

NUCLEAR DENSITY TEST

	PROJECT	CONTRACT NO.	DISTRICT		
	FROM	TO			
	GAUGE NO.	GAUGE TYPE			
	PROJECT MANAGER	CONTRACTOR			

SITE	1	2	3	4	5
STATION					
LOCATION					
DEPTH BELOW GRADE (RANGE) OR LIFT					
DATE TESTED					

MAT 6-34/95	VISUAL DESCRIPTION
MATERIAL TYPE	
ESTIMATED MOISTURE CONTENT %	
ESTIMATED PERCENT COMPACTION	

MOISTURE						
A	MOISTURE STANDARD COUNT					
MOISTURE DISPLAY	READING # 1					
	READING # 2					
	B AVERAGE					
C	MOISTURE COUNT RATIO B / A					
D	MOISTURE (FROM TABLES) kg / m ³					
E	MOISTURE CORRECTION FACTOR ± kg / m ³					
F	CORRECTED MOISTURE D ± E kg / m ³					

DENSITY						
G	MODE (BS or DT 50, 100, 150, or 200 mm)					
H	DENSITY STANDARD COUNT					
DIRECT TRANSMISSION OR BACKSCATTER DENSITY DISPLAY	READING # 1					
	READING # 2					
	I AVERAGE					
J	DENSITY COUNT RATIO I / H					
K	WET DENSITY (FROM TABLES) kg / m ³					
L	DENSITY CORRECTION FACTOR ± kg / m ³					
M	CORRECTED DENSITY K ± L ± kg / m ³					
N	DRY DENSITY M - F kg / m ³					

CORRELATION						
O	UNIT OR CURVE NO.					
P	OPTIMUM MOISTURE CONTENT %					
Q	FIELD MOISTURE CONTENT 100 F / N %					
R	MOISTURE DIFFERENCE FROM OPTIMUM Q - P ± %					
S	MAX. DRY OR MARSHALL DENSITY kg / m ³					
T	PERCENT COMPACTION 100 N / S %					

REMARKS

1 _____

2 _____

3 _____

4 _____

5 _____

COMPACTION EQUIPMENT _____

CONSTRUCTION EQUIPMENT _____

MATERIALS TECHNOLOGISTS _____