

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:- 648

Date:- 08-01-2023

NAME OF SITE

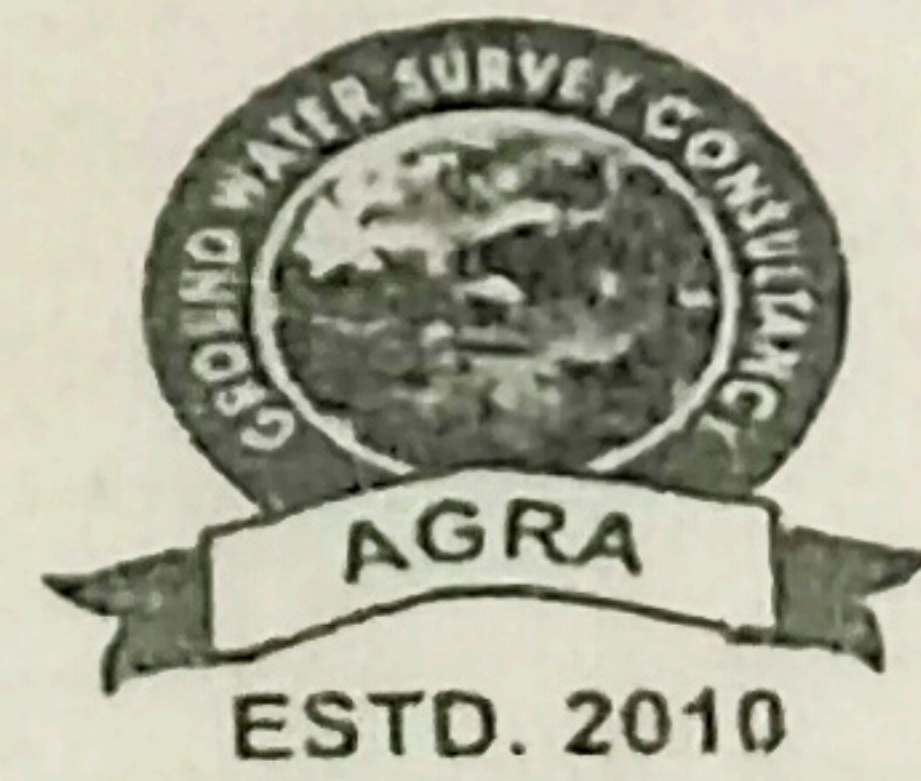
Gram Panchayat- Jagannathpur

BLOCK- Milak

DISTT- Rampur

NAME OF AGENCY

M/s NKG Infrastructure Limited
Delhi



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO 9001:2015

Ground Water Survey Consultancy
Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAGANNATHPUR, BLOCK- MILAK, DISTT- RAMPUR
UNDER
JAL JIVAN MISSION

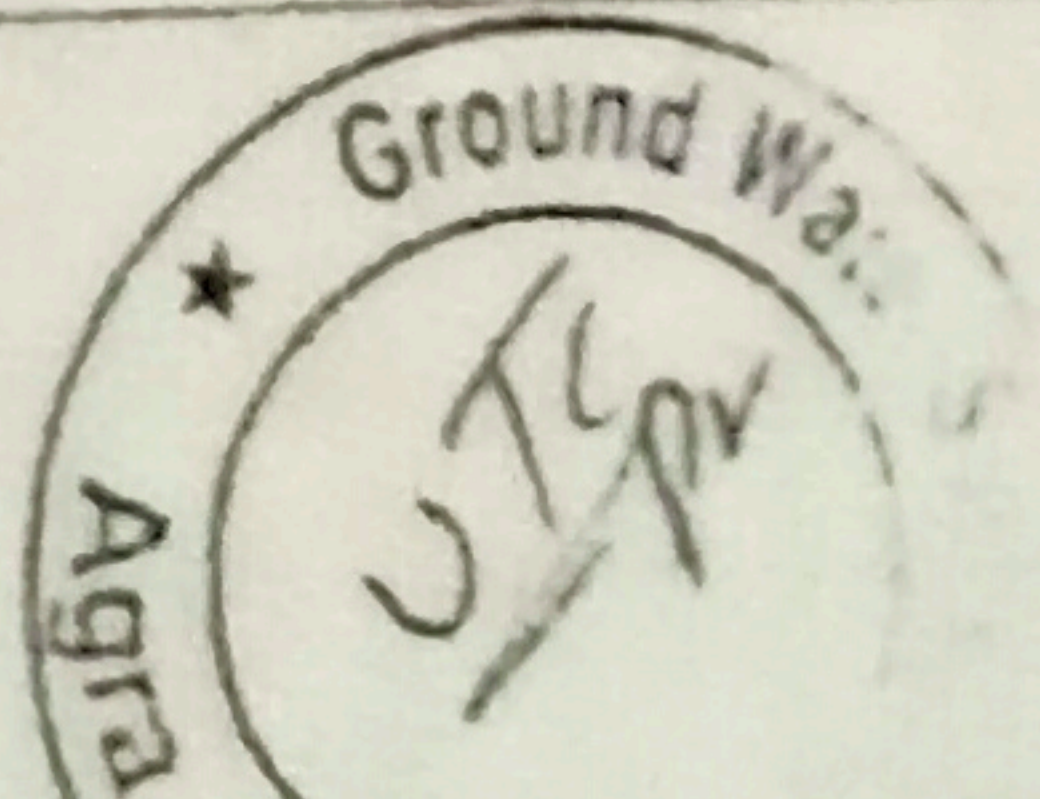
Introduction :

