



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Ref. 106 - N / AX - 2024 Date 06.01.2024

Geophysical Borehole Logging Report

Name of the site :, Nasirganj, Block - Khesaraha

District : Siddharth Nagar

Date : 06.01.2024

Depth logged : 165.0 mbgl

Depth drilled : 165.0 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	18.0----33.0	15.0	Good all
2	40.0----44.0	4.0	
3	55.0----65.0	10.0	
4	70.0----80.0	10.0	
5	130.0----134.0	4.0	
6	140.0----147.0	7.0	
7	160.0----165.0	5.0	

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

for Aqua Xplore

To

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



G.P → Nagaonj
Block → Khesarahei
Distt → Siddharth Nagar

Tubewell size (300X150)
165X165

Slotted - 24.09 m²

plain cutting pipe (150 mm)

$$6.00 = \underbrace{3.45}_{\checkmark} + \underbrace{2.55}_{\times}$$

$$5.44 = \underbrace{3.00}_{\checkmark} + \underbrace{2.44}_{\times}$$

$$5.99 = \underbrace{4.00}_{\checkmark} + \underbrace{1.99}_{\times}$$

Slotted cutting pipe (150 mm)

~~Slotted~~
$$6.00 = \underbrace{3.00}_{\checkmark} + \underbrace{3.00}_{\checkmark}$$

$$6.00 = \underbrace{3.00}_{\checkmark} + \underbrace{3.00}_{\checkmark}$$

6.00	0.50
6.03	
6.00	
5.09	
6.04	40.26
5.07	
6.03	
0.200	39.76
6.00	39.96
3.45	15.45
6.00	55.41
6.00	
3.00	64.41
6.00	
6.00	70.41
3.00	73.41
6.00	
6.00	
6.00	
6.00	
3.00	51.60
6.00	
6.00	
6.00	
6.00	130.41
3.00	133.41
4.00	
3.00	140.41
6.00	143.41
7	149.41
Aug + 0.5	
	149.91