

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Scheme Name:- **SANTORA**

Name of Activity:- **LOWERING OF TUBEWELL**

Block Name:- **SHOH RATH GARRH.**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5M AKL	200 mm Dia housing pipe to 35.56 M
			6.00	200 x150mm reducer from 35.56 M to 35.76 M
			6.01	150mm dia plain pipe from 35.76 M to 95.70 M
			6.02	150mm dia slotted pipe from 95.70 M to 101.72 M
21-12		CLAY	6.01	150mm dia plain pipe from 101.72 M to 122.76 M
25-31		MEDIUM SAND	6.02	150mm dia slotted pipe from 122.76 M to 125.76 M
			35.56	150mm dia plain pipe from 125.76 M to 140.81 M
36-32		CLAY	0.2	150mm dia slotted pipe from 140.81 M to 143.82 M
			35.76	150mm dia plain pipe from 143.82 M to 149.85 M
50-18		MEDIUM SAND	5.98	150mm dia slotted pipe from M to M
			5.98	150mm dia plain pipe from M to M
55-20		CLAY	5.99	150mm dia slotted pipe from M to M
60-12		FINE TO MEDIUM SAND	5.99	150mm dia plain pipe from M to M
65-13		CLAY	6.00	150mm dia slotted pipe from M to M
			6.01	150mm dia plain pipe from M to M
80-32		FINE SAND	6.01	
83-41		CLAY	6.01	
86-12		FINE TO MEDIUM SAND	6.01	
90-21		CLAY		
95-31		MEDIUM SAND	6.02	Total Assembly- 149.85 M+AGL 0.5= 150.35 M
105-17		CLAY		
			95.70	
120-21		MEDIUM SAND	6.01	
			6.01	
128-31		CLAY	6.02	
			3.00	
140-22		MEDIUM SAND		
			122.76	
146-03		CLAY	6.02	
			6.02	
152-18		FINE SAND	3.01	
			140.81	
156-33		CLAY	6.03	
			143.82	
169-14		FINE TO MEDIUM SAND		
			149.85	
173-28		CLAY	+0.5	
			150.35	
176-13		MEDIUM SAND		
182-14		CLAY		
198M		CLAY		

Total Assembly- 149.85 M+AGL 0.5= 150.35 M

ABSTRACT

Date of Lowering-	
LPM-	
Drilling Depth-	148.185 M
Assembly Lowered-	150.35 M
Housing Pipe-	36.06 M
Plain Pipe-	102.06 M
Slotted Pipe-	12.03 M
Reducer-	0.2 M

LOGGING REPORT

Date of Logging-	
Logging Depth-	185 M
21-25 =	4
50-55 =	5
60-65 =	5
80-83 =	3
86-90 =	4
95-105 =	10
120-128 =	8
140-146 =	6
152-156 =	4
169-173 =	4
176-182 =	6



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Aqua Xplore

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

Ref. 107 - S / AX - 2023

Date 07.01.2023

Geophysical Borehole Logging Report

Name of the site : Santora, Block – Shohratgarh

District : Siddharth Nagar

Date : 07.01.2023

Depth logged : ~~185.0~~ mbgl

Depth drilled : 200.0 mbgl – as reported

Logger use : ~~Robertson~~ make

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

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	21.0–25.0	4.0	Good all
2	50.0–55.0	5.0	
3	60.0–65.0	5.0	
4	79.0–83.0	4.0	
5	86.0–90.0	4.0	
6	95.0–105.0	10.0	
7	120.0–128.0	8.0	
8	140.0–146.0	6.0	
9	152.0–156.0	4.0	
10	169.0–173.0	4.0	
11	176.0–182.0	6.0	

Note. All zones are intermixed with kankar. Sl. Nos. 7 to 11 are highly kankar intermixed.

Verified as per
logs provided
Note:- SrNo 4-80-83
(3m)
SrNo 11-177
-182
(5m)

[Signature]

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

G. Gh
07/01/23