

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHARGPUR, BLOCK- BEHJAM,
DISTT- LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 150 mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 14 April.2023.

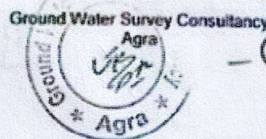
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 24.62 Ohms.

Drilling Water Resistivity = 25.83 Ohms.

Approx Water Level = 6 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 12	7	Clay kankar	
3.	14 - 37	23	Medium sand & kankar	Good
4.	37 - 55	18	Clay kankar	
5.	55 - 60*	5	Medium sand	Good
6.	60 - 71	11	Kankar	
7.	71 - 81*	10	Medium sand	Good
8.	81 - 96	15	Clay kankar	
9.	96 - 105	9	Sand & kankar	Good
10.	105 - 110	5	Clay kankar	
11.	110 - 120*	10	Medium sand	Good
12.	120 - 129	9	Clay kankar	
13.	129 - 140*	11	Medium sand	Good
14.	140 - 150	10	Clay kankar	



- Logging performed as per SWSM guidelines.
- Ground water quality interpreted by firm as per their logger calibration

G. Sh
17/04/23

COMPLETION PLAN OF TUBEWELL

NAME OF WORK :- Construction of T.W- of G.P - khargpur, Block- Behjam, Distt. Lakhimpur,
NAME OF PROGRAMME :- JJM-2,
NAME OF CLIENT :- SW.S.M. & U.P.JAL NIGAM
NAME OF CONTRACTOR :- M/S NCC Limited
NAME OF TPI :- Ceinsys Tech Limited
CONTRACT AGREEMENT :- 64/ED/Phase-2/2020-21 Dated on 12.03.2021
COVER AGREEMENT :- 465/ED/Phase 2/2022-23/XII,

Lowered Assembly Chart of T.W. of G.P- khargpur, Block- Behjam, Distt. Lakhimpur,

