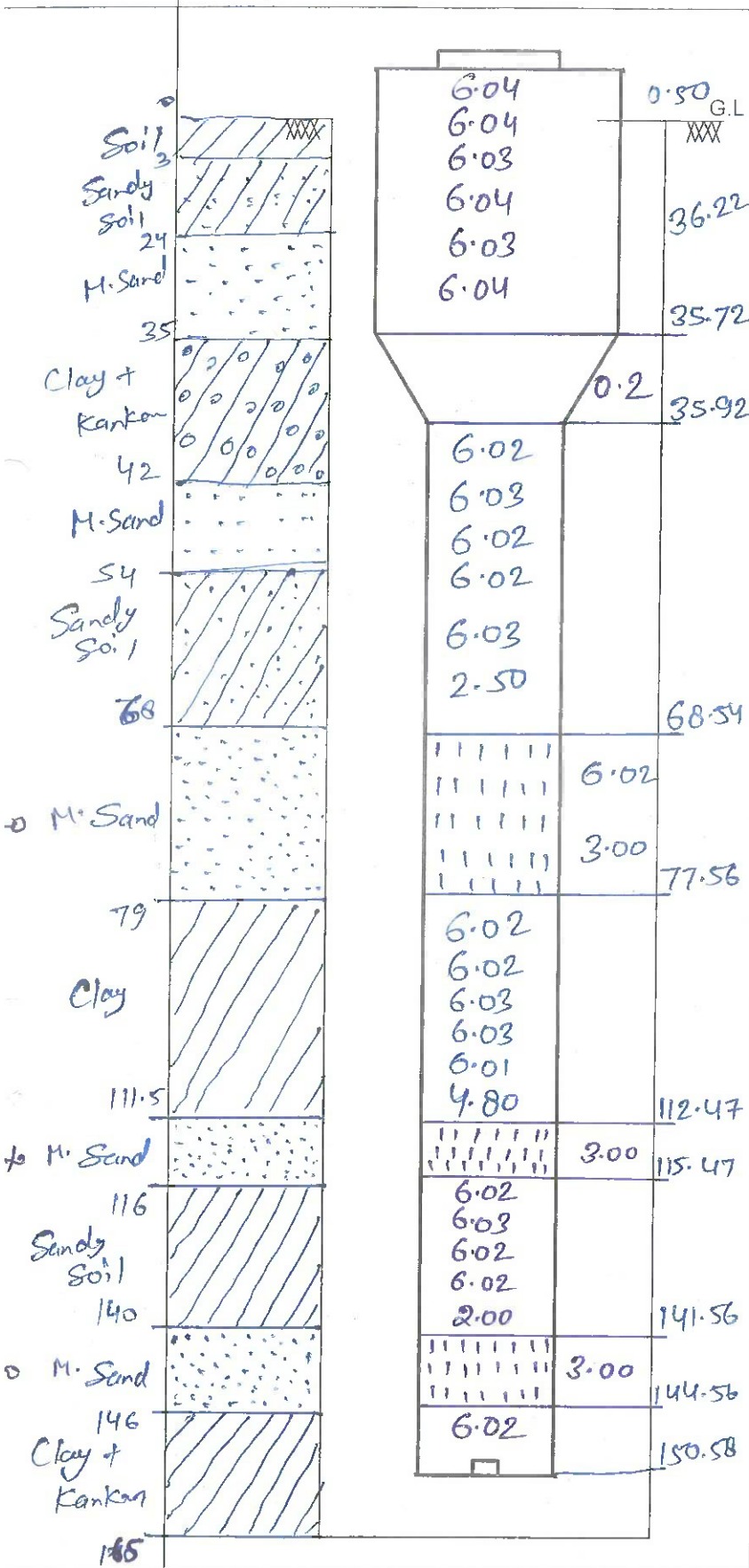




DEPTH OF STRATA	PROPOSED ASSEMBLY DETAILS	DPR DETAILS-	
		SL.	Lowering Date- 8/8/22

GP - Paohrukhi  
Block - Pharenda

1	Water Discharge in LPM-	300 LPM
2	Bore well Drilling-	
3	Drilling Depth 500MM Dia-	165
4	600MM Dia-	---
4	Tube Well Assembly-	
5	300MM Dia	200MM Dia
6	---	150MM Dia
		36 MTR
		114 MTR



