

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 138

Date:- 24-11-2022

NAME OF SITE

GRAM PANCHAYAT- Karimganj

BLOCK- Shahbad

DISTT- Rampur

NAME OF AGENCY

NKG Infrastructure Limited
New Delhi



GROUND WATER SURVEY CONSULTANCY

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

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

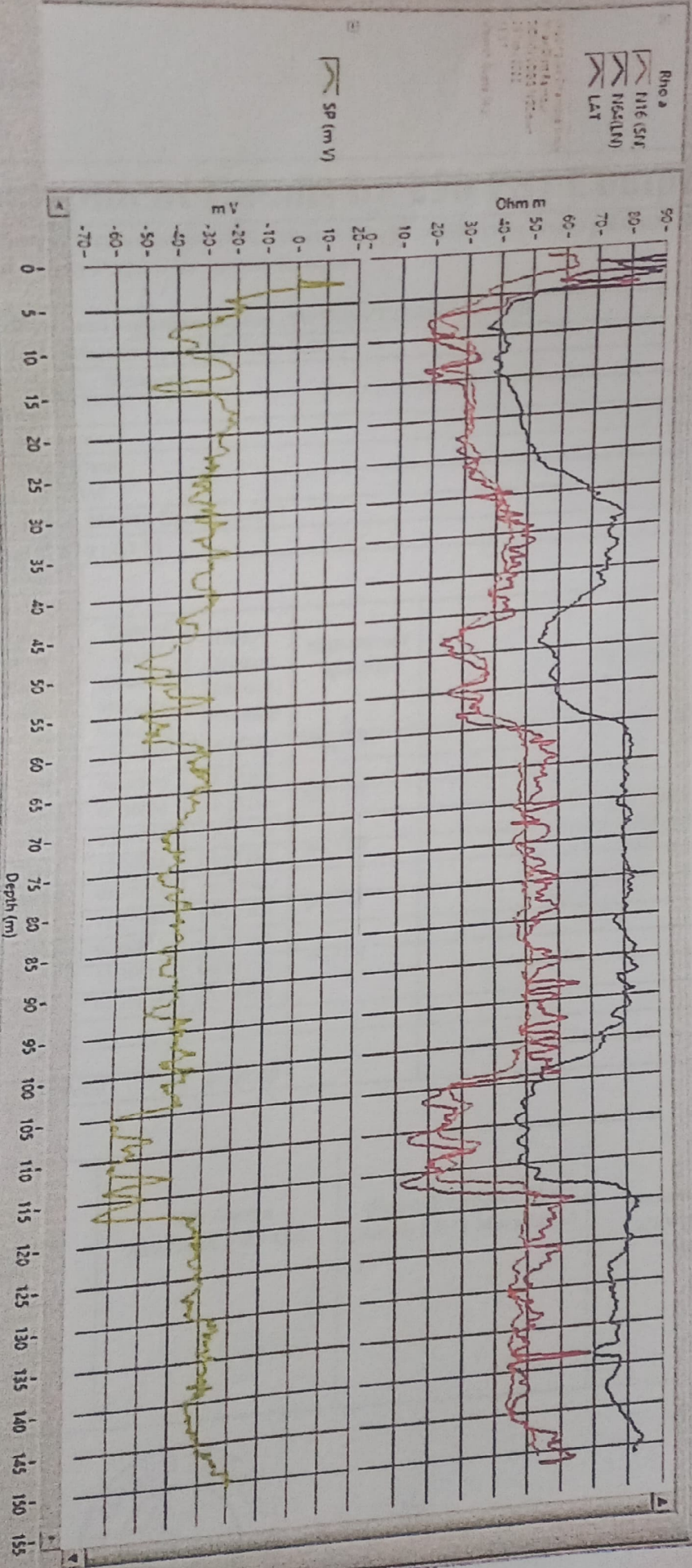
ISO : 9001 : 2015

Ground Water Survey Consultancy



For PUSHPANJAL ENTERPRISES

Y. J. R. E.



2022/12/25 10

Development Details by 250 PSI Compressor

1. Project : Survey Design, Preparation of DPR, Construction, Commissioning, Testing &O&M for 10 Years of Various Rural Water Supply Projects for District Rampur

