ARIZONA DEPARTMENT OF TRANSPORTATION

44-1002 R03/25 azdot.gov

METHOD A OR ALTERNATE METHOD D PROCTOR DENSITY
(Arizona Test Method 225 or 245)

Clear

Project No: _____ Lab No: _____ Rec'd Date: _____

Source and Type of Material: _____

Proctor Method Used: Method A _____ or Alternate Method D _____

Tested Operator and Date: _____

Supervisor and Date: _____

Weight of Mold = M2 = grams	Volume of Mold = VM = cu ft	a = VM x 453.6 =

b	M1	c	WD	ED	Moisture Determination				DD
					WW	DW	d	e	
Approx % of Water Add	Wt. of Sample and Mold	Wet Wt. Of Sample M1 – M2	Wet Density lb/cu ft c / a	Est. Dry Density WD x 100 / b + 100	Wet Wt.. of Moisture Sample	Dry Wt. Of Moisture Sample	Wt. of Water WW – DW	Percent Moisture d x 100 / DW	Dry Density lb/cu ft WD x 100 / e + 100

METHOD A

WT = _____ WR4 = _____

PR4 = WR4 / WT X 100 = _____ %

ALTERNATE METHOD D

WT = _____ WE3/4 = _____

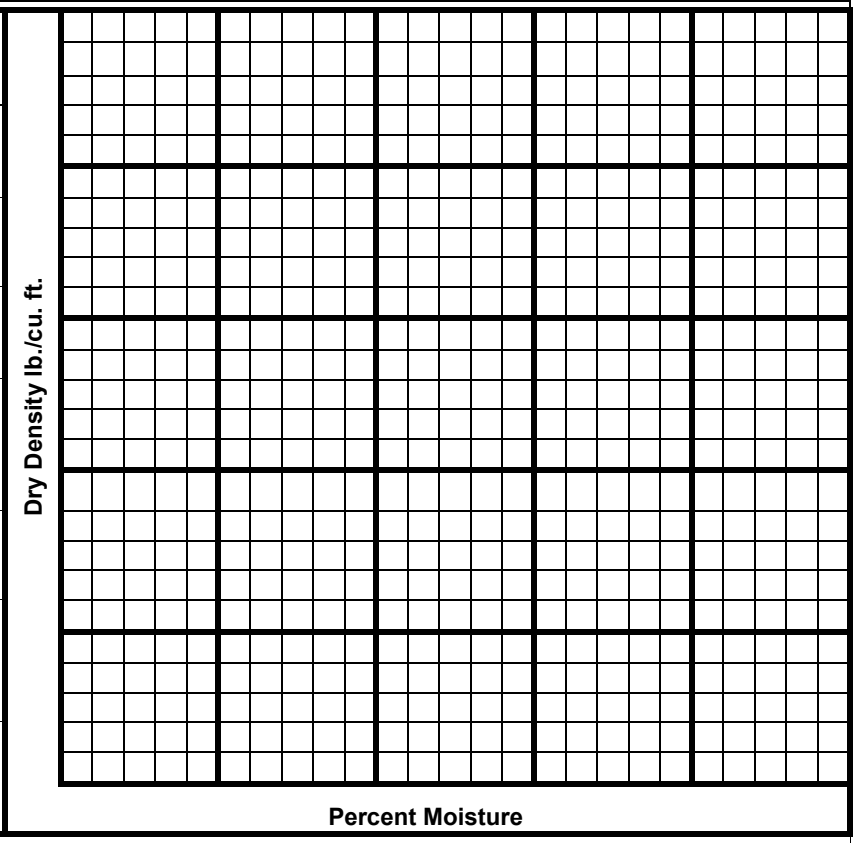
PR3/4 = WR3/4 / WT X 100 = _____ %

Coarse Aggregate Bulk Oven Dry Specific Gravity: _____

Coarse Aggregate Absorption: _____ %

OPTIMUM MOISTURE CONTENT = OM = _____ %

MAXIMUM DRY DENSITY (lb. / cu. ft.) = MD = _____



REMARKS: