

Name Of GP: Parsa kalanBLOCK: Haisei bazar

DIST. - Sant Kabir Nagar

DEPTH OF STRATA
M.B.G.L

PROPOSED LOWERED ASSEMBLY

DPR DETAILS

0	Soil	6.02	0-50m GL XXX
20	Sand +FK	6.02	
24	Clay	6.05	
30	Sand +FK	6.02	
37	H. Clay	6.02	35.65m
44	Sand +FK	0.20	35.85m
48	Clay	6.00	
60	M. Sand +HFK	6.05	
70	H. Clay	6.04	
84	Sand +FK	6.06	60.00m
88	H. Clay	6.02	
105	M. Sand +HFK	6.02	
112	Clay	6.01	
117	M. Sand +FK	6.01	69.03m
121	Clay	6.05	
125	Sand +HFK	6.02	
129	H. Clay	6.01	105.14m
135	Sand +FK	6.00	
138	H. Clay	6.02	111.15m
143	H. Clay	6.06	117.21m
		3.01	120.22m
		6.02	126.24m

SL Lowering Date -	08/05/2023		
1 Tubewell Discharge in LPM	450 LPM		
2 Drilling Depth	143m	Di Dia-600mmφ-40m	Di Dia-500mmφ-103m
3 Tubewell Assembly Size -	200X150mm φ		
Depth Logged-	Date of Logging-		
Sl	Depth Range Mbgl	Thickness in Mtr.	Remarks.
1	20 - 24	4	All good
2	30 - 37	7	
3	44 - 48	4	
4	60 - 70	10	
5	84 - 88	4	
6	105 - 112	7	
7	117 - 121	4	
8	125 - 129	4	
9	135 - 138	3	

Note:- fine bands of kankar are intermixed with almost all the zones.

ASSEMBLY DETAILS

200 mm Dia Housing Pipe A.G.L	0.50 m
200 mm Dia Housing Pipe B.G.L	35.65 m
200X150 mm Dia Reducer	35.65 m to 35.85 m
150 mm Dia Plain Pipe	35.85 m to 60.00 m
150 mm Dia Slotted Pipe	60.00 m to 69.03 m
150 mm Dia Plain Pipe	69.03 m to 105.14 m
150 mm Dia Slotted Pipe	105.14 m to 111.15 m
150 mm Dia Plain Pipe	111.15 m to 117.21 m
150 mm Dia Slotted Pipe	117.21 m to 120.22 m
150 mm Dia Plain Pipe	120.22 m to 126.24 m
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to
mm Dia Pipe	to

Total assembly- 126.24 Mtr. + A.G.L = 126.74 m

- 3- Proposed Assembly for lowering**
- (1) 300MM DIA MSERW HOUSING PIPE =
 - (2) 200MM DIA MSERW HOUSING PIPE = 36.15 m ✓
 - (3) 150MM DIA MSERW PLAIN PIPE = 72.34 m ✓
 - (4) 150MM MSERW SLOTTED PIPE = 18.05 m ✓
 - (5) 300/150 REDUCER =
 - (6) 200/150 REDUCER = 0.20 m
 - (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 =
 - (11) Gravel Packing =

Total Depth- **AGL+0.50M +0.50m**
TOTAL Assembly- 126.74 m

Total assembly- **126.74 m**

MEIL (QC)

TPI (FICHTNER)

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: 373

Dated: 06-05-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Parsa Kalan
Block: Haisar Bazar
District: Sant Kabir Nagar
State: Uttar Pradesh
Date of Logging: 05-05-2023
Drilling Depth: 145.0 m bgl
Logging Depth: 143.0 m bgl
Rm - 17.0 Ω m Rw - 16.0 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.	20 - 24	04	Good.
2.	30 - 37	07	Good
3.	44 - 48	04	Good
4.	60 - 70	10	Good
5.	84 - 88	04	Good
6.	105 - 112	07	Good
7.	117 - 121	04	Good
8.	125 - 129	04	Good
9.	135 - 138	03	Good

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

2. Zone Sl. No. 4, 6 & 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. S. S. 08/05/23