

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SIROHI, BLOCK- SAURIKH, DISTT- KANNAUJ UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth ~~200~~ mtrs. at above site. Was drilled by M/s G.V.P.R. Engineering Ltd., Hyderabad.

On the request of M/s G.V.P.R. Engineering Ltd., Hyderabad. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 30.April.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:-

Mud Resistivity = 15.19 ~~Ohms~~.

Drilling Water Resistivity = 16.44 ~~Ohms~~.

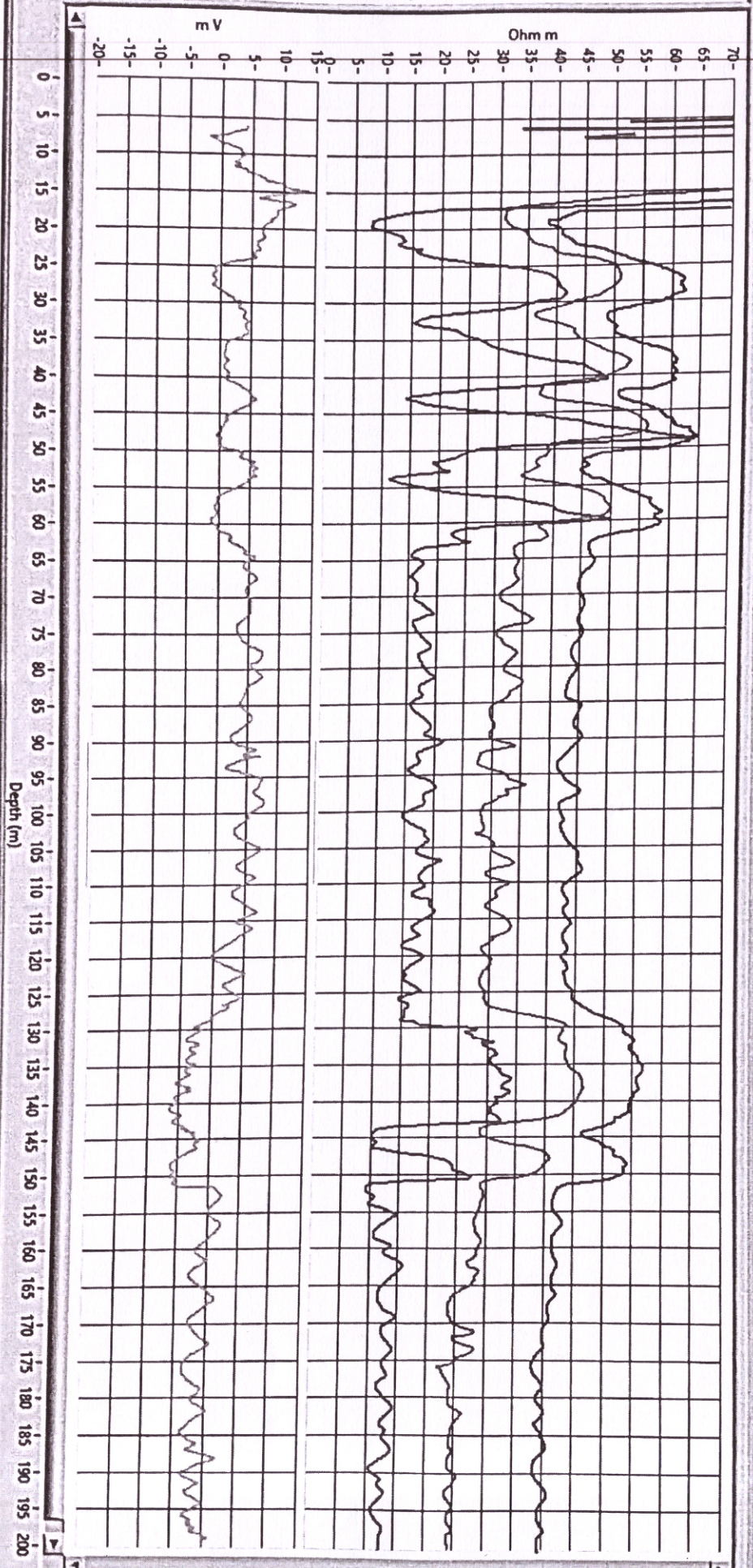
Approx Water Level = 21 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	11	Dry sand	
3.	16 - 25	9	Clay kankar	
4.	25 - 30	5	Fine sand	Medium
5.	30 - 35	5	Clay kankar	
6.	35 - 42	7	Fine to Medium sand	Medium
7.	42 - 45	3	Clay kankar	
8.	45 - 50*	5	Fine to Medium sand	Medium
9.	50 - 55	5	Clay kankar	
10.	55 - 61*	6	Fine to medium sand	Medium
11.	61 - 128	67	Clay kankar	
12.	128 - 143*	15	Medium sand	Medium
13.	143 - 146	3	Clay Kankar	
14.	146 - 151*	5	Fine to Medium sand	Medium
15.	151 - 200	49	Clay kankar	



- Logging performed as per SWSM guideline
- Groundwater quality interpreted by firm as per their logged calibration
G.S.H.
01/05/23

Rho a
 N16 (SN)
 M64(LN)
 LAT
 Logging Details:
 Log No: 16
 Date: 30 Apr 2023
 Time: 15:45
 Location: ...
 Logger S No: KGIS/01/21-22
 Logger Model: SP (m V)
 DMP1-2
 Logger Owned by:
 GROUND WATER SURVEY CONSULTANCY
 AGRA, UP, India



Rho a

N16 (SN)
 N64(LN)
 LAT

Logging Details:

Logging on right channel
 Processing start channel
 UP LOGGING
 30 Apr 2023
 15:45
 1000000

Logger S/N No: IGIS/S/01/21-22

Sp (m V)
 Logger Model: DMPL-2
 Logger Owned by: GROUND WATER SURVEY CONSULTANCY AGRA, UP India

