



## WORKSHEET FOR DETERMINING LIQUID LIMIT AND PLASTIC LIMIT OF SOILS AASHTO T 89 AND AASHTO T 90

Project: \_\_\_\_\_ Source: \_\_\_\_\_  
 Sample of: \_\_\_\_\_ Quantity represented: \_\_\_\_\_ Lot No. \_\_\_\_\_ Sample No. \_\_\_\_\_  
 Sampled by: \_\_\_\_\_ Date: \_\_\_\_\_ Tested by: \_\_\_\_\_ Date: \_\_\_\_\_

**Method A**

**Method B**

**NP (Non-Plastic)**

<b>Liquid Limit AASHTO T 89</b>			
Determination No.	1	2	3
Number of blows			
Container No.			
(A) Mass of container & wet soil, g			
(B) Mass of container & dry soil, g			
(C) Mass of water (A-B), g			
(D) Mass of container, g			
(E) Mass of dry soil (B-D), g			
(F) Water content (100 * C/E), %			
Liquid limit			
Final liquid limit (LL):			

<b>Plastic Limit AASHTO T 90</b>			
Determination No.	1	2	3
Container No.			
(A) Mass of container & wet soil, g			
(B) Mass of container & dry soil, g			
(C) Mass of water (A-B), g			
(D) Mass of container, g			
(E) Mass of dry soil (B-D), g			
(F) Water content (100 * C/E), %			
Plastic limit			
Final plastic limit (PL):			

**CALCULATIONS:** \_\_\_\_\_ (LL) - \_\_\_\_\_ (PL) = \_\_\_\_\_ Plasticity Index (PI)

