

Cover Agreement No. :-

Name of District:- *Siddharth Nagar*

Scheme Name:- *Mahokhwa*

Name of Activity :- *T/W*

Block Name:- *Mithwal*

Depth B. G.L. Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0			0.500	360 mm Dia housing pipe to 41.53 M
17		clay	6.01	360x150mm reducer from 41.53 M to 41.73 M
21		Fine Sand	6.00	150mm dia plain pipe from 41.73 M to 98.47 M
25		clay	6.01	150mm dia slotted pipe from 98.47 M to 104.98 M
32		Medium Sand	6.01	150mm dia plain pipe from 104.98 M to 116.50 M
40		clay	6.00	150mm dia slotted pipe from 116.50 M to 122.50 M
49		Fine Sand	6.01	150mm dia plain pipe from 122.50 M to 134.51 M
57		clay	6.00	150mm dia slotted pipe from 134.51 M to 140.51 M
61		medium Sand	6.01	150mm dia plain pipe from 140.51 M to 145.01 M
64		clay	6.00	150mm dia slotted n 145.01 m to 151.01 m
68		Fine Sand	6.01	150mm n plain n 151.01 m to 157.51 m
91		clay	6.00	Total Assembly- 157.01 M + AGL 0.5 = 157.51 M
95		Fine Sand	6.01	
99		clay	2.70	
105		Kankari + Fine Sand	6.01	
116		clay	6.01	
123		Kankari + Fine Sand	6.00	
134		clay	6.01	
141		Kankari + Medium Sand	6.00	
145		clay	4.50	
151		Kankari + Fine Sand	6.00	
162		clay	6.00	
162		Fine Sand	+ 0.50	
175		clay	157.51	

ABSTRACT

Date of Lowering- *29/04/2023*

LPM- *750*

Drilling Depth- *175* M

Assembly Lowered- *157.51* M

Housing Pipe- *42.03* M

Plain Pipe- *91.27* M

Slotted Pipe- *24.01* M

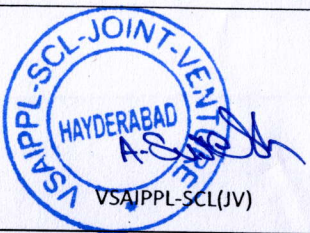
Reducer- *0.200* M

LOGGING REPORT

Date of Logging- *25/04/2023*

Logging Depth- *175.00*

17-21	04
25-32	07
40-49	09
57-61	04
64-68	04
91-95	04
99-105	07
116-123	07
134-141	07
145-151	06
162-168	06



TPI

Atm
J.E.

CA
A.E.

E.E.

Matekawa GOV w.s.s. Tlw Block - Mithwal indiet Sieldhaurh

$Q = 750 \text{ lpm}$
 $= 300 \times 150 \text{ mm } \phi$
 $= 175 / 160 \text{ m}$
 $= 24 \text{ m}$

27	6.01	0.50m
26	6.00	
25	6.00	
24	6.01	
23	6.01	
22	6.00	
21	6.00	

= 42.03

Stata As per logging: -

- 1- 17-21 = 4
- 2- 25-32 = 7
- 3- 40-49 = 9
- 4- 57-61 = 4
- 5- 64-68 = 4
- 6- 98-95 = 04
- 7- 98-105 = 07 = 6
- 8- 116-123 = 07 = 6
- 9- 134-141 = 07 = 6
- 10- 145-151 = 06 = 6
- 11- 162-168 = 06

20	6.00	0.20
19	6.01	
18	6.01	
17	6.00	
16	6.01	
15	6.00	
14	6.00	
13	6.00	
12	6.01	

41.53

41.73

= 56.74

11	2.70	98.47
10	" " "	6.01
9	6.01	104.48
8	6.01	= 12.02
7	" " "	116.50
6	6.01	6.00
5	6.00	122.50
4	" " "	= 12.01
3	4.50	134.51
2	" " "	6.00
1	6.00	140.51
0		145.01
		6.00
		151.01
		157.01

Cutting 6" Plain

6.00 → 2.70 + 3.30

6.01 → 4.50 + 1.51

Seen
 M
 AK

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 273

Dated: 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahokhwa
Block: Mithawl
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 180.0 m bgl
Logging Depth: 175.0 m bgl
Date of logging: 24-04-2023
Rm - 16.0 cm Rw - 15.0 cm

175

Borehole Drilled by: M/s VSAIPPL-SCL (JV), VEEPL-Siddarth Nager U.P

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	17 - 21	04	Good
2.	25 - 32	07	Good
3.	40 - 49	09	Good
4.	57 - 61	04	Good
5.	64 - 68	04	Good
6.	91 - 95	04	Good
7.	98 - 105	07	Good
8.	116 - 123	07	Good
9.	134 - 141	07	Good
10.	145 - 151	06	Good
11.	162 - 168	06	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zones Sl. No. 2, 3 & 4 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. Ch
26/04/23