7 14 5	E	1.0' RECOV. SM	
16.6	12.5'		FN SAND, SILT, TAN, MOIST, NO PI	4 6 5	F	1.2' RECOV. SP-SM	
21.8	15.0'		FN SAND, TAN, SAT, NO PI	1 3 6	G	1.0' RECOV. WL @ 15'	
22.9	17.5'		FN SAND, TAN, NO PI	9 10 10	G	.8' RECOV. ADD WATER DN HOLE	
14.6	20.0'		SILT, FN GRAVEL, TAN, NO PI	4 6 3	G	1.0' RECOV. SM	
34.6	22.5'		CLAY, SAND, GREY, MOD PI	6 8 7	G	1.0' RECOV. CL	
42.2	25.0'		CLAY, SAND, GREY, LOW PI	2 2 5	G	1.0' RECOV. CL	
18.1	27.5'		SAND, FN GRAVEL, GREY, NO PI	1 3 6	G	1.0' RECOV. SP	
..	30.0'		SAME AS ABOVE AUGER TO 30' SAMPLE TO 31.5'	6 7 7	G	1.1' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6906029, 35.092906367				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-33				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 15 JUN 06		STARTED 1108	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1225			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.5			SILT, BRN, DRY, NO PI	15 18 15	A	.9' RECOV. ML	
5.3	2.5'		FN SAND, SILT, BRN, DAMP, NO PI	10 16 16	B	1.1' RECOV. SM	
3.5	5.0'		SAME AS ABOVE	3 9 10	C	1.0' RECOV. SP-SM	
4.5	7.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 3 6	D	1.2' RECOV. SP-SM	
2.2	10.0'		FN SAND, TAN, DAMP, NO PI	6 7 10	E	1.0' RECOV. SP	
18.1	12.5'		FN SAND, TAN, MOIST TO SAT, NO PI	4 2 5	F	1.2' RECOV. SP WL @ 13 1/2'	
17.6	15.0'		SAND, FN GRAVEL, TAN, NO PI	1 2 4	G	.9' RECOV. SP ADD WATER DN HHOLE	
16.9	17.5'		SAND, GRAVEL, TAN, NO PI	4 5 3	H	.7' RECOV. SP	
17.0	20.0'		SAME AS ABOVE	1 2 4	I	1.0' RECOV. SP	
0.6	22.5'		GRAVEL, SAND, TAN, NO PI	9 11 13	J	.9' RECOV. GP	
5.1	25.0'		SAME AS ABOVE	8 15 18	K	.4' RECOV. GW	
..	27.5'		NO RECOVERY	4 7 10	L	0' RECOV. ..	
..	30.0'		NO RECOVERY AUGER TO 30' SAMPLE TO 31.5'	5 9 11	M	0' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6906901, 35.092819318				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-34				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 15 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 1245	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1317	
TOTAL DEPTH OF HOLE 16.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.2			SAND, SILT, ORGANICS, BRN, DRY, NO PI	4 7 8	A	1.0' RECOV. SM	
3.5	2.5'		FN SAND, SILT, ORGANICS, TAN, DAMP, NO PI	5 8 11	B	1.1' RECOV. SP-SM	
11.2	5.0'		SAND, TAN, DAMP TO WET, NO PI	1 4 4	C	1.0' RECOV. SP	
13.4	7.5'		SAND, GRAVEL, TAN, SAT, NO PI	3 1 2	D	.6' RECOV. WL @ 8' SP	
16.0	10.0'		SAND, FN GRAVEL, TAN, NO PI	2 4 3	E	.6' RECOV. ADD WATER DN HOLE SP	
19.1	12.5'		SAME AS ABOVE	2 3 5	F	.6' RECOV. SP	
14.3	15.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	3 5 6	G	.6' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6857062, 35.094456763				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-35				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 15 JUN 06		STARTED 1345	
8. DEPTH DRILLED INTO ROCK ..				17. ELEVATION TOP OF HOLE		COMPLETED 1507	
TOTAL DEPTH OF HOLE 31.5'				18. TOTAL CORE RECOVERY FOR BORING N/A %		19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO	
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.0			SAND, SILT, FN GRAVEL, DRY TO DAMP, TAN, NO PI	16 16 10	A	.9' RECOV. SM	
2.9	2.5'		SAME AS ABOVE, DAMP	16 18 21	B	1.1' RECOV. SP-SM	
2.9	5.0'		SAND, FN GRAVEL, TAN, MOIST, NO PI	4 11 14	C	1.1' RECOV. SP-SM	
4.6	7.5'		SAND, GRAVEL, TAN, MOIST, NO PI	13 12 9	D	.8' RECOV. SP-SM	
4.7	10.0'		SILT, TAN, MOIST, NO PI	9 13 7	E	.6' RECOV. SM	
3.3	12.5'		SAND, GRAVEL, TAN, MOIST, NO PI	3 5 9	F	.8' RECOV. SP	
5.4	15.0'		SAND, FN GRAVEL, TAN, MOIST TO WET, NO PI	3 3 6	G	1.0' RECOV. WL @ 17'	
24.3	17.5'		SAND, FN GRAVEL, TAN TO GREY, SAT, NO PI	3 1 2	H	.8' RECOV. ADD WATER DN HOLE	
..	20.0'		NO RECOVERY	2 3 5	I	0' RECOV. ..	
9.4	22.5'		SAND, FN GRAVEL, TAN, NO PI	2 3 10	J	.7' RECOV. SP	
15.2	25.0'		SAME AS ABOVE	2 3 4	K	.8' RECOV. SP	
..	27.5'		NO RECOVERY	5 7 9	L	0' RECOV. ..	
11.1	30.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 30' SAMPLE TO 31.5'	3 3 5	M	.8' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6857877, 35.094360555				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-36				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 16 JUN 06		STARTED 0839	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 0917			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
4.0			SILT, SAND, ORGANICS, BRN, DRY, NO PI	3 2 3	A	1.1' RECOV. SM	
4.1	2.5'		FN SAND, TAN, DAMP, NO PI	2 3 6	B	1.1' RECOV. SP-SM	
2.0	5.0'		SAND, TAN, MOIST, NO PI	3 2 3	C	.9' RECOV. SP	
11.4	7.5'		SAND, FN GRAVEL, TAN, MOIST TO SAT, NO PI	4 3 2	D	1.0' RECOV. WL @ 8 1/2' SP	
15.7	10.0'		SAND, SILT, GRAVEL, TAN, SAT, NO PI	3 2 3	E	.5' RECOV. SP-SM	
13.9	12.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	4 2 1	F	.7' RECOV. SP	
17.6	15.0'		SAME AS ABOVE, SILT AUGER TO 15' SAMPLE TO 16.5'	2 2 3	G	.4' RECOV. SP-SM	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6856437, 35.09456447				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-37				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 16 JUN 06		STARTED 0938	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1010			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.0			SILT, SAND, BRN, DRY, NO PI	1 0 8	A	.9' RECOV. SP-SM	
2.0	2.5'		SAND, GRAVEL, TAN, DAMP, NO PI	4 5 4	B	.6' RECOV. SP	
..	5.0'		NO RECOVERY	7 6 7	C	0' RECOV. ..	
