

REPORT ON GEOPHYSICAL WELL LOGGING
AT
GRAM PANCHAYAT- AHRO ZADID, BLOCK- BILASPUR, DISTT- RAMPUR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 150 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd., Rampur.

On the request of M/s LC Infra Projects Pvt. Ltd., Rampur. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08.Feb.2023.

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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 17	12	Sandy clay	
3.	17 - 25	8	Clay kankar	
4.	25 - 35	10	Fine sand	Medium
5.	35 - 45	10	Clay kankar	
6.	45 - 58*	13	Medium sand	Medium
7.	58 - 62	4	Clay kankar	
8.	62 - 77*	15	Medium sand	Medium
9.	77 - 83	6	Clay kankar	
10.	83 - 110*	23	Medium sand	Medium
11.	110 - 120	10	Clay kankar	
12.	120 - 147*	27	Medium sand	Medium
13.	147 - 150	3	Clay kankar	

Ground Water Survey Consultancy

