



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/762

Date: 07-01-2024

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Lakhanpara, Block – Jogiya Khas,  
Distt. – Siddharth Nagar

**Drilling Depth (m)** : 170.00 mbgl as reported by Driller

**Logged Depth (m)** : 165.67 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 <sub>mf</sub> & R <sub>w</sub>
1	30 – 37	7	Good	R <sub>mf</sub> = 44.44 Ωm R <sub>w</sub> = 46.62 Ωm
2	40 – 48	8	Good	
3	52 – 56	4	Good	
4	66 – 73	7	Good	
5	92 – 102	10	Good	
6	114 – 126	12	Good	
7	134 – 150	16	Good	

**Remark** : 1. Almost all zones are intermixed with fine bands of kankar.  
2. No proper granular zones encountered below 150 mbgl to till depth logged.



(A.K. Singh)  
Geophysicist



G.P. Lakshminarayana  
 Block - Jagtihalika  
 District - Siddhartha Nagar

The well size (300x150)  
 165.04

HPM = 600

Aspen logging Report 07/01/24

- ① 30 - 37 = 7
- ② 40 - 48 = 8
- ③ 52 - 56 = 4
- ④ 66 - 73 = 7 ⑥
- ⑤ 92 - 102 = 10 ⑥
- ⑥ 114 - 126 = 12 ⑥
- ⑦ 134 - 150 = 16

Cutting down pipe 150 mm

- ①  $6.00 = 4.00 + 2.00$
- ②  $6.00 = 3.00 + 3.00$

27	6.00	
28	6.01	
29	5.96	
22	6.00	42.12
19	6.02	
12	6.05	
12	6.04	-41.62
	0.20	41.82
16	6.00	
15	6.00	
10	4.00	25.00
12	6.00	
12	3.00	66.82
11	6.00	
10	6.00	72.82
8	3.00	
8	6.00	21.00
7	6.00	
8	6.00	98.82
8	6.00	
8	6.00	-99.82
4	6.00	18.00
3	6.00	
3	6.00	117.82
2	6.00	
2	6.00	-123.82
1	6.00	6.00
		-129.82
		+ 0.50
		<u>130.32</u>