

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. 67

Date: 25/04/2022

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 in Drilled bore hole including Transportation by Vehicle Charges As Follows :- Report Ref No. 114 Gram Panchayat - Chamar Fatehi Block - Hasanpur Distt - Amroha on dated - 22.04.2022	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

U.K. Pr
Authorized Signatory

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(GEOPHYSICISTS, GEOLOGISTS, & TUBEWELL ENGINEERS)****112, Shri Nagar Colony, Near Mandi Samiti, Firozabad Road, Agra - 282006
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GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

RefNo:- 114

Date:- 22-04-2022

NAME OF SITE

GRAM PANCHAYAT- Chamar Fatehi 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

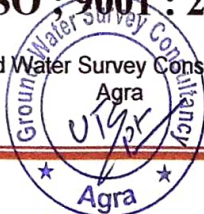
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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- CHAMAR FATEHI, 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 22.04.2022.

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 - 18	13	Dry sand	
3.	18 - 30	12	Clay kankar	
4.	30 - 38	8	Fine to Medium sand	Good
5.	38 - 60	22	Clay kankar	
6.	60 - 70*	10	Medium sand	Good
7.	70 - 75	5	Clay kankar	
8.	75 - 87*	12	Medium sand	Good
9.	87 - 99	12	Clay kankar	
10.	99 - 112*	13	Medium sand	Good
11.	112 - 120	8	Clay kankar	

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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 800 to 900 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



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WELL LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART
FOR

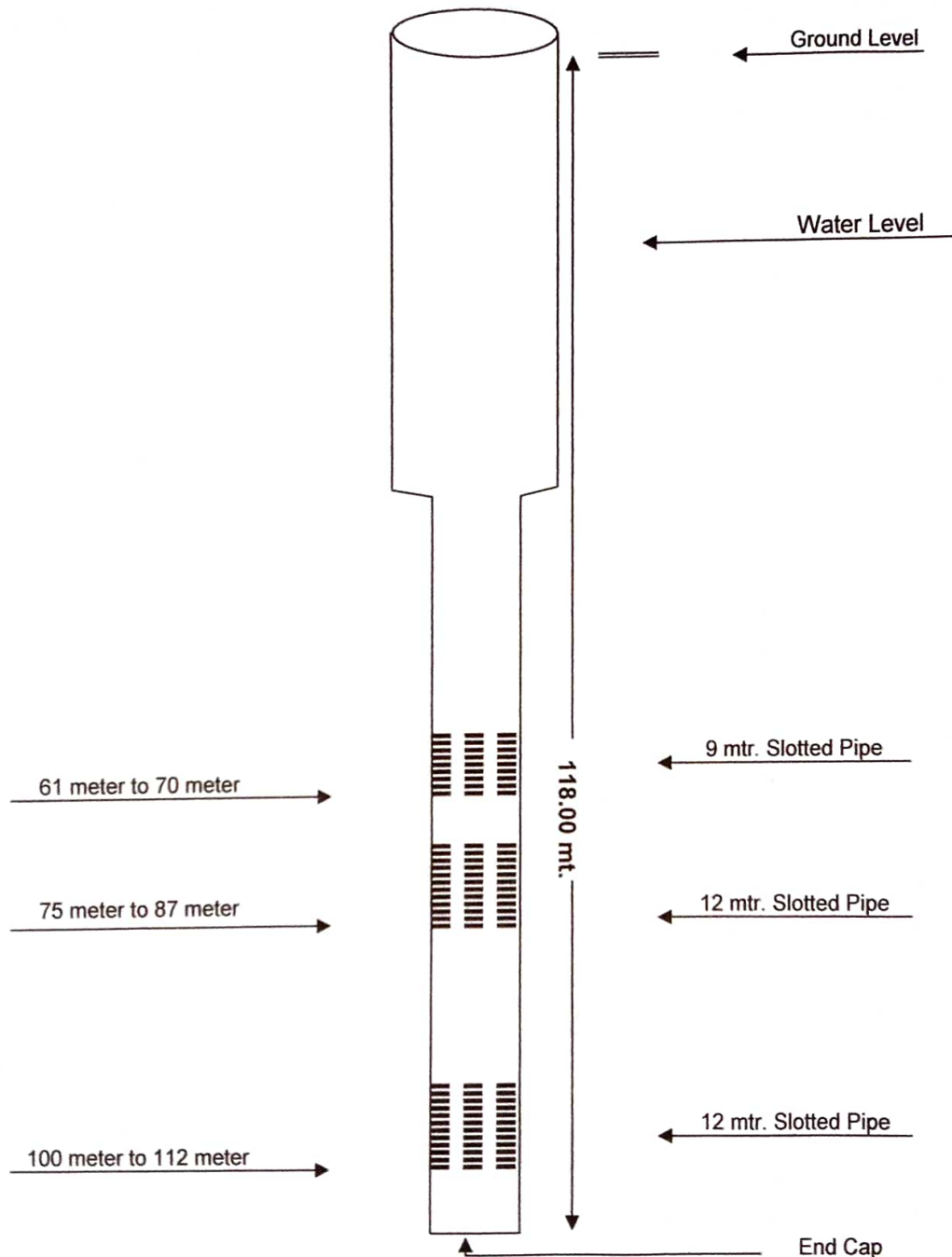
M/s PNC-SPML-JV, Moradabad

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

AT SITE

Gram Panchayat - Chamar Fatehi, Block - Hasanpur, Distt.- Amroha

Boring dia - **200X150mm.**
Type of Boring - **Stainer**
Depth of Loring - **118 Mtr.**
Water Level - **18 Mtr.**



