

11/11/2002

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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NASRATPUR, BLOCK- KASGANJ, DISTT- KASGANJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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 14.May.2024.

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 = 15.44 Ohms.

Drilling Water Resistivity = 16.81 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 - 10	5	Dry sand	
3.	10 - 16	6	Clay kankar	
4.	16 - 18	2	Fine sand	
5.	18 - 24	6	Clay kankar	
6.	24 - 33	9	Medium sand	Medium
7.	33 - 35	2	Clay kankar	
8.	35 - 37	2	Fine sand	Medium
9.	37 - 49	12	Clay kankar	
10.	49 - 51	2	Fine sand	Medium
11.	51 - 75	24	Clay kankar	
12.	75 - 88*	13	Medium sand	Medium
13.	88 - 105	17	Clay kankar	
14.	105 - 113*	8	Medium sand	Medium
15.	113 - 120	7	Clay kankar	

Ground Water Survey Consultancy



17 July 2002

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