15.8	7.5'		SAND, FN GRAVEL, TAN, MOIST TO SAT, NO PI	3 1 1	D	1.2' RECOV. SP WL @ 8 1/2'	
18.9	10.0'		SAND, FN GRAVEL, TAN, SAT, NO PI	1 1 2	E	1.0' RECOV. SP	
17.6	12.5'		SAME AS ABOVE	1 1 5	F	1.1' RECOV. SP	
..	15.0'		NO RECOVERY AUGER TO 15' SAMPLE TO 16.5'	3 2 3	G	0' RECOV. ..	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6908379, 35.104081847				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-38				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 16 JUN 06		STARTED 1043	
8. DEPTH DRILLED INTO ROCK ..				17. ELEVATION TOP OF HOLE		COMPLETED 1202	
TOTAL DEPTH OF HOLE 31.5'				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
4.0			SAND, SILT, GRAVEL, BRN, DRY, NO PI	8 9 10	A	1.0' RECOV. SM	
4.8	2.5'		SAND, SILT, BRN, DRY, NO PI	8 12 12	B	.9' RECOV. SM	
2.4	5.0'		FN SAND, SILT, TAN, DAMP, NO PI	7 11 14	C	1.2' RECOV. SP-SM	
3.8	7.5'		SAND, SILT, TAN, DAMP, NO PI	10 12 21	D	1.2' RECOV. SM	
7.1	10.0'		FN SAND, SILT, BRN, DAMP, NO PI	7 10 16	E	1.1' RECOV. SM	
12.7	12.5'		FN SAND, CLAY, BRN, MOIST, LOW PI	2 6 10	F	1.2' RECOV. SC	
27.4	15.0'		CLAY, SAND, GREY, MOIST TO WET, MOD PI	2 6 4	G	1.1' RECOV. WL @ 16 1/5' SC	
15.0	17.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	4 4 8	H	1.2' RECOV. ADD WATER DN HOLE SP	
19.1	20.0'		SILT, FN GRAVEL, TAN, NO PI	2 2 4	I	.7' RECOV. SM	
19.7	22.5'		SILT, FN GRAVEL, TAN, NO PI	3 2 5	J	.8' RECOV. SM	
20.6	25.0'		SAND, FN GRAVEL, CLAY, TAN, LOW PI	1 1 2	K	.5' RECOV. SP-SC	
13.9	27.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	5 5 7	L	.6' RECOV. SP-SM	
17.6	30.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 30' SAMPLE TO 31.5'	5 8 12	M	.3' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6910674, 35.104114611				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-39				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 16 JUN 06		STARTED 1224	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1300			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
	8.2		CLAY, BRN, DRY, MOD PI	2 2 4	A	.5' RECOV. CH	
	8.4		CLAY, SAND, BRN, DRY, MOD PI	4 5 6	B	.3' RECOV. CL	
	3.6		SAND, SILT, FN GRAVEL, TAN, MOIST, NO PI	3 4 7	C	1.1' RECOV. SP-SMWL @ 7'	
	17.2		SAND, FN GRAVEL, TAN, SAT, NO PI	10 12 21	D	1.0' RECOV. SP	
	17.6		SAME AS ABOVE	2 2 2	E	1.2' RECOV. ADD WATER DN HOLE SP	
	20.0		SAND, SILT, FN GRAVEL, TAN, NO PI	3 3 6	F	.4' RECOV. SP-SM	
	14.2		SAND, FN GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	1 3 5	G	.65' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6907218, 35.104076497				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-40				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 16 JUN 06		STARTED 1317	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1340			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.3			SILT, SAND, TAN, DRY, ORGANICS, NO PI	4 7 9	A	.8' RECOV. SM	
1.6	2.5'		SAND, SILT, FN GRAVEL, DAMP, ORGANICS, NO PI	7 13 14	B	1.0' RECOV. SP-SM	
0.9	5.0'		SAME AS ABOVE	8 11 8	C	1.1' RECOV. SP-SM	
22.5	7.5'		CLAY, ORGANICS, BRN, DAMP, LOW TO MOD PI	3 4 5	D	.9' RECOV. WL @ 9 1/2' CH	
36.2	10.0'		CLAY, BRN, SAT, HIGH PI	2 2 3	E	1.0' RECOV. ADD WATER DN HOLE CH	
35.3	12.5'		CLAY, SAND, BRN, MOD PI	5 4 4	F	1.1' RECOV. SC	
24..4	15.0'		SAND, SILT, GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	1 3 4	G	.5' RECOV. SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6895723, 35.112963014				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-41				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 19 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0808	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 0934	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.6			SILT, SAND, GRAVEL, BRN, DRY, NO PI	9 8 10	A	.9' RECOV. SM	
5.9	2.5'		SAND, SILT, BRN, DAMP, NO PI	8 14 15	B	.9' RECOV. SM	
6.5	5.0'		SAME AS ABOVE	10 13 13	C	1.0' RECOV. SM	
4.0	7.5'		SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	7 7 11	D	1.1' RECOV. SM	
2.0	10.0'		FN SAND, SILT, TAN, DAMP, NO PI	7 8 14	E	1.0' RECOV. SP-SM	
18.3	12.5'		SAND, SILT, BRN, MOIST, NO PI	3 6 11	F	1.1' RECOV. SM	
21.2	15.0'		SAND, SILT, BRN, MOIST TO SAT, NO PI	4 2 2	G	1.1' RECOV. WL @ 16' SM	
..	17.5'		NO RECOVERY	1 2 5	H	0' RECOV. ADD WATER DN HOLE ..	
..	20.0'		NO RECOVERY	1 2 4	I	0' RECOV. ..	
