

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- KANKAR KUYIN, BLOCK- HAEERAN, 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 = 16.23 ~~Ohms~~.

Drilling Water Resistivity = 17.30 ~~Ohms~~.

Approx Water Level = 15 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Dry sand & kankar	
3.	18 - 25	7	Clay kankar	
4.	25 - 33	8	Fine sand	Medium
5.	33 - 35	2	Clay kankar	
6.	35 - 40	5	Fine sand	Medium
7.	40 - 52	12	Clay kankar	
8.	52 - 62*	10	Medium sand	Medium
9.	62 - 100	38	Clay kankar	
10.	100 - 108*	8	Fine to medium sand	Medium
11.	108 - 133	25	Clay kankar	
12.	133 - 140*	7	Medium sand	Medium
13.	140 - 145	5	Clay Kankar	
14.	145 - 150*	5	Fine to Medium sand	Medium
15.	150 - 200	50	Clay kankar	

Ground Water Survey Consultancy



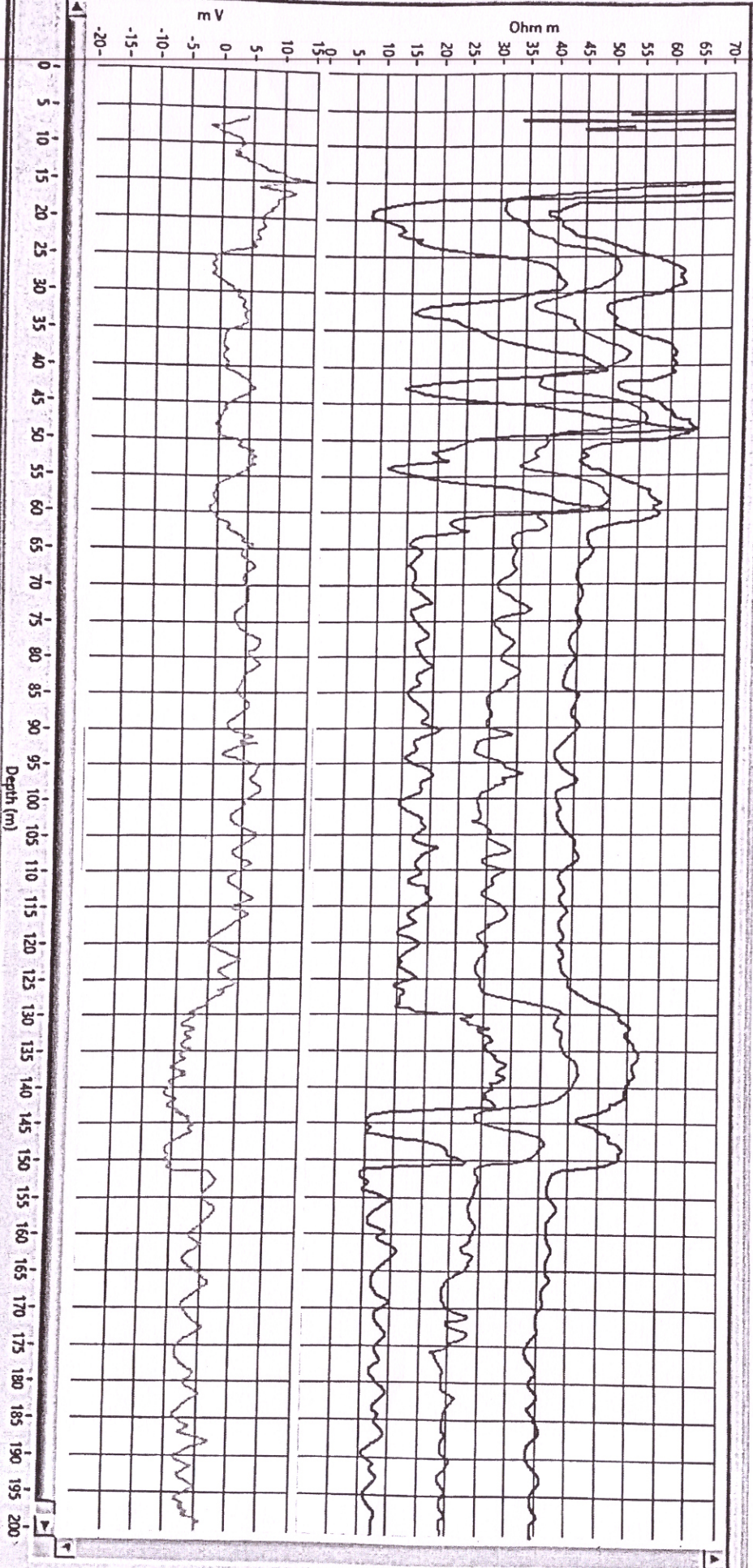
- Logging performed as per SWSM guidelines.
- Groundwater quality interpreted by firm as per their logger calibration!

G.Sh
02/05/23

Rho a
 NI6 (SN)
 NS4(LN)
 LAT
 Logging Details
 CS3 9 V raga 08784
 DOORLAHARIST-GARH4
 UP, INDIA
 35 Apr 2023
 15:45
 "NART"

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

Logger S No:
 IGS/S/01/21-22



Rho a
 NI6 (SN)
 NI64(LN)
 LAT
 Logging Details
 Logging on rig: 08/11/2023
 Project: 08/11/2023
 Job: LOGGING
 Date: 30 Apr 2023
 Time: 15:45
 Location:

Logger SI No: IGSS/S/01/21-22
 Logger Model: SP (m V)
 Logger Owned by: DMPTL-2
 GROUND WATER SURVEY CONSULTANCY AGRA, UP, India

