

FIELD BORING LOG

HOLE NO. _____
SHEET _____ OF _____

PROJECT _____ LOCATION _____
 DRILL RIG _____ INSPECTOR _____ OPERATOR _____
 DEPTH OF WATER _____ DATE _____ TABLE _____ DATE _____
 ELEVATION OF GROUND _____ MUD _____

Sample Number	Date	Sample		Stratum		Classification - Remarks	Type Sampler
		From	To	From	To		
LMM 650 JAN '64							

RELIEF WELL INSTALLATION REPORT

PROJECT:				LEVEE DISTRICT:						
LOCATION (STA):			OFFSET FROM CENTER LINE:			WELL NO.:				
DRILLING METHOD:			DATE AND TIME: - FROM: TO:							
WELL SCREEN: - TYPE:				INSIDE DIAM:		PERFORATIONS:				
RISER: - TYPE			INSIDE DIAM:		FILTER:					
TYPE OF WELL GUARD			INSIDE DIAM:		TYPE OF BACKFILL:					
CONTRACTOR:			CONTRACT NO.:			FORMAN: OPERATOR:				
GROUND ELEV AT WELL:			DEPTH Fine TO: Sand:			Medium to Fine Sand:				
ELEV TOP OF RISER:		ELEV TOP OF WELL GUARD:			ELEV TOP OF CONCRETE BACKFILL:					
TYPE OF CHECK VALVE:		WELL EXTENSION: - TYPE: HI:				LOG OF HOLE	DEPTH	PIPE INSTALLED		
FINAL WELL INSTALLATION DATA										
RISER PIPE LENGTH:			INSIDE DEPTH OF WELL:				-0-			
"EXTRA" SCREEN LENGTH:			DEPTH OF SAND IN WELL AFTER CLEANING:						-10-	
"DESIGN" SCREEN LENGTH:			ELEV TOP OF WELL SCREEN:							
TOTAL SCREEN LENGTH:			ELEV TOP OF OF FILTER:						-20-	
"BLANK" PIPE LENGTH:			INSIDE BOTTOM ELEV OF WELL:							
DEPTH OF HOLE:			ELEV RISER SET AT:						-30-	
SURGING DATA										
METHOD:		DATE AND TIME:		TOTAL SURGING TIME:				-40-		
GRAVEL IN WELL BEFORE SURGING:		MATERIAL SURGED IN:	SURGING CYCLE	#1:	#2:	#3:				
SURGING CYCLE	#4:	#5:	#6:	#7:	#8:	TOTAL:				
SETTLEMENT OF FILTER DURING SURGING:								-50-		
PUMPING DATA										
RATE OF PUMPING:				TOTAL PUMPING TIME:						-60-
RATE OF SAND INFILTRATION: - START: End:										
REMARKS:								-70-		
								-80-		
								-90-		
								-100-		

WES FORM 797

MAR '53

REVISED OCT. '53

INSPECTOR

RELIEF WELL PUMPING TEST REPORT

PROJECT:					LEVEE					
LOCATION (STA):					ELEV TOP OF RISER:			WELL NO:		
DATE:			TIME TEST STARTED:			TIME TEST COMPLETED:				
TIME	ELAPSED TIME MINUTES	DEPTH TO WATER	DRAWDOWN IN FEET	FLOW IN GPM	TIME	ELAPSED TIME MINUTES	DEPTH TO WATER	DRAWDOWN IN FEET	FLOW IN GPM	

SAND INFILTRATION TEST

DEPTH OF WELL:			DEPTH TO SAND IN WELL BEFORE TEST:			SAND IN WELL BEFORE TEST:		
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TEST NO.	TIME	DEPTH TO SAND (FT)	SAND IN WELL (PTS)	GAIN OR LOST OF SAND IN WELL (PTS)	SAND PUMPED OUT OF WELL (PTS)	TOTAL INFLOW OF SAND INTO WELL (PTS)	LENGTH OF TEST (MIN)	RATE OF SAND INFILTRATION (PTS. HR)

DEPTH TO SAND IN WELL AFTER TEST:			SAND IN WELL AFTER TEST:			SAND IN WELL AFTER CLEANING:		
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REMARKS:

Sand Infiltration Test

PROJECT: _____
JOB LOCATION: _____
JOB #: _____
CLIENT: _____

WELL #: _____
WELL DEPTH (ft): _____
OPERATOR: _____
INSPECTOR: _____
DATE: _____

PUMP TEST START TIME: _____

TEST #	TIME (min) (start/stop)	FLOWMETER READING (FLOW) (start/stop)	PUMPING RATE (gpm)	LENGTH OF TEST (min)	OUTLET VALVE FLOW (GPM)*	ROSSUM READING ml	SANDING RATE ml / min	CONVERSION FACTOR RATE * 528	SANDING RATE (ppm)
1									

