MOISTURE & DENSITY TESTER FIELD DATA WORKSHEET

DATE: _____

SITE: _____

STANDARD COUNTS

DENSITY COUNTS (ADD ZERO)		MOISTURE COUNTS (ADD ZERO)	
	HIGH		HIGH
	SqRt +		SqRt +
	AVG		AVG
	SqRt -		SqRt -
	LOW		LOW
	√ AVG =		√ AVG =
	TOTAL StCt		TOTAL StCt
	AVG StCt (÷10)		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

DRY DEN PCF						E
÷						
*SOIL MAX DEN						F
X 100 = %						G

PERCENT MOISTURE

H_2O PCF						DW
÷						
DRY DEN PCF						E
X 100 = % MOISTURE						H

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

APD LC v1.00

DA FORM 5448-R, AUG 1985

For use of this form, see TM 5-6635-386-12&P; the proponent agency is AMC.