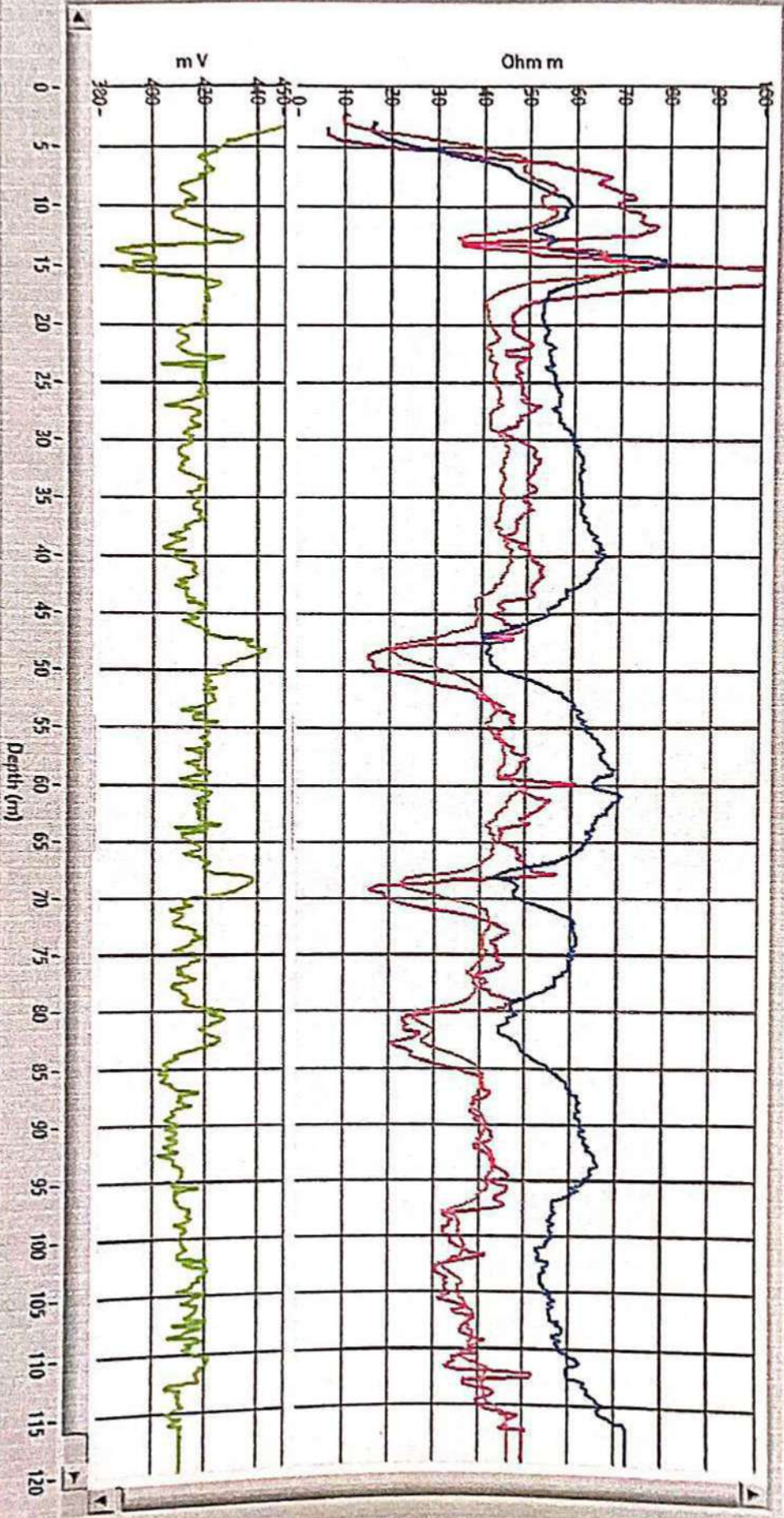


Rho a
 N16 (SN)
 N64(LN)
 LAT

Logging VI
 Pamansandpur Block
 Bilsaut Distt Budsun
 LOGGIRIGUP
 17 Nov 2022
 13:04
 Ull arsh Gupta (G)

SP (mV)



