



(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/175

Date: 02-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Bangai, Block - Khuniyon, Distt. - Siddharth Nagar

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

Logged Depth (m) : 164.40 mbgl

Date of Logging : 02.06.2023

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

Logger Used : Robertson Geologging.

Bore Hole Drilled by: VSAIPPL-SCL-JV.

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_n
1	28 - 36	8	Good	$R_{mf} = 23.80 \Omega m$ $R_n = 25.51 \Omega m$
2	44 - 58	14	Good	
3	68 - 78	10	Good	
4	88 - 96	8	Good	
5	100 - 106	6	Good	
6	118 - 124	6	Good	
7	138 - 142	4	Good	

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

Verified as per logs provided.

G. Sh
03/06/23

(A.K. Singh)
Geophysicist

Date

Bangai w/s Scheme Siddharthnagar

Block - Khuniyaon

Q = 700 LPM

Thw size = 300 x 150mm, 165/150mm

M/s VSA-SCL (SV)

= 24m (Slotted)

As per logging Report (02.06.023)

- ① 28 - 36 = 8
- ② 44 - 58 = 14
- ③ 68 - 78 = 10 = 9 ✓
- ④ 88 - 96 = 8 = 3 ✓
- ⑤ 100 - 106 = 6 = 6 ✓
- ⑥ 118 - 124 = 6 = 6 ✓
- ⑦ 138 - 142 = 4

Pipe cutting

150mm plain pipe

6.01 ⇒ 2.70 + 3.31 ✓

6.01 ⇒ 1.85 + 4.16 ✓

150mm Slotted pipe

6.02 ⇒ 3.00 + 3.02 ✓

