

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. 436

Date: 27/07/2022

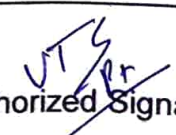
To,
Rajdhani Private Limited
Plot No. 143,
Prakash Industrial, Estate,
Sahibabad, Ghaziabad,
Ghaziabad, (U.P.)- 201001
GST NO - 09AAKCR0773L1ZU

S.No.	Particulars	HSN/SAC	Quantity	Rate	Amount
1	Geophysical Electrical Well Logging Charges As Follows :- Report Ref No. 523 Gram Panchayat - Sehailiya Block - Hasanpur Distt - Amroha on dated - 15.07.2022	9954	1 Job	10000.00	10000.00
				Total	10000.00
				C.G.S.T. @ 9%	900.00
				S.G.S.T. @ 9%	900.00
				Total	11800.00

(RS. ELEVEN THOUSAND EIGHT HUNDRED ONLY)

E&OE

Subject to Agra Jurisdiction only


 Authorized Signatory

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 523

Date:- 15-07-2022

NAME OF SITE

GRAM PANCHAYAT- Sehailiya

BLOCK- Hasanpur

DISTT- Amroha

NAME OF AGENCY

M/s PNC-SPML-JV

Moradabad

22, CAMAC STREET, BLOCK-A, 3rd 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- SEHAILIYA, BLOCK- HASANPUR, DISTT- AMROHA
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 128 mtrs. depth. and Logged depth 126 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 15.July.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 - 18	13	Dry sand & Kankar	
3.	18 - 35	17	Clay kankar	
4.	35 - 48*	13	Medium sand	Good
5.	48 - 51	3	Clay kankar	
6.	51 - 56*	5	Medium sand	Good
7.	56 - 63	7	Clay kankar	
8.	63 - 71*	8	Medium sand	Good
9.	71 - 93	22	Sandy clay	
10.	93 - 105*	12	Fine to Medium sand	Good
11.	105 - 126	21	Clay kankar	



