

**TAX INVOICE/BILL****GROUND WATER SURVEY CONSULTANCY  
(GEOPHYSICISTS, GEOLOGISTS, & TUBEWELL ENGINEERS)**

112, Shri Nagar Colony, Near Mandi Samiti, Firozabad Road, Agra - 282006

Office-Telephone/Fax No. 9412260823, 9761163000, 9794625420

Bill No. 114

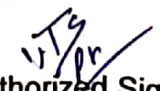
Date: 03/05/2022

To,  
Rajdhani Private Limited  
Plot No. 143,  
Prakash Industrial, Estate,  
Sahibabad, Ghaziabad,  
Ghaziabad, (U.P.)- 201001  
GST NO - 09AAKCR0773L1ZU

S.No.	Particulars	HSN/SAC	Quantity	Rate	Amount
1	Geophysical Electrical Well Logging Charges As Follows :-  Report Ref No. 161 Gram Panchayat - Papshara Block - Joya Distt - Amroha on dated - 30.04.2022	9954	1 Job	10000.00	10000.00
				<b>Total</b>	<b>10000.00</b>
				<b>C.G.S.T. @ 9%</b>	<b>900.00</b>
				<b>S.G.S.T. @ 9%</b>	<b>900.00</b>
				<b>Total</b>	<b>11800.00</b>
<b>(RS. ELEVEN THOUSAND EIGHT HUNDRED ONLY)</b>					

E&amp;OE

Subject to Agra Jurisdiction only

  
 Authorized Signatory

# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 161

Date:- 30-04-2022

### NAME OF SITE

GRAM PANCHAYAT- Papshara      BLOCK- Joya      DISTT- Amroha

### NAME OF AGENCY

M/s PNC-SPML-JV

Moradabad

22, CAMAC STREET, BLOCK-A, 3<sup>rd</sup> FLOOR, KOLKATA-700016



## GROUND WATER SURVEY CONSULTANCY

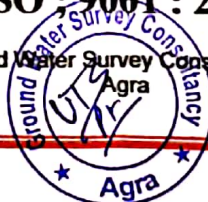
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PAPSHARA, BLOCK- JOYA, DISTT- AMROHA  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 135 mtrs. depth. and Logged depth 135 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Moradabad.

On the request of Mr. Pankaj Sinha, Sr. Projects Managar. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 30.04.2022.

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 - 22	17	Fine sand	
3.	22 - 35	13	Clay kankar	
4.	35 - 45	10	Fine sand	Good
5.	45 - 48	3	Clay kankar	
6.	48 - 66*	18	Medium sand & Kankar	Good
7.	66 - 70	4	Clay kankar	
8.	70 - 76*	6	Medium sand	Good
9.	76 - 80	4	Clay kankar	
10.	80 - 106*	26	Medium sand	Good
11.	106 - 115	9	Sandy clay	
12.	115 - 135	20	Clay kankar	

Ground Water Survey Consultancy



**Conclusions and Recommendations :-**

1. The Lithology broadly tallies with that of drill cutting starta 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. Expected discharge is 1000 to 1100 L.P.M.
5. 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.
6. 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**