2. Client : M/s State Water and sanitation mission (SWSM) UTTER PARDESH

3. Contractor : M/s NKG Infrastructure Ltd., New Delhi

4. Name of Gram Panchayat : Dhamora

5. Name of Block : Milak

6. Name of District : Rampur

7. Size of Tubewell : 300x200mm

8. Depth of Tubewell :139.33M

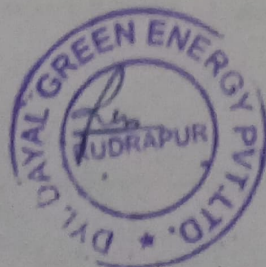
9. Development of Tubewell 350 PSI Compressor

10. Static Water Level (SWL) : 6.1 M

Date	Starting	11.12.2022				
	Ending	15.12.2022				
Sr. No.	Date	Time of start (Hours: Minutes: Seconds)	Time of stop (Hours: Minutes: Seconds)	Hours (Hours: Minutes: Seconds)	Signature of operator	Remark
1	11.12.2022	09:00 AM	12:30PM	03:30 Hrs	<i>[Signature]</i>	
2		02:30PM	06:00PM	03:30 Hrs		
3	12.12.2022	09:00 AM	01:30PM	04:30 Hrs	<i>[Signature]</i>	
4		03:00PM	06:30PM	03:30 Hrs		
5	13.12.2022	08:00AM	12:00PM	04:00 Hrs	<i>[Signature]</i>	
6		02:00PM	06:30PM	04:30Hrs		
7	14.12.2022	08:00AM	12:30PM	04:30 Hrs	<i>[Signature]</i>	
8		02:00PM	06:00PM	04:00 Hrs		
9	15.12.2022	08:00AM	12:30PM	04:30 Hrs	<i>[Signature]</i>	
10		01:00PM	04:30PM	03:30 Hrs		
11						
12						
Total				40:00:00		

Remark :

M/S DYL Dayal Green Energy Pvt Ltd	M/S Aarvee Associates T.P.I Unit	Junior Engineer UPJN (Rural) E&M Moradabad	Assistant Engineer UPJN (Rural) E&M Moradabad
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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KARIMGANJ, BLOCK- SHAHBAD, DISTT- RAMPUR
UNDER
JAL JIVAN MISSION

Introduction :

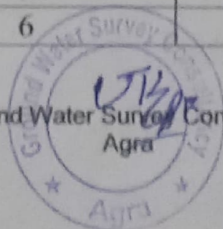
A Deep bore hole was drilled 140 mtrs. depth and logged depth 140 mtrs. at above site was drilled by NKG Infrastructure Limited, New Delhi.

On the request of NKG Infrastructure Limited, New Delhi. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 24.Nov.2022.

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 - 11	6	Dry sand	
3.	11 - 32	21	Clay kankar	
4.	32 - 54*	22	Medium sand & kankar	Good
5.	54 - 60	6	Clay kankar	
6.	60 - 69*	9	Medium sand	Good
7.	69 - 72	3	Clay kankar	
8.	72 - 81*	9	Medium sand	Good
9.	81 - 86	5	Clay kankar	
10.	86 - 96*	10	Medium sand	Good
11.	96 - 100	4	Clay kankar	
12.	100 - 112*	12	Medium sand	Good
13.	112 - 118	6	Clay kankar	
14.	118 - 120	2	Sandy Clay	
15.	120 - 125	5	Clay kankar	
16.	125 - 134*	9	Fine to medium sand	Good
17.	134 - 140	6	Sandy Clay	

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24/11/22

Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible Development of tubewell.
3. The Quality of water is expected Good.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.

