## REPORT ON GEOPHYSICAL WELL LOGGING

GRAM PANCHAYAT- BIJHARI TW NO-1, BLOCK- SASNI, DISTT- HATHRAS
UNDER
JAL JIVAN MISSION

## Introduction:

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/s Braj Gopal Construction, Hathras.

On the request of M/s Braj Gopal Construction, Hathras, a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08 Feb 2025.

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 = 16.11 Ohms.

Drilling Water Resistivity = 17.04 Ohms.

Approx Water Level = 24 Mbr.

|       | Donth  | Thickness(   | Lithology   | Expected Water<br>Quality  |
|-------|--|--|---|--|
| e Ma  | Depth<br>range(m)  | m)   | (N  | CARRIED Y  |
| S.No. | 0 5  | 5  | Surface soil  | A STATE OF THE PARTY OF THE PAR |
| 1.    | 0 - 3  | 20   | Dey sand  |  |
| 2.    | 5 - 25   | 9  | Chry kankar   | AND DESCRIPTION OF THE PROPERTY OF THE PROPERT |
| 3.    | 25 - 34  | - 5  | Fine sand   | The state of the s |
| 4.    | 34 - 39  | 1.4  | Clay kankar   | The state of the s |
| 5.    | 39 - 53  | 14   | Fishe santil  | Meelican   |
| 6     | 53 - 57  | 4  | Clay kankar   |  |
| 7     | 57 - 66  | 9  | LILY AMERICA  | Modimit  |
| 1.    | 66 - 76*   | 10   | Fine to Med sand & kankar   | Canada de la companya del la companya de la company |
| 8.    | 26 - 90  | 14   | Clay kankar   | The second secon |
| 9.    | 90 - 93  | 1  | Fine Sand   | Ment to Marginally   |
| 10.   | The same and the s | 3.7  | Clay kamaki   | A STATE OF THE STA |
| 11    | 93 - 110   | NAME OF TAXABLE PARTY O | CONTRACTOR OF THE PROPERTY OF | A STATE OF THE STA |

