

NAME OF THE DISTRICT- **GORAKHPUR** TYPE OF RIG/M/C- **RC**  
 NAME OF THE BLOCK- **GOLA** SIZE OF BORE- **550/500 mm dia**  
 NAME OF THE GRAM PANCHAYAT- **MUKUNDWAR** STATIC WATER LEVEL- **13 M**  
 NAME OF THE VILLAGE- J.E Incharge \_\_\_\_\_ A.E Incharge \_\_\_\_\_

DISCHARGE - 600 LPM

DEPTH B.G.L. IN METER	BORING CHART	STRATA	EXECUTED ASSEMBLY	ASSEMBLY DETAILS
0M		AL	A.G.L. - 0.50M	200 mm Dia Housing Pipe A.G.L. = 0.50m
				200 mm Dia Housing Pipe _____ m to 36.09m
				200/150 mm Dia Reducer 35.59 m to 35.79 m
				150 mm Dia BLIND pipe 35.79 m to 66.52m
		SANDY CLAY		150 mm Dia SLOTER pipe 66.52 m to 69.52m
				150 mm Dia BLIND pipe 69.52 m to 80.54m
				150 mm Dia SLOTER pipe 80.54 m to 84.54m
27.0M				150 mm Dia BLIND pipe 84.54 m to 90.54m
		PINE SAND WITH KANKAR		150 mm Dia SLOTER pipe 90.54 m to 99.56m
			35.59M	150 mm Dia BLIND pipe 99.56 m to 123.56m
38.0M			35.79M	150 mm Dia SLOTER pipe 123.56 m to 129.62m
		SANDY CLAY		150 mm Dia BLIND pipe 129.62 m to 135.63m
47.0M				_____ mm Dia _____ pipe _____ m to _____ m
57.0M		MEDIUM SAND		_____ mm Dia _____ pipe _____ m to _____ m
		SANDY CLAY		_____ mm Dia _____ pipe _____ m to _____ m
66.0M			66.52M	_____ mm Dia _____ pipe _____ m to _____ m
70.0M		MEDIUM SAND	69.52M	_____ mm Dia _____ pipe _____ m to _____ m
		SANDY CLAY		_____ mm Dia _____ pipe _____ m to _____ m
80.0M			80.54M	_____ mm Dia _____ pipe _____ m to _____ m
		MEDIUM SAND	84.54M	_____ mm Dia _____ pipe _____ m to _____ m
			90.54M	_____ mm Dia _____ pipe _____ m to _____ m
			99.56M	_____ mm Dia _____ pipe _____ m to _____ m
101.0M				Total Assembly = 135.63 m + A.G.L (m) = 136.13 m
		SANDY CLAY		<b>ABSTRACT</b>
				1. Drilling Started-
				2. Drilling Completed/Lowering- 21/03/2022
				3. Drilling Depth (m)- 160.0M
				4. Assembly Lowered (m)- 136.13M
				5. Housing Pipe (m)- 36.09M
123.0M		MEDIUM SAND	123.56M	6. Plain Pipe (m)- 77.76M
			129.62M	7. Slotted Pipe (m)- 22.08M
130.0M			135.63M	8. Reducer (m)- 0.20M
		CLAY		<b>LOGGING REPORT</b>
			BAIL PLUG	1- 27 - 38 → 11
160.0M				2- 47 - 51 → 04
				3- 66 - 70 → 04
				4- 80 - 85 → 05
				5- 90 - 100 → 10
				6- 123 - 130 → 07
				7- _____
				8- _____
				9- _____
				10- _____

SOUND TEST- \_\_\_\_\_

VERTICALITY TEST- \_\_\_\_\_



(Nandu Prasad) (Bobbangadav)  
J.E & A.E

(Mukundwar)  
P.M.C./P.T.A

\_\_\_\_\_  
E.E

# 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:308

Dated: 17-03-2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mukundwar  
Block: Gola  
District: Gorakhpur  
State: Uttar Pradesh  
Drilling Depth: 160.0 m bgl  
Logging Depth: 158.0 m bgl  
Date of Logging: 16-03-2022  
Rm -40.0  $\Omega$ m Rw - 50.0  $\Omega$ m

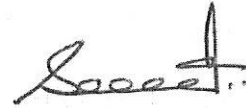
Borehole Drilled by: M/S NCC Ltd. Gorakhpur- North, Uttar Pradesh.

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 (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1/	27 - 38	11	Good
2/	47 - 51	04	Good
3/	66 - 70	04	Good
4/	80 - 85	05	Good
5/	90 - 100	10	Good
6/	123 - 130	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zones Sl. No. 3 to 6 are Fine to Medium sand in nature.

For Geo Instruments & Technic's

  
(S. Shukla)

Verified as per  
logs provided:  
G.S.  
20/03/22