



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA WWP/JR/719

Date: 24-12-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Devariya Chaman, Block – Bhanwapur,
Distt. – Siddharth Nagar

Drilling Depth (m) : 167.00 mbgl as reported by Driller

Logged Depth (m) : 164.10 mbgl

Date of Logging : 24.12.2023

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	17 – 23	6	Good	R _{mf} = 14.32 Ωm
2	28 – 38	10	Good	R _w = 16.19 Ωm
3	44 – 53	9	Good	
4	62 – 72	10	Good	
✓ 5	78 – 96	18	Good — 6 mtr	
✓ 6	98 – 108	10	Good — 6 mtr	
✓ 7	120 – 128	8	Good — 6 mtr	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.
2. No proper granular zones encountered below 128 mbgl to till depth logged.



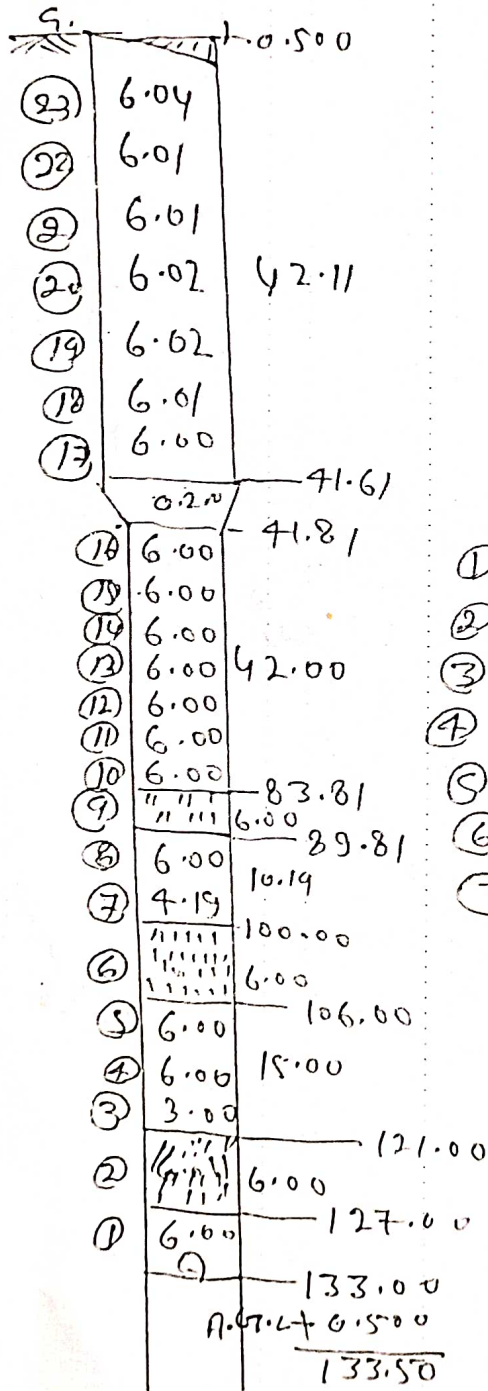
(A.K. Singh)
Geophysicist

G.P - Devan'ya Chaman
 Block - Bhanuapur
 Distt - Siddharth Nagar

Tubewell size (200x150)
 (167/164)

HPM 1 - 600
 Stotted = 18mtr

As per Logging Report
 29/12/2023



- ① 17 - 23 = 6
- ② 28 - 38 = 10
- ③ 44 - 53 = 9
- ④ 62 - 72 = 10
- ⑤ 78 - 96 = 18 - 6 mtr
- ⑥ 98 - 108 = 10 6 mtr
- ⑦ 120 - 128 = 8 6 mtr

Cutting plain pipe 150 mm

- ① 8.94 = 4.19 + 1.9
- ① 6.60 = 3.0 + 3.0