

## STRATA CHART

Cover Agreement No. :-

Name of District:-

Siddharth Nagar

Block Name:-

Naugach

Scheme Name:-

SAHA

Name of Activity :-

TIW

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			0.50	200 mm Dia housing pipe to 41.68 M
			6.02	200 x150mm reducer from 41.68 M to 41.28 M
			6.03	150mm dia plain pipe from 41.88 M to 96.16 M
			6.02	150mm dia slotted pipe from 96.16 M to 102.20 M
			6.03	150mm dia plain pipe from 102.20 M to 114.28 M
			6.03	150mm dia slotted pipe from 114.28 M to 126.36 M
			6.02	150mm dia plain pipe from 126.36 M to 132.40 M
			6.03	150mm dia slotted pipe from M to M
			6.03	150mm dia plain pipe from M to M
30		clay	6.03	
		medium sand	6.03	
			6.03	
38		clay	0.20	Total Assembly- 132.40 M+AGL 0.5= 132.9 M
44		medium sand	6.02	
47		clay	6.03	
			6.04	
			6.05	
66		medium sand	6.03	
			6.03	
73		clay	6.03	
			6.03	
92		fine sand	6.02	
			6.04	
107		clay	6.04	
112		fine sand	6.04	
			6.04	
128		clay	6.04	
138		medium sand	0	
			132.40	
152		clay	+0.50	
154		medium sand	132.90 M	
160		clay		
164		medium sand		
170		clay		
170		medium sand		
185		clay		
188		medium sand		
200		clay		

### ABSTRACT

Date of Lowering-

LPM- 400

Drilling Depth- 200 M

Assembly Lowered- 132.90 M

Housing Pipe- 42.18 M

Plain Pipe- 72.40 M

Slotted Pipe- 18.12 M

Reducer- 0.20 M

### LOGGING REPORT

Date of Logging- 22/06/23

Logging Depth- 200 M

30-38 = 8

44-47 = 3

66-73 = 07

92-107 = 15

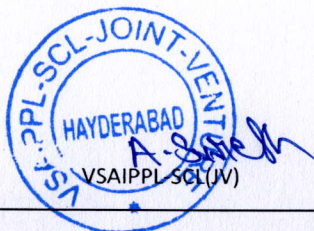
112-128 = 16

138-152 = 14

154-160 = 06

164-170 = 06

185-188 = 03



TPI

J.E.

A.E.

E.E.

# SAHA w/s Scheme Siddhantnagar

Block - Shohratgarh

$$\Phi = 400 \text{ LPM}$$

The size:  $150 \times 200$ ,  $180/200 \text{ m}$   
 $= 18 \text{ m (slotted)}$

As per M/S USA-SCLLJU

As per logging

$$30 - 38 = 8$$

$$44 - 47 = 3$$

$$66 - 73 = 7$$

$$92 - 107 = 15 = 6 \checkmark$$

$$112 - 128 = 16 = 12 \checkmark$$

$$138 - 152 = 14$$

$$154 - 160 = 6$$

$$164 - 170 = 6$$

$$185 - 188 = 3$$

22	6.02	
21	6.03	
20	6.02	
19	6.03	= 42.18
18	6.02	
17	6.03	
16	6.03	41.68
41.88		
15	6.02	
14	6.03	
13	6.04	
12	6.05	= 54.28
11	6.03	
10	6.03	
9	6.03	
8	6.03	
7	6.02	96.16
6	6.04	" "
	" "	102.20
5	6.04	= 12.08
4	6.04	114.28
3	6.04	" "
2	6.04	" "
	" "	126.36
1	6.04	" "
	" "	132.40
		+ 0.50
		<u>132.90 m</u>

AE



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 22603 1

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/238

Date: 22-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Shaha, Block – Naugarh, Distt. – Siddharth Nagar

Drilling Depth (m) : 212.00 mbgl as reported by Driller

Logged Depth (m) : ~~200.10~~ mbgl

Date of Logging : 22.06.2023

Types of Log : ~~S.P., Resistivity (Normal) & Natural Gamma~~ 200

Logger Used : ~~Robertson Geologging.,~~

Bore Hole Drilled by: VSAIPPL-SCL-JV VEEPL, Siddharth Nagar, U.P.,



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>30 – 38</del>	<del>8</del>	<del>Good</del>	$R_{mf} = 13.79 \Omega m$ $R_w = 14.78 \Omega m$
<del>2</del>	<del>44 – 47</del>	<del>3</del>	<del>Good</del>	
<del>3</del>	<del>66 – 73</del>	<del>7</del>	<del>Good</del>	
<del>4</del>	<del>92 – 107</del>	<del>15</del>	<del>Good</del>	
<del>5</del>	<del>112 – 128</del>	<del>16</del>	<del>Good</del>	
<del>6</del>	<del>138 – 152</del>	<del>14</del>	<del>Good</del>	
<del>7</del>	<del>154 – 160</del>	<del>6</del>	<del>Good</del>	
<del>8</del>	<del>164 – 170</del>	<del>6</del>	<del>Good</del>	
<del>9</del>	<del>185 – 188</del>	<del>3</del>	<del>Good</del>	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

Verified as per  
logs provided

G.Sh  
23/06/23

  
  
(G. S. Singh)  
Geophysicist