



GROUND WATER INVESTIGATION CENTRE

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

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GSITN: 09ANAPS3037Q1ZG

Date : 01.06.23

Ref: GIC/JM/ Barabanki/132

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Ghunglifer, Block - Nindura (C.I.)
Distt. - Barabanki

Drilling Depth : 170 mbgl

Logged Depth : 168 mbgl

Date of Logging : 01.06.23

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

Logger Used : IGIS

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 _{tr}
1	35 - 38	3	Good	R _{mf} = 23 Ωm R _{tr} = 24.6 Ωm
2	54 - 57	3	Good	
3	80 - 86	6	Good	
4	110 - 117	7	Good	
5	130 - 141	11	Good	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC :

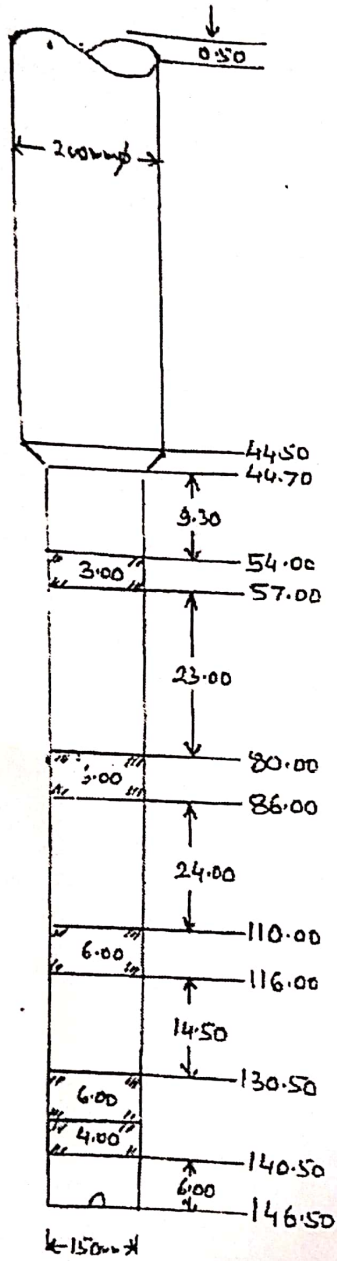
Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

Verified as per
logs provided.

G.Sh
02/06/23

(A.K. Singh)
Geophysicist

(7)
 Proposed To Assembly chart of Blungliter w/s scheme block Nindura with Rank

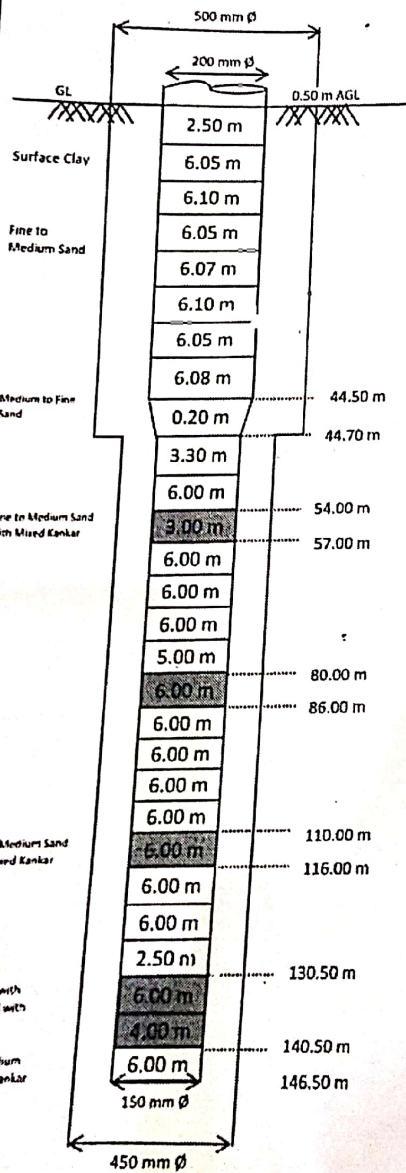


1. Discharge 556-67104
 2. Assembly size 200x150mm
 3. Base $\phi = 510 \times 450$
 4. Logging Report at 1-1-23
- 1 - 35 - 38 = 3
 2 - 54 - 57 = 3 - 3
 3 - 80 - 86 = 6 - 6
 4 - 110 - 117 = 7 - 6
 5 - 130 - 141 = 11 - 10

2nd Hatching = 54
~~750 mm x 66~~
~~750 mm x 30~~
 750

OFFICE OF THE EXECUTIVE ENGINEER
 DIVISION OFFICE (E/M), UTTAR PRADESH JAL NIGAM (RURAL), AYODHYA
 Actual Strata Chart & T.W. Assembly lowered of 500 x 450 mm of Ghughler, WSS BLOCK-Nindaure
 Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 27.160085°
 Longitudo - 81.003876°



ACTUAL T.W. ASSEMBLY			
BORE SIZE	500 mm x 450 mm		
T.W. ASSEMBLY	200 mm x 150 mm		
DISCHARGE	556.67 LPM		
WORKING HEAD			
PUMP	15 HP		
LOGGING REPORT	1/6/2023		
Date of Lowering	3/6/2023		
S.NO.	DEPTH RANGE	THICKNESS	REMARKS
1	35-38	3	GOOD
2	54-57	3	GOOD
3	80-86	6	GOOD
4	110-117	7	GOOD
5	130-141	11	GOOD

1- Housing Pipe 200 mm ϕ	= 45.00 m
2- Plain Pipe 150 mm ϕ	= 76.80 m
3- Slotted Pipe 150 mm ϕ	= 25.00 m
4- Reducer (200 x 150) mm ϕ	= 0.20 m
Total Assembly	= 147.00 m
Less AGL	= (-)0.50 m
Total Lowering (BGL)	= 146.50 m

M/s VTL - GAJA ENGINEERING PVT LTD JV
 Contractor

FITCHNER India Ltd.
 T.P.I.

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

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

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