

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GADNAPUR, BLOCK- KANNAUJ, DISTT- KANNAUJ UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 200 mtrs. depth. and Logged depth 195 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 = 15.70 Ohms.

Drilling Water Resistivity = 16.79 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 - 19	14	Clay kankar	
3.	19 - 26	7	Fine to Medium sand	Medium
4.	26 - 30	4	Clay kankar	
5.	30 - 38	8	Medium sand	Medium
6.	38 - 44	6	Clay kankar	
7.	44 - 54*	10	Medium sand	Medium
8.	54 - 58	4	Clay kankar	
9.	58 - 70	12	Sand & kankar	
10.	70 - 79	9	Clay kankar	
<u>11.</u>	79 - 86*	7	Medium sand	Medium
12.	86 - 93	7	Clay Kankar	
13.	93 - 97	4	Fine sand	Medium
14.	97 - 195	98	Clay kankar	

Sr No 11 - 80 - 86 (6m)

G.Sh
02/05/23



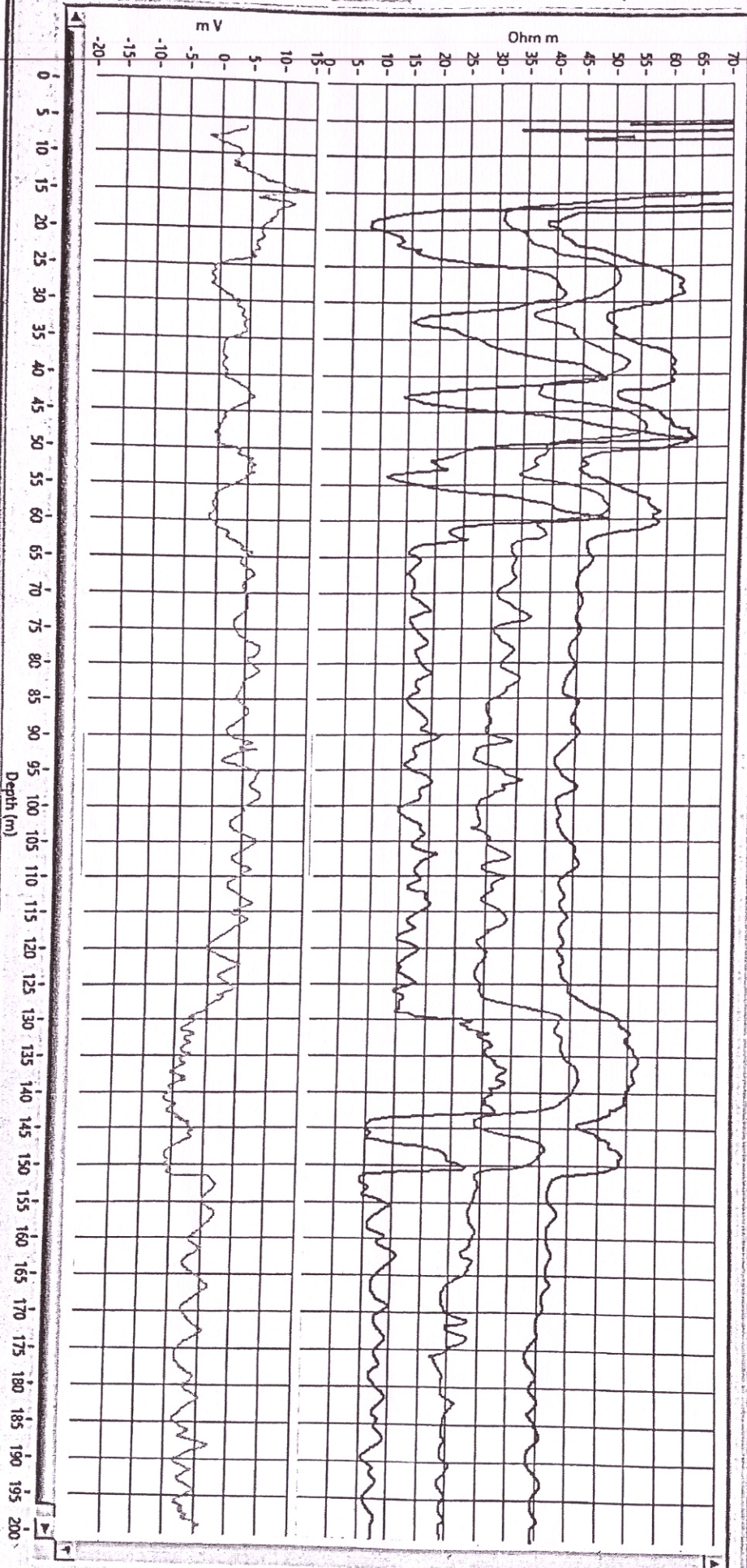
- Logging performed as per SWSM guidelines
- Groundwater quality interpreted by firm as per their logger calibration.

