

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- FARIDPUR SAIDVADA, BLOCK- SHAMSHABAD,
DISTT- FARRUKHABAD
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 155 mtrs. at above site. Was drilled by M/s G.V.P.R. Engineering Ltd., Hyderabad.

On the request of M/s G.V.P.R. Engineering Ltd., Hyderabad. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 23.June.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 = 15.80 Ohms.

Drilling Water Resistivity = 16.90 Ohms.

Approx Water Level = 20 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Dry sand	
3.	20 - 25	5	Clay kankar	
4.	25 - 40	15	Medium sand	Med. to Good
5.	40 - 63	23	Clay kankar	
6.	63 - 66	3	Medium sand	Med. to Good
7.	66 - 80	14	Clay kankar	
8.	80 - 110*	30	Medium sand & kankar	Med. to Good
9.	110 - 115	5	Clay kankar	
10.	115 - 120*	5	Medium sand	Med. to Good
11.	120 - 140	20	Clay kankar	
12.	140 - 145*	5	Fine to medium sand	Med. to Good
13.	145 - 155	10	Clay kankar	

Ground Water Survey Consultancy

