PERCOLATION TEST SHEET

Test hole location ________________ Hole # ____________ Date test hole was prepared: ________________

Depth of hole bottom: ____________ inches Diameter of hole: ________________ inches

Soil data from test hole:

depth, inches	soil texture	soil color
________________	________________	________________
________________	________________	________________
________________	________________	________________
________________	________________	________________

Method of scratching sidewall: ________________ Depth of pea-size gravel in bottom of hole: ________ inches

Date and hour of initial water filling: ____________ Depth of initial water filling: ____________ above hole bottom

Method used to maintain 12" of water depth in hole for 4 hours: ________________________________

Percolation test conducted by: ________________________ Percolation test started at: ________ (am/pm)

Maximum water depth above hole bottom during test: ____________ inches

TIME	INTERVAL	WATER	WATER DROP (fraction)	WATER DROP (decimal)	PERC RATE CALCULATION	conversions
______ ______	START ______	______ ______	______	______	______ ÷ ______ = ______ A TIME DROP (decimal) PERC RATE	1/16 = 0.06 1/8 = 0.13
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ B TIME DROP (decimal) PERC RATE	3/16 = 0.19 1/4 = 0.25
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ C TIME DROP (decimal) PERC RATE	5/16 = 0.31 3/8 = 0.38
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ D TIME DROP (decimal) PERC RATE	7/16 = 0.4 1/2 = 0.5
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ E TIME DROP (decimal) PERC RATE	9/16 = 0.56 5/8 = 0.63
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ F TIME DROP (decimal) PERC RATE	11/16 = 0.69 3/4 = 0.75
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ G TIME DROP (decimal) PERC RATE	13/16 = 0.81 7/8 = 0.88
______ ______	REFILL ______	______ ______	______	______	______ ÷ ______ = ______ H TIME DROP (decimal) PERC RATE	15/16 = 0.94

Ten Percent Calculation*

A,B,C Largest # of ABC − Smallest # of ABC = ________ Smallest # of ABC × 0.10 = ________	**B,C,D** Largest # of BCD − Smallest # of BCD = ________ Smallest # of BCD × 0.10 = ________
C,D,E Largest # of CDE − Smallest # of CDE = ________ Smallest # of CDE × 0.10 = ________	**D,E,F** Largest # of DEF − Smallest # of DEF = ________ Smallest # of DEF × 0.10 = ________
E,F,G Largest # of EFG − Smallest # of EFG = ________ Smallest # of EFG × 0.10 = ________	**F,G,H** Largest # of FGH − Smallest # of FGH = ________ Smallest # of FGH × 0.10 = ________

* if the top number in each set of boxes is larger than the bottom number, take another reading. If the top number is equal to or smaller than bottom number, average the 3 numbers for the perc rate.