

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS
	Op. Belwa Blocks - post wall
Clay	6.04 0.500 G.L.
3 Clay	6.03
9 M.S.	6.04 36.22
10m Clay + Sand	6.04
M.S. 34	6.04 35.72
30m Clay + Sand	6.03 0.200 35.92
51 Sand + Gravel	6.03 = 21.59
60 Sand	3.50 57.51
72 Sand	" " " = 6.0 63.51
M.S. + fs.	6.02 6.02 = 15.54
93 Sand	3.5 79.05
99 Sand + Gravel	" " " = 6.0 85.05
111 Sand + Gravel	4.0 = 4.0 89.05
123	" " " = 6.0 95.05
	6.02 101.07 + 0.5 = 101.57

DPR DETAILS-		
SL.	Lowering Date-	11/06/23
1	Water Discharge in LPM-	550
2	Bore well Drilling-	
3	Drilling Depth 500MM Dia-	143
	600MM Dia-	
4	Tube Well Assembly-	
5	300MM Dia	200MM Dia
6		150MM Dia
		36m
		7.6m plain

1.- LOGGING REPORT 2) 18 M screen

Depth Logged-	MBGL	Date of Logging-
SL.	Depth Range MBGL	Thickness in Mtr.
1	25-38	13
2	45-54	09
3	57-64	07
4	79-85	06
5	89-95	06
6	100-103	03
7	110-113	03
8	122-125	03
9	135-140	05
10		
11		

ASSEMBLY DETAILS

200	m.m Dia Housing Pipe A.G.L.	0.500	
200	m.m Dia Housing Pipe	36.22	
200	m.m Dia Reducer Pipe	35.72	35.92
150	m.m Dia plain Pipe	35.92	57.51
150	m.m Dia screen Pipe	57.51	63.51
150	m.m Dia plain Pipe	63.51	79.05
150	m.m Dia screen Pipe	79.05	85.05
150	m.m Dia plain Pipe	85.05	89.05
150	m.m Dia screen Pipe	89.05	95.05
150	m.m Dia plain Pipe	95.05	101.07
	m.m Dia Pipe		
	m.m Dia Pipe		
	m.m Dia Pipe		

TOTAL ASSEMBLY = 101.07 + 0.5 m = 101.57 m

3.- Proposed Assembly for Lowering

(1)	300MM DIA MSERW PLAIN PIPE =	
(2)	200 MM DIA MSERW PLAIN PIPE =	36.22
(3)	150MM DIA MSERW PLAIN PIPE =	47.15
(4)	300/150 MM DIA REDUCER =	
(5)	200/150 MM DIA REDUCER =	0.200
(6)	150MM DIA MSERW SLOTTED PIPE =	18.0
(7)	300 MM DIA WELL CAP =	
(8)	200MM WELL CAP =	0.1
(9)	150MM DIA CENTER GUIDE =	101.57
(10)	GRAVEL PACKING =	37.16 m 37.53 36.08
(11)	600 MM DIA BORE DIGGING =	
(12)	500 MM DIA BORE DIGGING =	143
	TOTAL ASSEMBLY =	101.57



Tele Fax : 91-522-246-5512
Mob.: 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 270

Dated: 07-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Belwa
Block: Partawal
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 147.0 m bgl
Logging Depth: 141.0 m bgl
Date of logging: 07-06-2022
Rm - 20.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: M/S JMC India Limited, Maharajganj, 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.	25 - 38	13	Good
2.	45 - 54	09	Good
3.	57 - 64	07	Good
4.	79 - 85	06	Good
5.	89 - 95	06	Good
6.	100 - 103	03	Good
(7)	110 - 113	03	Good
8.	122 - 125	03	Good
9.	135 - 140	05	Good

Note: Fine bands of Kankar are intermixed almost all the Zones.

Verified as per logs provided.

G. S. S.
ASSISTANT HYDROGEOLOGIST
08/06/2022
U.P. JAL NIGAM (RUR)
PRAYAGRAJ

For Geo Instruments & Technic's

(S. Shukla)