

# FIRST BEST SOLUTIONS

(COMPLETE GROUND WATER SERVICE PROVIDER)

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## Geophysical Borehole Logging Report

By Sh. R. Chandra, Sr. Scientist (Retd.)

The geo-electric logging was done in the borehole at village Semarhawa, Block Pachperwa, District Balrampur, U.P.

Name of Village : Semarhawa

Block – Pachperwa

District: Balrampur

Date : 3-12-2023

Depth logged : 275.0 mbgl

Logger use : Robertson

Based on the Interpretation report from geophysical Log chart following granular zones have been deciphered.

S.No	Depth Range (m.bgl)		Thickness (m)	LITHOLOGY
	From	To		
1	6	12	6	<b>fine sand</b>
2	12	22	10	Sandy clay
3	22	24	2	<b>fine sand</b>
4	24	27	3	Clay with kankar
5	27	29	2	<b>fine sand</b>
6	29	34	5	Clay with kankar
9	34	38	4	<b>fine sand</b>
10	38	64	26	Sandy clay
11	64	70	6	<b>fine sand</b>
12	70	78	8	Clay with kankar
13	78	86	8	<b>fine sand</b>
14	86	102	16	Clay with kankar
15	102	104	2	<b>fine sand</b>
16	104	106	2	Clay with kankar
17	106	108	2	<b>fine sand</b>
18	108	109	1	Clay with kankar
19	109	112	3	<b>fine sand</b>
20	112	118	6	Clay with kankar
21	118	122	4	<b>fine sand</b>
22	122	136	14	Clay with kankar
23	136	138	2	<b>fine sand</b>
24	138	144	6	Clay with kankar
25	144	146	2	<b>fine sand</b>

S.No	Depth Range (m.bgl)		Thickness (m)	LITHOLOGY
	From	To		
26	146	153	7	Clay with kankar
27	153	159	6	<b>fine sand</b>
28	159	178	19	Clay with kankar
29	178	180	2	<b>fine sand</b>
30	180	184	4	Clay with kankar
31	184	186	2	<b>fine sand</b>
32	186	192	6	Clay with kankar
33	192	195	3	<b>fine sand</b>
34	195	197	2	Clay with kankar
35	197	200	3	<b>fine sand</b>
36	200	214	14	Clay with kankar
37	214	217	3	<b>fine sand</b>
38	217	219	2	Clay with kankar
39	219	224	5	<b>fine sand</b>
40	224	228	4	Clay with kankar
41	228	231	3	<b>fine sand</b>
42	231	242	11	Clay with kankar
43	242	245	3	<b>fine sand</b>
44	245	254	9	Clay with kankar
45	254	258	4	<b>fine sand</b>
46	258	274	16	Clay with kankar

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