



**Buncombe County Permits and Inspections**  
30 Valley Street, Asheville, N. C. 28801  
Phone: (828) 250-5360 Fax: (828) 250-6082

## **MANUFACTURED HOME SOIL BEARING REPORT FORM**

There are three methods of determining soil-bearing capacity:

1. Evaluation by a registered engineer or architect,
2. Soil analysis or investigation (footing inspection),
3. Use of a soil test pocket penetrometer.

### **Pocket Penetrometer Procedures**

1. Test a typical area adjacent to or within 10 feet of the perimeter of the unit.  
Additional test sites may be required.
2. Dig down to undisturbed soil a minimum of 4 inches. This test hole shall be a minimum of one-foot square.
3. Using a pocket penetrometer, take seven readings. Eliminate the highest and lowest reading and average the middle five readings.
4. Complete this form, sign it and leave it where the building inspector can find it.

### **To Be Completed by the Set Up Contractor**

Homeowner's Name: \_\_\_\_\_  
Address of Home: \_\_\_\_\_  
Permit or Case Number: \_\_\_\_\_  
Set Up Contractor: \_\_\_\_\_  
Name of Person Conducting Test: \_\_\_\_\_

### **Penetrometer Test Results**

A) Seven Readings

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

B) Middle Five Readings

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

C) Average

\_\_\_\_\_

BY: \_\_\_\_\_ Date: \_\_\_\_\_  
(person performing test)