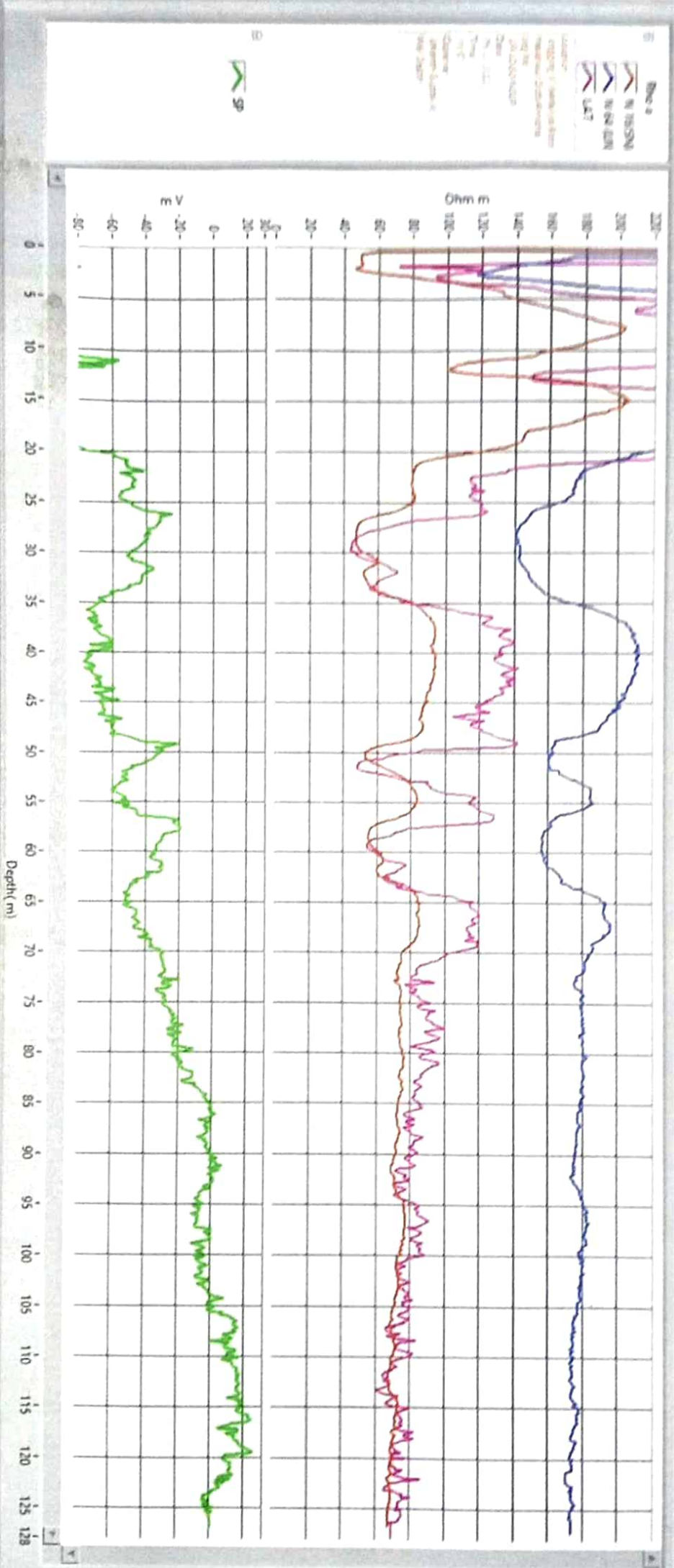
Conclusions and Recommendations :-

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 700 to 800 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



