

Atterburg Limit Test  
 Members: JM, JS, EE, GR, SC  
 Group Number: 2  
 Date: 4/17/22

**LIQUID LIMIT**

Trial Number	1	2	3	4	5
Weight of Container, g.	74.61	93.98	74.85	103.17	101.92
Weight of Container & Wet Soil, g.	88.91	99.85	80.44	111.79	110.92
Weight of Container & Dry Soil, g.	85.92	98.51	79.22	110.07	109.1
Weight of Moisture, g.	2.99	1.34	1.22	1.72	1.82
Weight of Dry Soil, g.	11.31	4.53	4.37	6.9	7.18
Moisture Content, %	26.43678	29.58057	27.91762	24.92754	25.34819
No. of Blows	13	20	31	42	49

**PLASTIC LIMIT**

Trial Number	1	2	3	4	5
Weight of Container, g.	67.83	84.14	99.71		
Weight of Container & Wet Soil, g.	89.19	114.64	141.46		
Weight of Container & Dry Soil, g.	85.12	110.37	125.16		
Weight of Moisture, g.	4.07	4.27	16.3		
Weight of Dry Soil, g.	17.29	26.23	25.45		
Moisture Content, %	23.53962	16.27907	64.04715		

Liquid Limit	26.84214
Plastic Limit	34.62195
Plastic Index	-7.77981
Flow Index	17.65097
Liquidity Index	1.052104
Activity	#DIV/0!