18.4	22.5'		SAND, FN GRAVEL, TAN, NO PI	3 4 6	J	.9' RECOV. SP	
19.4	25.0'		SAME AS ABOVE	2 3 5	K	.55' RECOV. SP	
20.7	27.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	4 5 6	L	.5' RECOV. SP-SM	
23.2	30.0'		SAND, SILT, FN GRAVEL, TAN, NO PI AUGER TO 30' SAMPLE TO 31.5'	3 4 8	M	.75' RECOV. SM	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6897183, 35.112949095				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-42				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 19 JUN 06		STARTED 0957	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1039			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.3			CLAY, SAND, BRN, DRY, LOW PI	3 6 7	A	.3' RECOV. SC	
3.2	2.5'		SAND, SILT, TAN, DAMP, NO PI	4 5 9	B	1.0' RECOV. SP-SM	
19.2	5.0'		SAND, TAN, MOIST TO SAT, NO PI	2 3 8	C	1.1' RECOV. WL @ 6 1/2'	
20.3	7.5'		SAND, GRAVEL, TAN, NO PI	1 2 2	D	1.1' RECOV. ADD WATER DN HOLE	
..	10.0'		NO RECOVERY	1 0 2	E	0' RECOV. ..	
15.8	12.5'		SAND, FN GRAVEL, TAN, NO PI	1 1 3	F	.6' RECOV. SP	
16.6	15.0'		SAME AS ABOVE AUGER TO 15' SAMPLE TO 16 1/2'	3 4 6	G	.5' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6894365, 35.112972449				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-43				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 19 JUN 06		STARTED 1106	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1139			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
0.8			SAND, SILT, FN GRAVEL, TAN, DRY, NO PI, ORGANICS	2 3 5	A	.8' RECOV. SW-SM	
10.3	2.5'		SAND, SILT, TAN TO BRN, MOIST TO WET, NO PI	3 3 2	B	1.2' RECOV. SM	
18.4	5.0'		SILT, BRN, MOIST, LOW PI	2 4 3	C	1.0' RECOV. ML	
19.9	7.5'		SAND, FN GRAVEL, TAN, WET TO SAT, NO PI	3 3 6	D	1.0' RECOV. WL @ 7' SP	
18.2	10.0'		SAME AS ABOVE, GRAVEL TO 1", SILT	2 3 4	E	.7' RECOV. SP-SM	
16.6	12.5'		FN GRAVEL, SAND, SILT, TAN, NO PI	2 2 5	F	.7' RECOV. SP-SM	
11.6	15.0'		SAND, TAN, NO PI AUGER TO 15' SAMPLE TO 16 1/2'	1 1 1	G	.3' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6853587, 35.130556602				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-44				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 19 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 1208	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 1325	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.1			SAND, SILT, GRAVEL, .2' ASPHALT, DRY, NO PI	12 30 18	A	.9' RECOV. SM	
4.2	2.5'		FN SAND, SILT, TAN, DAMP, NO PI	7 9 13	B	1.1' RECOV. SM	
4.0	5.0'		FN SAND, SILT, BRN, DAMP, NO PI	5 5 5	C	1.1' RECOV. SM	
3.1	7.5'		FN SAND, SILT, TAN, DAMP, NO PI	5 4 5	D	1.0' RECOV. SM	
7.8	10.0'		FN SAND, SILT, BRN, DAMP, NO PI	4 3 4	E	.3' RECOV. SM	
4.0	12.5'		FN SAND, SILT, TAN, MOIST, NO PI	2 3 5	F	1.1' RECOV. SP-SM	
16.7	15.0'		FN SAND, TAN, MOIST TO SAT, NO PI	3 4 4	G	1.0' RECOV. SP WL @ 15 1/2' ADD WATER DN HOLE	
20.8	17.5'		FN SAND, TAN, NO PI	2 3 4	H	1.0' RECOV. SP	
21.0	20.0'		SAND, FN GRAVEL, SILT, BRN, NO PI	1 1 0	I	1.0' RECOV. SP-SM	
22.4	22.5'		SAND, SILT, BRN, NO PI	2 7 5	J	.75' RECOV. SM	
35.0	25.0'		CLAY, SAND, BRN, MOD TO HIGH PI	1 3 5	K	1.0' RECOV. CH	
26.1	27.5'		SAME AS ABOVE	4 3 3	L	1.0' RECOV. CH	
20.5	30.0'		CLAY, SAND, BRN, LOW TO MOD PI AUGER TO 30' SAMPLE TO 31.5'	2 3 4	M	1.0' RECOV. CL	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35.				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-45				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 19 JUN 06		STARTED 1345	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1417			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.7			SAND, SILT, GRAVEL, DRY TO DAMP, TAN, NO PI	7 10 14	A	.8' RECOV. SM	
17.2	2.5'		CLAY, SAND, BRN TO TAN, DAMP, LOW PI	5 7 8	B	1.1' RECOV. SC	
10.9	5.0'		SAND, SILT, TAN, DAMP TO WET, NO PI	4 5 5	C	.9' RECOV. SP-SMWL @ 7'	
24.8	7.5'		CLAY, SAND, GRAVEL, TAN TO BRN, MOD PI	3 2 3	D	1.0' RECOV. SC ADD WATER DN HOLE	
..	10.0'		NO RECOVERY	1 2 2	E	0' RECOV. ..	
..	12.5'		NO RECOVERY	1 0 2	F	0' RECOV. ..	