**GROUNDWATER LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART
FOR**

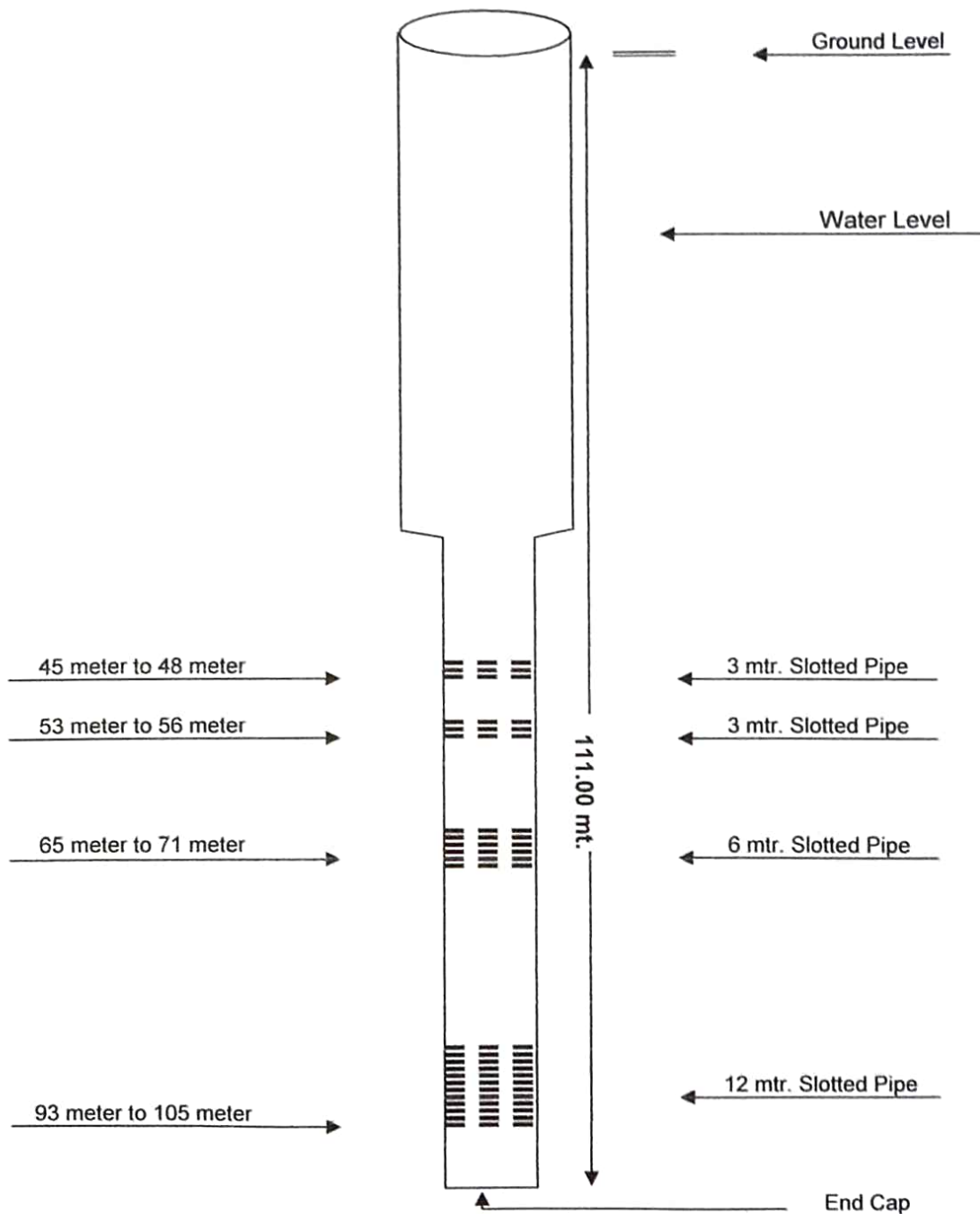
M/s PNC-SPML-JV, Moradabad

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

AT SITE

Gram Panchayat - Sehailiya, Block - Hasanpur, Distt.- Amroha

Boring dia - **200X150mm.**
Type of Boring - **Stainer**
Depth of Boring - **111 Mtr.**
Water Level - **18 Mtr.**



RECOMMENDED CHART

Ground Water Survey Consultancy



GST NO - 09AEOPG8965L2ZJ

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. 437

Date: 27/07/2022

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. 544 Gram Panchayat - Daya Wali Khalsa Block - Hasanpur Distt - Amroha on dated - 21.07.2022	9954	1 Job	10000.00	10000.00
				Total	10000.00
				C.G.S.T. @ 9%	900.00
				S.G.S.T. @ 9%	900.00
				Total	11800.00

(RS. ELEVEN THOUSAND EIGHT HUNDRED ONLY)

E&OE

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Authorized Signatory

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 544

Date:- 21-07-2022

NAME OF SITE

GRAM PANCHAYAT- Daya Wali Khalsa
DISTT- Amroha

BLOCK- Hasanpur

NAME OF AGENCY

M/s PNC-SPML-JV
Moradabad
22, CAMAC STREAT, BLOCK-A, 3rd FLOOR, KOLKATA-700016



GROUND WATER SURVEY CONSULTANCY

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

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

ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DAYA WALI KHALSA, BLOCK- HASANPUR
DISTT- AMROHA
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 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 21.July.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 - 21	16	Fine to Medium sand	Good
3.	21 - 27	6	Clay kankar	
4.	27 - 33	6	Medium sand	Good
5.	33 - 42	9	Clay kankar	
6.	42 - 63*	21	Medium sand	Good
7.	63 - 76	13	Clay kankar	
8.	76 - 84*	8	Medium sand	Good
9.	84 - 90	6	Clay kankar	
10.	90 - 112*	22	Medium sand	Good
11.	112 - 120	8	Clay kankar	