Geophysicist



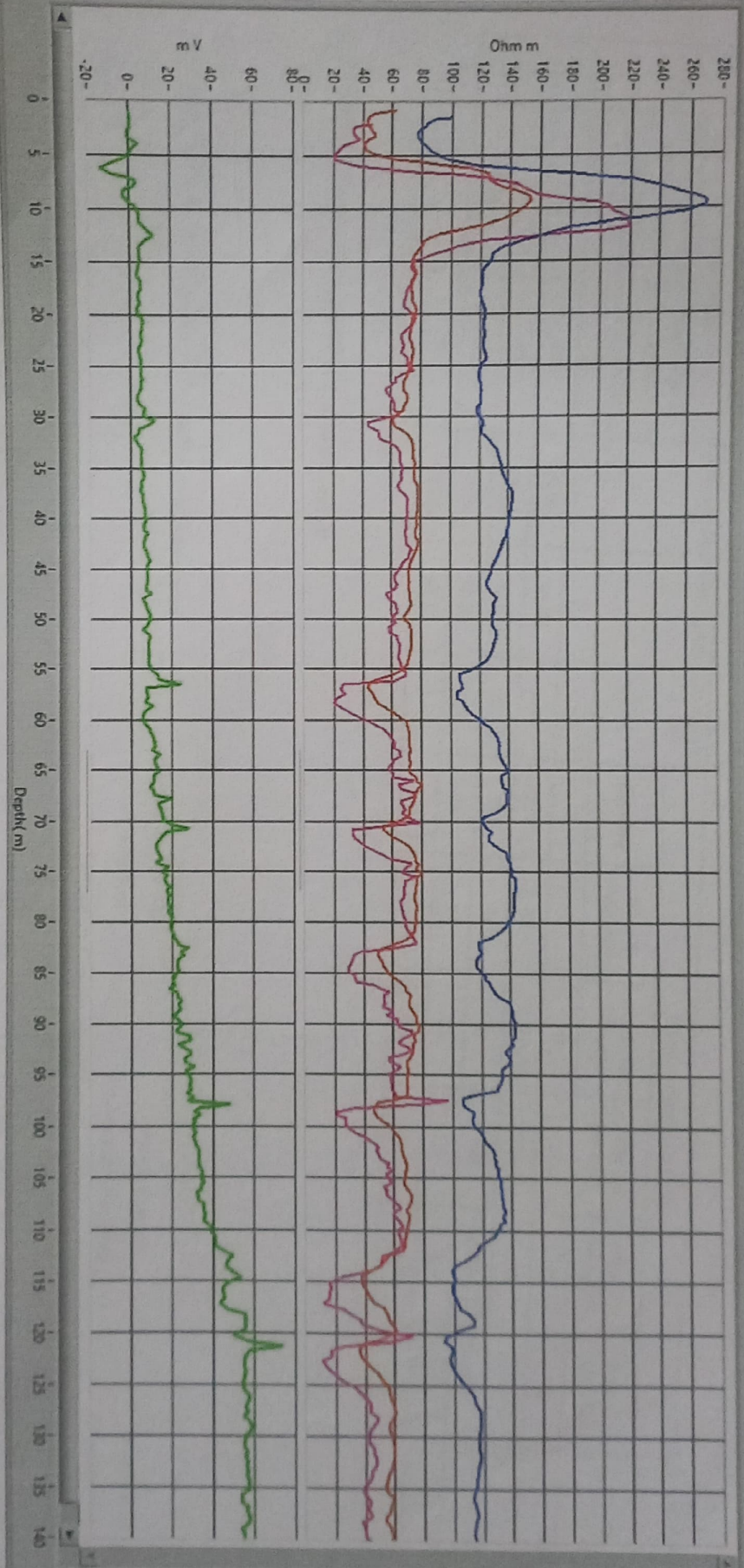
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Yash BEE

Rho s
 N 16(SN)
 N 64 (LN)
 LAT

Location
 1000 mg Vt Semarang
 Blok: Satrio 1 East
 Perumahan
 1000 mg
 DOKUMEN/No
 Date :
 Time :
 10:38
 Operator
 (Haryo Gunu 15)
 No. Data



FOR PUSHPANJALI ENTERPRISES

2000
 15/12