



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 1010 - S / AX- 2023

Date 10.10.2023

Geophysical Borehole Logging Report

Name of the site : Samogra, Block - Mithwal

District : Siddharth Nagar

Date : 10.10.2023

Depth logged : 170.0 mbgl

Depth drilled : 172.0 mbgl - as reported

Logger use : Robertson make

Presence : Rep. of M/S VSAIPPL-SCL (JV) VEEPL, 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	24.0-32.0	8.0	Good all
2	46.0-50.0	4.0	
3	65.0-72.0	7.0	
4	87.0-94.0	7.0	
5	100.0-104.0	4.0	
6	120.0-126.0	6.0	
7	145.0-149.0	4.0	
8	157.0-164.0	7.0	

Note. All zones are intermixed with fine bands of kankar. Sl. No. 6 is highly kankar intermixed. Sl. No. 7 is fine sand.

for Aqua Xplore

To
M/S VSAIPPL- SCL (JV) VEEPL, Siddharth Nagar
Uttar Pradesh



SCL
SOLAR TECH LIMITED

VSAIPPL-SCL JOINT VENTURE

SWS PROJECT, SIDDHARTH NAGAR, U.P

300 : 6
150 : 15
600 : 4



Cover Agreement No. :-

Name of District:-

Scheme Name:- **Chhitaura & Samogara Sand Second**

Block Name:-

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			6.01	300 mm Dia housing pipe to 41.55M
		clay	6.01	300 x150mm reducer from 41.55 M to 41.75M
			5.98	150mm dia plain pipe from 41.75 M to 65.50M
24			6.02	150mm dia slotted pipe from 65.50 M to 71.54M
		Sand	6.01	150mm dia plain pipe from 71.54 M to 87.50 M
32			6.01	150mm dia slotted pipe from 87.50 M to 93.54 M
		clay	6.00	150mm dia plain pipe from 93.54 M to 100.54M
46			0.2	150mm dia slotted pipe from 100.54 M to 103.54M
		Konkar + Fine Sand	6.03	150mm dia plain pipe from 103.54 M to 121.67 M
50			6.03	150mm dia slotted pipe from 121.67 m to 124.71
		clay	5.67	150mm dia plain pipe 124.71 m to 130.75
65			6.02	Total Assembly- 130.75 M+AGL 0.5= 131.25M
		Konkar + Fine Sand	" " "	
72			6.02	
		clay	3.92	
87			6.02	
		Sand	" " "	
94			" " "	
		clay	3.00	
100			4.00	
		Konkar + Fine Sand	" " "	
104			" " "	
		clay	6.03	
120			6.05	
		Sand	6.05	
124			" " "	
		clay	6.04	
145			" " "	
149		Konkar + Fine Sand	" " "	
			0.50	
			131.25	

ASSEMBLY DETAILS	
300 mm Dia housing pipe	to 41.55M
300 x150mm reducer	from 41.55 M to 41.75M
150mm dia plain pipe	from 41.75 M to 65.50M
150mm dia slotted pipe	from 65.50 M to 71.54M
150mm dia plain pipe	from 71.54 M to 87.50 M
150mm dia slotted pipe	from 87.50 M to 93.54 M
150mm dia plain pipe	from 93.54 M to 100.54M
150mm dia slotted pipe	from 100.54 M to 103.54M
150mm dia plain pipe	from 103.54 M to 121.67 M
150mm dia slotted pipe	from 121.67 m to 124.71
150mm dia plain pipe	124.71 m to 130.75
Total Assembly- 130.75 M+AGL 0.5= 131.25M	

ABSTRACT	
Date of Lowering-	
LPM-	600 LPM
Drilling Depth-	M
Assembly Lowered-	131.25 M
Housing Pipe-	42.05 M
Plain Pipe-	72.88 M
Slotted Pipe-	18.12 M
Reducer-	200 M

LOGGING REPORT	
Date of Logging-	10/10/23
Logging Depth-	170.0
24-32	8
46-50	4
65-72	7
87-94	7
100-104	4
120-124	6
145-149	4
157-164	7