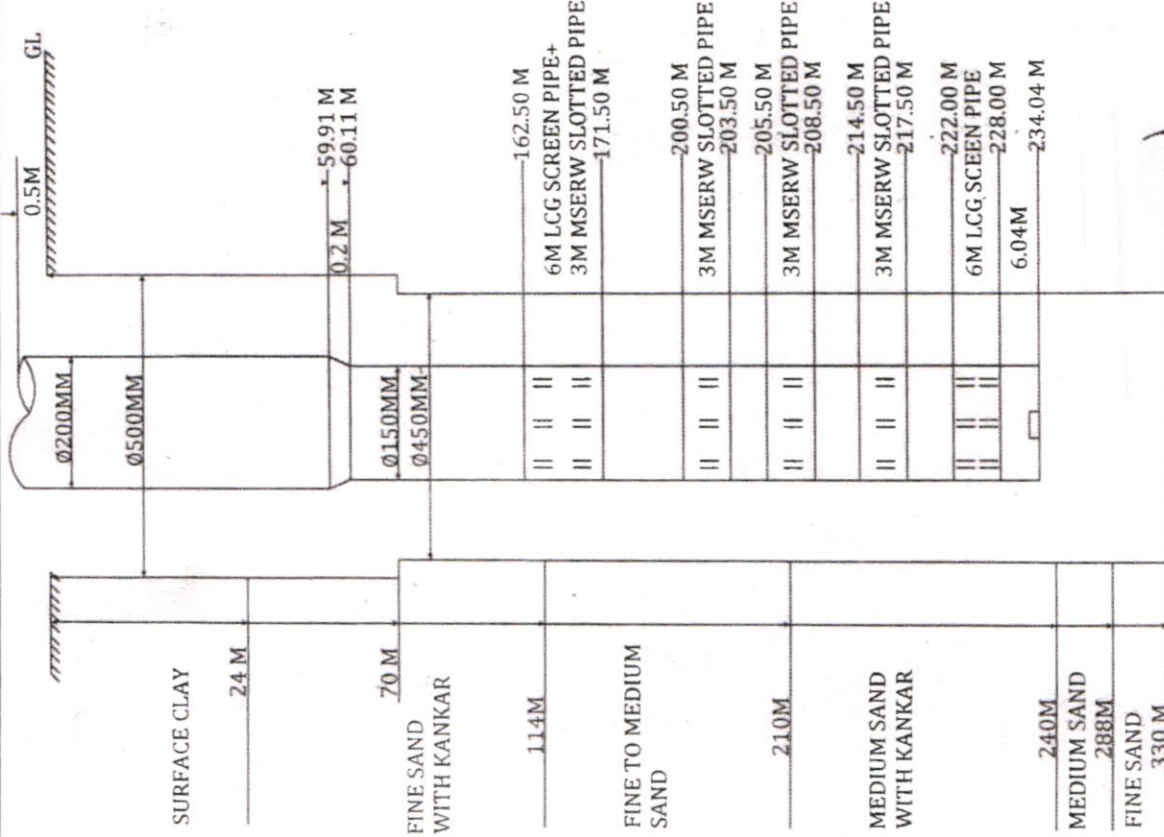




JMC-LCEPL JOINT VENTURE
JAL JEEVAN MISSION PROJECT PRATAPGARH, U.P.



1. DISTRICT-PRATAPGARH
2. BLOCK-GAURA
3. VILLAGE-MAHOTARI+GOKULA+CHAUBEYPATTI
4. DATE OF LOGGING-22.06.2022
5. DATE OF LOWERING- 25.06.2022
6. SIZE OF ASSEMBLY - Ø200MMXØ150MM
7. SIZE OF BORE GL TO 70M- Ø500MM XØ500MM 70M TO 330M- Ø450MM XØ450MM
8. REQUIRED DISCHARGE-50LPM
9. LOGGING DEPTH-320M BGL
10. LOGGING BY- GEO INSTRUMENTS & TECHNIQS
11. A LCG SCREEN PIPES(Janson)-Ø150MM-12M B MSRW SLOTTED PIPES Ø150MM-12M