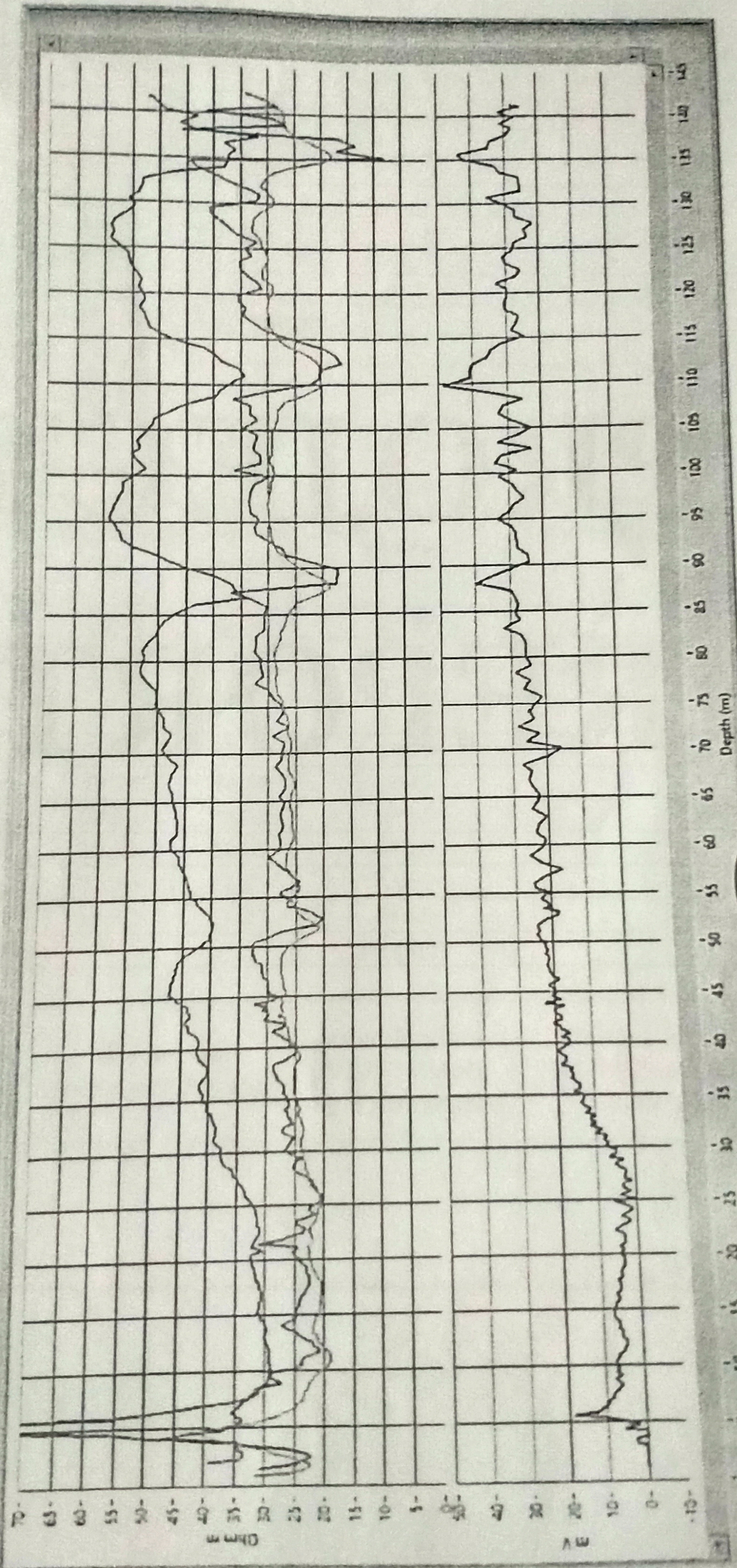
A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 mtrs. at above site. Was drilled by M/s NKG Infrastructure Limited, Delhi.

