

MEGHA ENGINEERING & INFRASTRUCTURE LIMITED

Name Of GP: **Bharatpur**

Block: **Haiser Bazar**

DIST. - Sant Kabir Nagar

DEPTH OF STRATA
M.B.G.L

PROPOSED LOWERED ASSEMBLY

DPR DETAILS

0	Soil	6.05	0.50m GL
27	Sand + FK	6.07	XXX
37	Clay	6.06	
42	M. Sand + FK	6.00	
49	H. Clay	6.05	
57	M. Sand + FK	6.06	35.79m
64	Clay	0.20	35.99m
70	M. Sand + FK	6.01	42.00
74	Clay	6.02	48.01
80	M. Sand + FK	4.00	58.03
84	H. Clay	6.01	64.04
90	M. Sand + FK	6.01	70.05
94	Clay	4.00	74.05
98	M. Sand + FK	6.01	
104	H. Clay	6.01	
110	M. Sand + FK	6.02	
114	Clay	6.00	
118	M. Sand + FK	2.00	100.09
124	H. Clay	4.00	104.09
130	M. Sand + FK	6.01	
136	H. Clay	6.00	
142	M. Sand + FK	0.90	117.00
148	H. Clay	4.00	121.00
154	M. Sand + FK	6.00	
160	H. Clay	3.00	130.00
166	M. Sand + FK	3.00	133.00
172	H. Clay	5.10	138.10
178			138.10 + 0.50

Sl. Lowering Date -	18-04-2023			
1 Tubewell Discharge in LPM	800 LPM			
2 Drilling Depth	154m			
3 Tubewell Assembly Size	300 X 150 mm φ			
Di Dia -	600mm φ - 90m			
Dia -	500mm φ - 114m			
Depth Logged -	300 X 150 mm φ			
SI	Depth Range Mbgf	Date of Logging	Thickness in Mtr.	Remarks.
1	27 - 37		10	
2	42 - 49		7	
3	57 - 64		7	
4	70 - 74		4	All good
5	100 - 104		4	
6	117 - 121		4	
7	130 - 133		3	
8				
9				

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

ASSEMBLY DETAILS

300 mm Dia Housing Pipe A.G.L	0.50m
300 mm Dia Housing Pipe B.G.L	35.79m
300 X 150 mm Dia Reducer	35.79m
150 mm Dia Plain Pipe	35.99m to 35.99m
150 mm Dia Slotted Pipe	35.99m to 42.00m
150 mm Dia Plain Pipe	42.00 to 48.01m
150 mm Dia Slotted Pipe	48.01 to 58.03m
150 mm Dia Plain Pipe	58.03m to 64.04m
150 mm Dia Slotted Pipe	64.04m to 70.05m
150 mm Dia Plain Pipe	70.05m to 74.05m
150 mm Dia Slotted Pipe	74.05m to 100.09m
150 mm Dia Plain Pipe	100.09m to 104.09m
150 mm Dia Slotted Pipe	104.09 to 117.00m
150 mm Dia Plain Pipe	117.00 to 121.00m
150 mm Dia Slotted Pipe	121.00m to 130.00m
150 mm Dia Plain Pipe	130.00m to 138.10m
mm Dia	Pipe to
mm Dia	Pipe to
mm Dia	Pipe to
Total assembly -	138.10 Mtr. + A.G.L = 138.60m

3- Proposed Assembly for lowering	
(1) 300MM DIA MSRW HOUSING PIPE	= 36.29 m
(2) 200MM DIA MSRW HOUSING PIPE	=
(3) 150MM DIA MSRW PLAIN PIPE	= 75.09 m
(4) 150MM MSRW SLOTTED PIPE	= 27.02 m
(5) 300/150 REDUCER	= 0.20 m
(6) 200/150 REDUCER	=
(7) 300MM DIA WELL CAP	=
(8) 200MM DIA WELL CAP	=
(9) 150MM DIA CENTRE GUIDE	=
(10) MM DIA BORE DIGGING	=
(11) MM DIA BORE DIGGING	=
(12) Gravel Packing	=
Total assembly -	138.60m

TOTAL Assembly -

138.60m

Total assembly - 138.60m

[Signature]
EIL (QC)

[Signature]
TPI (FICHTNER)

[Signature]
CLIENT (SWSM/UPJN)

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: 132

Dated: 13-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bharatpura**
Block: **Haisar Bazar**
District: **Sant Kabir Nagar**
State: **Uttar Pradesh**
Drilling Depth: **135.0 m bgl**
Logging Depth: **133.0 m bgl**
Date of logging: **13-04-2023**
Rm - **22.0 Ω m** Rw - **23.0 Ω m**

Borehole Drilled by: M/s Megha Engineering & Infrastructure Ltd.,
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.	27 - 37	10	
2.	42 - 49	07	Good
3.	57 - 64	07	Good
4.	70 - 74	04	Good
5.	100 - 104	04	Good
6.	117 - 121	04	Good
8.	130 - 133	03	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 & 8 are highly kankar intermixed.

Verified as per
logs provided.

Note. SrNO 6
118-121
(3w)

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.Sh
12/04/23