19.6	15.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	2 1 3	G	.55' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6779018, 35.140421707				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-47				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 20 JUN 06		STARTED 0806	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 0913			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
5.6			SAND, SILT, GRAVEL, BRN, DRY TO DAMP, NO PI	7 9 10	A	.8' RECOV. SM	
6.9	2.5'		SAND, SILT, TAN, DAMP, NO PI	4 9 10	B	.9' RECOV. SM	
6.9	5.0'		SAND, SILT, BRN, DAMP, NO PI	3 8 12	C	.95' RECOV. SM	
5.2	7.5'		SAME AS ABOVE	11 14 14	D	1.0' RECOV. SM	
12.2	10.0'		SAND, CLAY, BRN, MOIST, LOW PI	5 3 6	E	1.1' RECOV. SC	
1.7	12.5'		FN SAND, TAN, MOIST, NO PI	3 4 5	F	1.0' RECOV. SP	
9.7	15.0'		SAND, SILT, TAN, MOIST TO WET, NO PI	3 4 7	G	1.0' RECOV. SP-SM	
11.9	17.5'		SAND, GRAVEL, TAN, SAT, NO PI	4 5 9	H	.6' RECOV. WL @ 18' SP	
14.7	20.0'		SAND, TAN, FN GRAVEL, SAT, NO PI	4 7 4	I	.8' RECOV. ADD WATER DN HOLE SP	
15.5	22.5'		SAND, FN GRAVEL, TAN, NO PI	4 4 5	J	.8' RECOV. SP	
17.5	25.0'		SAME AS ABOVE	3 6 6	K	.2' RECOV. SP	
20.7	27.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	4 4 5	L	.7' RECOV. SM	
21.4	30.0'		SILT, SAND, BRN TO GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	2 10 15	M	1.1' RECOV. SM	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)		Note: soil descriptions obtained from samples at depths indicated		

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6777823, 35.14036171 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-48				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 20 JUN 06		STARTED 0930	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1010			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.0			SILT, TAN, DRY, NO PI	4 11 11	A	1.0' RECOV. ML	
1.1	2.5'		SAND, SILT, TAN, DRY, NO PI	3 5 5	B	1.0' RECOV. SP-SM	
1.1	5.0'		FN SAND, TAN, DAMP, NO PI	2 3 5	C	.7' RECOV. SP	
26.5	7.5'		SAND, SILT, TAN TO GREY, DAMP TO SAT, NO PI	5 3 2	D	1.1' RECOV. SP-SM @ 9'	
11.2	10.0'		GRAVEL, SAND, TAN, NO PI	1 0 1	E	1.0' RECOV. ADD WATER DN HOLE	
14.4	12.5'		SAME AS ABOVE	4 3 6	F	.6' RECOV. SP	
21.6	15.0'		SAND, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	5 7 8	G	.4' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6712987, 35.149799767 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-49				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 20 JUN 06		STARTED 1030	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 1140	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
4.1			SAND, SILT, GRAVEL, ORGANICS, TAN TO BRN, DRY TO DAMP, NO PI	10 10 9	A	1.1' RECOV. SM	
13.0	2.5'		SAND, SILT, BRN, DAMP, NO PI	5 6 10	B	.9' RECOV. SM	
9.7	5.0'		SAME AS ABOVE	6 7 10	C	1.1' RECOV. SM	
9.7	7.5'		SAND, SILT, FN GRAVEL, BRN, DAMP, NO PI	7 4 5	D	.9' RECOV. SM	
21.2	10.0'		SILT, FN GRAVEL, BRN, MOIST, NO PI	2 2 3	E	.75' RECOV. ML	
9.5	12.5'		SAND, SILT, TAN, MOIST, NO PI	4 4 10	F	1.2' RECOV. SM	
7.2	15.0'		SAND, FN TO COARSE, SILT, MOIST TO WET, TAN, NO PI	4 8 10	G	1.2' RECOV. SP-SM	
11.5	17.5'		SAND, FN GRAVEL, TAN, WET TO SAT, NO PI	4 5 6	H	.8' RECOV. WL @ 18' SP	
12.7	20.0'		SAND, FN GRAVEL, TAN, NO PI	2 5 6	I	.9' RECOV. ADD WATER DN HOLE SP	
17.7	22.5'		SAND, FN GRAVEL, TAN, NO PI	3 5 4	J	.8' RECOV. SW	
0.7	25.0'		SAND, FN GRAVEL, TAN, NO PI	4 7 8	K	.6' RECOV. SP	
19.4	27.5'		SAME AS ABOVE	2 2 3	L	.5' RECOV. SP	
..	30.0'		NO RECOVERY AUGER TO 30' SAMPLE TO 31.5'	5 8 10	M	0' RECOV. ..	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6711627, 35.149748006 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-50				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 20 JUN 06		STARTED 1203	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1233			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
8.8			SAND, CLAY, GRAVEL, ORGANICS, TAN TO DK BRN, DRY TO DAMP, MOD TO HIGH PI	3 5 5	A	CH	.7' RECOV.
3.9	2.5'		SAND, SILT, TAN, DAMP, NO PI	5 7 6	B	SM	.9' RECOV.
2.9	5.0'		SAND, TAN, DAMP TO WET, NO PI	2 3 4	C	SP	.8' RECOV.
17.6	7.5'		SAND, FN GRAVEL, TAN, WET TO SAT, NO PI	2 2 3	D	SP	1.0' RECOV. SL @ 9' ADD WATER DN HOLE
..	10.0'		NO RECOVERY	2 1 2	E	..	0' RECOV.
14.3	12.5'		FN GRAVEL, SAND, TAN, NO PI	3 4 4	F	SP	.8' RECOV.
11.0	15.0'		SAME AS ABOVE AUGER TO 15' SAMPLE TO 16.5'	3 4 7	G	SP	.4' RECOV.
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6642493, 35.161631583 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-51				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 20 JUN 06		STARTED 1254	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1401			
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
4.5			SAND, SILT, FN GRAVEL, TAN TO BRN, DRY TO DAMP, LOW PI	13 7 6	A	.8' RECOV. SM	
17.0	2.5'		CLAY, BRN, DAMP, LOW PI	3 3 4	B	.9' RECOV. CL	
12.1	5.0'		CLAY, SAND, SILT BRN, DAMP, LOW PI	4 9 14	C	.85' RECOV. SC-SM	
8.4	7.5'		SAND, CLAY, SILT, BRN, DAMP, LOW PI	8 13 17	D	1.1' RECOV. SC-SM	
9.5	10.0'		CLAY, SILT, BRN, DAMP, LOW PI	4 7 11	E	.6' RECOV. CL	
1.9	12.5'		SAND, TAN, DAMP, NO PI	2 3 5	F	1.0' RECOV. SP	
1.6	15.0'		SAND, FN GRAVEL, TAN, MOIST, NO PI	4 4 6	G	1.0' RECOV. WL @ 17'	
16.4	17.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	1 3 5	H	.9' RECOV. SW ADD WATER DN HOLE	
15.9	20.0'		SAND, FN GRAVEL, TAN, NO PI	1 1 1	I	.8' RECOV. SP	
..	22.5'		NO RECOVERY	5 6 6	J	0' RECOV. ..	
16.6	25.0'		SAND, FN GRAVEL, TAN, NO PI	3 9 7	K	.5' RECOV. SP	
20.4	27.5'		SAND, FN GRAVEL, SILT, TAN TO BRN, NO PI	7 8 7	L	.8' RECOV. SM	
29.1	30.0'		CLAY, SAND, FN GRAVEL, TAN TO BRN, MOD PI AUGER TO 30' SAMPLE TO 31.5'	2 3 3	M	.8' RECOV. CL	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6641954, 35.16152601 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-52				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 21 JUN 06		STARTED 0814	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 0838			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
..			NO RECOVERY	6 10 9	A	0' RECOV.	
