



JMC PROJECTS (INDIA) LIMITED

DEPTH OF STRATA

PROPOSED ASSEMBLY DETAILS
GIP- KAMHARIA KHURD
BLOCK- PHARENDA

DPR DETAILS-

SL. Lowering Date- 10-05-2022

1 Water Discharge in LPM- 350

2 Bore well Drilling-

3 Drilling Depth 500MM Dia- 165 MTR 600MM Dia- —

4 Tube Well Assembly-

5 300MM Dia	200MM Dia	150MM Dia
<u>—</u>	<u>36 MTR</u>	<u>114 MTR</u>

1.- LOGGING REPORT

Depth Logged- 173 MBGL Date of Logging- 05-05-22

SL.	Depth Range MBGL	Thickness in Mtr.	Remarks.
1	<u>25-30</u>	<u>05</u>	
2	<u>32-35</u>	<u>03</u>	
3	<u>40-45</u>	<u>05</u>	
4	<u>55-59</u>	<u>04</u>	<u>fine sand</u>
5	<u>66-69</u>	<u>03</u>	<u>fine sand</u>
6	<u>72-76</u>	<u>04</u>	
7	<u>102-105</u>	<u>03</u>	
8	<u>110-115</u>	<u>05</u>	
9	<u>131-135</u>	<u>04</u>	<u>fine sand</u>
10	<u>145-148</u>	<u>03</u>	
11	<u>157-161</u>	<u>04</u>	<u>fine sand</u>

