



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)
9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS30370176

Date: 25-02-2023

Ref: GIC/JMI/Barabanki/25

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location: Village - Gaupur, Block - Bani Kedar
Distt. - Barabanki

Drilling Depth: 170 mbgl

Logged Depth: 165 mbgl

Date of Logging: 25-02-2023

Types of Log: ~~SP~~ & Resistivity (Normal & Lateral)

Logger Used: Uphron

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below:

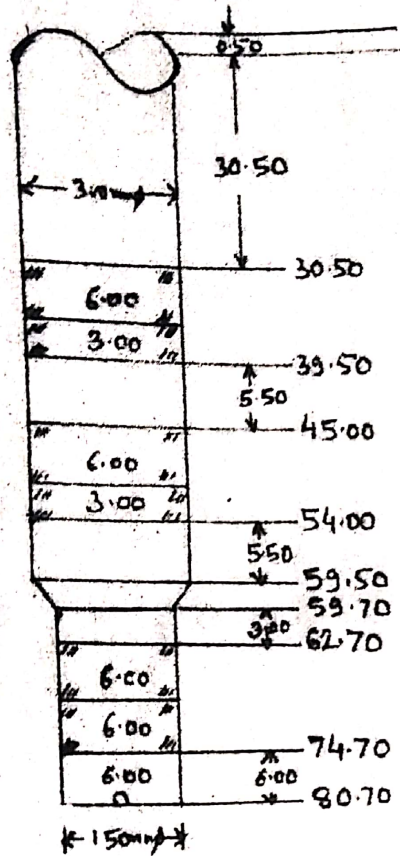
Sl. No.	Depth Range (m. bgl)	Thickness (m)	Types of strata	R_{mf} & R_a
1	20 - 40	10	Good	$R_{mf} = 10$ Ohm $R_a = 20$ Ohm
2	45 - 54	9	Good	
3	60 - 70	10	Good	

Remark: Almost all zones are intermixed with fine bands of kankar. Formation water quality is poor below 85 mbgl to till depth logged. Pl ensure pre-monsoon water level data before logging.

Verified as per logs provided
G.S.H.


(A.K. Singh)
Geophysicist

Proposed Dr Assembly chart of Gaurpur w/s scheme block Banikhal
Distt. Barankot



Discharge = 917.94 LPM

Motor HP = 17.5 HP

Assembly size = 300 x 150 mm

Base p = 610 x 450 mm

Logging Report ~~25-12-11~~

1. 30 - 40 = 10

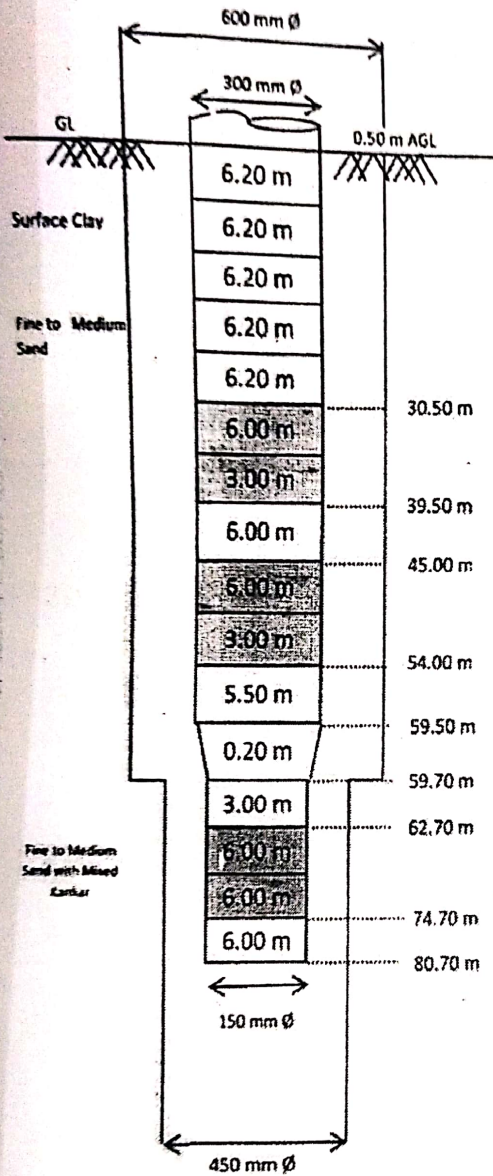
2. 45 - 54 = 9

3. 60 - 76 = 16

NOTE:- below 85 m byl
total depth of logged
quality is poor

OFFICE OF THE EXECUTIVE ENGINEER
DIVISION OFFICE (E/M), UTTAR PRADESH JAL NIGAM (RURAL), AYODHYA
Actual Strata Chart & T.W. Assembly lowered of 600 x 450 mm of Gorpur, Sukhipur, W55 BLOCK-bani kodar
Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 26.764735°
 Longitude - 81.472815°



ACTUAL T.W. ASSEMBLY			
BORE SIZE	600 mm x 450 mm		
T.W. ASSEMBLY	300 mm x 150 mm		
DISCHARGE	917.94 LPM		
WORKING HEAD			
PUMP	17.5 HP		
LOGGING REPORT	25-02-2023		
Date of Lowering	25-02-2023		
S.NO.	DEPTH RANGE	THICKNESS	REMARKS
1	30-40	10	GOOD
2	45-54	9	GOOD
3	60-76	16	GOOD

below 85 mbgl total depth of logged quality is poor

1- Housing Pipe 300 mm Ø	= 42.00 m
2- Plain Pipe 150 mm Ø	= 9.00 m
3- Slotted Pipe 150 mm Ø	= 12.00 m
4- Slotted Pipe 300 mm Ø	= 18.00 m
5- Reducer (300x150) mm Ø	= 0.20 m
Total Assembly	= 81.20 m
Less AGL	= (-)0.50 m
Total Lowering (BGL)	= 80.70 m

ENGINEERING PVT LTD JV
 Contractor

FITCHNER India Ltd.
 T.P.I.

S. C. Yadav
 J.E. (E&M)

R. S. Prasad
 A.E. (E&M)

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 E.E. (E&M)