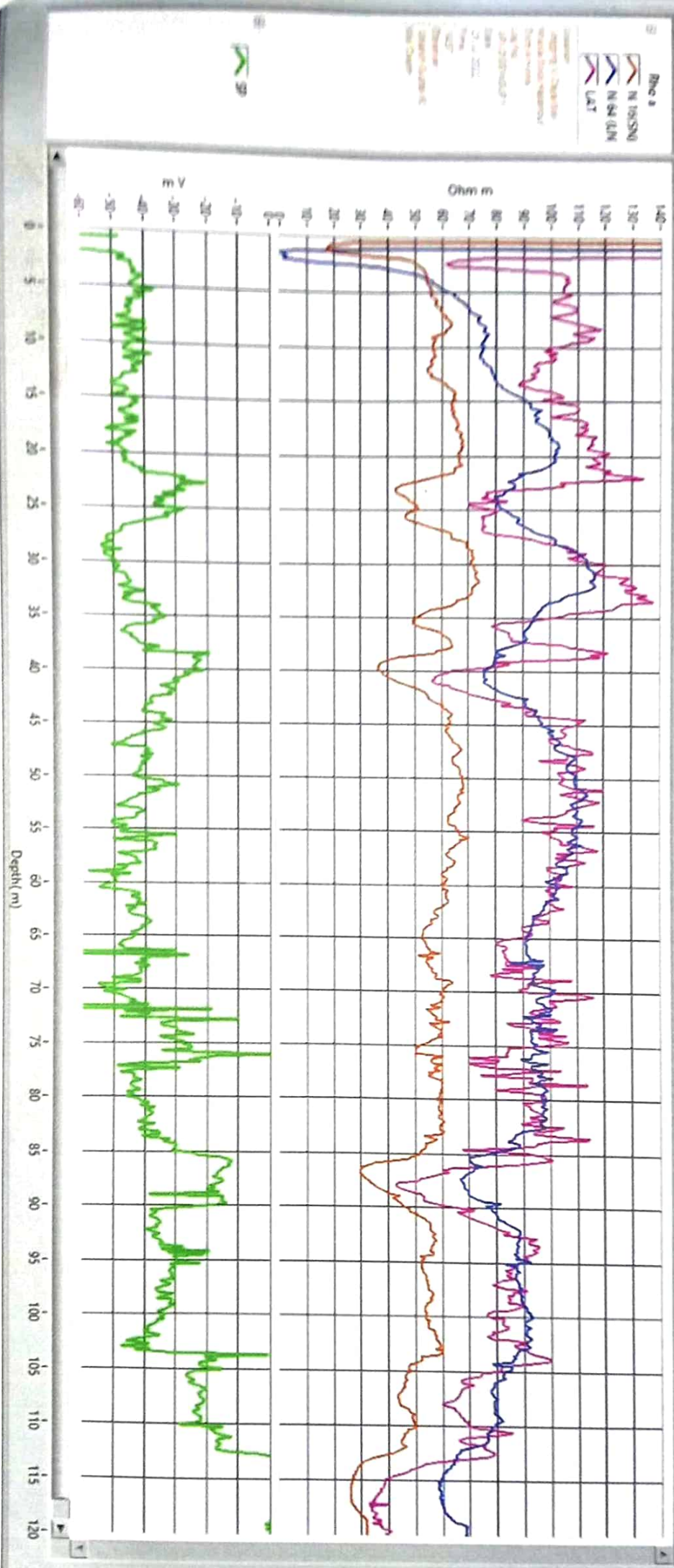
Conclusions and Recommendations :-

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 900 to 1000 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



