

JMC/281

JMC PROJECTS(INDIA)LIMITED		QUALITY MANAGEMENT SYSTEM	
PROPOSED ASSEMBLY DETAILS		01053-JMC-2281-19F-0000055 R0	
DEPTH OF STRATA	G.P.- MAHARI BLOCK- NAUTANWA	DPR DETAILS	
		SL	Lowering Date 3/4/2024
		1	Water Discharge in LPM 500
		2	Bore well Drilling 198
		3	Borewell Size 500*500 mm Dia 198
		4	Tube well Assembly Size- 180
		5	300MM Dia 200MM Dia 150MM Dia
		6	36 144
		LOGGING REPORT	
		Logging Date 1/4/2024	
		SL	Depth Logged- MBGL Thickness in Mtr. Remarks
		1	29 - 36 7 GOOD
		2	39 - 46 7 GOOD
		3	58 - 62 4 GOOD
		4	90 - 96 6 GOOD
		5	104 - 108 4 GOOD
		6	112 - 119 7 GOOD
		7	137 - 141 4 GOOD
		8	147 - 154 7 GOOD
		9	171 - 178 7 GOOD
		Note:- 1. Zone SI No.3 & 4 are highly Intermixed With fine Bands Of kanbkar	
		Logging agency:- Geo Instruments & technic 's	
		3- Proposed Assembly for Lowering	
		1	300MM DIA MERW PIPE PLAIN PIPE
		2	200MM DIA MERW PIPE PLAIN PIPE
		3	150MM DIA MERW PIPE PLAIN PIPE 106.14
		4	300/150 MM DIA REDUCER
		5	200/150 MM DIA REDUCER 1.00
		6	150MM DIA MSERW SLOTTED PIPE 18.00
		7	300MM DIA WELL CAP
		8	200MM DIA WELL CAP 1.00
		10	GRAVEL PACKING
		11	600 MM DIA BORE DIGGING
		12	500 MM DIA BORE DIGGING
		TOTAL ASSEMBLY = 160.14	

DEPTH (M)	SOIL TYPE	PROPOSED ASSEMBLY (M)	CUMULATIVE DEPTH (M)
0.00	Soil		0.00
11.00	Soil		11.00
36.00	Kankar + F. Sand + Soil		36.00
35.50			35.50
35.70			35.70
54.30	Kankar + F. Sand + Soil		54.30
90.00	M. Sand		90.00
96.00	M. Sand		96.00
112.53	K+F. Sand		112.53
118.53	K+F. Sand		118.53
147.60	M. Sand		147.60
153.60	M. Sand		153.60
159.64	K+F. Sand		159.64
160.14	K+F. Sand		160.14

198mb

200.00

KPTL

TPA

JE UPJN

AE UPJN

EE UPJN

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 651

Dated: 02-04-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mahari Under
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 01-04-2024
Drilling Depth: 200.0 m bgl
Logging Depth: 180.0 m bgl
Rm - 15.0 Ω m Rw - 16.0 Ω m

dt should be = 01.03.2024

Latitude: 27.4196010 Longitude: 83.5610560

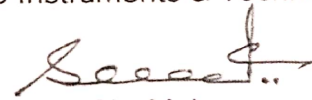
Borehole Drilled by: M/s Kalpataru Power International Limited,
Maharajganj, Uttar Pradesh.

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.	29 - 36	07	Good
2.	39 - 46	07	Good
3.	58 - 62	04	Good
4.	90 - 96	06	Good
5.	104 - 108	04	Good
6.	112 - 119	07	Good
7.	137 - 141	04	Good
8.	147 - 154	07	Good
9.	171 - 178	07	Good

Note: 1. Zone Sl. No.3 & 4 are highly intermixed with fine bands of kankar.
2. Zone Sl. No. 5 is fine sand in nature.

For Geo Instruments & Technic's


(S. Shukla)