

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **SHOMRATHGARH**

Scheme Name:- **SITA RAMPUR**

Name of Activity :- **BOREWELL 02**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			+ 0.50	200 mm Dia housing pipe to 35.63 M
			6.04	200 x150mm reducer from 35.63 M to 35.83 M
			6.00	150mm dia plain pipe from 35.83 M to 77.98 M
			6.01	150mm dia slotted pipe from 77.98 M to 84.01 M
			6.01	150mm dia plain pipe from 84.01 M to 120.03 M
			6.03	150mm dia slotted pipe from 120.03 M to 126.07 M
			6.04	150mm dia plain pipe from 126.07 M to 138.06 M
34.16		clay	0.20	150mm dia slotted pipe from 138.06 M to 144.06 M
38.05		Medium Sand	6.00	150mm dia plain pipe from 144.06 M to 150.08 M
		clay	6.03	
53.23		clay	6.02	
		Finesand	6.03	
57.19		clay	6.03	
		clay	6.02	
67.23		Finesand	6.02	
71.54		clay	6.02	
76.21		Medium Sand	77.98	
		Medium Sand	84.01	
86.03		clay	6.03	
		clay	6.03	
		clay	6.02	
		clay	6.02	
116.35		Medium Sand	5.99	
		Medium Sand	6.01	
		clay	6.01	
		clay	6.01	
		clay	6.00	
		clay	6.00	
129.13		Medium Sand	120.03	
		Medium Sand	126.07	
		clay	6.04	
135.20		clay	5.98	
		clay	6.01	
		Medium Sand	6.01	
145.34		Medium Sand	126.07	
		Medium Sand	138.06	
148.19		clay	144.06	
		clay	150.08	
154.31		Medium Sand	6.02	
		Medium Sand	6.02	
160.08		clay	6.02	
		Medium Sand	6.02	
164.19		clay	6.02	
		clay	6.02	
170.40		clay	6.02	
		Medium Sand	6.02	
182.31		Medium Sand	6.02	
		Medium Sand	6.02	
186.15		clay	6.02	
		Medium Sand	6.02	
190.31		Medium Sand	6.02	
		clay	6.02	
198		clay	6.02	
				Total Assembly- 150.08 M+AGL 0.5= 150.58 M
ABSTRACT				
Date of Lowering-				25-07-22
LPM-				500 LPM
Drilling Depth-				198 M
Assembly Lowered-				150.58 M
Housing Pipe-				36.13 M
Plain Pipe-				96.18 M
Slotted Pipe-				18.07 M
Reducer-				0.20 M
LOGGING REPORT				
Date of Logging-				22.7.22
Logging Depth-				202 M
				34-38 = 4
				53-57 = 4
				67-71 = 4
				76-86 = 10
				116-129 = 13
				135-145 = 10
				148-154 = 6
				160-164 = 4
				170-182 = 12
				186-190 = 4
				198-202 = 4

MEIL

TPI

J.E.

A.E.

E.E.



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 722 - S / AX - 2022

Date 22.07.2022

Geophysical Borehole Logging Report

Name of the site : Sitarampur TW-2, Block - Shohratgarh

District : Siddharth Nagar

Date : 22.07.2022

Depth logged : 202.0 mbgl

Depth drilled : 204.0 mbgl - as reported

Logged by : Aqua Xplore *Robertson Make.*

Presence : Er.A.K.Maurya, J.E., Mr. Mubaraq Hussain, TPI & 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	34.0---38.0	4.0	Good all
2	53.0---57.0	4.0	
3	67.0---71.0	4.0	
4	76.0---86.0	10.0	
5	116.0---129.0	13.0	
6	135.0---145.0	10.0	
7	148.0---154.0	6.0	
8	160.0---164.0	4.0	
9	170.0---182.0	12.0	
10	186.0---190.0	4.0	
11	198.0---202.0	4.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 2,3 & 10 are fine sand.

*Verified as per logs provided.
Note - Sr No 7 may consider as 137-145 (0m).*

S. S.
ASSISTANT HYDROGEOLOGIST
ZYARAT NAGAR
U. P. JAL NIGAM (RURAL)
MUNGAO

[Signature]
for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad



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

Ref. 713 - S / AX - 2022

Date 13.07.2022

Geophysical Borehole Logging Report

Name of the site : Sitarampur, Block – Shohratgarh

District : Siddharth Nagar

Date : 13.07.2022

Depth logged : ~~200.0~~ mbgl

Depth drilled : 202.0 mbgl – as reported

Logged by : Aqua Xplore

Presence : Er.A.K.Maurya, J.E., Mr. Mubaraq Hussain, TPI & 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	30.0—40.0	10.0	Good all
2	53.0—63.0	10.0	
3	77.0—90.0	13.0	
4	116.0—123.0	7.0	
5	134.0—147.0	13.0	
6	164.0—174.0	10.0	
7	184.0—190.0	6.0	

Note, All zones are intermixed with fine bands of kankar. Sl. No. 1 & 7 are fine sand.

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for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per
logs provided.

G.Sh
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