8.4	2.5'		CLAY, SAND, BRN, DRY, LOW PI	6 5 6	B	.. .35' RECOV.	
4.5	5.0'		FN SAND, SILT, TAN, DAMP, NO PI	2 4 4	C	CL .8' RECOV.	
11.7	7.5'		SAND, FN GRAVEL, TAN, DAMP TO SAT, NO PI	2 3 5	D	SP-SM SP	
16.9	10.0'		SAME AS ABOVE	1 0 2	E	.85' RECOV. WL @ 8 1/2'	
15.2	12.5'		SAND, FN GRAVEL, TAN, NO PI	4 5 5	F	SP 1.1' RECOV. ADD WATER DN HOLE	
14.0	15.0'		SAND, GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	2 2 5	G	SP .55' RECOV. .6' RECOV.	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.654697, 35.168859238 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-53				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..		UNDISTURBED N/A	
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..		16. DATE HOLE 21 JUN 06	
7. THICKNESS OF OVERBURDEN ..				17. ELEVATION TOP OF HOLE		STARTED 0856	
8. DEPTH DRILLED INTO ROCK ..				18. TOTAL CORE RECOVERY FOR BORING N/A %		COMPLETED 0950	
TOTAL DEPTH OF HOLE 31.5'				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.4			SILT, SAND, FN GRAVEL, BRN, DRY, NO PI	20 13 10	A	.4' RECOV. SM	
5.3	2.5'		SAND, SILT, FN GRAVEL, BRN, DAMP, NO PI	5 3 5	B	.9' RECOV. SM	
..	5.0'		NO RECOVERY	4 7 7	C	0' RECOV. ..	
4.8	7.5'		SAND, SILT, BRN, MOIST, NO PI	8 10 18	D	1.1' RECOV. SM	
4.0	10.0'		SAND, SILT, ORGANICS, TAN, MOIST, NO PI	1 4 7	E	.65' RECOV. SM	
1.0	12.5'		FN SAND, SILT, TAN, MOIST, NO PI	5 6 10	F	1.0' RECOV. SM	
1.0	15.0'		SAME AS ABOVE	6 8 13	G	1.0' RECOV. SP-SM	
9.5	17.5'		SAND, SILT, TAN, MOIST TO WET, NO PI	5 7 10	H	1.0' RECOV. SP-SM	
23.2	20.0'		SAND, SILT, ORGANICS, FN GRAVEL, BRN, SAT, NO PI	5 8 9	I	.85' RECOV. SM	
22.2	22.5'		SAND, COARSE TO FN, FN GRAVEL, TAN, NO PI	1 3 7	J	1.1' RECOV. SP	
..	25.0'		NO RECOVERY	3 5 7	K	0' RECOV. ..	
22.4	27.5'		SAND, FN GRAVEL, CLAY, TAN TO BRN, SILT, LOW PI	2 6 3	L	.9' RECOV. SC-SM	
24.5	30.0'		SILT, TAN TO DK GREEN, NO PI AUGER TO 30' SAMPLE TO 31.5'	1 1 5	M	.6' RECOV. ML	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.654808, 35.168789594 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-54				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 21 JUN 06		STARTED 1021	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1046			
TOTAL DEPTH OF HOLE 16.5				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.8			SAND, SILT, FN GRAVEL, BRN, DRY, NO PI	4 7 9	A	.7' RECOV. SM	
4.2	2.5'		SAND, CLAY, SILT, BRN, DAMP, LOW PI	3 3 3	B	.8' RECOV. SC-SM	
4.6	5.0'		SAND, FN TO COARSE, BRN TO TAN, SILT, FN GRAVEL, DAMP, NO PI	2 1 3	C	1.1' RECOV. SM	
6.8	7.5'		SAND, FN TO COARSE, TAN, DAMP TO SAT, FN GRAVEL	4 2 5	D	1.05' RECOV. WL @ 9' SW	
14.1	10.0'		SAND, FN GRAVEL, TAN, NO PI	1 2 5	E	1.0' RECOV. ADD WATER DN HOLE SP	
17.6	12.5'		SAME AS ABOVE	2 4 3	F	.6' RECOV. SP	
22.2	15.0'		FN SAND, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	3 7 10	G	.4' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)			Note: soil descriptions obtained from samples at depths indicated	

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-55				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 22 JUN 06		STARTED 0812	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 0920	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) e	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.9			SILT, CLAY, ORGANICS, BRN, DRY, LOW - MOD PI	7 16 25	A	.7' RECOV. SC-SM	
8.7	2.5'		SILT, SAND, BRN, DAMP, NO PI	12 16 16	B	.8' RECOV. SM	
13.9	5.0'		SAND, CLAY, SILT, BRN, DAMP, LOW PI	9 21 27	C	1.0' RECOV. SC-SM	
7.4	7.5'		CLAY, SAND, FN GRAVEL, DAMP, LOW PI	5 11 17	D	1.1' RECOV. SC	
8.1	10.0'		SILT, SAND, BRN TO DK BRN, DAMP, LOW PI, FN GRAVEL	19 31 32	E	1.1' RECOV. SM	
4.6	12.5'		SAND, CLAY, BRN, DAMP, LOW PI	10 11 9	F	.5' RECOV. SC	
8.4	15.0'		SILT, SAND, BRN, MOIST, NO PI	4 2 7	G	.65' RECOV. SM	
9.2	17.5'		SAND, SILT, FN GRAVEL, TAN, NO PI, GRAVEL TO 1"	9 11 11	H	.9' RECOV. SP-SM	
12.1	20.0'		SAND, SILT, FN GRAVEL, TAN, NO PI	2 4 4	I	.8' RECOV. ADD WATER DN HOLE	
..	22.5'		NO RECOVERY	2 2 3	J	0' RECOV. ..	