-- LOGGING REPORT --

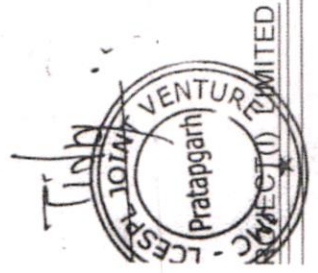
S.N	DEPTH RANGE (M)	THICKNESS (M)	WATER QUALITY
1.	25-30	05	GOOD
2.	44-48	04	MODERATE
3.	162-172	10	GOOD
4.	200-204	04	GOOD
5.	205-209	04	GOOD
6.	214-218	04	GOOD
7.	221-231	10	GOOD TO MODERATE

NOTE:1) Fine bands of Kankar are intermixed almost all the Zones.
2) Quality of ground water is deteriorating Marginal to Saline in between 80mbgl to 135mbgl and below 238 to till depth logged.
LOGGING REPORT VERIFIED BY GURAV. SHUKLA (ASST. HYDRO.)
YANTRIK MANDAL UP JAL NIGAM (RURAL), PRAYAGRAH

CLIENT:	STATE WATER SANITATION MISSION (NAMAMI GANGE & RURAL WATER SUPPLY DEPARTMENT) GOVERNMENT OF UTTAR PRADESH.		
PROJECT:	PRATAPGARH GROUP OF VILLAGES WATER SUPPLY SCHEME		
EPC CONTRACTOR:	JMC - LCEPL JOINT VENTURE 6TH FLOOR, KALPATARU SYNERGY, OPP. GRAND HYATT, SANTACRUZ EAST, MUMBAI 400055.		
NAME	SIGN	TITLE	SCALE
DRWINGPALLU BANJARI		ACTUAL TUBE WELL ASSEMBLY LOWERING DRAWING	PROJECTION
DESIGN			
CHECK			
APPRO			
DATE:	DRAWING NO:	SHEET NO:	SIZE
		01 OF 01	A4

(A) ACTUAL TUBE WELL ASSEMBLY LOWERING DETAILS

JE
AE
JE
AE



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: 87

Dated: 22-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gokula Chaubey Patti
Block: Gaura
District: Pratapgarh
State: Uttar Pradesh
Logging Depth: 320.0 m bgl
Date of logging: 22-06-2022

Borehole Drilled by: M/S JMC India Limited, Pratapgarh, 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 - 30	05	Good
2.	44 - 48	04	Moderate
3.	162 - 172	10	Good
4.	200 - 204	04	Good
5.	205 - 209	04	Good
6.	214 - 218	04	Good
7.	221 - 231	10	Good to Moderate

Note: 1. Fine bands of Kankar are intermixed almost all the Zones.
2. Quality of Ground Water is deteriorating Marginal to Saline in between 80.0 to 135.0 m bgl and below 238.0 m bgl to till depth Logged.

Verified as per logs provided.

G. S. H.
ASSISTANT HYDROGEOLOGIST
U.P. JAL NIGAM (RURAL)
PRAYAGRAH

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)



JAL JEEVAN MISSION PROJECT PRATAPGARH UP



REQUEST FOR INSPECTION

CUSTOMER	STATE WATER & SANITATION MISSION (U.P JAL NIGAM, PRAYAGRAJ DIVISION)	RFI No. 281	RFI-SWSM-JJMP-
CONSULTANT	M/S MEDHAJ TECHNO CONCEPT PVT LTD	ISSUE DATE	17/06/2022
CONTRACTOR	JMC PROJECTS (INDIA) LIMITED	DRAWING NO.	
PROJECT NAME	JAL JEEVAN MISSION PROJECT PRATAPGARH UP		
Date / Time of Inspection	18/06/22	Location / Unit	Gokula (Gaurva)
Category	☐ ESR ☒ TUBE WELL ☐ PIPE LAYING ☐ BOUNDARY WALL ☐ STAFF QUARTERS ☐ PUMP HOUSE ☐ HYDRO TEST ☐ MATERIAL TESTING ☐ CUBE TESTING ☐ YIELD TEST ☐ CIVIL ☐ MECHANICAL ☐ ARCHITECTURE ☐ ELECTRICAL / I&C ☐ CROSSINGS ☐ COMMON ☐ OTHERS		
Description of Inspection	Inspection for Borewell drilling work.		
JN COMMENTS:			
TPI COMMENTS: BOQ not attached with file.			
☐ Approved ☐ Rejected ☒ Approved with Comments			
Attachment ☐ YES ☐ NO			
Department	JMC	TPI	CLIENT
Signature			
Name	Gaurav Soni	Satyendra P. Singh	[VIPIN KUMAR]
Date	17/06/2022		



