



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 103 - C / AX - 2025

Date 03.01.2024

Geophysical Borehole Logging Report

Name of the site : Chetra & Karma T/W-2, Block - Shohratgarh

District : Siddharth Nagar

Date : 03.01.2024

Depth logged : 200.0 mbgl

Depth drilled : 203.0 mbgl - as reported

Logger use : Robertson make

Presence : Rep. of M/S VSAIPPL-SCL 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	26.0-33.0	7.0	Good all
2	54.0-58.0	4.0	
3	104.0-108.0	4.0	
4	116.0-120.0	4.0	
5	140.0-153.0	13.0	
6	158.0-165.0	7.0	
7	175.0-183.0	8.0	

Note. All zones are intermixed with kankar.

for Aqua Xplore

To

M/S VSAIPPL- SCL JV, Siddharth Nagar
Uttar Pradesh

Block :- Shorathgarh
Dist :- Siddharth Nagar

Bore size :- (500mm X 500mm)

LPM :- 550

$$\therefore 26 - 33 = 7.0$$

2.1 $54 - 58 = 4.0$

3.) $\log 4 - \log 8 = 4.0 - \textcircled{3}$

4.) $116 - 120 = 4.0 - (3)$

5.) $140 - 153 = 13.0 - (12)$

6.) $158 - 165 = 7.0 - ⑥$

7.1 $175 - 183 = 8.0$

$\Rightarrow$ Plain pipe ϕ — (150 mm)

$$\textcircled{1} 6.00 = 3.00 + 3.00$$

$$\textcircled{ii} \quad 6.00 = \underset{\checkmark}{2.67} + \underset{\checkmark}{3.33}$$

i) $6.00 = 3.00 + 3.00$

