MOISTURE & DENSITY TESTER FIELD DATA WORKSHEET

DATE: _____

SITE: _____

A

STANDARD COUNTS

DENSITY COUNTS (ADD ZERO)

	HIGH _____
	SqRt + _____
	AVG _____
	SqRt - _____
	LOW _____

$\sqrt{}$ AVG = _____

_____ TOTAL StCt

_____ AVG StCt (÷10)

MOISTURE COUNTS (ADD ZERO)

	HIGH _____
	SqRt + _____
	AVG _____
	SqRt - _____
	LOW _____

$\sqrt{}$ AVG = _____

_____ TOTAL StCt

_____ AVG StCt (÷10)

A

A

FIELD COUNTS

	B/S DENSITY	TRANS. 2"	TRANS. 4"	TRANS. 6"	TRANS. 8"	B/S MOISTURE	
							b
							b
							b
TOTAL							B
AVG ÷ 3					AVG ÷ 3		C
÷ by AVG StCt							A
RESULTANT RATIO							C
WET DEN PCF					H_2O PCF		DW

DRY WEIGHT

	(BS)	(2")	(4")	(6")	(8")	
WET DEN PCF						D
LESS H_2O						DW
DRY DEN PCF						E

PERCENT COMPACTION

		(BS)	(2")	(4")	(6")	(8")	
DRY DEN PCF	÷						E
*SOIL MAX DEN							F
X 100 = %							G

PERCENT MOISTURE

		(BS)	(2")	(4")	(6")	(8")	
H_2O PCF	÷						DW
DRY DEN PCF							E
X 100 = % MOISTURE							H

* THE MAXIMUM DENSITY OF SOIL REQUIRES A PROCTOR METHOD RUN UNDER LABORATORY CONDI-
TIONS. THIS IS NOT SUPPLIED BY THE NUCLEAR TESTER. ALL % MOISTURE IS A PERCENT OF DRY
WEIGHT, NOT WET WEIGHT.

USAPA V1.00

DA FORM 5448-R, AUG 85   For use of this form, see TM 5-6635-386-12&P; the proponent agency is AMC.