

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- TARAPUR, BLOCK- SAHAWAR, DISTT- KASGANJ  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 118 mtrs. depth. and Logged depth ~~110~~ 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 10. Jan. 2023.

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 = ~~23.86~~ Ohms.

Drilling Water Resistivity = ~~24.07~~ Ohms.

Approx Water Level = 9 Mtr.

S.No.	Defth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 9	4	Dry sand	
3.	9 - 15	6	Clay kankar	
4.	15 - 30	15	Fine to Medium sand	Medium
5.	30 - 45	15	Clay kankar	
6.	45 - 47	2	Kankar	
<del>7.</del>	47 - 63*	16	Medium sand	Medium
8.	63 - 87	24	Clay kankar	
<del>9.</del>	87 - 100*	13	Fine to Medium sand	Medium
10.	100 - 110	10	Clay kankar	

- Logging performed as per  
SWSM guidelines.  
- Groundwater quality  
interpreted by firms as  
per their logger /  
calibration



GSh

11/01/23

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