Rho a
 NI6 (SN)
 NS6(LIN)
 LAT

Logging Details
 53375 for RPA DRA
 SOCIETY FOR RPA
 UP, INDIA
 32 407223
 15.45
 "NORT"

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

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



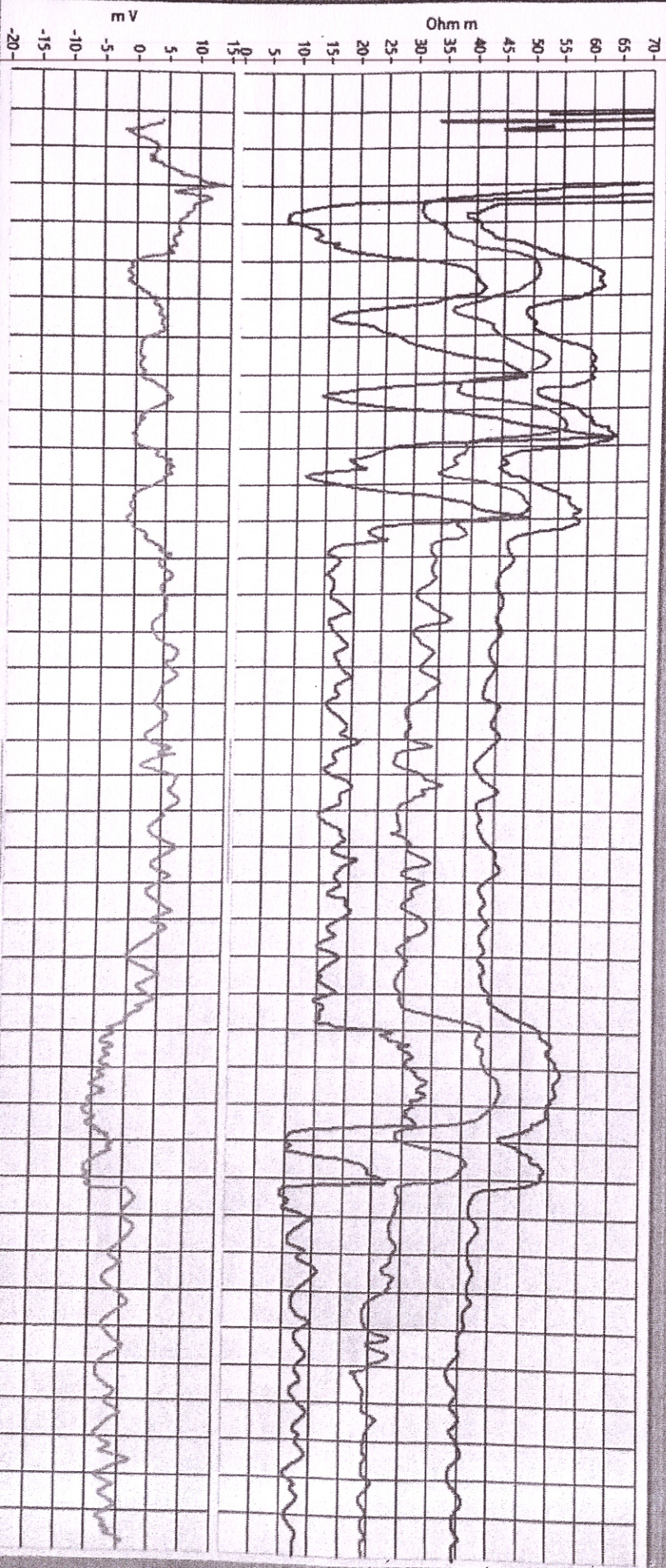
Rho z
 NI6 (SN)
 NS40(LN)
 LAT

Logging Details:
 Logging on night on
 block land at
 UP, OGBING
 30 Apr 2013
 19.45
 19.45

Logger S/N No
 GSS/S01/21-22

Logger Model
 SP (m V)

Logger Owned by
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA, UP, India



Depth (m)