



(Ground Water Assessment & Allied Services)

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Ref: TDMA WWP JR 201

Date: 10-06-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Piparpatiya, Block - Mithwal, Distt. - Siddharth Nagar
Drilling Depth (m) : 178.00 mbgl as reported by Driller
Logged Depth (m) : 140.60 mbgl
Date of Logging : 10.06.2023
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_w
1	24 - 35	11	Good	$R_{mf} = 16.39 \Omega m$ $R_w = 15.01 \Omega m$
2	46 - 60	14	Good	
3	64 - 68	4	Good	
4	80 - 90	10	Good	
5	110 - 120	10	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 140 mbgl to till depth logged.

Verified as per
logs provided.

G. S. Ch
12/06/23



Piparpatiya w/s Scheme Siddhardhnagar

Q = 1000 LPM

Block - Mithawal

T/w size = 150 x 300mm, 175/160m
= 30m (Slotted)

M/s VSA-SCL (JV)

As per logging Report (10.06.2025)

- 24 - 35 = 11
- 46 - 60 = 14 = 12 ✓
- 64 - 68 = 04
- 80 - 90 = 10 = 09 ✓
- 110 - 120 = 10 = 09 ✓

pipe cutting

150mm plain pipe

6.00 ⇒ 3.25 + 2.75 ✓

150mm slotted pipe

6.00 ⇒ 3.00 + 3.00 ✓

