



JMC PROJECTS (INDIA) LIMITED

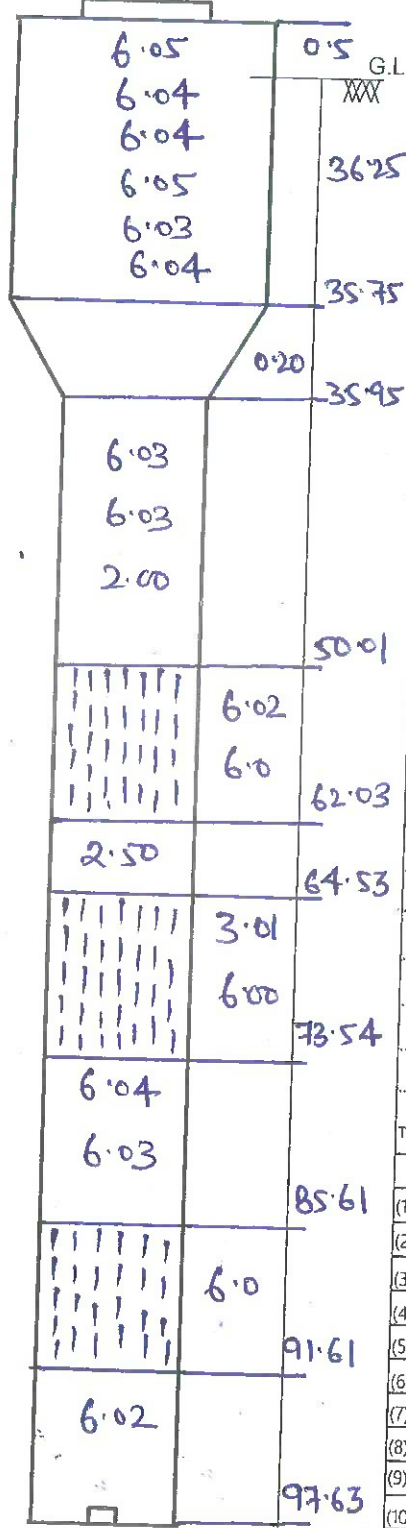
DEPTH OF STRATA

PROPOSED ASSEMBLY DETAILS
GIP-SEMRA RAJA
BLOCK-MAHARAJGANJ

DPR DETAILS-

SL	Lowering Date-	03-06-22
1	Water Discharge in LPM-	1050
2	Bore well Drilling-	
3	Drilling Depth 500MM Dia-	92MTR
	600MM Dia-	40MTR
4	Tube Well Assembly-	
5	300MM Dia	200MM Dia
6	36.25MTR	84 MTR

Soil	0	XXXX
M.Sand	03	
Sandy soil	12	
Fine to M. sand	18	
M. sand	30	
Clay + Karakora	43	
M. Sand	48	
Clay	62	
M. Sand	64	
Sandy soil	74	
M. Sand	84	
Sandy soil	93	
Clay	96	
Sandy soil	120	
	132	



1.- LOGGING REPORT

Depth Logged-	MBGL	Date of Logging-	
127		28-05-22	
SL	Depth Range MBGL	Thickness in Mtr.	Remarks
1	27-42	15	
2	48-74	26	
3	85-92	07	
4	100-106	06	
5	110-113	03	
6	Note:- Sl. No 4 is fine to medium sand in nature.		
7	Sl. No. 5 is fine sand in nature.		
8			
9			
10			
11			

ASSEMBLY DETAILS

300	m.m Dia Housing Pipe A.G.L.	0.5	m
300	m.m Dia Housing Pipe	35.75	m
300	m.m Dia Reducer Pipe	35.75 to 35.95	m
150	m.m Dia Plain Pipe	35.95 to 50.01	m
150	m.m Dia Screen Pipe	50.01 to 62.03	m
150	m.m Dia Plain Pipe	62.03 to 64.53	m
150	m.m Dia Screen Pipe	64.53 to 73.54	m
150	m.m Dia Plain Pipe	73.54 to 85.61	m
150	m.m Dia Screen Pipe	85.61 to 91.61	m
150	m.m Dia Plain Pipe	91.61 to 97.63	m
	m.m Dia		m
	m.m Dia		m
	m.m Dia		m

TOTAL ASSEMBLY = 97.63 m + A.G.L(m) = 98.13 m

3.- Proposed Assembly for Lowering

(1)	300MM DIA MSERW PLAIN PIPE =	36.25 MTR
(2)	200 MM DIA MSERW PLAIN PIPE =	-
(3)	150MM DIA MSERW PLAIN PIPE =	34.65 MTR
(4)	300/150 MM DIA REDUCER =	01 NOS
(5)	200/150 MM DIA REDUCER =	-
(6)	150MM DIA MSERW SLOTTED PIPE =	27.03 MTR (9.03m-M: 18m-Jmx)
(7)	300 MM DIA WELL CAP =	01 NOS
(8)	200MM WELL CAP =	-
(9)	150MM DIA CENTER GUIDE =	98.13 MTR
(10)	GRAVEL PACKING =	3599 cum
(11)	600 MM DIA BORE DIGGING =	40 MTR
(12)	500 MM DIA BORE DIGGING =	92 MTR
	TOTAL ASSEMBLY =	98.13 MTR

Krishna Padhak JMC
 Vinu Kumar TPIA
 JE UPJN
 AE UPJN
 EE UPJN

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 229

Dated: 28-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Semar Raja**
Block: **Mahrajanj**
District: **Maharajanj**
State: **Uttar Pradesh**
Drilling Depth: **135.0 m bgl**
Logging Depth: **127.0 m bgl**
Date of logging: **27-05-2022**
Rm - **22.0 Qm** Rw - **24.0 Qm**

Borehole Drilled by: **M/S JMC India Limited, Maharajanj, 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:

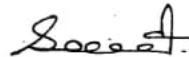
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	27 - 42	15	Good
2.	48 - 74	26	Good
3.	85 - 92	07	Good
4.	100 - 106	06	Good
5.	110 - 113	03	Good

Note: **1. Zone Sl. No. 4 is Fine to Medium Sand in nature.**

2. Zone Sl. No. 5 is Fine Sand in nature.

3. Fine bands of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.

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