WELL LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART
FOR

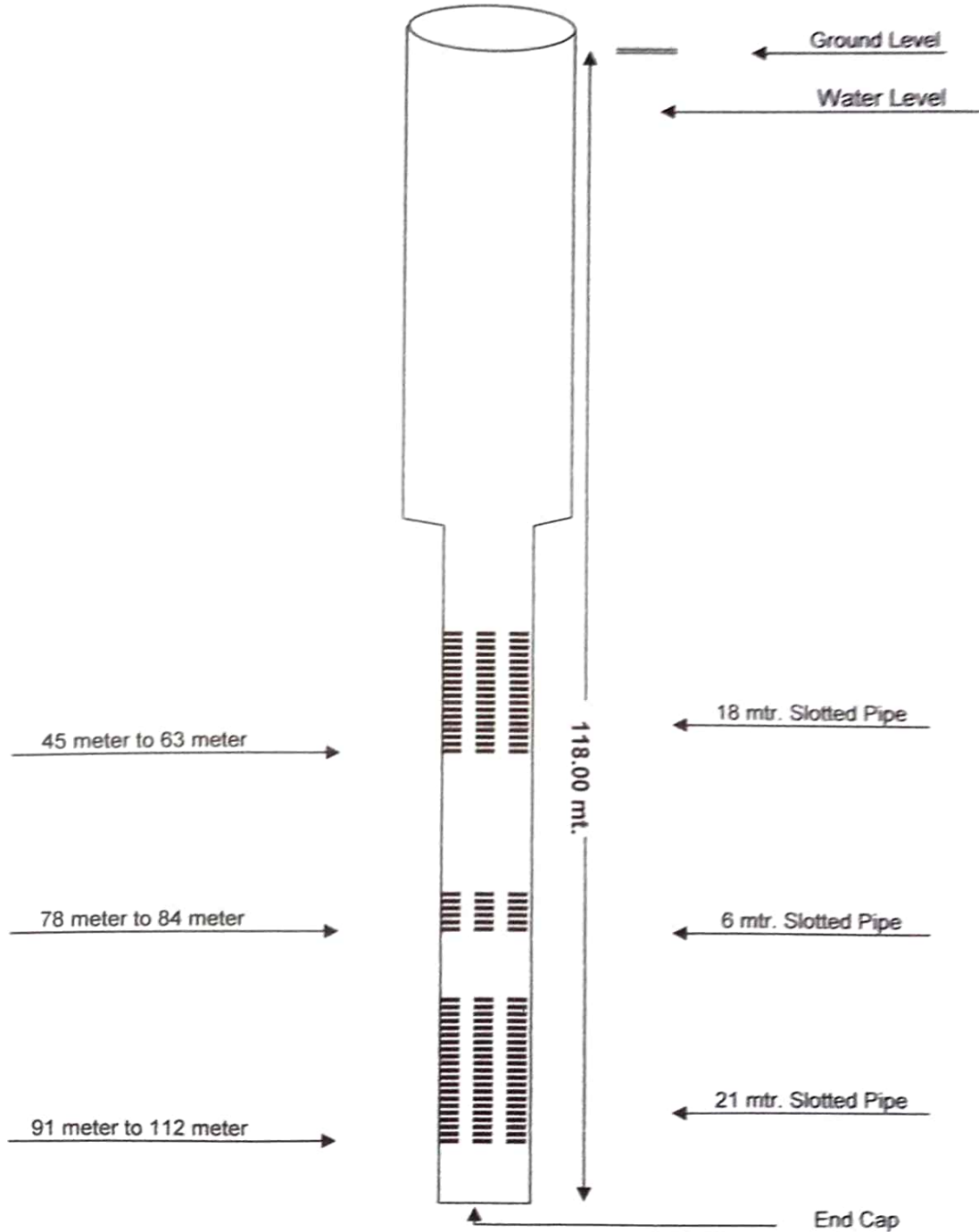
M/s PNC-SPML-JV, Moradabad

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

AT SITE

Gram Panchayat - Daya Wali Khalsa, Block - Hasanpur, Distt.- Amroha

Boring dia - 200X150mm.
Type of Boring - Stainer
Depth of Loring - 118 Mtr.
Water Level - 6 Mtr.



RECOMMENDED CHART

Ground Water Survey Consultancy



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. 438

Date: 27/07/2022

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. 565 Gram Panchayat - Shahpur Dasar Block - Ashmoli Distt - Amroha on dated - 26.07.2022	9954	1 Job	10000.00	10000.00
				Total	10000.00
				C.G.S.T. @ 9%	900.00
				S.G.S.T. @ 9%	900.00
				Total	11800.00

(RS. ELEVEN THOUSAND EIGHT HUNDRED ONLY)

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VT/er
Authorized Signatory

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 565

Date:- 26-07-2022

NAME OF SITE

GRAM PANCHAYAT- Shahpur Dasar BLOCK- Ashmoli DISTT- Amroha

NAME OF AGENCY

M/s PNC-SPML-JV
Moradabad
22, CAMAC STREET, BLOCK-A, 3rd FLOOR, KOLKATA-700016



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

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ISO ; 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SHAHPUR DASAR, BLOCK- ASHMOLI
DISTT- AMROHA

UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 100 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 26.July.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 - 10	5	Clay	
3.	10 - 17	7	Dry sand	
4.	17 - 25	8	Clay kankar	
5.	25 - 32	7	Fine sand	Good
6.	32 - 35	3	Sandy clay	
7.	35 - 57	22	Fine to Medium sand	Good
8.	57 - 63	6	Clay kankar	
9.	63 - 68*	5	Fine to Medium sand	Good
10.	68 - 72	4	Sandy clay	
11.	72 - 85	13	Fine sand	Good
12.	85 - 87	2	Sandy clay	
13.	87 - 97*	10	Fine to Medium sand	Good
14.	97 - 110	13	Clay kankar	



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 300 to 400 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.