JAL JEEVAN MISSION PROJECT PRATAPGARH UP



REQUEST FOR INSPECTION

CUSTOMER	STATE WATER & SANITATION MISSION (U.P. JAL NIGAM, PRAYAGRAJ DIVISION)	RFI No. 296	JMC/SWSM/JJMP/RFI/
CONSULTANT	M/S MEDHAJ TECHNO CONCEPT PVT LTD	ISSUE DATE	20/06/2022
CONTRACTOR	JMC PROJECTS (INDIA) LIMITED	DRAWING NO.	
PROJECT NAME	JAL JEEVAN MISSION PROJECT PRATAPGARH UP		
Date / Time of Inspection	21/06/2022	Location / Unit	Bokula (Gaura)
Category	☐ ESR ☐ TUBE WELL ☐ PIPE LAYING ☐ BOUNDARY WALL ☐ STAFF QUARTERS ☐ PUMP HOUSE ☐ HYDRAULIC TEST ☐ MATERIAL TESTING ☐ CUBE TESTING ☐ YIELD TEST ☐ CIVIL ☐ MECHANICAL ☐ ARCHITECTURE ☐ ELECTRICAL / I&C ☐ CROSSINGS ☐ COMMON ☐ OTHERS		
Description of Inspection	Inspection for electrical logging.		
JN COMMENTS:			
TPI COMMENTS: Logging Graph not attached, Operator License not found.			
☐ Approved ☐ Rejected ☒ Approved with Comments			
Attachment ☐ YES ☐ NO			
Department	JMC	TPI	CLIENT
Signature			
Name	Gaurav Soni	Satyendra Pt Singh	VIPIN KUMAR
Date	20/06/22		



JAL JEEVAN MISSION PROJECT PRATAPGARH UP

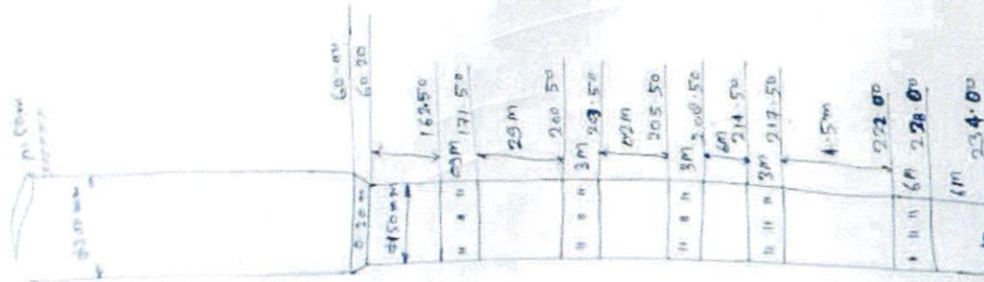


REQUEST FOR INSPECTION

CUSTOMER	STATE WATER & SANITATION MISSION (U.P. JAL NIGAM, PRAYAGRAJ DIVISION)	RFI No. -311	JMC/SWSM/JJMP/RFI/
CONSULTANT	M/S MEDHAJ TECHNO CONCEPT PVT LTD	ISSUE DATE	24/06/2022
CONTRACTOR	JMC PROJECTS (INDIA) LIMITED	DRAWING NO.	
PROJECT NAME	JAL JEEVAN MISSION PROJECT PRATAPGARH UP		
Date / Time of Inspection	25/06/2022	Location / Unit	Gokula (Gaura)
Category	☐ ESR ☒ TUBE WELL ☐ PIPE LAYING ☐ BOUNDARY WALL ☐ STAFF QUARTERS ☐ PUMP HOUSE ☐ HYDRO TEST ☐ MATERIAL TESTING ☐ CUBE TESTING ☐ YIELD TEST ☐ CIVIL ☐ MECHANICAL ☐ ARCHITECTURE ☐ ELECTRICAL / I&C ☐ CROSSINGS ☐ COMMON ☐ OTHERS		
Description of Inspection	Inspection of Tubewell Lowering		
JN COMMENTS:			
TPI COMMENTS: Royalty Paper & Seive Analysis of P-Gravel not Available * No PPE's used.			
☐ Approved ☐ Rejected ☒ Approved with Comments			
Attachment ☐ YES ☐ NO			
Department	JMC	TPI	CLIENT
Signature			
Name	Gaurav Soni	Satyendra Pt Singh	(VIPIN KUMAR)
Date	24/06/2022		

