

NATIONAL HIGHWAYS AUTHORITY OF INDIA

(MINISTRY OF SHIPPING, ROAD TRANSPORT & HIGHWAYS)

CLIENT : NATIONAL HIGHWAYS AUTHORITY OF INDIA

AUTHORITY'S ENGINEER :

CONTRACTOR :

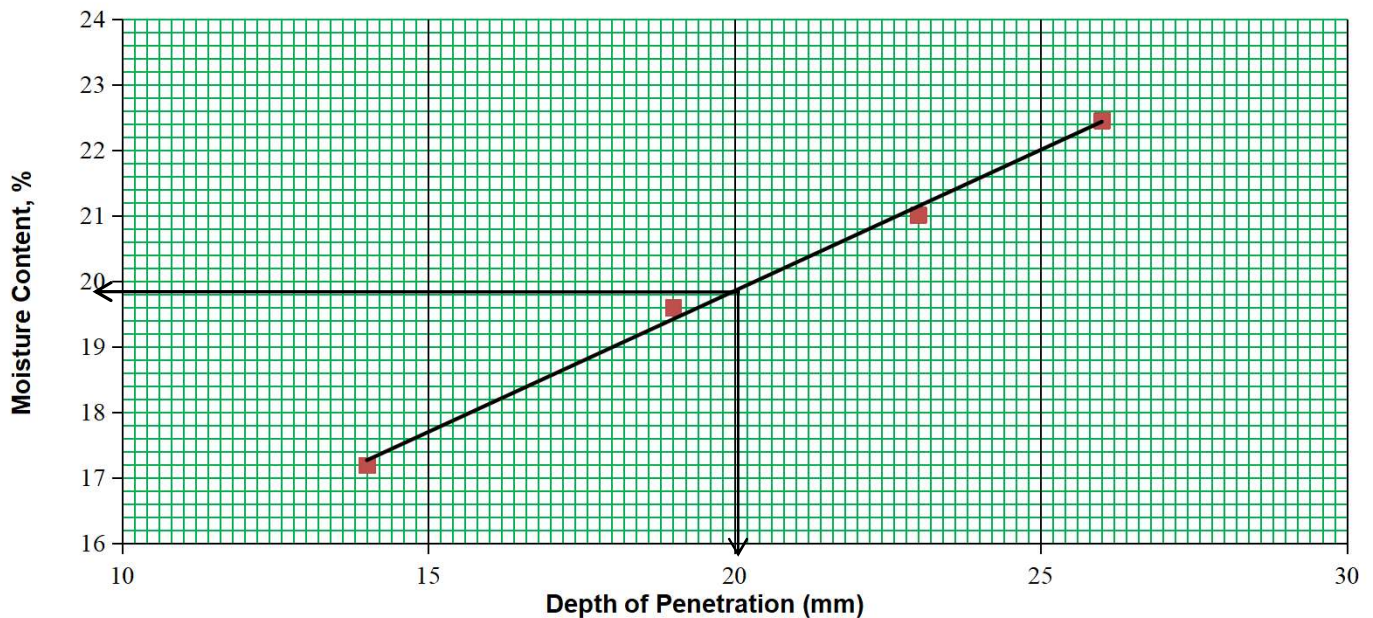
ATTERBERG LIMITS (CONE PENETRATION METHOD)

IS : 2720 (Part 5) - 1985

Source of Material	:		Sample No. :	
Location / Chainage	:		Date of Sampling :	
Description of Material	:		Date of Testing :	
Sampled By	:	Jointly	Tested by :	

OBSERVATIONS

Sl. No.	DESCRIPTION	LIQUID LIMIT				PLASTIC LIMIT	
		1	2	3	4	1	2
1	Penetration in mm	14	19	23	26	-	-
2	Container No	63	40	53	46	Non Plastic (NP)	
3	Wt. Of Can (gm) , W1	79.16	82.19	84.41	79.83		
4	Wt. Of Can. and Wet Soil (gm), W2	122.24	135.34	131.12	164.69		
5	Wt. Of Can and Oven Dried Soil (gm),W3	115.92	126.63	123.01	149.13		
6	Wt. Of Water (gm) (W2-W3)	6.32	8.71	8.11	15.56		
7	Wt. Of Oven Dried Soil (gm) (W3-W1)	36.76	44.44	38.60	69.30		
8	Moisture Content (%) ((6/7) x 100)	17.19	19.60	21.01	22.45		



LIQUID LIMIT (%) - FROM GRAPH	PLASTIC LIMIT (%)	PLASTICITY INDEX (%)
19.80	NP	Np

For Contractor

For AE / NHA I