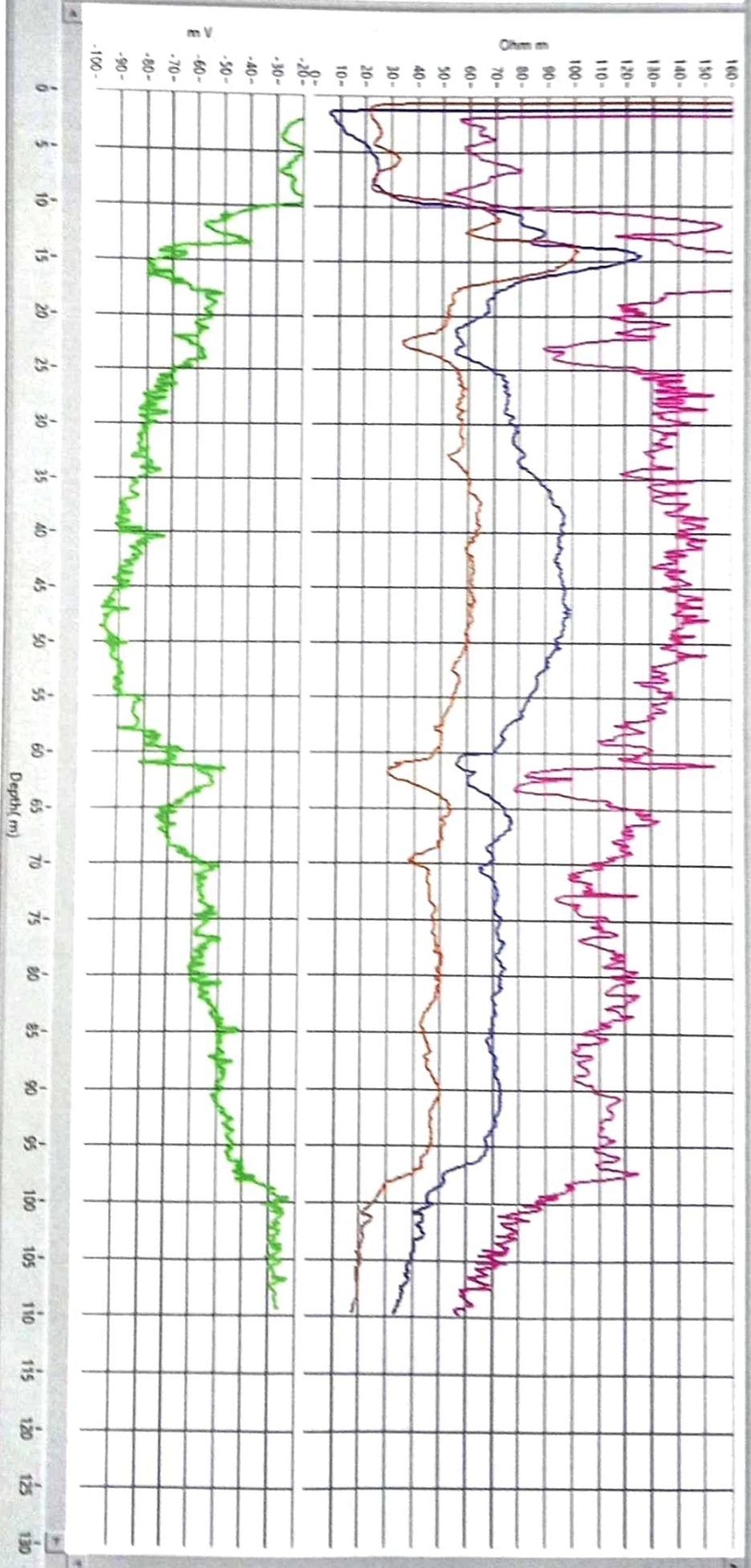
Geophysicist



Ground Water Survey Consultancy

Rhe a
 N 163(SN)
 N 64 (IN)
 LAT

Station: 1497
 Date: 28/01/2011
 Operator: M. S. Prasad
 Instrument: SPECTRA
 Model: 1000