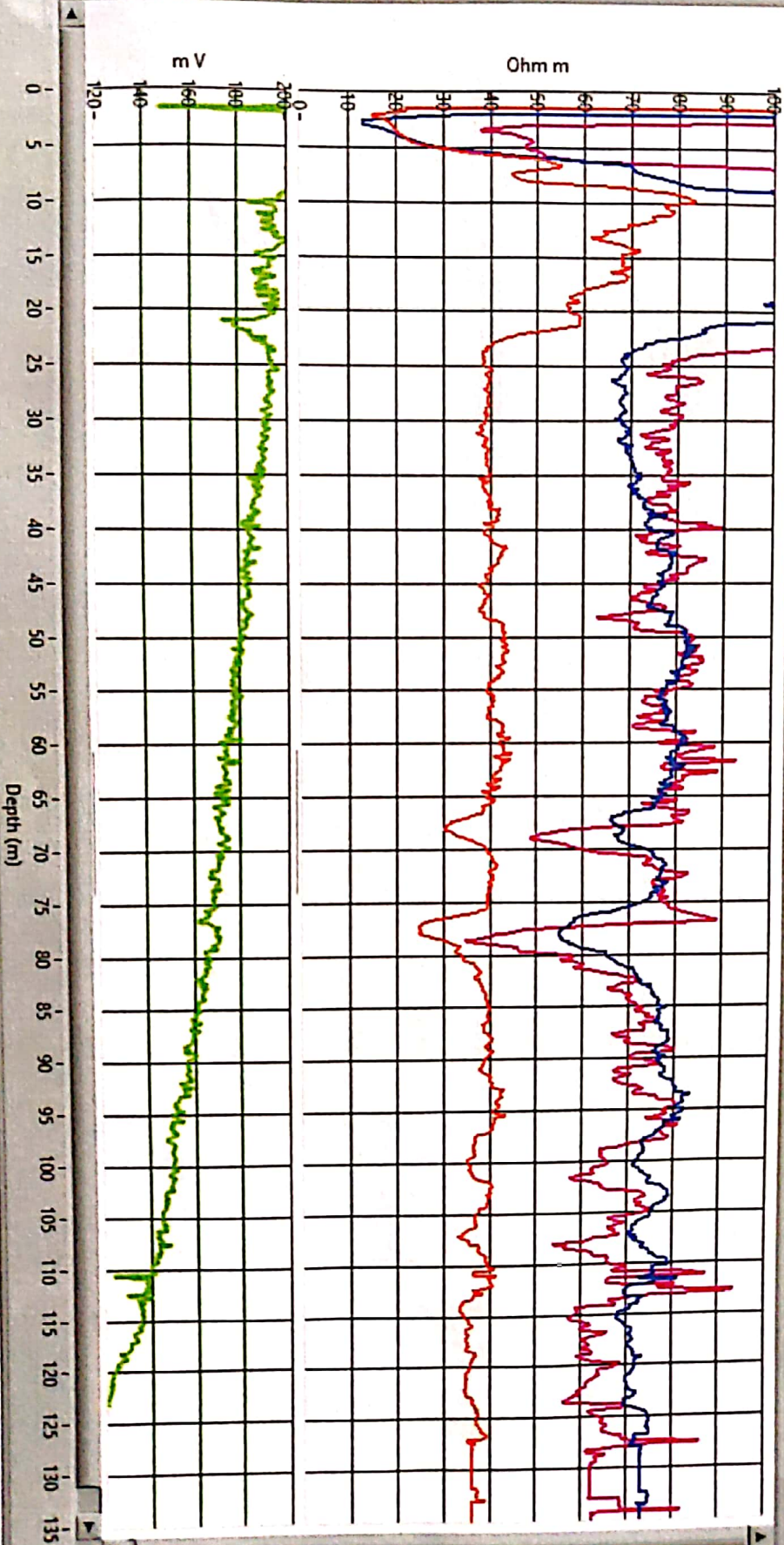


**Ground Water Survey Consultancy**

Logging VI Papshara  
Block: Jyoti Distt  
Amroha  
LOGGINGDOWN  
30 Apr 2022  
21:42  
Utkarsh Gupta (G)

Rho a  
N16 (SN)  
N64(LN)  
LAT

SP (m V)



