

GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Barabanki/143

Date : 25.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Ghungker, Block - Nindura
Distt. - Barabanki

(12)

Drilling Depth : 168 mbgl

Logged Depth : 165 mbgl

Date of Logging : 24.06.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : Uptron

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_n
1	36-47	11	Good	
2	54-62	8	Good	$R_{mf} = 23 \Omega_m$
3	73-92	19	Good. kankar mixed	$R_w = 24 \Omega_m$
4	105-108	3	Good	
5	110-120	10	Good	

Remark : Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 120 mbgl.

CC :

1. Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

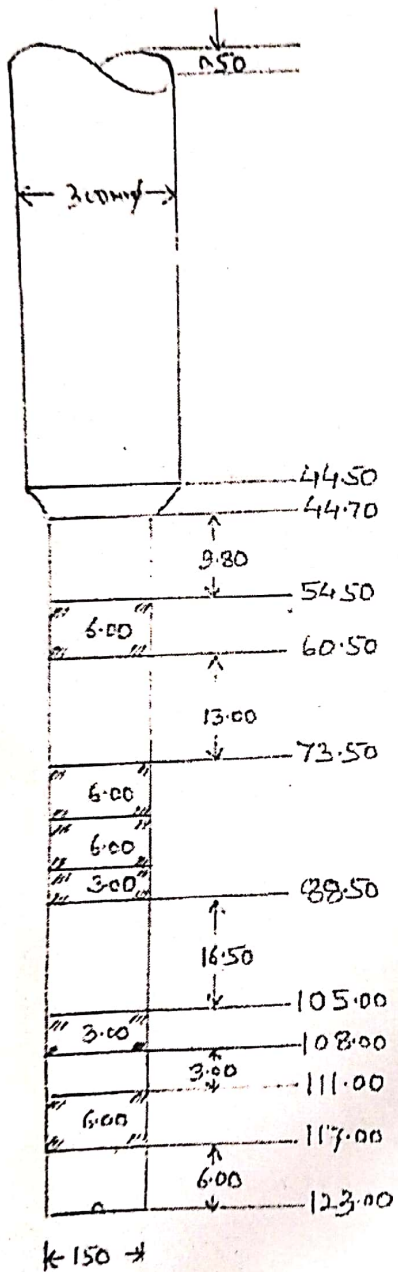
Verified as per
logs provided

G.Sh
26/06/23

(A.K. Singh)
Geophysicist

(II)

Proposed γ W Assembly chart of - Cough for w/s scheme block. Nendawra distt - Barabanki

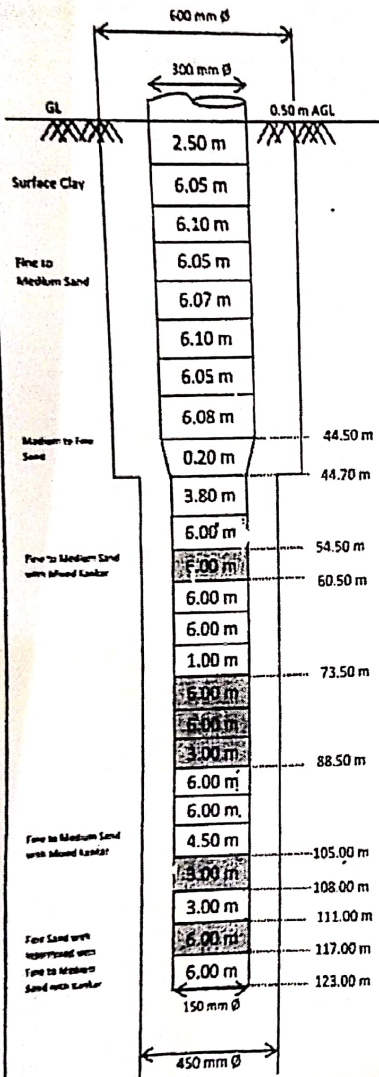


- 1- discharge 885.89 LOM
 - 2- motor HP- 15HP
 - 3- Assembly size- 300x150
 - 4- Project 600x450m²
 - 5- Logging Report st. 25.6%
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- 1- 36-47 = 11
 - 2- 54-62 = 8-6
 - 3- 73-92 = 19-15
 - 4- 105-108 = 3-3
 - 5- 110-120 = 10-6

(II)

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 Ghughter-2, WSS BLOCK-Nindaura
 Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 27.160085°
 Longitude - 81.003876°



ACTUAL T.W. ASSEMBLY			
BORE SIZE	600 mm x 450 mm		
T.W. ASSEMBLY	300 mm x 150 mm		
DISCHARGE	885.85 LPM		
WORKING HEAD			
PUMP	15 HP		
LOGGING REPORT	25/6/2023		
Date of Lowering	28/6/2023		
S.NO.	DEPTH RANGE	THICKNESS	REMARKS
1	36-47	11	GOOD
2	54-62	8-6	GOOD
3	73-92	19-15	GOOD
4	105-108	3-3	GOOD
5	110-120	10-6	GOOD

1- Housing Pipe 300 mm ϕ	= 45.00 m
2- Plain Pipe 150 mm ϕ	= 48.30 m
3- Slotted Pipe 150 mm ϕ	= 30.00 m
4- Reducer (300 x 150) mm ϕ	= 0.20 m
Total Assembly	= 123.50 m
Less AGL	= (-)0.50 m
Total Lowering (BGL)	= 123.00 m

M/s VIL - GAJA ENGINEERING PVT LTD JV
 Contractor

FITCHNER India Ltd.
 T.P.I.

J.P. Yadav
 J.E. (E&M)

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

Mohd. Maaz
 E.E. (E&M)