RECOMMENDED CHART

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Agra



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. 66

Date: 25/04/2022

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 in Drilled bore hole including Transportation by Vehicle Charges As Follows :- Report Ref No. 107 Gram Panchayat - Kumarya Block - Amroha Distt - Amroha on dated - 19.04.2022	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

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GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 107

Date:- 19-04-2022

NAME OF SITE

GRAM PANCHAYAT- Kumarya BLOCK- Amroha 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- KUMARYA, BLOCK- AMROHA, DISTT- AMROHA
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 122 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 19.04.2022.

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 - 10	5	Clay kankar	
3.	10 - 17	7	Dry sand	
4.	17 - 25	8	Clay kankar	
5.	25 - 46	21	Fine to Medium sand	Good
6.	46 - 62	16	Sandy clay	
7.	62 - 75*	13	Medium sand	Good
8.	75 - 80	5	Clay kankar	
9.	80 - 95*	15	Fine to Medium sand	Good
10.	95 - 100	5	Clay	
11.	100 - 115*	15	Medium sand & Kankar	Good
12.	115 - 120	5	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



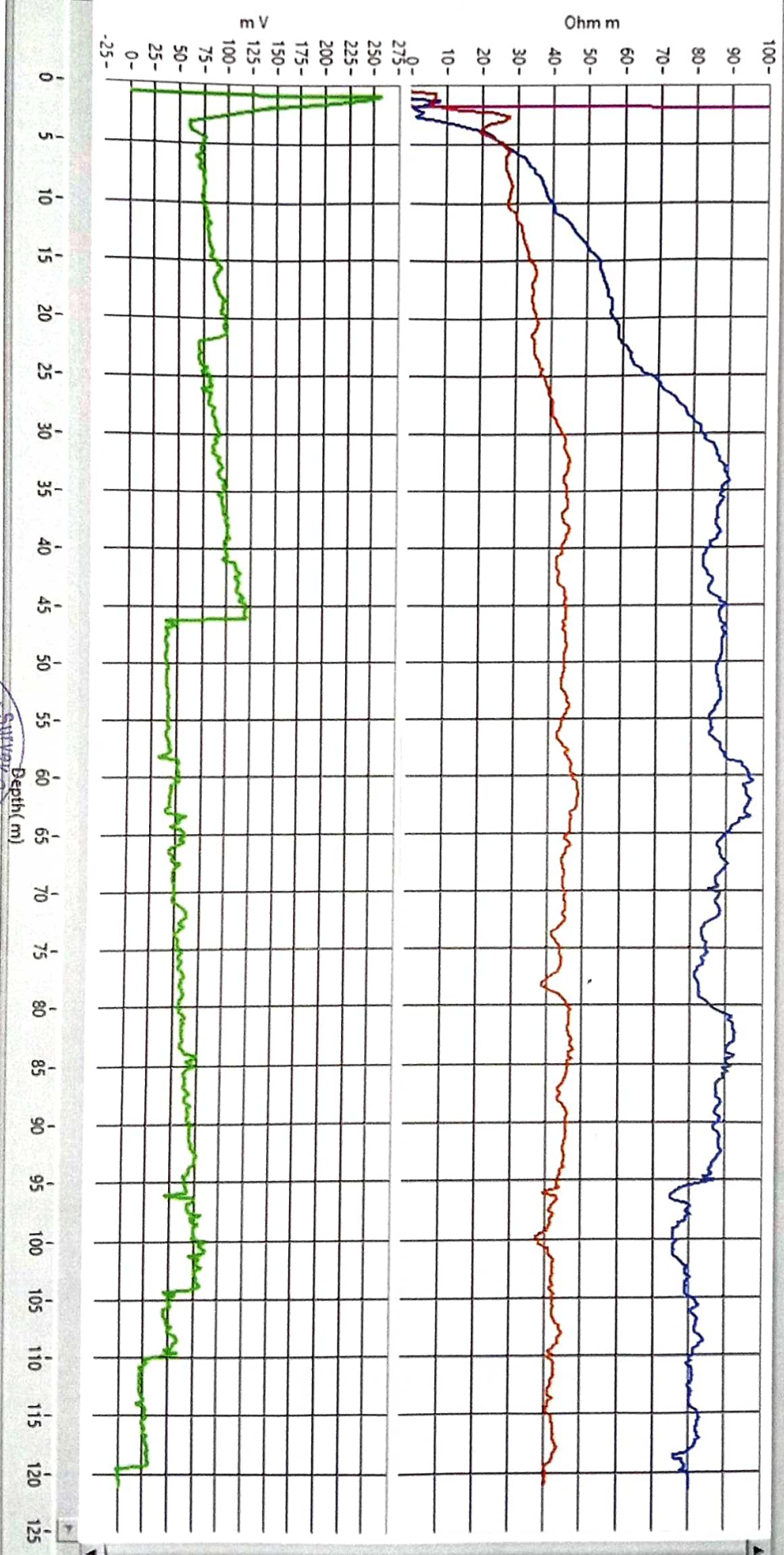
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Rho a

