BORING LOG
FIELD DATA

ON LOCATION 15:00
FINISHED 16:30

Project LA QUINTA CHANNEL Location STA. 100+00 Date 6-25-74
Drill Rig ARCO 550 Inspector Curtis Operator BLACK Surface elev – 40.5
Levee District Job No. 1472 Boring No. 74-39

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	CONTAINER	POCKET PENETROMETER VALUE	CLASSIFICATION AND REMARKS	74-
	25	0.0	45.0	00	45.0	"	"	WATER			TIDE +2 WATER	
1				45.0	48.5	45.0	48.5	3ST.	J		GRAY SANDY CLAY	1547
2				48.5	50.0	48.8	50.0	3ST.	C	1.75	BROWN CLAY SAND w/ SMALL CAL. NOD.	1548
			50.0									
3		50.0	52.6	50.0	52.5	50.0	52.5	3" ST	J		Loose cemented sand stone (COQUINA)	1549
4		52.6	55.0	52.5	54.0	52.8	54.0	3ST.	C	4.0	" " inbeded in cl.	1550
5		55.0		54.0	55.0	54.0	55.0	-	C	3.75	GR. SA. CL.	1551
6				55.0	57.0	55.8	57.0	—	C	3.75	- -	1552

Bottom @ 57.0

WES FORM NO. 819 REV NOV 1971 PREVIOUS EDITION IS OBSOLETE

Sheet 1 of 1 Sheets

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Boring No. 74-39
Levee District
Job No.

LABORATORY DATA

Date 7/9/74 Classified by

	CLASSIFICATION	SYMBOL	NAT WC %
	Gr Clayey silty Sand	SC-SM	Bar
	Br silty sand w/clay seams w/calnods 49.6-50.0	SM	Bar
	Calnods & Sand Sandy Gravel	GP	Total
	Calnods & Br clayey sand	GP	Total
3.00	Br+Gr sandy clay w/ calnods	CL	MC
2.0	Br+Gr Sandy Clay w/ sand seams & calnods	CL	LL

12 July 1971

GDLR NO 1472

PROJECT: LA QUINTA CHANNEL

BORING NO. 74-39

TEST DATA SUMMARY

LOCATION: Station 100+00

DATE COMPLETED 25 June 1974

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION ELEVATION TOP BORING _____	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No. 74-	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
	0.0	45.0	WATER																		
1J	45.0	48.5	Gray Clayey Silty Sand 45'-48.5'	SM-SC				34				1547	4	0	70	30	50	0	0	0	35
2C	48.8	50.0	Brown & Gray Sandy Clayey Silt w/ calcareous nodules 48.5'-50'	CL-ML				21	*			1548	4	0	26	74	50	0	0	0	13
3J	50.0	52.5	Brown Gravelly, Silty Sand with 50'-54'	SM				10				1549		29	58	13	691	203	389	486	601
4C	52.8	54.0	calcareous nodules					12	124			1550		18	61	21	761	138	256	354	599
5C	54.0	55.0	Brown & Gray Sandy Clay w/ calcareous nodules 54'-57'	CL	VST	3.00		18	*			1551									
6C	55.8	57.0	sand seams 55.8'-57'		VST	2.00		21	*	49	19	1552		0	14	86	50	0	0	0	7

*Disturbed

KEY: CONSISTENCY — COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard; CONSISTENCY — COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense

(1) Tons/Sq.Ft. Unconfined Compressive Strength
(2) Split Barrel Sampler
(3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 74-39

Bottomed at 57.0' Water at _____ Tide Reading +2.0

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