

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHARAMPUR, BLOCK- GANJDUNDWARA
DISTT- ETAH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 111 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Kasganj.

On the request of M/S PNC-SPML-JV, Kasganj. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 27.Apr. 2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 = 17.27 Ohms.

Drilling Water Resistivity = 18.28 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 - 14	9	Sandy clay	
3.	14 - 20	6	Clay kankar	
4.	20 - 30	10	Medium sand	Good
5.	30 - 46	16	Clay kankar	
6.	46 - 51*	5	Medium sand	Good
7.	51 - 57	6	Clay kankar	
8.	57 - 63*	6	Medium sand	Good
9.	63 - 74	11	Clay kankar	
10.	74 - 84	10	Kankar	
11.	84 - 93	9	Clay kankar	
12.	93 - 101*	8	Medium sand	Good
13.	101 - 111	10	Clay kankar	

Ground Water Survey Consultancy

