

## Equipment Checklist FM 5-515 Limerock Bearing Ratio

		P	F	N/A
<b>Surcharge Weights</b>				
1.	One annular weight of 5.0 ± 0.1 pounds (2.27 ± 0.04 kg)			
2.	Additional slotted weights of 5.0 ± 0.1 pounds (2.27 ± 0.04 kg)			
<b>Penetration Piston</b>				
3.	Average Diameter 1.954 ± 0.005 inches (49.63 ± 0.13 mm)			
4.	Minimum length of 5 inches (127.0 mm)			
<b>Loading Device</b>				
5.	Load rate 0.05 ± 0.005 inches/min (1.27 ± 0.13 mm/min)			
<b>Swell Plate</b>				
6.	Weight approx. 2.5 ± 0.5 pounds (1.13 ± 0.23 kg)			
<b>Soak Tank</b>				
7.	Raised ridges in bottom of tank			
8.	Overflow controls height of water to within ± 0.25 inches (6.35 mm) of top of soil in mold			
<b>Electronic Data Acquisition Device</b>				
9.	Strip chart recorder or computer capable of producing the load-deflection curve			
<b>Documentation</b>				
10.	Verification records for all equipment current within 12 last 12 months			

**Remarks:**

Date: \_\_\_\_\_ Technician: \_\_\_\_\_ IA Observer: \_\_\_\_\_

Technician's E-mail Address: \_\_\_\_\_

Employer's/Supervisor's E-mail Address: \_\_\_\_\_