**WELL LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART**

FOR

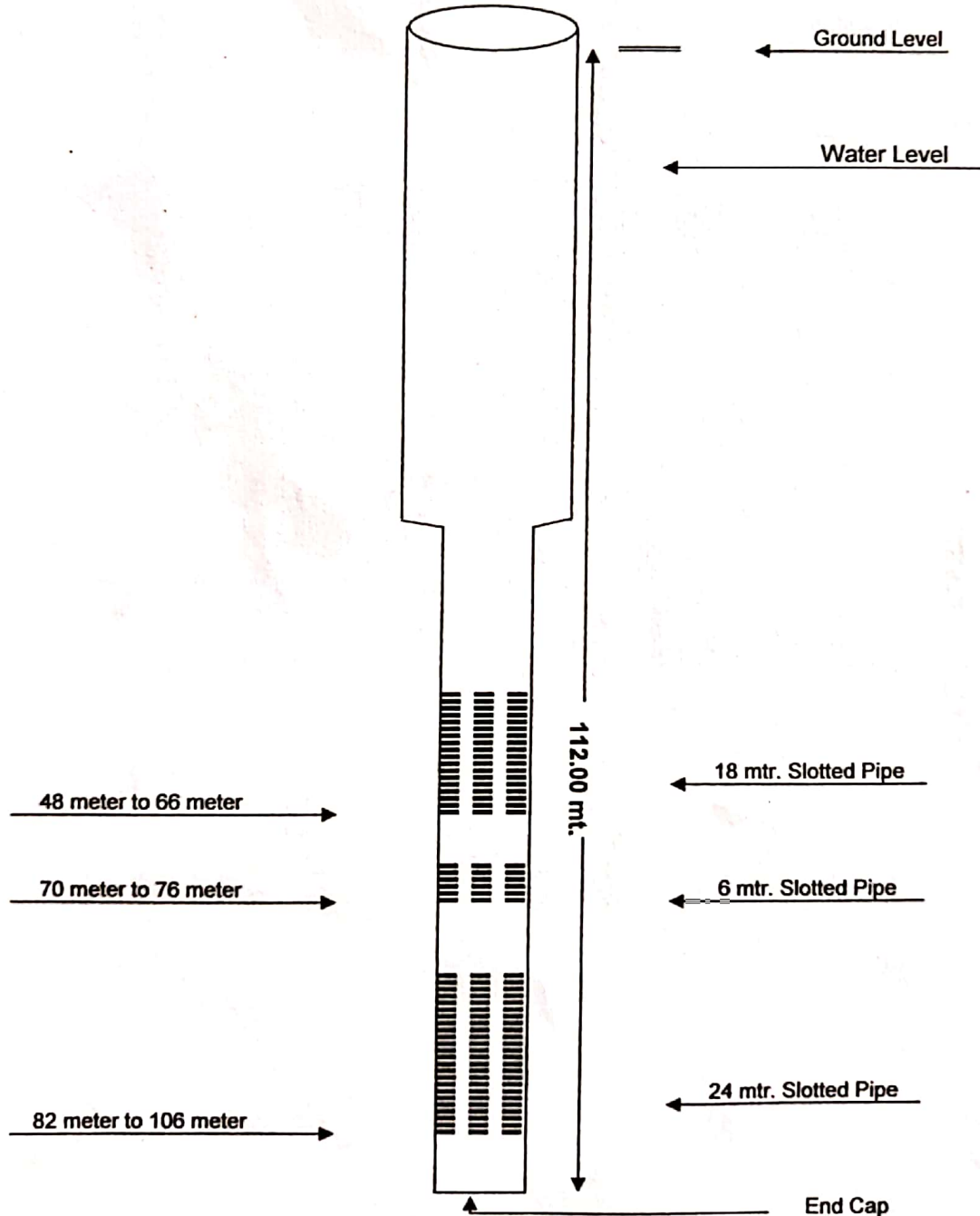
**M/s PNC-SPML-JV, Moradabad**

22, CAMAC STREET, BLOCK-A, 3rd FLOOR, KOLKATA-700016

AT SITE

Gram Panchayat - Papshara, Block - Joya, Distt.- Amroha

Boring dia - **300X150mm.**  
Type of Boring - **Stainer**  
Depth of Loring - **112 Mtr.**  
Water Level - **12 Mtr.**



**RECOMMENDED CHART**

Ground Water Survey Consultancy

