

Name Of GP: Mithna Sithna BLOCK: Haisar bezar DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L		PROPOSED LOWERED ASSEMBLY		DPR DETAILS			
		0.50 m GL		SL Lowering Date - <u>04/04/2023</u>			
				1 Tubewell Discharge in LPM <u>1250 LPM</u>			
				2 Drilling Depth <u>158 m</u> Di Dia <u>650mm - 40m</u> Dia <u>550mm - 118m</u>			
				3 Tubewell Assembly Size - <u>300 X 200 mm</u>			
				Depth Logged -			
				Date of Logging -			
				SI			
				Depth Range Mbgl			
				Thickness in Mtr.			
				Remarks.			
18	Soil	6.00		1	18-22	4	
22	m. Sand + Kankar	6.01		2	32-36	4	
32	Clay	6.01		3	41-48	7	All good
36	Sand + Kankar	6.01		4	52-64	12	
41	Clay	6.05		5	73-77	4	
48	Sand + Kankar		35.58 m	6	90-93	3	
52	H. Clay	0.20		7	101-111	10	
64	m. Sand + FHK		35.78 m	8	117-120	3	
73	Clay	6.00		9	125-132	7	
77	Sand + Kankar	6.00		10	137-144	7	
90	H. Clay	4.22		11	150-153	3	
93	Sand + HK		52.00 m	ASSEMBLY DETAILS			
101	Clay	12.00		300 mm Dia Housing Pipe A.G.L. 0.50 m			
111	m. Sand + Kankar		64.00 m	200 mm Dia Housing Pipe B.G.L. 35.58 m			
117	H. Clay	9.00		300X200 mm Dia Reducer 35.58 m to 35.78 m			
120	Sand + Kankar			200 mm Dia Plain Pipe 35.78 m to 52.00 m			
125	Clay	6.05		200 mm Dia Slotted Pipe 52.00 m to 64.00 m			
132	m. Sand + Kankar	6.01		200 mm Dia Plain Pipe 64.00 m to 101.79 m			
137	H. Clay	6.01		200 mm Dia Slotted Pipe 101.79 m to 110.79 m			
144	m. Sand + Kankar	6.00		200 mm Dia Plain Pipe 110.79 m to 125.30 m			
150	Clay	6.00		200 mm Dia Slotted Pipe 125.30 m to 131.30 m			
153	m. Sand + Kankar	2.5		200 mm Dia Plain Pipe 131.30 m to 137.31 m			
158	H. Clay	3.5		200 mm Dia Slotted Pipe 137.31 m to 140.31 m			
				200 mm Dia Plain Pipe 140.31 m to 143.81 m			
				Total assembly- 143.81 Mtr. + A.G.L. = 144.31 m			
				3- Proposed Assembly for lowering			
				(1) 300MM DIA MISERW HOUSING PIPE = 36.08 m ✓			
				(2) 200MM DIA MISERW HOUSING PIPE =			
				(3) 300MM DIA MISERW PLAIN PIPE = 78.03 m ✓			
				(4) 200MM MISERW SLOTTED PIPE = 30.00 m ✓			
				(5) 300/200 REDUCER = 0.20 m			
				(6) 200/150 REDUCER =			
				(7) 300MM DIA WELL CAP =			
				(8) 200MM DIA WELL CAP =			
				(9) 150MM DIA CENTRE GUIDE =			
				(10) 100MM DIA BORE DIGGING =			
				(11) 100MM DIA BORE DIGGING =			
				(12) Gravel Packing =			
				Total assembly- 144.31 m			

Total Depth- _____ TOTAL Assembly - 144.31 m

AGL + 0.50M + 0.50

MEIL (QC) Jamke... TPI (FICHTNER) Vishal Singh CLIENT(SWSM/UPJN) [Signature]

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:22-23:LS:1K- 834

Dated: 30-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mithna Sithna**
Block: **Haisar Bazar**
District: **Sant Kabir Nagar**
State: **Uttar Pradesh**
Drilling Depth: **158.0 m bgl**
Logging Depth: **155.0 m bgl**
Date of logging: **29-03-2023**
Rm - ~~21.0 Om~~ Rw - ~~21.5 Om~~

Borehole Drilled by: M/s MEIL Sant Kabir Nagar, Uttar Pradesh.

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.	18 - 22	04	Good
2.	32 - 36	04	Good
3.	41 - 48	07	Good
4.	52 - 64	12	Good
5.	73 - 77	04	Good
<u>6.</u>	90 - 93	03	Good
7.	101 - 111	10	Good
8.	117 - 120	03	Good
9.	125 - 132	07	Good
10.	137 - 144	07	Good
11.	150 - 153	03	Good

Note: ~~1.~~ Zone Sl. No. 4 is highly intermixed with very fine bands of kankar.

~~2.~~ Zone Sl. No. 6 is highly Kankar Intermixed.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
21/03/23