On the request of M/s NKG Infrastructure Limited, Delhi. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08.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:-

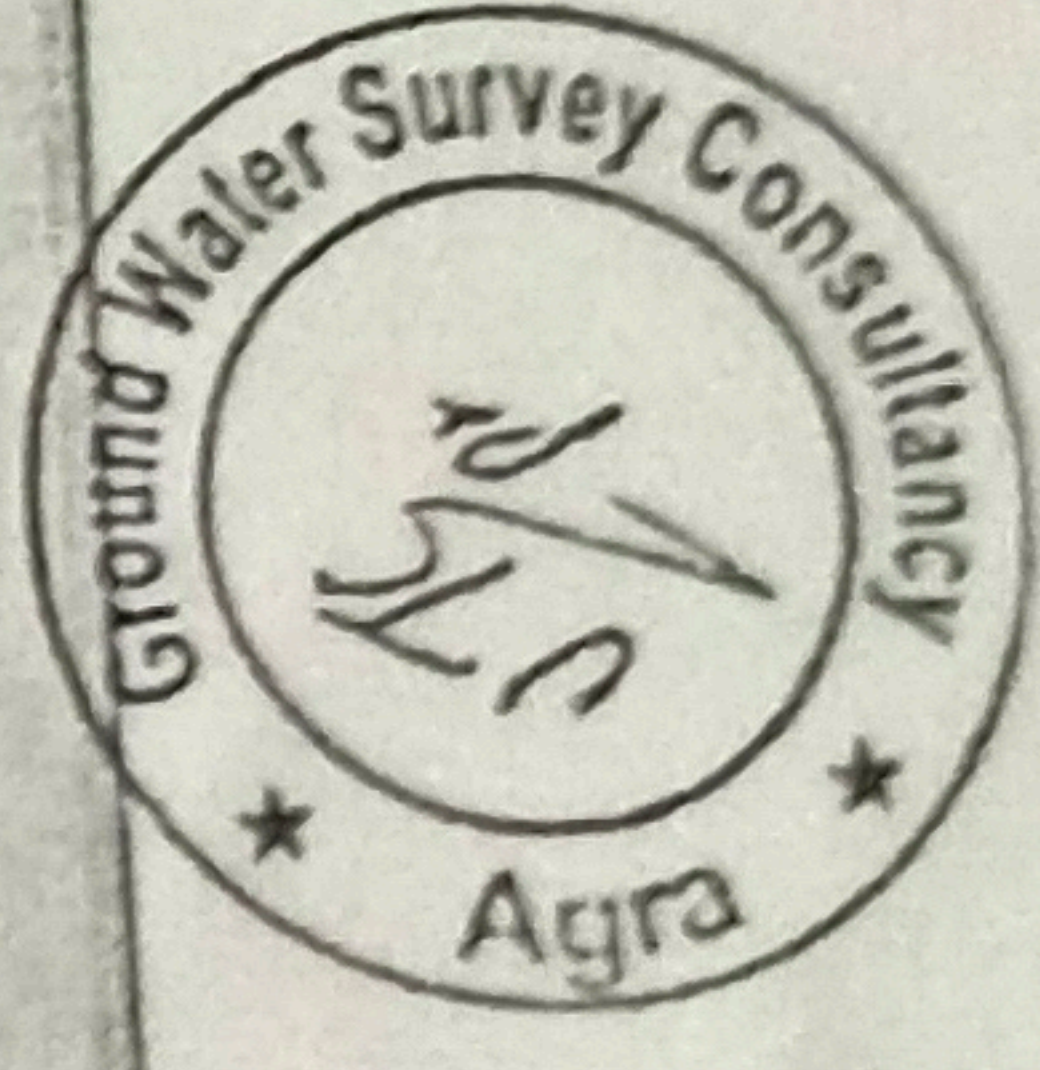
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 27	22	Clay	
3.	27 - 40	13	Fine to Medium sand	Medium
4.	40 - 50*	10	Medium sand	Medium
5.	50 - 55	5	Clay kankar	
6.	55 - 85*	30	Medium sand	Medium
7.	85 - 90	5	Clay kankar	
8.	90 - 108*	18	Medium sand	Medium
9.	108 - 115	7	Clay kankar	
10.	115 - 133*	18	Medium sand	Medium
11.	133 - 137	4	Clay kankar	
12.	137 - 140*	3	Medium sand	Medium


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