* Outlet valve should be calibrated to 0.5 GPM
 Maximum Allowable sanding rate is 1pt / 25000 gal ~ 5ppm (parts per million)

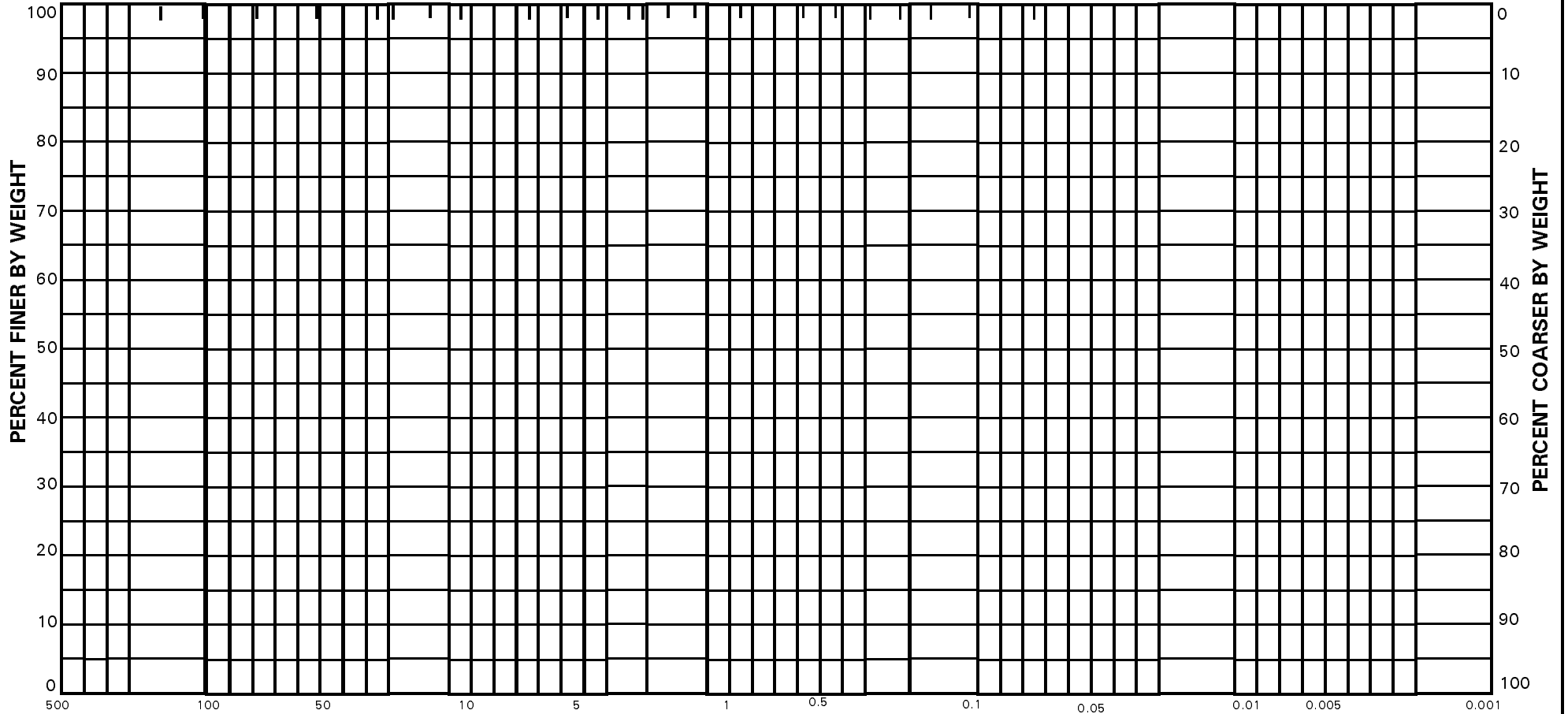
If sanding rate exceeds specifications, describe measures taken between tests:

U.S. STANDARD SIEVE OPENING IN INCHES

U.S. STANDARD SIEVE NUMBERS

HYDROMETER

6 4 3 2 1 1/2 1 3/4 1/2 3/8 3 4 6 8 10 14 16 20 30 40 50 70 100 140 200



GRAIN SIZE IN MILLIMETERS

COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

Sample No.	Elev or Depth	Classification	Nat w %	LL	PL	PI	Project	
								Area
								Boring
GRADATION CURVES								Date