



TA-123

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS	
	GIP - SOHAS BLOCK - PANIYARA	
0	6.04	0.50 G.L
3	6.04	
18	6.04	36.24
30	6.04	35.74
48	0.2	35.94
52	6.03	
59	6.03	53.00
60	5.00	59.00
72	6.04	
81	6.04	
81	6.04	
81	6.03	
81	6.03	
81	6.03	
81	6.03	
101	1.50	102.74
101	6.00	
101	6.02	
101	6.00	
121	6.05	120.76
124		126.81
132		

DPR DETAILS-	
SL.	Lowering Date- 03/07/2022
1	Water Discharge in LPM- 750
2	Bore well Drilling-
3	Drilling Depth 500MM Dia- 92 MTR   600MM Dia- 40 MTR
4	Tube Well Assembly-
5	300MM Dia   200MM Dia   150MM Dia
6	36 MTR   -   84 MTR

1.- LOGGING REPORT			
Depth Logged- 133		MBGL	Date of Logging- 29/06/22
SL.	Depth Range MBGL	Thickness in Mtr.	Remarks.
1	25-35	10	
2	40-47	07	
3	52-60	08	
4	80-84	04	
5	102-121	19	
6	Note:- Sl. No 4 have fines & very fine sediments.		
7			
8			
9			
10			
11			

ASSEMBLY DETAILS	
300	m.m Dia Housing Pipe A.G.L. 0.5
300	m.m Dia Housing Pipe 35.74
300	m.m Dia Reducer Pipe 35.74 to 35.94
150	m.m Dia Plain Pipe 35.94 to 53.00
150	m.m Dia Screen Pipe 53.00 to 59.00
150	m.m Dia Plain Pipe 59.00 to 102.74
150	m.m Dia Screen Pipe 102.74 to 120.76
150	m.m Dia Plain Pipe 120.76 to 126.81
	m.m Dia Pipe to
	m.m Dia Pipe to
	m.m Dia Pipe to
	m.m Dia Pipe to
	m.m Dia Pipe to
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	m.m Dia Pipe to

TOTAL ASSEMBLY = 126.81 m + A.G.L(m) = 127.31 m

### 3.- Proposed Assembly for Lowering

(1) 300MM DIA MSERW PLAIN PIPE =	36.24 MTR
(2) 200 MM DIA MSERW PLAIN PIPE =	-
(3) 150MM DIA MSERW PLAIN PIPE =	66.85 MTR
(4) 300/150 MM DIA REDUCER =	01 NOS
(5) 200/150 MM DIA REDUCER =	-
(6) 150MM DIA MSERW SLOTTED PIPE =	24.02 (187+6.02M)
(7) 300 MM DIA WELL CAP =	01 NOS
(8) 200MM WELL CAP =	-
(9) 150MM DIA CENTER GUIDE =	127.31 MTR
(10) GRAVEL PACKING =	35.63 cu
(11) 600 MM DIA BORE DIGGING =	40 MTR
(12) 500 MM DIA BORE DIGGING =	92 MTR
TOTAL ASSEMBLY =	127.31 MTR

*Signature: Rajishna Pathak*  
*Signature: Vivek Kumar*

# 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: 363

Dated: 29-06-2022

## GEO PHYSICAL BOREHOLE LOGGING REPORT

Site: **Sohas**  
Block: **Paniyari**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **135.0 m bgl**  
Logging Depth: **133.0 m bgl**  
Date of logging: **29-06-2022**  
Rm - **42.0 Ωm** Rw - **45.0 Ωm**

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)
<del>1.</del>	25 - 35	10	Good
<del>2.</del>	40 - 47	07	Good
<del>3.</del>	52 - 60	08	Good
<del>4.</del>	80 - 84	04	Good
<del>5.</del>	102 - 121	19	Good

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

*Verified as per logs provided.  
Note - Sr No 4 - have finer to very finer sediments.*

For Geo Instruments & Technic's

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26/6/2022  
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