

STRATA CHART

Cover Agreement No. :-

Name of District:-

Block Name:- *Mithwal*

Scheme Name:- *Chhitaura + Samogar - 1*

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			0.500	300 mm Dia housing pipe to 41.73 M
		Clay	6.03	800 x150mm reducer from 41.73 M to 41.93 M
			6.03	150mm dia plain pipe from 41.93 M to 65.00 M
			6.03	150mm dia slotted pipe from 65.00 M to 70.00 M
			6.04	150mm dia plain pipe from 70.00 M to 82.53 M
23	▲ ▲ ▲ ▲ ▲ ▲ ▲	Kankar + Fine Sand	6.04	150mm dia slotted pipe from 82.53 M to 85.53 M
30		clay	6.03	150mm dia plain pipe from 85.53 M to 160.48 M
			6.03	150mm dia slotted pipe from 160.48 M to 169.54 M
			6.03	150mm dia plain pipe from 169.54 M to 172.58 M
			0.200	Total Assembly- 172.58M+AGL 0.5= 173.08M
45		Fine Sand	6.03	
49		Clay	6.03	
65		Fine Sand	4.98	
70		Clay	3.53	
			1.03	
82	▲ ▲ ▲ ▲ ▲ ▲ ▲	Kankar + Sand	3.00	
86		Clay	6.03	
100	▲ ▲ ▲ ▲ ▲ ▲ ▲	Kankar + Sand	6.04	
104		Clay	6.03	
122		Fine Sand	6.04	
126			6.03	
		clay	6.04	
160			2.53	
			6.03	
			3.03	
		Fine Sand	6.09	
			4.11	
			3.94	
173		Clay	□	
			172.58 + 0.500	
			173.08	

ABSTRACT	
Date of Lowering-	
LPM-	600
Drilling Depth-	M
Assembly Lowered-	173.08M
Housing Pipe-	42.23 M
Plain Pipe-	113.59 M
Slotted Pipe-	17.06 M
Reducer-	M

LOGGING REPORT	
Date of Logging-	173.0 22/08/2023
Logging Depth-	173.0
23.0 - 30.0	7
45.0 - 49.0	4
65 - 70	5
82 - 86	4
100 - 104	4
122 - 126	4
160 - 173	13



M. P. Singh
TPI

A. K. Singh
J.E.

A. K. Singh
A.E.

E.E.

Chhetaung & Samogara
 W.S.S In
 Dist - Sidhokathnagar
 Block - mithwal
 Tubewell size = 300x150

180/174

Lpm = 600/-
 slotted = 18m

As per logging Report
 (22-09-2023)

23 - 30 = 7
 45 - 49 = 4
 65 - 70 = 5 ✓
 82 - 86 = 4 = 3 ✓
 100 - 104 = 4
 122 - 126 = 4
 160 - 173 = 13 = 9 ✓

pipe cutting
 150 mm plain

6.04 = 4.98 + 1.06
 6.03 = 3.5 + 2.53
 6.04 = 3.00 + 3.04

slotted pipe cutting

6.03 = 5 + 1.03
 6.03 = 3.00 + 3.03

See

32	6.03	
31	6.03	
30	6.03	42.23
29	6.04	
28	6.04	
27	6.03	
26	6.03	41.73
		0.20
		41.93
25	6.03	
24	6.03	23.07
23	6.03	
22	4.98	
	" " " "	65.00
21	5.00	" " " "
	" " " "	70.00
20	3.50	
19	6.03	12.53
18	3.00	
	" " " "	82.53
17	3.00	" " " "
	" " " "	85.53
16	6.03	
15	6.04	
14	6.04	
13	6.03	
12	6.03	
11	6.04	
10	6.04	74.95
9	6.03	
8	6.03	
7	6.04	
6	6.04	
5	2.53	
4	6.03	160.480
	" " " "	9.06
3	3.03	" " " "
	" " " "	169.540
2	6.03	" " " "
	3.04	
1		172.58



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 822 - S / AX - 2023 Date 22.08.2023

Geophysical Borehole Logging Report

Name of the site : Chhitauna & Samogara, Block - Mithwal

District : Siddharth Nagar

Date : 22.08.2023

Depth logged : 173.0 mbgl

Depth drilled : 180.0 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	23.0—30.0	7.0	Good all
2	45.0—49.0	4.0	
3	65.0—70.0	5.0	
4	82.0—86.0	4.0	
5	100.0—104.0	4.0	
6	122.0—126.0	4.0	
7	160.0—173.0	13.0	

Note, All zones are intermixed with kankar. Sl.Nos.4,5 & 6 are highly intermixed with kankar.

for Aqua Xplore

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