Paxamanandpur G.P w/s Scheme Under IJM Programme
Block- Arabpur Distt- Rudaura

DT-17/11/2022

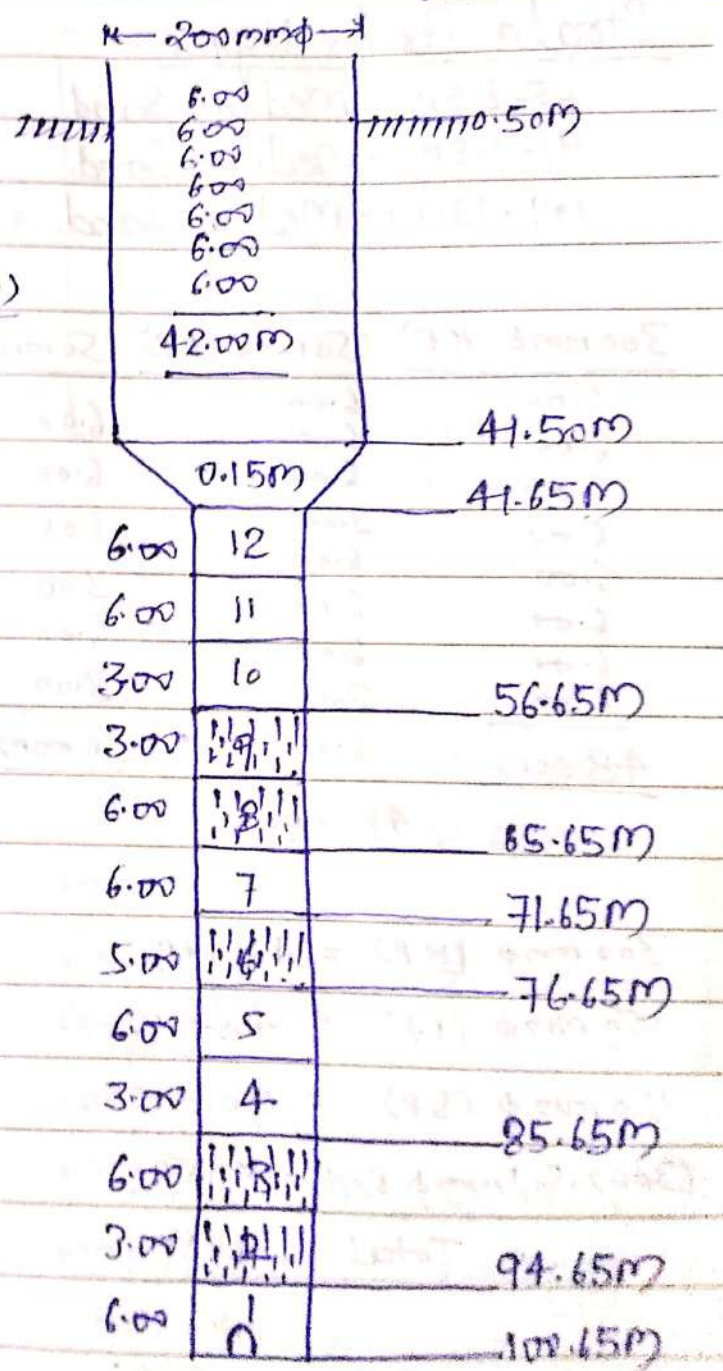
D - 120m (500x500)mmφ
 L - 110m (200x150)mmφ

Discharge - 550 LPM
 36m Head to H.P

Station As for Logger -

- 51-67m - Medium Sand
- 70-78m - Medium Sand
- 84-96m - Medium Sand

200mmφ (H.P)	150mmφ (P.P)	150mmφ (S.P)
6.00	6.00	3.00
6.00	6.00	6.00
6.00	3.00	5.00
6.00	6.00	6.00
6.00	6.00	3.00
6.00	3.00	
6.00	6.00	
<u>42.00m</u>	<u>36.00m</u>	<u>23.00m</u>



200mmφ (H.P) = 42.00m
 150mmφ (P.P) = 36.00m
 150mmφ (S.P) = 23.00m
 (200x150)mmφ Red = 0.15m
Total = 101.15m

A-B L = 0.50m
 B-B L = 100.65m
Total = 101.15m

H-150mmφ

[Signature]

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 83

Date:- 17-11-2022

NAME OF SITE

Gram Panchayat- Parmanandpur

BLOCK- Bisauli

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



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
Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PARMANANDPUR, BLOCK- BISAULI, DISTT.- BADAUN
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, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 17.Nov.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 - 45	15	Medium sand	
5.	45 - 51	6	Clay kankar	Good
6.	51 - 67*	16	Medium sand	
7.	67 - 70	3	Clay kankar	Good
8.	70 - 78*	8	Medium sand	
9.	78 - 84	6	Clay kankar	Good
10.	84 - 96*	12	Medium sand	
11.	96 - 114	18	Clay kankar	Good
12.	114 - 120	6	Sandy clay	

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. 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

UT 2/20/11

Ground Water-Survey Consultancy