MENDOCINO COUNTY			Environmental Health			
Hydrometer Test Worksheet						
(Excel spreadsheet available upon request)						
Site Address:			Lab Test Date:			
APN:				Project #		
Owner Name:			Site Evaluator:			
HYDROMETER TEST	1	2	3	4	5	6
Sample ID Number:						
Sample Depth:						
Slake Test:(pass or fail)						
A. Oven dry wt. (gm)						
B. Start Time						
C. Temp @ 40 sec (*F)						
D. Hydrometer reading @ 40 sec. (gm/l)						
E. Composite correction (gm/l)						
F. True Density @ 40 sec (gm/l)						
G. Temp @ 2 hrs. (*F)						
H. Hydrometer reading @ 2 hrs. (gm/l)						
I. Composite correction (gm/l)						
J. True Density @ 2 hrs. (gm/l)						
K. % Sand = 100-[(F/A)x100]						
L. % Clay = (J/A)x100						
M. % Silt = 100-(K+L)						
COARSE PARTICLES						
N. Wt. Coarse particles retained (gm)						
O. Wt of total sample (gm)						
P1. % Coarse Particles by Wt. = (N/O)x100						
P2. % Coarse Particles by Vol.						
P3. % Sand Adjustment						
BULK DENSITY						
Q. Total sample wt. (gm)						
R. Coarse particles wt. (gm)						
S. Total sample vol. (cc)						
T. Coarse particles vol. (cc)						
U. Bulk Density = [(Q-R)/(S-T)] (gm/cc)						
W. Adjusted Sand (%)						
X. Adjusted Clay (%)						
Y. Adjusted Silt (%)						
Z. Soil Suitability Zone						
I hereby certify that I have used the procedures specified by the North Coast Region Water Quality Control Board contained in the "Soil Evaluation for On-Site Sewage Disposal", May 1979.						
	Date	(seal)	Signed:			