

Liquid Limit, Plastic Limit, and Plasticity Index of Soils (ASTM D4318)



Project: Youd

Number: M-00399-003

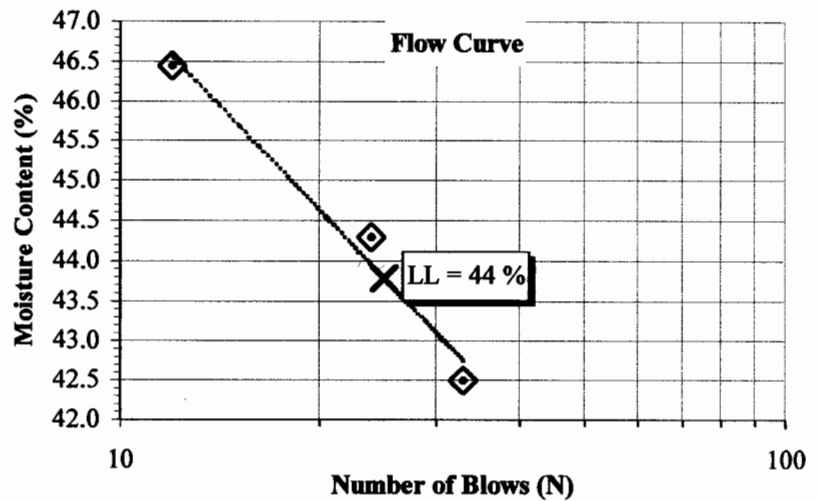
Sample: WLA D-1

Depth: 2.5-4

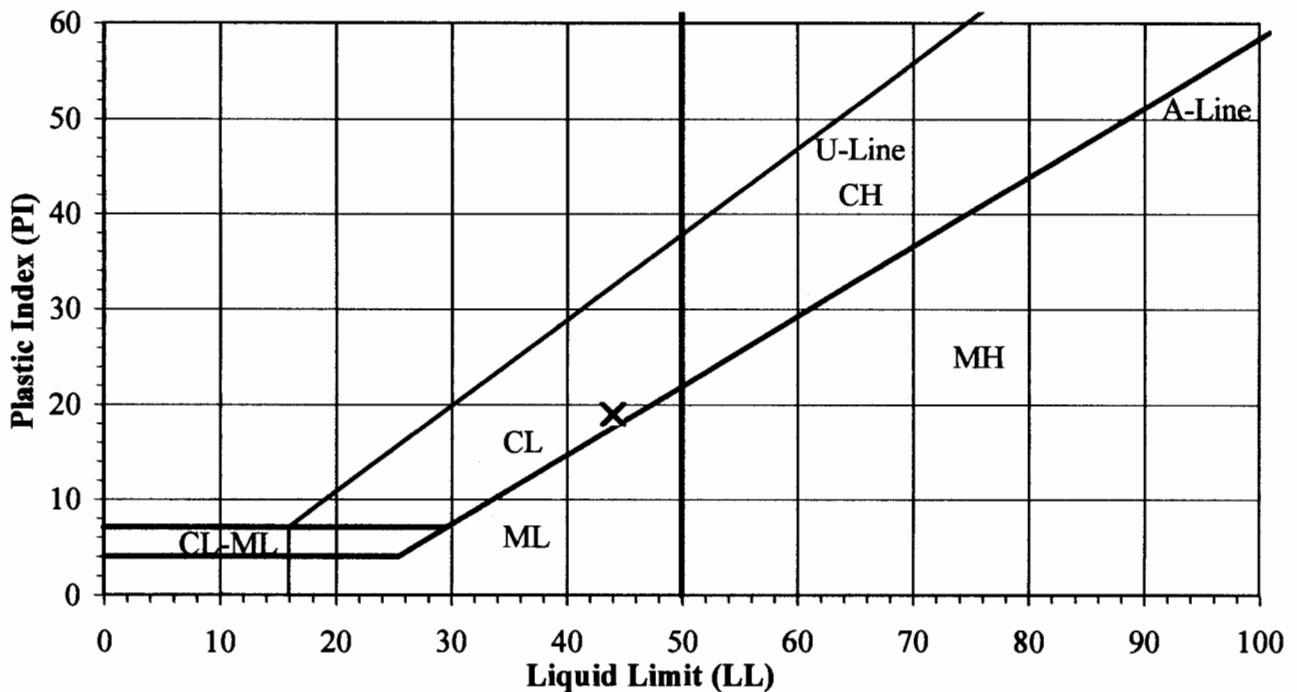
Liquid Limit (%)	44
Plastic Limit (%)	25
Plastic Index (%)	19
Identification	CL

Method: Multipoint

Sample preparation: Air dried



PL Results (%)	24.7	24.8	
Number of blows (N)	33	24	12
LL Results (%)	42.5	44.3	46.4



Comments:

Tested by: BPP

Reviewed: ZR

ATTERBERG LIMITS TEST DATA
ASTM D4318

VIGES

FIELD CLASSIFICATION
 LABORATORY CLASSIFICATION

JOB NO.