12.7	25.0'		SAND, FN GRAVEL, TAN, NO PI	3 3 5	K	.8' RECOV. SP	
14.3	27.5'		SAME AS ABOVE	3 4 3	L	.7' RECOV. SP	
12.2	30.0'		SAND, FN GRAVEL, TAN, NO PI, GRAVEL TO 1 1/2" AUGER TO 30' SAMPLE TO 31.5'	2 3 7	M	.8' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-56				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 22 JUN 06		STARTED 0940	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1009			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.4			SAND, SILT, ORGANICS, TAN, DRY, NO PI	2 2 3	A	.8' RECOV. SM	
3.8	2.5'		SILT, SAND, FN GRAVEL, BRN, DAMP, NO PI	7 10 12	B	.5' RECOV. SM	
1.9	5.0'		SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	5 8 11	C	.9' RECOV. SP-SM	
14.1	7.5'		SAND, CLAY, FN GRAVEL, TAN, SAT, LOW PI	3 2 4	D	.5' RECOV. SP-SC WL @ 8 1/2'	
7.4	10.0'		FN GRAVEL, SAND, TAN, NO PI, GRAVEL TO 1"	2 0 1	E	.6' RECOV. GP ADD WATER DN HOLE	
17.2	12.5'		SAND, TAN, NO PI	1 1 1	F	.85' RECOV. SP	
12.8	15.0'		SAND, FN GRAVEL, TAN, NO PI AUGER TO 15' SAMPLE TO 16.5'	4 4 5	G	.55' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.5966220, 35.220795042 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-57				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 22 JUN 06		STARTED 1023	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 1125	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.8			CLAY, SILT, ORGANICS, BRN, DRY, NO PI	3 5 17	A	.5' RECOV. CL-ML	
4.3	2.5'		SAND, SILT, FN GRAVEL, BRN, DRY, LOW PI	11 12 16	B	1.3' RECOV. SM	
7.4	5.0'		SAME AS ABOVE, DAMP	12 13 16	C	1.1' RECOV. SM	
7.1	7.5'		SAND, SILT, BRN, DAMP, NO PI	9 10 13	D	1.2' RECOV. SM	
7.5	10.0'		SILT, BRN, DAMP, LOW PI	10 11 17	E	1.0' RECOV. ML	
7.5	12.5'		SILT, SAND, BRN, ORGANICS, DAMP, NO PI	6 7 12	F	.7' RECOV. SM	
6.7	15.0'		SAND, SILT, TAN, MOIST, NO PI	3 4 9	G	1.0' RECOV. SM	
16.5	17.5'		SAND, FN GRAVEL, TAN, SAT, NO PI	3 4 5	H	1.0' RECOV. WL @ 18'	
16.5	20.0'		SAND, FN GRAVEL, BRN TO GREY, NO PI	2 4 4	I	1.3' RECOV. ADD WATER DN HOLE	
12.6	22.5'		SAME AS ABOVE, GRAVEL TO 1 1/2", SILT	3 4 4	J	.3' RECOV. SP-SM	
16.4	25.0'		COARSE SAND, FN GRAVEL, TAN, NO PI	3 3 5	K	.8' RECOV. SP	
16.7	27.5'		SAME AS ABOVE	3 2 4	L	.9' RECOV. SP	
15.5	30.0'		SAME AS ABOVE AUGER TO 30' SAMPLE TO 31.5'	4 6 12	M	.5' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)	Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6031443, 35.212907255 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-58				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 22 JUN 06		STARTED 1147	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 1243	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT %	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) e	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
2.7			SILT, SAND, ORGANICS, TAN, DRY, NO PI	14 17 19	A	.6' RECOV. SM	
4.0	2.5'		SILT, FN SAND, TAN, DRY, NO PI	8 9 11	B	1.1' RECOV. SM	
5.3	5.0'		SILT, SAND, FN GRAVEL, TAN, DAMP, NO PI	8 10 18	C	.9' RECOV. SM	
4.9	7.5'		SILT, SAND, TAN, DAMP, NO PI	7 10 20	D	1.3' RECOV. SM	
5.6	10.0'		SILT, SAND, BRN TO TAN, DAMP, NO PI	8 14 10	E	.8' RECOV. SM	
8.7	12.5'		SILT, MOIST, BRN, NO PI	4 4 7	F	.8' RECOV. ML	
2.5	15.0'		SAND, SILT, TAN, MOIST, NO PI	5 4 11	G	1.0' RECOV. SP-SM	
12.4	17.5'		SAND, TAN, MOIST TO SAT, NO PI	5 6 12	H	1.0' RECOV. WL @ 19'	
14.4	20.0'		SAND, TAN, SAT, NO PI	3 3 9	I	1.1' RECOV. ADD WATER DN HOLE	
15.0	22.5'		SAND, GREY, NO PI	2 2 1	J	1.0' RECOV. SP	
9.4	25.0'		SAND, FN GRAVEL, TAN, NO PI	2 3 4	K	.8' RECOV. SP	
4.3	27.5'		SAND, GRAVEL TO 1 1/2", GREY, NO PI	11 12 10	L	.8' RECOV. GP	
8.6	30.0'		SAND, GRAVEL, GREY, NO PI AUGER TO 30' SAMPLE TO 31.5'	6 5 8	M	.6' RECOV. SP	
			LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)		Note: soil descriptions obtained from samples at depths indicated		

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-60				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN		DISTURBED ..	
