

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Date:- 30-10-2023

Ref No:-A-2066

NAME OF SITE

GRAM PANCHAYAT- Livan BLOCK- Usawan DISTT- Badaun

NAME OF AGENCY

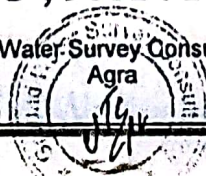
M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY
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- LIVAN, BLOCK- USAWAN, DISTT- BADAUN
UNDER
JAL JIVAN MISSION

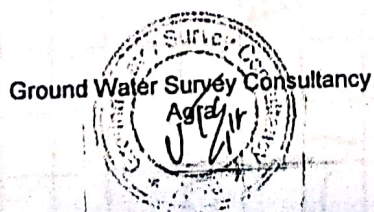
Introduction :

A Deep bore hole was drilled 145 mtrs. depth. and Logged depth 140 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 30 Oct. 2023.

Logging Parameters - 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 - 7	2	Dry sand	
3.	7 - 19	12	Clay kankar	
4.	19 - 25	6	Medium sand	Medium
5.	25 - 45	20	Clay kankar	
6.	45 - 55*	10	Medium sand	Medium
7.	55 - 58	3	Clay kankar	
8.	58 - 66*	8	Medium sand	Medium
9.	66 - 80	14	Clay kankar	
10.	80 - 88*	8	Fine to Medium sand	Medium
11.	88 - 102	14	Clay kankar	
12.	102 - 121*	19	Medium sand	Medium
13.	121 - 125	4	Clay kankar	
14.	125 - 130*	5	Medium sand	Medium
15.	130 - 140	10	Clay kankar	



