

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT-BALESRA , BLOCK- AWAGARH, DISTT- ETAH
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 Kalpataru Project International Pvt. Ltd, Etah.

On the request of M/s Kalpataru Project International Pvt. Ltd, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 21.Feb2024
Logging Parameters - 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 = 10.24 Ohms.

Drilling Water Resistivity = 9.74 Ohms.

Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 15	5	Fine to medium sand	
4.	15 - 20	5	Clay kankar	
5.	20 - 28	8	Medium sand	Medium
6.	28 - 40	12	Clay kankar	
7.	40 - 43*	3	Fine to medium sand	Medium
8.	43 - 57	14	Clay kankar	
9.	57 - 62	5	Fine sand	Medium
10.	62 - 70	8	Clay kankar	
11.	70 - 73*	3	Fine to medium sand	Medium
12.	73 - 76	3	Clay kankar	
13.	76 - 79*	3	Fine to medium sand	Medium
14.	79 - 89	10	Clay kankar	
15.	89 - 97*	8	Medium Sand & Kankar	Medium
16.	97 - 110	13	Clay kankar	

Note :- Please ensure pre-monsoon water level before lower the well assembly

Ground Water Survey Consultancy
Agra

