

**MANUFACTURED HOME / FACTORY BUILT BUILDING  
PENETROMETER REPORT**

HOME OWNER \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_

SITE ADDRESS \_\_\_\_\_ PERMIT NUMBER \_\_\_\_\_

NUMBER AND STREET

CITY, STATE ZIP CODE

INSTALLER NAME \_\_\_\_\_ LICENSE # \_\_\_\_\_

NAME OF PERSON CONDUCTING TEST \_\_\_\_\_  
PLEASE PRINT

RELATIONSHIP \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_

**PENETROMETER TEST**

**SEVEN READINGS**

**MIDDLE FIVE**

**AVERAGE**

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

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

Total \_\_\_\_\_

\_\_\_\_\_ load-bearing soil capacity

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**

**How to use the Pocket Penetrometer, for soil testing**

1. To start test, push indicating ring against the body so that low side reads 0.
2. Slowly insert piston until engraved mark is level with soil.
3. Read strength in tons/sq.ft. using low side of ring (side closest to piston end); record reading
4. For weak soils, use 1" adapter foot. Multiply reading by 0.0625 to obtain strength in tons/sq. ft.

Note- Pocket Penetrometer uses tons /sq. ft; (tons per square foot)

R434-803.B.2.a—uses psf ( pounds per square foot)

1 ton =2000 pounds

That seven(7) reading from 7 different areas were the footers will be located.

Throw out the high and low numbers

Reading of the number can be what is on the penetrometer, (example 4.5, 3.5, or 2.0)

Rewrite the 5 reading you are using in next listing and add these numbers up.

Divide these numbers by 5, then multiply that by 2,000, which will give you your average reading of the load-bearing soil capacity.