

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT-LADHAULI, BLOCK-PATIYALI
DISTT-KASGANJ
UNDER
JAL JIVAN MISSION

all done data

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth ~~112~~ 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 19.Nov.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= ~~17.99~~ Ohms.
 Drilling Water Resistivity = ~~18.69~~ Ohms.
 Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Fine Sand	
3.	8 - 17	9	Clay kankar	
4.	17 - 30	13	Medium sand & Kankar	Good
5.	30 - 52	22	Clay kankar	
6.	52 - 62*	10	Medium sand	Good
7.	62 - 67	5	Clay kankar	
8.	67 - 73*	6	Fine to Medium sand	Good
9.	73 - 90	17	Clay kankar	
10.	90 - 105*	15	Medium sand & Kankar	Good
11.	105 - 112	3	Clay kankar	

*Logging performed as per custom guidelines
 Groundwater quality interpreted by firm as per their loggers calibration*


 G.S. SINGH
 5/11/22
 P. PURALI