



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756591, 9450364183

Email: siamaresh11@gmail.com, gicahsingh@gmail.com

GSTIN: 09ASAP51017Q1ZG

Ref: TDMA/WWP/JR/761

Date: 07-01-2024

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Manohri urf Sabuaa, Block - Naugarh,
Distt. - Siddharth Nagar

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : 199.90 mbgl

Date of Logging : 07.01.2024

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : VSAIPPL-SCL-JV VEEPL.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R _{mf} & R _w
1	28 - 35	7	Good	R _{mf} = 21.18 Ωm R _w = 23.38 Ωm
2	56 - 62	6	Good	
3	91 - 104	13	Good	
4	111 - 114	3	Good	
5	118 - 126	8	Good	
6	148 - 156	8	Good	
7	166 - 170	4	Good	
8	180 - 184	4	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(A.K. Singh)
Geophysicist

W.P. - Naganahalli - R. Sabaraj
W. 1.1 m

Block - Naganahalli

District - Sidhartha Nagar

Tubewell size = (3000x100) mm

Logging depth = 199.0 m bgl

Drilling Depth = 210.0 m bgl

LPM = 800

Slotted = 30 m

As per logging Report
(07/01/2024)

① $28-35 = 7$

② $56-62 = 6$

③ $91-104 = 13 = 12L$

④ $111-114 = 3 = 3L$

⑤ $118-126 = 8 = 6L$

⑥ $148-156 = 8 = 6L$

⑦ $166-170 = 4 = 3L$

⑧ $180-184 = 4$

Plane Pipe cutting @ 150 mm

① $603 = 447 + 1.56$

② $604 = 5.60 + 1.04$

③ $604 = 5.30 + 0.74$

④ $603 = 2.85 + 3.15$

①	6.01	
②	6.00	
③	6.01	
④	6.00	42.05
⑤	6.02	
⑥	6.02	
⑦	6.01	
		0.200
⑧	6.03	41.58
⑨	6.03	41.78
⑩	6.04	
⑪	6.04	
⑫	6.05	49.84
⑬	6.03	
⑭	6.04	
⑮	6.02	
⑯	1.56	91.62
⑰	6.04	
⑱	6.02	
⑲	447	103.68
⑳	285	732
㉑	3.00	111.00
㉒	5.00	114.00
㉓	6.02	119.00
㉔	6.03	125.03
㉕	6.04	
㉖	6.04	24.11
㉗	6.02	
㉘	6.03	143.16
㉙	6.03	155.19
㉚	5.30	11.73
㉛	3.02	166.52
㉜	6.03	169.54
		175.57
		40.50
		176.07