BORE WELL DEVELOPMENT CHART (E/M)

SWSM/DWSM

NCC LTD.- GORAKHPUR (UP)

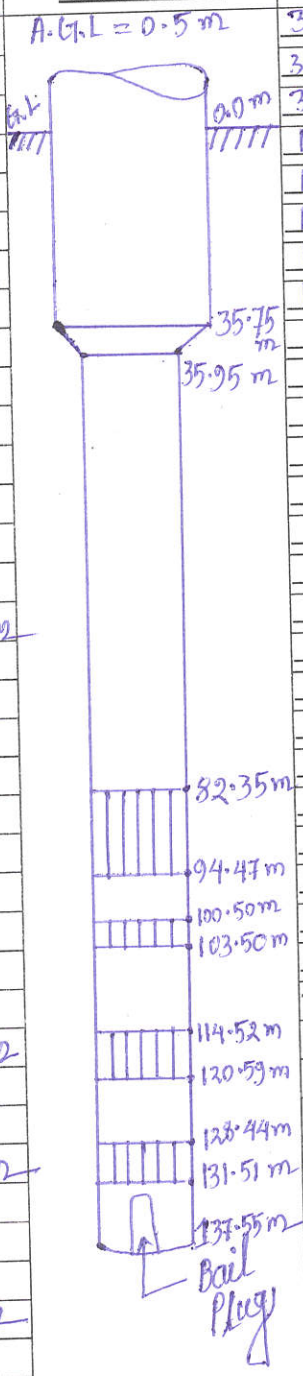
NAME OF THE DISTRICT- Gorakhpur
NAME OF THE BLOCK- Khorabar
NAME OF THE GRAM PANCHAYAT- Akulahi
NAME OF THE VILLAGE-

TYPE OF RIG M/C- DC
SIZE OF BORE- 600 X 500 mm
STATIC WATER LEVEL-
J.E Incharge- Ajit Maurya Incharge- Babbeny Yadav

Discharge of tubewell - 700 LPM. Assembly Size - 300 x 150 mm

DEPTH B.G.L IN METER	BORING CHART	STRATA
0.0 m		
3.0 m		Clay
		Clay mixed with Coarse Sand
18.2 m		Fine Sand + Kankar
35.1 m		Clay + Kankar
42.8 m		Fine Sand + Kankar
46.3 m		Clay
55.2 m		Fine Sand + Kankar
79.1 m		Clay + Sand + Kankar
95.2 m		Clay
100.1 m		Fine Sand + Kankar
105.2 m		Hard Clay
113.5 m		Fine Sand + Kankar
121.2 m		Soft Clay
128.1 m		Fine Sand + Kankar
132.5 m		Sandy Clay
138.2 m		Fine Sand + Kankar
142.4 m		Clay
160 m		

EXECUTED ASSEMBLY



ASSEMBLY DETAILS

300	mm Dia Housing Pipe A.G.L=	0.500	m	
300	mm Dia Housing Pipe	0.0	m to	35.75 m
300	mm Dia Reducer	35.75	m to	35.95 m
150	mm Dia Blind pipe	35.95	m to	82.35 m
150	mm Dia Slotted pipe	82.35	m to	94.47 m
150	mm Dia Blind pipe	94.47	m to	100.50 m
150	mm Dia Slotted pipe	100.50	m to	103.50 m
150	mm Dia Blind pipe	103.50	m to	114.52 m
150	mm Dia Slotted pipe	114.52	m to	120.59 m
150	mm Dia Blind pipe	120.59	m to	128.44 m
150	mm Dia Slotted pipe	128.44	m to	131.51 m
150	mm Dia Blind pipe	131.51	m to	137.55 m
	mm Dia pipe		m to	m
	mm Dia pipe		m to	m
	mm Dia pipe		m to	m
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	mm Dia pipe		m to	m
	mm Dia pipe		m to	m
	mm Dia pipe		m to	m

Total Assembly= 137.55 m + A.G.L (m) = 138.05 m

ABSTRACT

1.Drilling Started-	
2.Drilling Completed/Lowering-	05/09/2021
3.Drilling Depth (m)-	160 m
4.Assembly Lowered (m)-	138.05
5.Housing Pipe (m)-	36.25
6.Plain Pipe(m)-	77.34
7.Slotted Pipe(m)-	24.26
8.Reducer(m)-	0.20

LOGGING REPORT

1- 18.0 - 35.0 m = 17 m
2- 42.0 - 46.0 m = 04 m
3- 55.0 - 59.0 m = 04 m
4- 79.0 - 95.0 m = 16 m
5- 100.0 - 105.0 m = 05 m
6- 113.0 - 121.0 m = 08 m
7- 128.0 - 132.0 m = 04 m
8- 138.0 - 142.0 m = 04 m
9-
10-

SOUND TEST-
VERTICALITY TEST-

NCC LTD	J.E & A.E	P.M.C.C.P.I.A	E.E