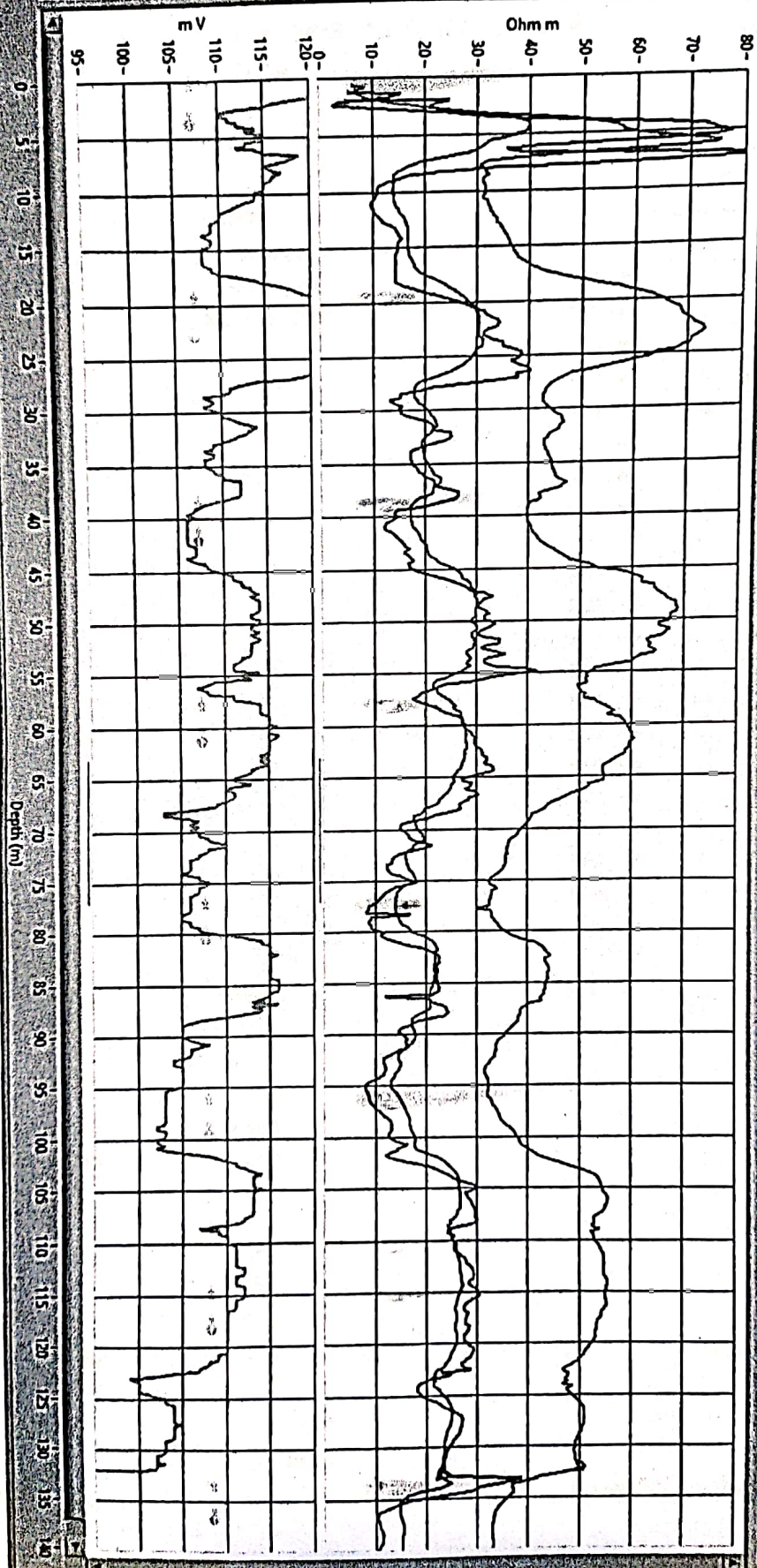
Rho a
NIG GSV
NSQUN
LAT

Logging Details
Logging Co: Viret Ecot
User: R. D. N. L. S. S.
IP: 100.0.0.0
30 Oct 2013
22:17
User: R. D. N. L. S. S.

Log: S1 Rec
LOG/S01/21-22

Log: S1 Rec
SP (m V)

GROUND WATER
SURVEY
CONSULTANCY
AGRA, UP, India



Jal Jeevan Mission

GP - Lilvan , Block -Usawan District - Budaun

AGENCY : M/S PNC SPML JV AGRA

Tubewell Assembly Chart

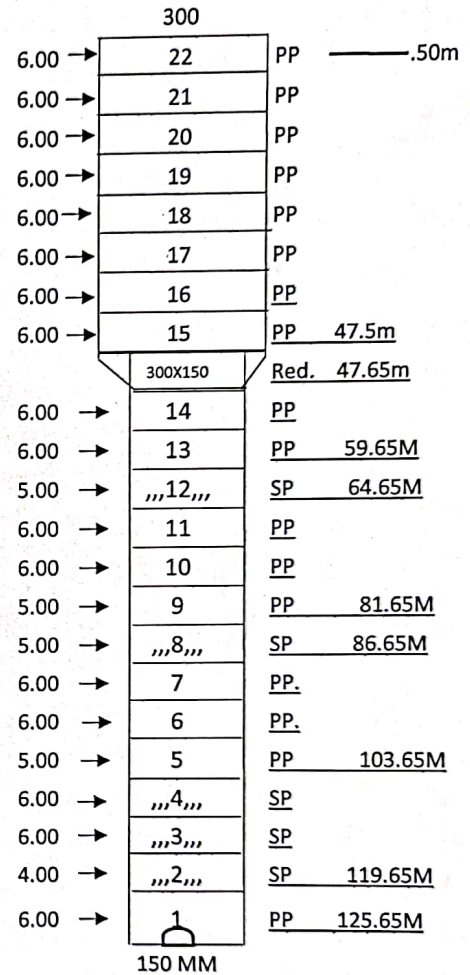


Date -31-10-2023

Discharge -850 LPM

S.No.	In Meter	STRATA
1	58 Mtr. - 66 Mtr.	Medium Sand
2	80 Mtr. - 88 Mtr.	Medium Sand
3	102 Mtr. - 121 Mtr.	Medium Sand

600mm
Drilling and lowering



1	Reduce 300X150mm	0.15m
2	AGL	0.50m
3	BGL	125.65
4	Total assembly lower	126.15
5	300 mm Plain MS Pipe	48.00M
6	150 mm Plain MS Pipe	52.00M
7	150 mm slotted Pipe	26.00M
8	600 dia Drilling Depth	50m
9	450 dia Drilling Depth	90m
10	Drilling Depth	140M
11	Drilling logged	140M

450mm



Jain/Ch
M/s BLG Construction Pvt. Ltd.
TPIA

[Signature] *[Signature]*
JE AE EE

(E&M) U P JAL NIGAM (RURAL)MORADABAD