



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)

Liquid Limit AASHTO T 89			
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):			

Plastic Limit AASHTO T 90			
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)

