

II.T.W



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Sp. 31

file-3

Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 805 - R / AX - 2024 Date 05.08.2024

Geophysical Borehole Logging Report

Name of the site : Ramgarh, Block – Naugarh

District : Siddharth Nagar

Date : 05.08.2024

Depth logged : 167.0 mbgl

Depth drilled : 170.0 mbgl – as reported

Logger use : Robertson make

Presence : Rep. of M/S Jakson Vishvaraj (JV), Siddharth Nagar

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	22.0–29.0	7.0	Good all
2	32.0–36.0	4.0	
3	42.0–50.0	8.0	
4	56.0–60.0	4.0	
5	62.0–66.0	4.0	
6	83.0–96.0	13.0	
7	98.0–104.0	6.0	
8	116.0–120.0	4.0	
9	134.0–142.0	8.0	
10	152.0–164.0	12.0	

Note. All zones are intermixed with fine bands of kankar.

for Aqua Xplore

To

M/S Jakson Vishvaraj (JV), Siddharth Nagar
Uttar Pradesh

JJM - Phase - 5, Siddhant Nagar

G.P. Ramgadh
(Second tubewell)

Block - Mangarh

Drilling Size - 500x500 mm

ASS. Size - 200x150 mm

A. discharge - 500 LPM

Drilling depth of T/W - 200 mtr

Lowering of T/W - 180 mtr

Logging Report: 05.08.2024

①	22.0	- 29.0	- 7.0m
②	32.0	- 36.0	- 4.0m
③	42.0	- 50.0	- 8.0m
④	56.0	- 60.0	- 4.0m
⑤	62.0	- 66.0	- 4.0m
⑥	83.0	- 96.0	- 13m
⑦	98.0	- 104.0	- 6.0m
⑧	116.0	- 120.0	- 4.0m
⑨	134.0	- 142.0	- 8.0m
⑩	152.0	- 164.0	- 12m

Total lowering
= 147.00 + 0.500 (AGL)
= 147.500 (mtr)