- ▾ N 16(S/N)
- ▾ N 64 (LN)
- ▾ LAT

LOCATION:
 Logging V. Kumarya Bock
 Amroha Dist Amroha
 Log No:
 UP LOGGNGUP
 Date: 19 Apr 2022
 Time: 10:15
 Operator:
 Unnati Gupta (AG)
 We Depth:

SP



TRIC WELL LOGGING TUBEWELL BORING ASSEMBLY RECOMMENDED CHART
FOR

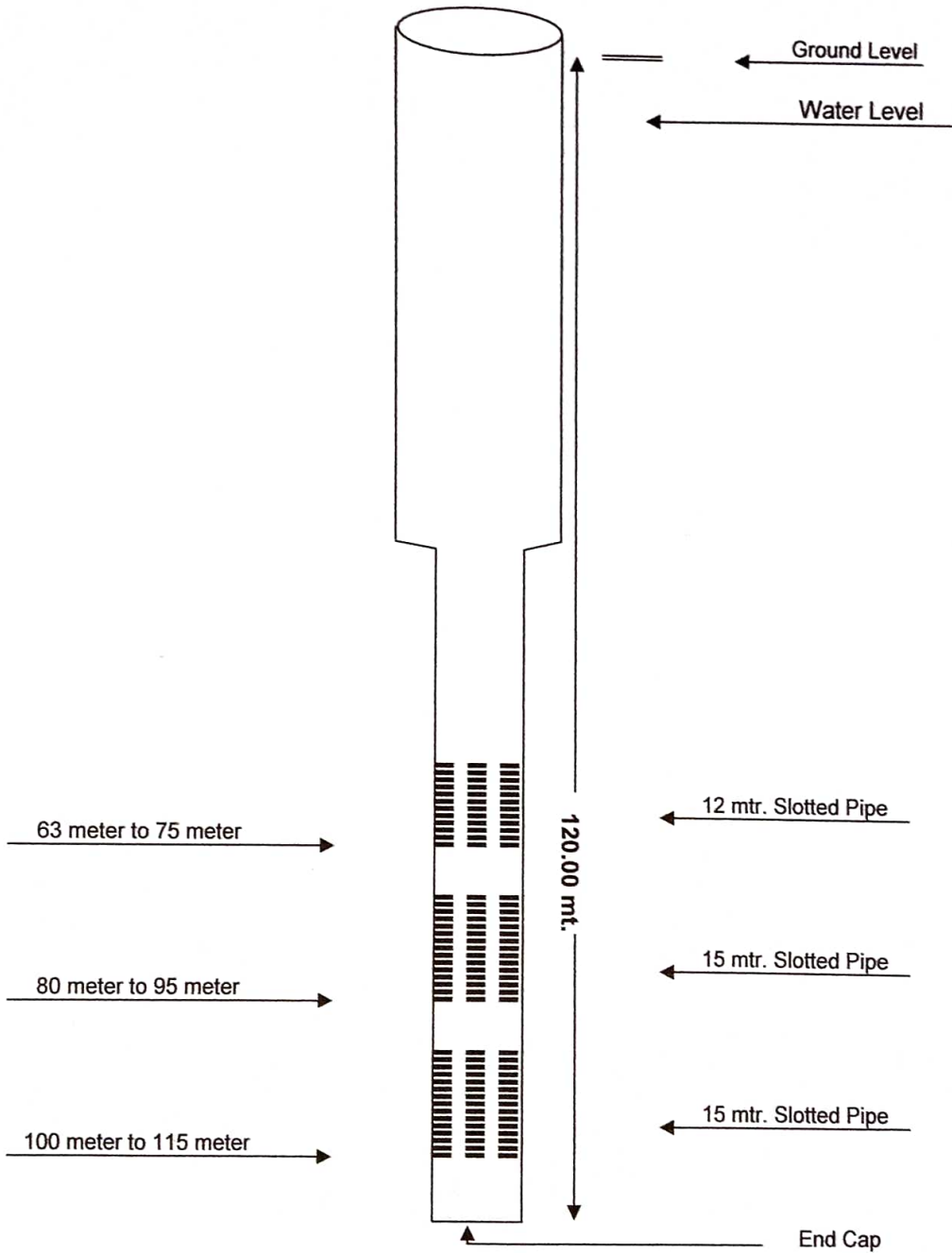
M/s PNC-SPML-JV, Moradabad

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

AT SITE

Gram Panchayat - Kumarya, Block - Amroha, Distt. - Amroha

Boring dia - 200X150mm.
Type of Boring - Stainer
Depth of Loring - 120 Mtr.
Water Level - 6 Mtr.



RECOMMENDED CHART

Ground Water Survey Consultancy