						UNDISTURBED N/A	
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 23 JUN 06		STARTED 0825	
8. DEPTH DRILLED INTO ROCK ..						COMPLETED 0921	
TOTAL DEPTH OF HOLE 31.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.6			SILT, BRN, DRY, ORGANICS, NO PI	9 15 13	A	.9' RECOV. ML	
7.7	2.5'		SILT, FN SAND, FN GRAVEL, BRN, DRY, NO PI	13 10 19	B	.8' RECOV. ML	
6.0	5.0'		CLAY, SILT, SAND, BRN, DRY, LOW PI	10 14 17	C	1.1' RECOV. CL-ML	
7.2	7.5'		CLAY, SILT, BRN, DRY, LOW PI	13 14 17	D	.8' RECOV. CL-ML	
5.5	10.0'		CLAY, SILT, FN SAND, GRAVEL, BRN, DRY, LOW PI	7 8 7	E	.9' RECOV. CL-ML	
2.5	12.5'		FN SAND, SILT, ORGANICS, FN GRAVEL, BRN TO TAN, MOIST, NO PI	8 10 10	F	.9' RECOV. SM	
1.8	15.0'		SAND, FN TO COARSE, SILT, FN GRAVEL, TAN, NO PI	3 3 5	G	1.0' RECOV. SM	
1.2	17.5'		SAND, TAN, MOIST, NO PI	6 4 7	H	1.0' RECOV. SP WL @ 19 1/2'	
9.9	20.0'		SAND, FN GRAVEL, TAN, SAT, GRAVEL TO 1 3/4" IN TIP OF SHOE, NO PI	3 6 10	I	.8' RECOV. SP ADD WATER DN HOLE	
19.9	22.5'		SAND, SILT, FN GRAVEL, BRN, NO PI	4 4 7	J	.7' RECOV. SM	
15.3	25.0'		SAND, FN GRAVEL, BRN, NO PI	4 4 6	K	.5' RECOV. SP	
15.0	27.5'		SAND, FN GRAVEL, TAN, NO PI	4 4 7	L	.5' RECOV. SP	
12.6	30.0'		SAME AS ABOVE AUGER TO 30' SAMPLE TO 31.5'	4 4 8	M	.8' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-61				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 23 JUN 06		STARTED 0944	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1004			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.0			CLAY, BRN, DRY, ORGANICS, LOW PI	5 12 15	A	.4' RECOV. CL	
36.8	2.5'		FN SAND, SILT, TAN, DRY, NO PI	3 4 7	B	.9' RECOV. ML	
5.7	5.0'		CLAY, SAND, ORGANICS, TAN, DRY, LOW PI	5 6 6	C	.4' RECOV. CL	
5.0	7.5'		SAND, SILT, TAN, DAMP, NO PI	4 3 8	D	1.2' RECOV. SM	
8.8	10.0'		SAND, FN TO COARSE, TAN, DAMP TO SAT, NO PI	2 2 8	E	1.2' RECOV. SP	
15.5	12.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	1 1 5	F	.9' RECOV. SW-SM ADD WATER DN HOLE	
17.4	15.0'		SAND, FN GRAVEL, TAN, NO PI	3 5 4	G	.9' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-62				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 23 JUN 06		STARTED 1018	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1035			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.0			CLAY, SILT, BRN, DRY, ORGANICS, LOW PI	2 8 12	A	.5' RECOV. CL - ML	
3.4	2.5'		SILT, SAND, BRN, DRY, ORGANICS, NO PI	3 4 3	B	.3' RECOV. SM	
0.8	5.0'		SAND, FN GRAVEL, TAN, DAMP, NO PI	1 3 5	C	1.1' RECOV. SP	
1.3	7.5'		SAND, TAN, MOIST, NO PI	2 3 8	D	1.1' RECOV. SP	
14.8	10.0'		SAND, TAN MOIST TO SAT, NO PI	3 3 5	E	1.1' RECOV. WL @ 10 1/2'	
12.9	12.5'		SAND, FN GRAVEL, SAT, TAN, NO PI	2 1 4	F	.9' RECOV. SP	
16.8	15.0'		SAME AS ABOVE	2 3 4	G	1.0' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-63				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 23 JUN 06		STARTED 1055	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1242			
TOTAL DEPTH OF HOLE 46.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.6			CLAY, ORGANICS, TAN, DRY, MOD PI	8 6 13	A	.7' RECOV. CL	
1.8	2.5'		SILT, GRAVEL TO 1", TAN, DRY, NO PI	15 21 23	B	1.1' RECOV. SM	
2.3	5.0'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	6 24 35	C	1.0' RECOV. SM	
1.6	7.5'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	11 29 33	D	1.1' RECOV. SM	
5.6	10.0'		SAND, CLAY, TAN TO BRN, DAMP, LOW PI	5 10 13	E	1.1' RECOV. SC	
1.2	12.5'		FN SAND, SILT, TAN, DAMP, NO PI	4 7 6	F	.9' RECOV. SM	
0.9	15.0'		SAND, FN GRAVEL, SILT, TAN, NO PI, DAMP	4 6 9	G	1.0' RECOV. SP-SM	
1.0	17.5'		SAND, SILT, FN GRAVEL, TAN, MOIST, NO PI	6 8 10	H	.4' RECOV. SP-SM	
12.7	20.0'		SAND, SILT, FN GRAVEL, TAN, SAT, NO PI	3 3 4	I	.8' RECOV. SP-SM	
12.7	22.5'		SAME AS ABOVE, GRAVEL TO 1 1/2"	3 3 2	J	.6' RECOV. SP-SM	
12.7	25.0'		SAND, SILT, FN GRAVEL, TAN, NO PI, GRAVEL TO 1"	2 6 11	K	.6' RECOV. SP-SM	
..	27.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	5 9 15	L	.4' RECOV. ..	
1.9	30.0'		SAME AS ABOVE	4 5 6	M	.6' RECOV. SP-SM	
3.1	32.5'		SAME AS @ 27 1/2'	6 13 10	N	.4' RECOV. SP-SM	
2.1	35.0'		SAND, SILT, FN GRAVEL, ORGANICS, CLAY, TAN, NO PI	4 8 14	O	.8' RECOV. SW-SM	
1.9	37.5'		SAME AS ABOVE, GRAVEL TO 1"	8 7 12	P	.9' RECOV. SP-SM	
3.0	40.0'		SAND, FN GRAVEL, SILT, TAN, 1 1/2" ROCK IN SHOE, NO PI	8 17 27	Q	.3' RECOV. SP-SM	
1.9	42.5'		FN SAND, SILT, FN GRAVEL, TAN, NO PI, 1 1/2" IN SHOE	9 15 29	R	.9' RECOV. SP-SM	
1.9	45.0'		SAME AS ABOVE AUGER TO 45' SAMPLE TO 46.5'	6 11 22	S	.3' RECOV. SP-SM	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

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DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-65				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 23 JUN 06		STARTED 1317	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1338			
TOTAL DEPTH OF HOLE 41.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
10.1			FN SAND, SILT, FN GRAVEL, BRN, DRY, NO PI	7 10 9	A	1.0' RECOV. SM	
4.5	2.5'		SAME AS ABOVE, GRAVEL TO 1 1/2"	7 6 7	B	1.2' RECOV. SM	
4.5	5.0'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	6 9 18	C	1.1' RECOV. SM	
4.4	7.5'		SAME AS ABOVE	10 22 36	D	1.2' RECOV. SM	
5.2	10.0'		FN SAND, SILT, CLAY, TAN TO BRN, DAMP, LOW PI	9 8 6	E	1.1' RECOV. SM	
3.4	12.5'		FN SAND, SILT, TAN, DAMP, NO PI	8 9 12	F	.8' RECOV. SP-SM	
1.4	15.0'		SAND, SILT, TAN, MOIST, NO PI	3 6 12	G	1.0' RECOV. SP-SM	
5.9	17.5'		FN SAND, FN GRAVEL, TAN, DAMP TO MOIST, NO PI, SILT	4 7 12	H	1.2' RECOV. SP-SM	
14.4	20.0'		SAND, FN GRAVEL, TAN, MOIST TO SAT	4 4 7	I	1.2' RECOV. WL @ 21'	
21.9	22.5'		SAND, CLAY, TAN TO BRN, LOW PI	2 0 1	J	1.2' RECOV. SP-SM ADD WATER DN HOLE	
17.9	25.0'		SAND, FN TO COARSE, SILT, BRN, NO PI	2 4 6	K	1.1' RECOV. SM	
19.4	27.5'		SAND, CLAY, GRAVEL, BRN, LOW PI	5 3 6	L	.5' RECOV. SC	
19.3	30.0'		SAND, SILT, BRN, NO PI	5 7 8	M	.5' RECOV. SP	
..	32.5'		NO RECOVERY	4 5 8	N	0' RECOV. ..	