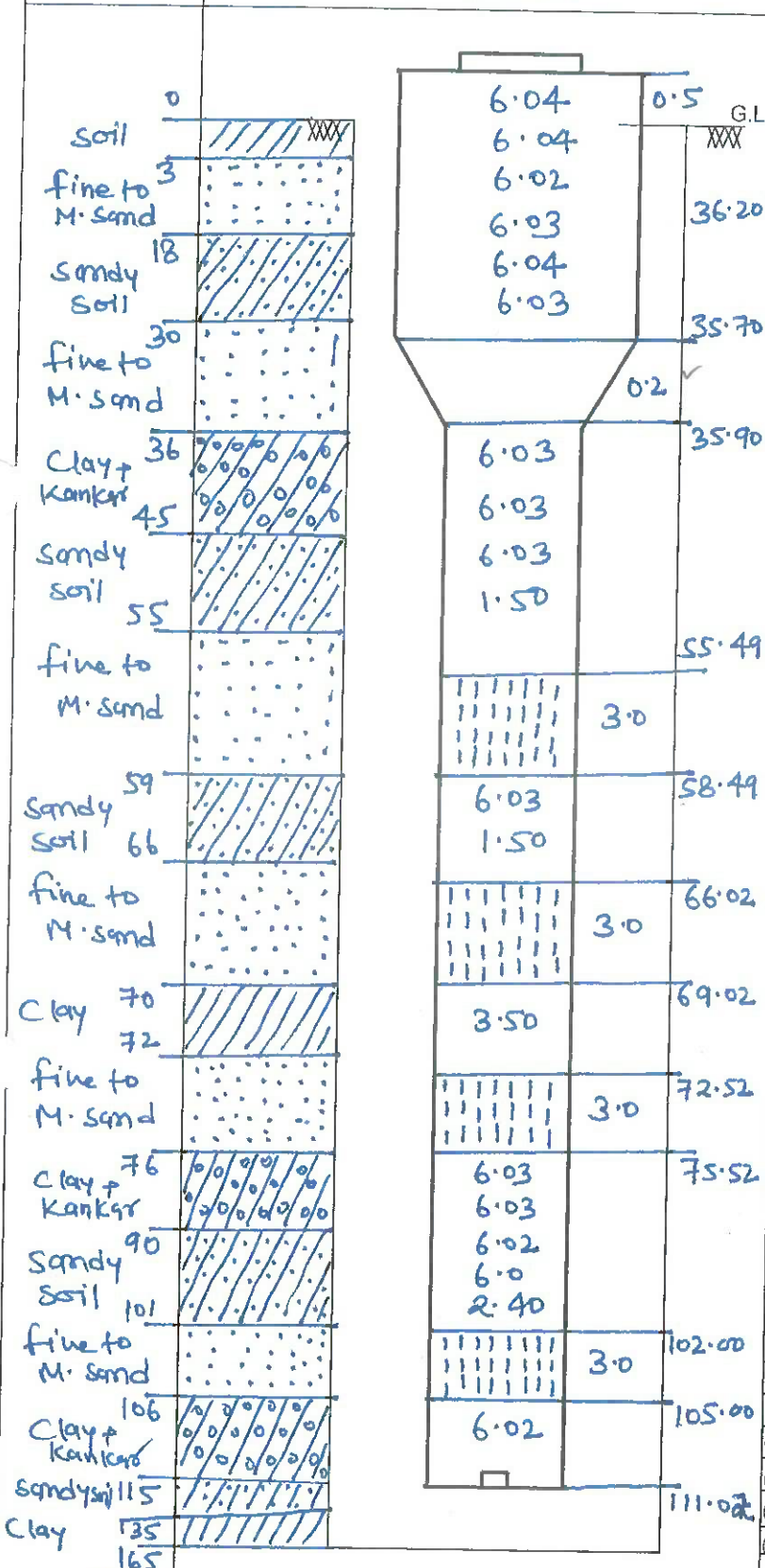
ASSEMBLY DETAILS

<u>200</u>	m.m Dia Housing Pipe A.G.L.	<u>0.5</u>	m
<u>200</u>	m.m Dia Housing Pipe	<u>35.70</u>	m
<u>200</u>	m.m Dia Reducer Pipe	<u>35.70</u> to <u>35.90</u>	m
<u>150</u>	m.m Dia Plain Pipe	<u>35.90</u> to <u>55.49</u>	m
<u>150</u>	m.m Dia Screen Pipe	<u>55.49</u> to <u>58.49</u>	m
<u>150</u>	m.m Dia Plain Pipe	<u>58.49</u> to <u>66.02</u>	m
<u>150</u>	m.m Dia Screen Pipe	<u>66.02</u> to <u>69.02</u>	m
<u>150</u>	m.m Dia Plain Pipe	<u>69.02</u> to <u>72.52</u>	m
<u>150</u>	m.m Dia Screen Pipe	<u>72.52</u> to <u>75.52</u>	m
<u>150</u>	m.m Dia Plain Pipe	<u>75.52</u> to <u>102.00</u>	m
<u>150</u>	m.m Dia Screen Pipe	<u>102.00</u> to <u>105.00</u>	m
<u>150</u>	m.m Dia Plain Pipe	<u>105.00</u> to <u>111.02</u>	m
	m.m Dia	<u>111.02</u>	Pipe.....to.....m

TOTAL ASSEMBLY= 111.02 m+ A.G.L(m)= 111.52 m

3.- Proposed Assembly for Lowering

- (1) 300MM DIA MSERW PLAIN PIPE = —
 - (2) 200 MM DIA MSERW PLAIN PIPE = 36.20 MTR ✓
 - (3) 150MM DIA MSERW PLAIN PIPE = 63.12 MTR ✓
 - (4) 300/150 MM DIA REDUCER = —
 - (5) 200/150 MM DIA REDUCER = 01 Nos
 - (6) 150MM DIA MSERW SLOTTED PIPE = 12 MTR (12 mtrs) ✓
 - (7) 300 MM DIA WELL CAP = —
 - (8) 200MM WELL CAP = 01 Nos
 - (9) 150MM DIA CENTER GUIDE = 111.52 MTR ✓
 - (10) GRAVEL PACKING = 41.87 m³
 - (11) 600 MM DIA BORE DIGGING = —
 - (12) 500 MM DIA BORE DIGGING = 165 MTR
- TOTAL ASSEMBLY = 111.02 + 0.5 = 111.52 MTR ✓



Kaishnapathak

Vinay K...

JK

N

JMC

TPIA

JE UPJN

AFUPJN

EE UPJN

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 128

Dated: 05-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kamhariya Khurd**
Block: **Pharenda**
District: **Maharajanj**
State: **Uttar Pradesh**
Drilling Depth: **175.0 m bgl**
Logging Depth: **173.0 m bgl**
Date of Logging: **05-05-2022**
Rm **-16.0 Ω m** Rw **- 15.0 Ω m**

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:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	25 - 30	05	Good
(2)	32 - 35	03	Good
3.	40 - 45	05	Good
4.	55 - 59	04	Good
5.	66 - 69	03	Good
6.	72 - 76	04	Good
7.	102 - 105	03	Good
8.	110 - 115	05	Good
9.	131 - 135	04	Good
10.	145 - 148	03	Good
11.	157 - 161	04	Good

Note: ~~1.~~ **Very Fine bands of Kankar are intermixed with almost all the Zones.**

~~2.~~ **Zones Sl. No. 4, 5 and 9 to 11 are Fine Sand in Nature.**

Verified as per logs provided.
Note. Sr No 3-41-45- wlog may consider.

For Geo Instruments & Technic's

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