

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DAHELI KHURD, BLOCK- SIDHPURA
DISTT- KASGANJ

UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 113 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 20.Sep. 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 = 14.86 Ohms.

Drilling Water Resistivity = 22.07 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	
3.	10 - 23	13	Medium sand	Good
4.	23 - 51	28	Clay kankar	
5.	51 - 60*	9	Medium sand	Good
6.	60 - 67	7	Clay kankar	
7.	67 - 73*	6	Medium sand	Good
8.	73 - 82	9	Clay kankar	
9.	82 - 96*	14	Medium sand	Good
10.	96 - 113	17	Clay kankar	

Ground Water Survey Consultancy
Agra



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

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