CLIENT/OWNER Youd

LOCATION

BORING WLA D-1 SAMPLE

DEPTH 25-4

FIELD DENSITY BY 1 / 1

DETERMINATION	1	2
NUMBER OF RINGS		
WT OF RINGS + WET SOIL		
WT OF RINGS		
WT OF WET SOIL		
FIELD DENSITY		
DRY DENSITY		

THIS IS A 1/8-INCH THREAD

DETERMINATION	1	2
DISH		
WT OF DISH + WET SOIL		
WT OF DISH + DRY SOIL		
WT OF MOISTURE		
WT OF DISH		
WT OF DRY SOIL		
FIELD MOIST. CONTENT		

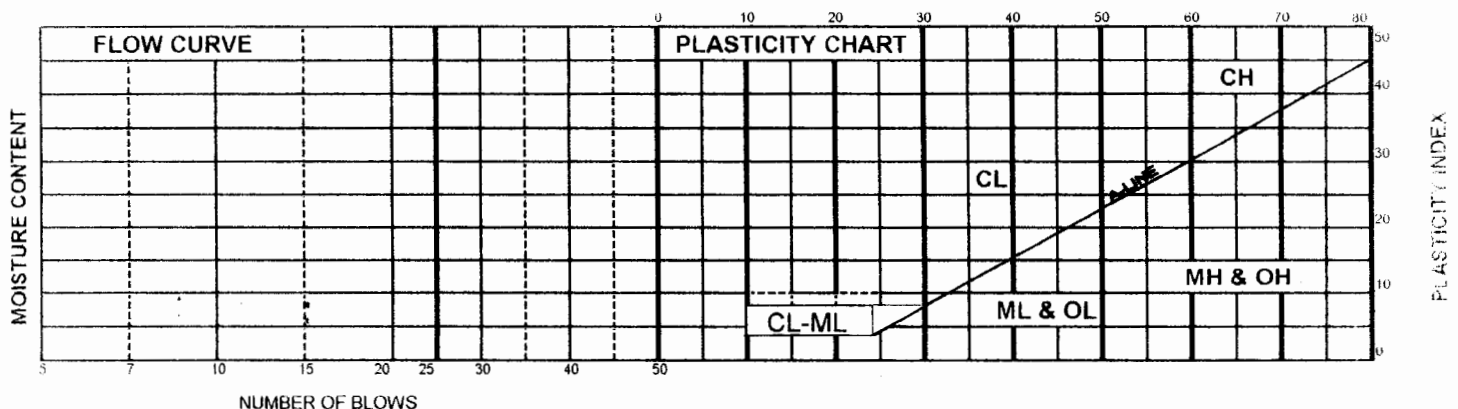
PLASTIC LIMIT BY BRP 2.5.04

DETERMINATION	1	2	3	4	5	6
DISH	<u>9</u>	<u>44</u>				
WT OF DISH + WET SOIL	<u>8.81</u>	<u>5.43</u>				
WT OF DISH + DRY SOIL	<u>7.34</u>	<u>1.63</u>				
WT OF MOISTURE						
WT OF DISH	<u>1.40</u>	<u>1.40</u>				
WT OF DRY SOIL						
MOISTURE CONTENT						

LIQUID LIMIT

DETERMINATION	1	2	3	4	5	6
DISH	<u>76</u>	<u>31</u>	<u>41</u>			
NUMBER OF BLOWS	<u>33</u>	<u>24</u>	<u>12</u>			
WT OF DISH + WET SOIL	<u>10.98</u>	<u>8.85</u>	<u>10.44</u>			
WT OF DISH + DRY SOIL	<u>8.12</u>	<u>6.56</u>	<u>7.57</u>			
WT OF MOISTURE						
WT OF DISH	<u>1.39</u>	<u>1.39</u>	<u>1.39</u>			
WT OF DRY SOIL						
MOISTURE CONTENT						

LIQUID LIMIT



SUMMARY

DRY DENSITY	MOISTURE CONTENT	LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	IDENTIFICATION