..	35.0'		NO RECOVERY	2 6 10	O	0' RECOV. ..	
..	37.5'		NO RECOVERY	7 12 19	P	0' RECOV. ..	
17.1	40.0'		SAND, FN GRAVEL, TAN, NO PI, 2" ROCK IN TIP OF SHOE AUGER TO 40' SAMPLE TO 41.5'	4 8 12	Q	.7' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106., 35. (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-66				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 21 JUN 06		STARTED 1320	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1350			
TOTAL DEPTH OF HOLE 16.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT % a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
3.2			FN SAND, SILT, FN GRAVEL, TAN, DRY, NO PI	5 9 8	A	1.2' RECOV. SM	
12.9	2.5'		FN SAND, SILT, FN GRAVEL, TAN, DAMP, NO PI	4 6 7	B	.8' RECOV. SM	
0.6	5.0'		SAND, FN TO COARSE, SILT, TAN, DAMP, NO PI	3 3 4	C	.7' RECOV. SW-SM	
1.8	7.5'		SAND, FN GRAVEL, TAN, DAMP, NO PI	6 6 7	D	.75' RECOV. SP	
8.3	10.0'		SAND, GRAVEL, TAN, SAT, NO PI	2 4 3	E	.5' RECOV. SP WL @ 10 1/2'	
12.2	12.5'		SAND, SILT, FN GRAVEL, TAN, NO PI	2 3 5	F	.8' RECOV. SP-SM ADD WATER DN HOLE	
10.1	15.0'		SAND, FN GRAVEL, TAN, NO PI	4 4 5	G	.65' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			

DRILLING LOG		DIVISION SOUTH PACIFIC		INSTALLATION ALBUQUERQUE DISTRICT		SHEET 1 OF 1 SHEETS	
1. PROJECT ALBUQUERQUE LEVEES				10. SIZE AND TYPE OF BIT 8" HSA 2"SS			
2. LOCATION (Coordinates or Station) -106.6477343, 35.186085249 (LONG, LAT)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
3. DRILLING AGENCY ALBUQUERQUE DISTRICT				12. MANUFACTURER'S DESIGNATION OF DRILL CME 75			
4. HOLE NO. (As shown on drawing title and file number) 8HSA-67				13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN ..		DISTURBED ..	
				UNDISTURBED N/A			
5. NAME OF DRILLER GEOMECHANICS SOUTHWEST INC, JOSE PEREA				14. TOTAL NUMBER CORE BOXES ..			
6. DIRECTION OF HOLE ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER ..			
7. THICKNESS OF OVERBURDEN ..				16. DATE HOLE 21 JUN 06		STARTED 1106	
8. DEPTH DRILLED INTO ROCK ..				COMPLETED 1237			
TOTAL DEPTH OF HOLE 41.5'				17. ELEVATION TOP OF HOLE			
				18. TOTAL CORE RECOVERY FOR BORING N/A %			
				19. NAME(S) OF INSPECTOR(S) FELIX R MASCARENO/WILLIAM SHUTER			
MOIST. CONTENT %	DEPTH a	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	BLOW COUNTS SPT TEST e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
1.1			SAND, SILT, FN GRAVEL, BRN, DRY, NO PI	3 5 7	A	.8' RECOV. SM	
8.0	2.5'		SAND, FN GRAVEL, SILT, BRN, DAMP, NO PI	6 7 8	B	.9' RECOV. SM	
4.4	5.0'		SAND, SILT, FN GRAVEL, BRN, DAMP, NO PI, GRAVEL TO 1 1/2"	7 10 6	C	.8' RECOV. SM	
7.4	7.5'		SAND, SILT, FN GRAVEL, BRN TO TAN, NO PI, DAMP	7 11 14	D	1.0' RECOV. SM	
11.1	10.0'		SAND, SILT, BRN, DAMP, NO PI	4 6 7	E	1.1' RECOV. SM	
1.7	12.5'		FN SAND, SILT, TAN, DAMP, NO PI	3 3 4	F	1.0' RECOV. SP-SM	
10.1	15.0'		FN SAND, SILT, ORGANICS, TAN, NO PI	1 0 1	G	.5' RECOV. SM	
11.9	17.5'		SAND, SILT, FN GRAVEL, TAN, NO PI, DAMP TO SAT	2 2 8	H	.7' RECOV. SM WL @ 18 1/2'	
12.3	20.0'		SAND, FN TO COARSE, TAN, FN GRAVEL, GRAVEL TO 1 1/2"	6 4 6	I	1.0' RECOV. ADD WATER DN HOLE	
14.7	22.5'		SAND, FN GRAVEL, TAN, NO PI	4 11 6	J	.6' RECOV. SP	
11.5	25.0'		FN GRAVEL, SAND, TAN, NO PI	3 6 4	K	.6' RECOV. SP	
17.4	27.5'		SAND, FN GRAVEL, TAN, NO PI	5 8 9	L	.5' RECOV. SP	
17.6	30.0'		SAME AS ABOVE	3 4 8	M	.6' RECOV. SP	
10.0	32.5'		SAND, FN GRAVEL, TAN, NO PI, 1 1/2" ROCK IN TIP OF SHOE	8 11 14	N	.4' RECOV. GP	
14.2	35.0'		SAND, FN GRAVEL, TAN, NO PI	6 10 14	O	.4' RECOV. SP	
..	37.5'		NO RECOVERY	5 11 21	P	0' RECOV. ..	
20.0	40.0'		FN SAND, TAN, NO PI AUGER TO 40' SAMPLE TO 41.5'	7 17 25	Q	.6' RECOV. SP	
LETTER CLASSIFICATION BASED ON LABORATORY CLASSIFICATION (ASTM D-2487)				Note: soil descriptions obtained from samples at depths indicated			