## Hydrometer Test Worksheet

### Environmental Health

<table>
<thead>
<tr>
<th>Site Address:</th>
<th>Lab Test Date:</th>
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<tbody>
<tr>
<td>APN:</td>
<td>Project #</td>
</tr>
<tr>
<td>Owner Name:</td>
<td>Site Evaluator:</td>
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### HYDROMETER TEST

<table>
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<tr>
<th>Sample ID Number:</th>
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<td>Sample Depth:</td>
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**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 (%)

### 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.

<table>
<thead>
<tr>
<th>Date</th>
<th>(seal)</th>
<th>Signed:</th>
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