

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BACHHMI, BLOCK- AMANPUR, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

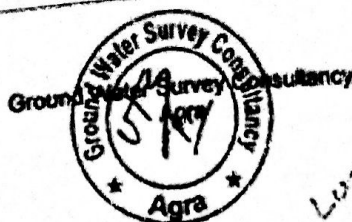
A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 115 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Kasganj.

On the request of M/S PNC-SPML-JV, Kasganj. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 07 June.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 = 19.87 Ohms.
Drilling Water Resistivity = 23.65 Ohms.
Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay kankar	
3.	8 - 18	10	Medium sand	Good
4.	18 - 55	37	Clay kankar	
5.	55 - 85*	30	Medium sand	Good
6.	85 - 115	30	Clay kankar	



*Logging performed as per
SWSM guidelines.
Groundwater quality
interpreted by firm as per
their logger calibration.*

*Gish
Kasganj
UP. JAL JIVAN MISSION
PROVIDED*