1.- LOGGING REPORT

Depth Logged-	MBGL	Date of Logging-	Remarks
SL.	Depth Range MBGL	Thickness in Mtr.	
1	28-34	06	Good
2	37-42	05	Good
3	50-55	05	Good
4	68-78	10	Good
5	92-96	04	Good
6	112-116	04	Good
7	126-129	03	Good
8	140-147	07	Good
9	154-160	06	Good.
10	Note -> fine band of Kankar are		
11	intermixed with almost all the zone.		

ASSEMBLY DETAILS

200	m.m Dia Housing Pipe A.G.L.	0.5
200	m.m Dia Housing Pipe	35.72
200	m.m Dia Reducer Pipe	35.72 to 35.92
150	m.m Dia Plain Pipe	35.92 to 68.54
150	m.m Dia Screen Pipe	68.54 to 77.56
150	m.m Dia Plain Pipe	77.56 to 112.47
150	m.m Dia Screen Pipe	112.47 to 115.47
150	m.m Dia Plain Pipe	115.47 to 141.56
150	m.m Dia Screen Pipe	141.56 to 144.56
150	m.m Dia Plain Pipe	144.56 to 150.58
	m.m Dia	Pipe to
	m.m Dia	Pipe to
	m.m Dia	Pipe to
	m.m Dia	Pipe to
TOTAL ASSEMBLY=	m+ A.G.L(m)=	m

3.- Proposed Assembly for Lowering-

(1)	300MM DIA MSERW PLAIN PIPE =	---
(2)	200 MM DIA MSERW PLAIN PIPE =	36.22
(3)	150MM DIA MSERW PLAIN PIPE =	99.64
(4)	300/150 MM DIA REDUCER =	---
(5)	200/150 MM DIA REDUCER =	01
(6)	150MM DIA MSERW SLOTTED PIPE =	15.02
(7)	300 MM DIA WELL CAP =	---
(8)	200MM WELL CAP =	01
(9)	150MM DIA CENTER GUIDE =	151.08 mtr
(10)	GRAVEL PACKING =	42.03 cu
(11)	600 MM DIA BORE DIGGING =	---
(12)	500 MM DIA BORE DIGGING =	170 mtr
TOTAL ASSEMBLY =		151.08

*P. K. Kuneet*

*Vivek Kumar*

*NAK*

# 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:21-22:LS: 452  
Dated: 03-08-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pachrukhi  
Block: Pharenda  
District: Mharajgang  
State: Uttar Pradesh  
Drilling depth: 170.0 m bgl  
Logging depth: 167.0 m bgl  
Date of logging: 03-08-2022  
Rm - 23.0  $\Omega$ m Rw - 29.0  $\Omega$ 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 with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meters)	Remarks (Quality of aquifer water)
<del>1.</del>	28 - 34	06	Good
<del>2.</del>	37 - 42	05	Good
<del>3.</del>	50 - 55	05	Good
<del>4.</del>	68 - 78	10	Good
<del>5.</del>	92 - 96	04	Good
<del>6.</del>	112 - 116	04	Good
(7)	126 - 129	03	Good
<del>8.</del>	140 - 147	07	Good
<del>9.</del>	154 - 160	06	Good

Note: 1. Fine band of Kankar are intermixed with almost all the Zones.

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*Verified as per logs provided.  
Note - Sr No 7 - is finer in nature.*

*C.C.*  
ASSISTANT HYDROGEOLOGIST,  
CIRCLE OFFICE (EM)  
U.P. JAL NIGAM (RURAL)  
PRAYAGRAJ