

Logo	Project Details				
Client					
Authority Engineer					
EPC Contractor					
LIQUID LIMIT PLASTIC LIMIT (By One Point Method using Cone Penetrometer) (As Per Sl. No. 9 of IS 2720 Part-5)					
Lab. Job No.				Date of Sampling	
Source of Material				Date of Testing	
Type of Material				Tested By	
				Jointly	
Sl.No.	Determination No.	Liquid Limit		Plastic Limit	
		1	2	1	2
1	Penetration in mm	21	26		
2	Container No.	17	18	19	20
3	Wt. of Container in gms	23.62	23.48	20.04	19.25
4	Wt. of Container + Wet. Soil in gms	102.00	98.15	56.15	60.02
5	Wt. of Container + dry. Soil in gms	81.59	76.49	50.02	53.43
6	Wt of Water in gms	20.41	21.66	6.13	6.59
7	Wt. of dry Soil in gms	57.97	53.01	29.98	34.18
8	Water content in % (6/7*100)	35.21	40.86	20.45	19.28
	LIQUID LIMIT (LL)	Wn			
		(0.65+0.0175D)			
		34.60	36.98		
Average		35.79		19.86	
LIQUID LIMIT (LL) :		35.79 %			
PIASTIC LIMIT (PL) :		19.86 %			
PLASTICITY INDEX (LL - PL) :		15.93 %			
Specification Limit:					
Limit :- LL - 50% (Max), PI - 25% (Max) As per MORT&H.					
Remarks					
EPC Contractor's Representative			AE / IE / PMC / Client Representative		
Name : _____			Name : _____		
Designation : _____			Designation : _____		
Signature : _____			Signature : _____		
Date : _____			Date : _____		
The test has been carried out in accordance with relevant MoRTH / IRC / IS specifications. The results are applicable only to the samples tested.					