



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

MSME: UDYAM-UP-50-0135993

Ref: GIC/JJM/ Sitapur/4

Date : 05.01.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bal Singhpur, Block – Pahala
Distt. – Sitapur

Drilling Depth : 165 mbgl

Logged Depth : 163 mbgl

Date of Logging : 05.01.22

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

Logger Used : Uptron

Presence : Representative of M/S NCC Ltd.

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	25 – 30	5	Good, Fine to medium sand	R _{mf} = 20 Ωm R _w = 23 Ωm
2	40 – 50	10	Good, Medium sand	
3	62 – 70	8	Good, Medium sand	
4	82 – 91	9	Good, Medium sand	
5	95 – 102	7	Good, Medium sand	
6	110 – 115	5	Good, Medium sand	
7	120 – 132	12	Good, Medium sand	
8	145 – 151	6	Good, Medium sand	
9	155 – 160	5	Good, Medium sand	

Remark : Strata of all zones are good for lowering. Ground water quality is **good**.

CC :

1. Executive Engineer, XIIIth Div. (E/M) U P Jal Naigam, Lucknow
2. M/S NCC Limited, Sitapur
3. M/S Vijay Lakshmi Construction, Bargadiya, Ramkot, Sitapur

A.K.Singh
Geophysicist