**STANDARD WELL LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART
FOR**

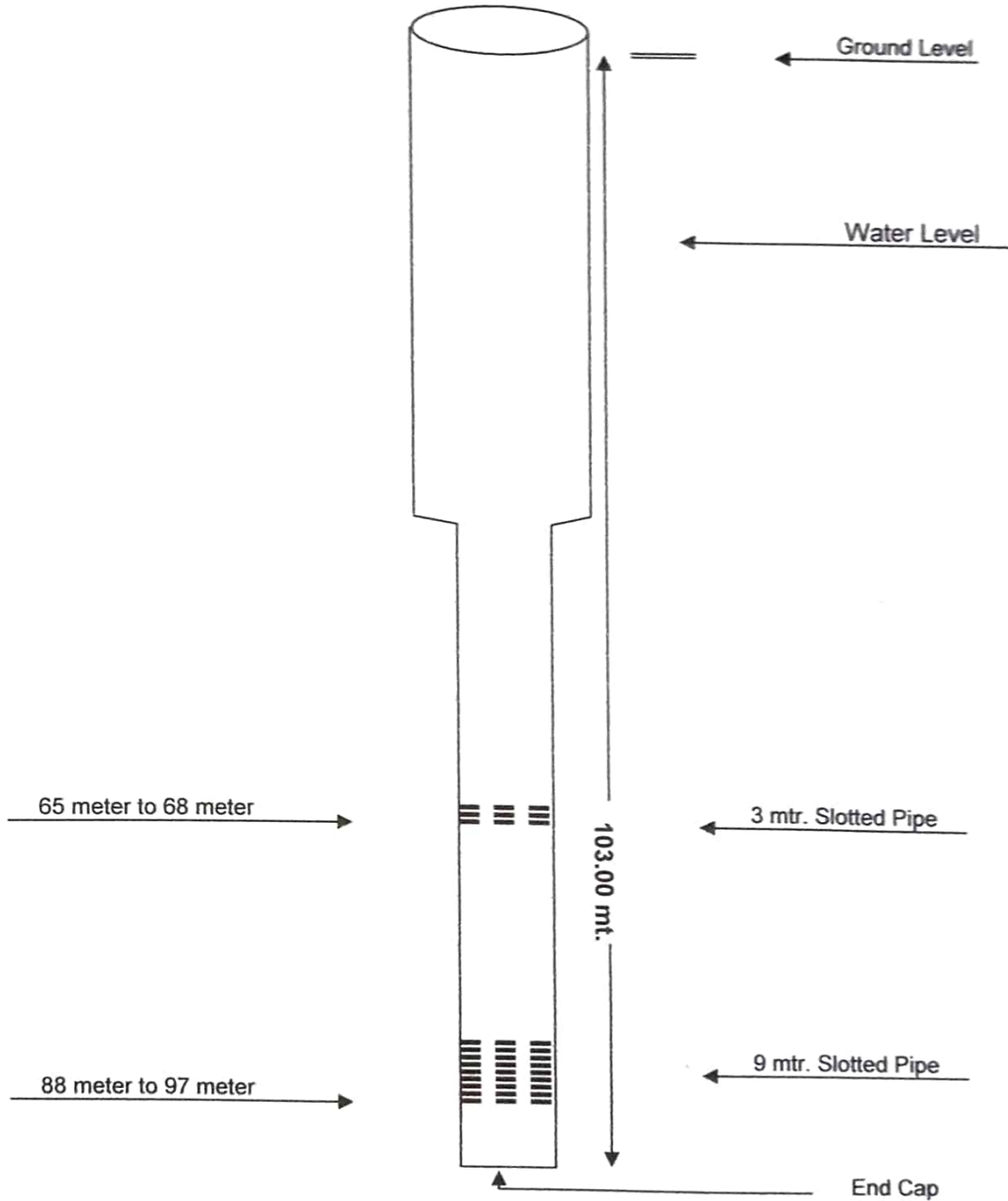
M/s PNC-SPML-JV, Moradabad

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

AT SITE

Gram Panchayat - Shahpur Dasar, Block - Ashmoli, Distt. - Amroha

Boring dia - **200X150mm.**
Type of Boring - **Stainer**
Depth of Boring - **103 Mtr.**
Water Level - **17 Mtr.**



RECOMMENDED CHART

Ground Water Survey Consultancy

