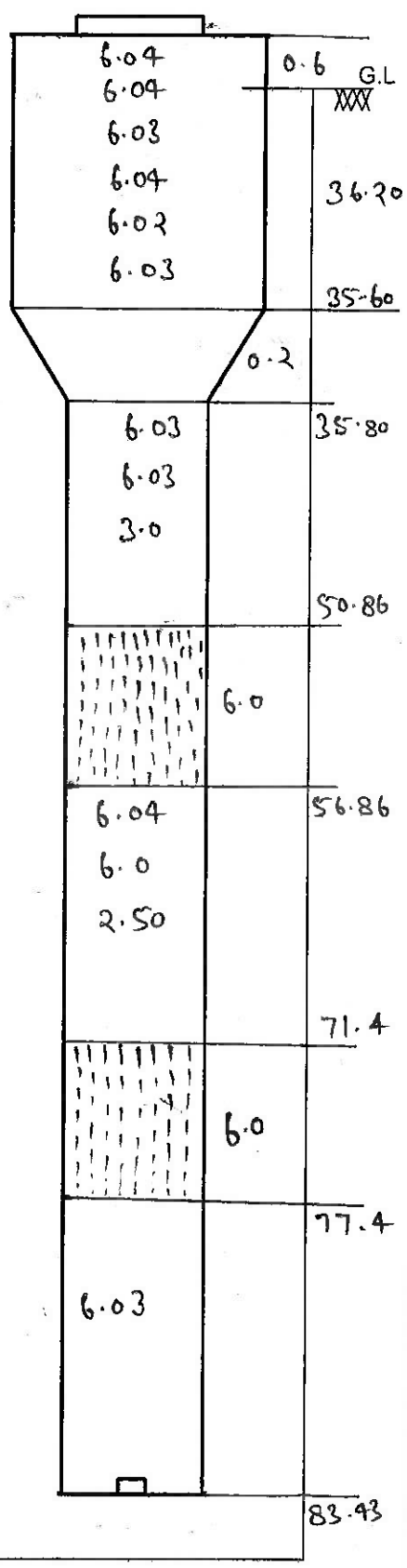




JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS		DPR DETAILS-	
	C.P. - <u>DARCADAGA RAJA (Beet Narsari)</u> BLOCK - <u>PHAREN DA MAHARAJGANJ</u>		SL.	Lowering Date- <u>08-05-2022</u>
			1	Water Discharge in LPM- <u>400</u>
			2	Bore well Drilling-
			3	Drilling Depth 500MM Dia- <u>132 MTR</u> 600MM Dia- <u>-</u>
			4	Tube Well Assembly-
			5	300MM Dia 200MM Dia 150MM Dia
			6	- <u>36 MTR</u> <u>84 MTR</u>
			1.- LOGGING REPORT	
			Depth Logged- <u>132</u> MBGL Date of Logging- <u>05-05-22</u>	
			SL.	Depth Range MBGL Thickness in Mtr. Remarks.
			1	<u>31-41</u> <u>10</u>
			2	<u>46-58</u> <u>12</u>
			3	<u>71-77</u> <u>06</u>
			4	<u>100-110</u> <u>10</u>
			5	<u>115-123</u> <u>08</u>
			6	
			7	<u>Note:- fine bands of Konkarr are</u>
			8	<u>intermixed with almost all</u>
			9	<u>the zone.</u>
			10	
			11	
			ASSEMBLY DETAILS	
			<u>200</u> .m.m Dia Housing Pipe A.G.L. <u>0.60</u> .m	
			<u>200</u> .m.m Dia Housing Pipe <u>35.60</u> .m	
			<u>200</u> .m.m Dia Reducer Pipe. <u>35.60</u> to <u>35.80</u> .m	
			<u>150</u> .m.m Dia Plain Pipe. <u>35.80</u> to <u>50.86</u> .m	
			<u>150</u> .m.m Dia Screen Pipe. <u>50.86</u> to <u>56.86</u> .m	
			<u>150</u> .m.m Dia Plain Pipe. <u>56.86</u> to <u>71.4</u> .m	
			<u>150</u> .m.m Dia Screen Pipe. <u>71.4</u> to <u>77.4</u> .m	
			<u>150</u> .m.m Dia Plain Pipe. <u>77.4</u> to <u>83.43</u> .m	
			.m.m Dia Pipe. to m	
			.m.m Dia Pipe. to m	
			.m.m Dia Pipe. to m	
			.m.m Dia Pipe. to m	
			.m.m Dia Pipe. to m	
			TOTAL ASSEMBLY= <u>83.43</u> m+ A.G.L(m)= <u>84.03</u> m	
			3.- Proposed Assembly for Lowering	
			(1) 300MM DIA MSERW PLAIN PIPE = <u>-</u>	
			(2) 200 MM DIA MSERW PLAIN PIPE = <u>36.20 MTR</u>	
			(3) 150MM DIA MSERW PLAIN PIPE = <u>35.63 MTR</u>	
			(4) 300/150 MM DIA REDUCER = <u>-</u>	
			(5) 200/150 MM DIA REDUCER = <u>01 NOS</u>	
			(6) 150MM DIA MSERW SLOTTED PIPE = <u>12 MTR (Johnson)</u>	
			(7) 300 MM DIA WELL CAP = <u>-</u>	
			(8) 200MM WELL CAP = <u>01 NOS</u>	
			(9) 150MM DIA CENTER GUIDE = <u>84.03 MTR</u>	
			(10) GRAVEL PACKING = <u>33.49 m³</u>	
			(11) 600 MM DIA BORE DIGGING = <u>-</u>	
			(12) 500 MM DIA BORE DIGGING = <u>132 MTR</u>	
			TOTAL ASSEMBLY = <u>84.03 m</u>	

Solid	0	
M. Sand	3	
fine Sand	21	
Clay + Konkarr	30	
	40	
fine sand	45	
Sandy Soil	49	
M. Sand		
Clay	57	
Sandy soil	63	
	70	
M. Sand		
Sandy Soil	78	
Clay + Konkarr	84	
	132	



R. Hazra
 JMC

 Vinay Kumar
 TPIA

 BK
 JE UPJN

 AEUPJN

 EEUPJN

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:21-22:LS: 125

Dated: 05-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Beet Nursari (Bargadwa Raja)**
Block: **Mahrajganj**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **134.0 m bgl**
Logging Depth: **132.0 m bgl**
Date of Logging: **05-05-2022**
Rm **-16.0 Ω m** Rw **- 27.0 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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	31 - 41	10	Good
2.	46 - 58	12	Good
3.	71 - 77	06	Good
4.	100 - 110	10	Good
5.	115 - 123	08	Good

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

Verified as per logs provided.

G. S.
ASSISTANT HYDROGEOLOGIST
YANTIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)