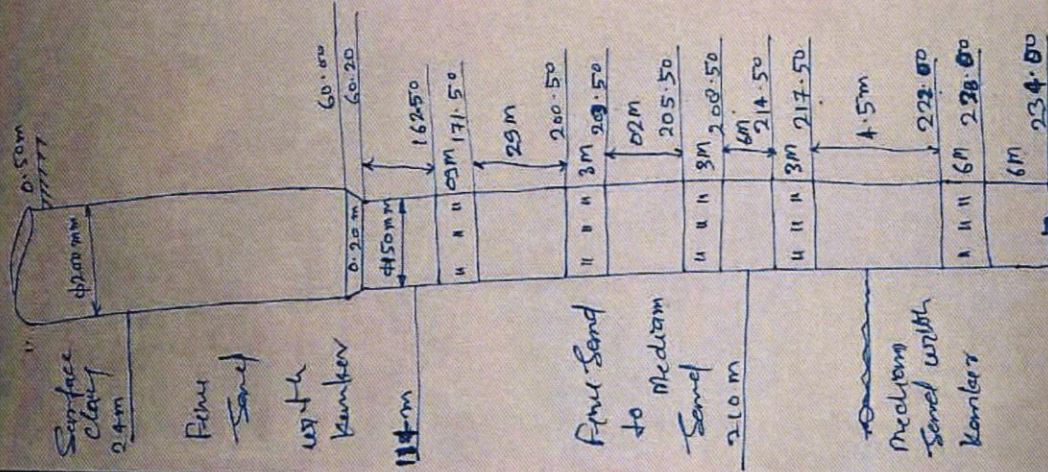
Good photograph with scheme, block - Groun

Ringed Disch. = 5000 mm
 Ringed Disch. = 4000 x 1500 mm
 - Size of box = 4000 mm
 - 5000 x 4000 mm



Size	Depth	Thickness	Top	Remarks
3	150-172	10	0.3	Good
4	200-204	0.4	0.3	Good
5	205-209	0.4	0.3	Good
6	214-218	0.4	0.3	Good
7	221-231	10	0.6	Good to Moderate

Ringed
 Disch. = 5000 mm
 - Size of box = 4000 mm



Size	Depth
3	150
4	200
5	20
6	2
7	7

2 to m
 Medium Sand
 2000 m
 Fine Sand
 2300 m

maheshari (Gokula) water supply scheme block - Gaura Lowering chart.

			AGL
		10.5	AGL
(42)	6.05	42	BGL
(41)	6.03	41	GL
	6.05	40	
	6.04	39	
	6.03	38	
	6.04	37	
	6.05	36	
	6.03	35	
	6.04	34	
	6.04	33	
	RC-0.2		
	5.78	32	59.91 BGL
	6.04	31	60.11 BGL
	6.04	30	
	6.04	29	
	6.04	28	
	6.04	27	
	6.04	26	
	6.04	25	
	6.03	24	
	6.03	23	
	6.04	22	
	6.03	21	
	6.04	20	
	6.04	19	
	6.05	18	
	6.03	17	
	6.04	16	162.50 ✓
SP	13.00	15	162.5
SP	16.00	14	171.500 171.50
	4.82	13	
	6.04	12	
	6.03	11	
	6.03	10	
	6.08	9	
MS	SP	13.00	8 200.500 200.50
		2.00	7 203.500 203.50
		3.00	6 205.500 205.50
MSERW	SP	13.00	5 208.500 208.50
		6.00	4 214.50
MSERW	SP	13.00	3 217.500 217.50
		4.5	2 222.00 222.00
LCC	SP	16.00	1 228.00 228.00
		6.04	0 234.04 234.04

Size of Bore $\Rightarrow$ 500x450mm

Assembly size $\Rightarrow$ 200x150mm

Required discharge $\Rightarrow$ 508 LPM

$$162 - 172 = 09$$

$$200 - 204 = 03$$

$$205 - 209 = 03$$

$$214 - 218 = 03$$

$$221 - 231 = 06$$