



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183
Email: slamaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Barabanki/140

Date : 18.06.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Dharsahda. Block - Deva
Distt. - Barabanki

Drilling Depth : 165 mbgl

Logged Depth : 140 mbgl

Date of Logging : 18.06.23

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

Logger Used : Upton

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 _w
1	20 - 28	8	Good	R _{mf} = 23 Ωm R _w = 25.2 Ωm
2	39 - 45 ⁴³	8 ⁰⁴	Good	
3	50 - 56	6	Good	
4	69 - 74	5	Good. kankar mixed	
5	79 - 87	8	Good	
6	115 - 127	12	Good - have fewer sediments	
7	130 - 134		Good	

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

CC :

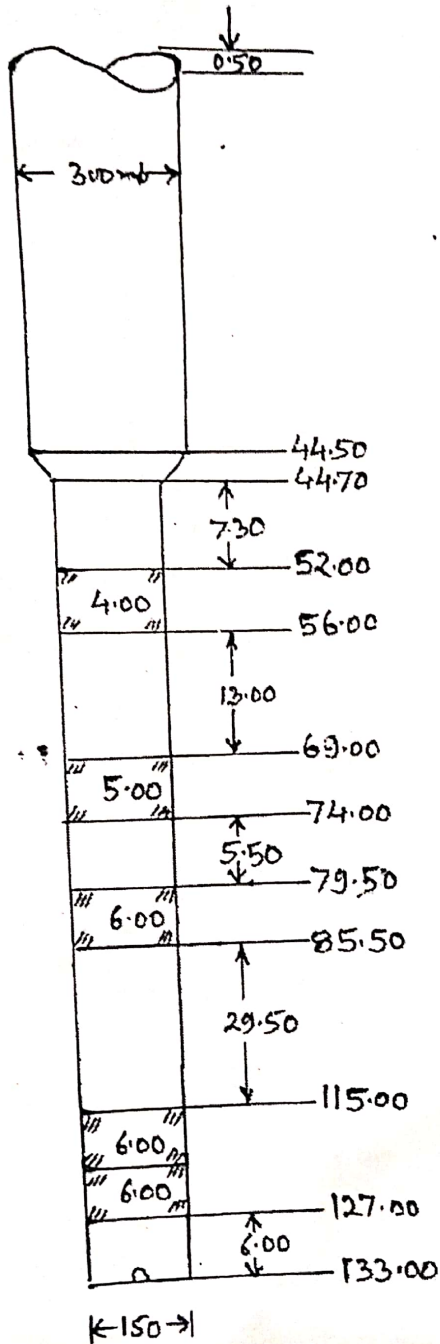
- Executive Engineer (E/M Div.) U P Jal Nigam (Gramin), Ayodhya

Verified as per logs provided

G.Sh
19/06/23

(A.K. Singh)
Geophysicist

Proposed Tw Assembly chart of Dharsanda w/s scheme block - Dewa Dist
Barabanki

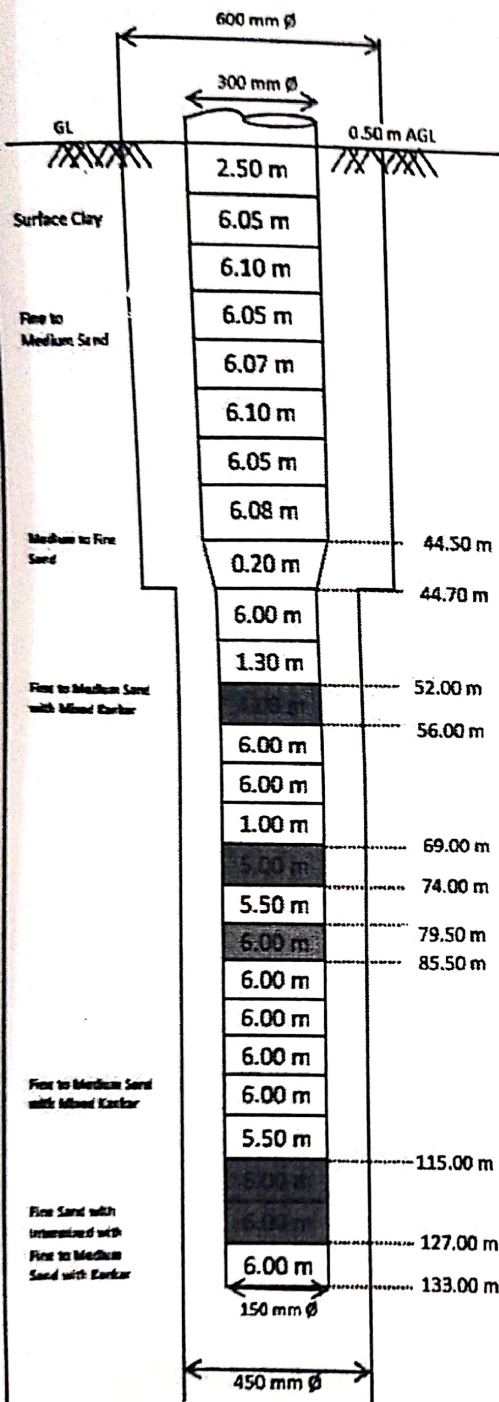


- 1- Discharge 246.5
- 2- Motor HP. 15HP
- 3- Assembly size 300X150
- 4- Bore ϕ 60X450
- 5- Logging Report dt. 18-6-23

- 1 - 20 - 28 = 8
- 2 - 39 - 43 = 4
- 3 - 52 - 56 = 4 - 4
- 4 - 69 - 74 = 5 - 5
- 5 - 79 - 87 = 8 - 6
- 6 - 115 - 127 = 12 - 12

OFFICE OF THE EXECUTIVE ENGINEER
DIVISION OFFICE (E/M), UTTAR PRADESH JAL NIGAM (RURAL), AYODHYA
Actual Strata Chart & T.W. Assembly lowered of 300 x 150 mm of Dharsanda, WSS BLOCK-Dewa
Under Jal Jeevan Mission, Distt- Barabanki

Latitude - 27.051161°
 Longitude - 81.071917°



ACTUAL T.W. ASSEMBLY			
BORE SIZE	600 mm x 450 mm		
T.W. ASSEMBLY	300 mm x 150 mm		
DISCHARGE	846.5 LPM		
WORKING HEAD			
PUMP	15 HP		
LOGGING REPORT	18/6/2023		
Date of Lowering	21/6/2023		
S.NO.	DEPTH RANGE	THICKNESS	REMARKS
1	20-28	8	GOOD
2	39-43	4	GOOD
3	52-56	4-4	GOOD
4	69-74	5-5	GOOD
5	79-87	8-6	GOOD
6	115-127	12-12	GOOD

1- Housing Pipe 300 mm ϕ	= 45.00 m
2- Plain Pipe 150 mm ϕ	= 61.30 m
3- Slotted Pipe 150 mm ϕ	= 27.00 m
4- Reducer (300 x 150) mm ϕ	= 0.20 m
Total Assembly	= 133.50 m
Less AGL	= (-)0.50 m
Total Lowering (BGL)	= 133.00 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)