

11 January

Wk-03 011-354 Mon

Ojha G.P w/o Schema Under JIM Programme
Block - Salaspur Distt - Budain

Di - 20/03/23

D - 110m (500x500)mmφ
 L - 100m (200x150)mmφ

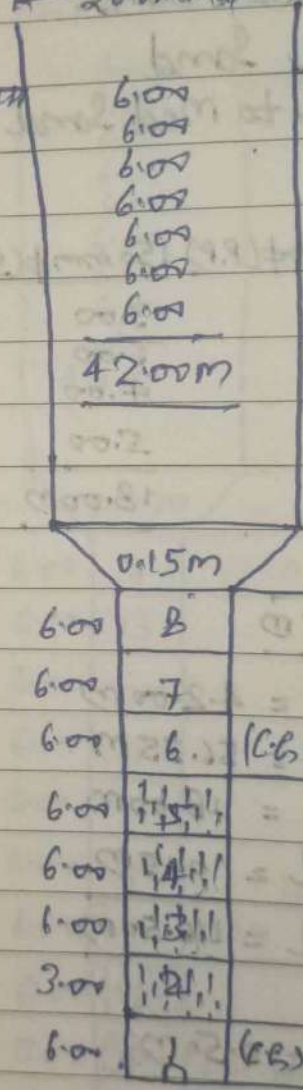
Discharge - 417 LPM
 38m Head 7.5HP

Strata As per Logges -

43 - 83m - Medium Sand
 90 - 100m - Medium Sand

← 200mmφ →

	200mmφ (H.P)	150mmφ (P.P)	150mmφ (S.P)
1	6.00	6.00	6.00
2	6.00	6.00	6.00
3	6.00	6.00	3.00
4	6.00	1	21.00m
5	6.00	24.00m	
6	42.00m		



110m - 50m

46.50m

41.65m

59.65m

80.65m

86.65m

200mmφ (H.P) = 42.00m
 150mmφ (P.P) = 24.00m
 150mmφ (S.P) = 21.00m
 (200x150)mmφ Red = 0.15m
 Total = 87.15m

A.G.L = 0.50m
 B.G.L = 86.65m
 Total = 87.15m

150mmφ →

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-N-1524

Date:- 19-03-2023

NAME OF SITE

GRAM PANCHAYAT- Ojhapur

BLOCK- Salarpur

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- OJHAPUR, BLOCK- SALARPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 110 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 19.Mar.2023.

Logging Para meters - 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 - 21	16	Dry sand	
3.	21 - 28	7	Clay kankar	
4.	28 - 40	12	Medium sand	Med to Good
5.	40 - 43	3	Clay kankar	
6.	43 - 83*	40	Medium sand	Med to Good
7.	83 - 90	7	Clay kankar	
8.	90 - 100*	10	Medium sand	Med to Good
9.	100 - 105	5	Clay kankar	
10.	105 - 110*	5	Medium sand	Med to Good



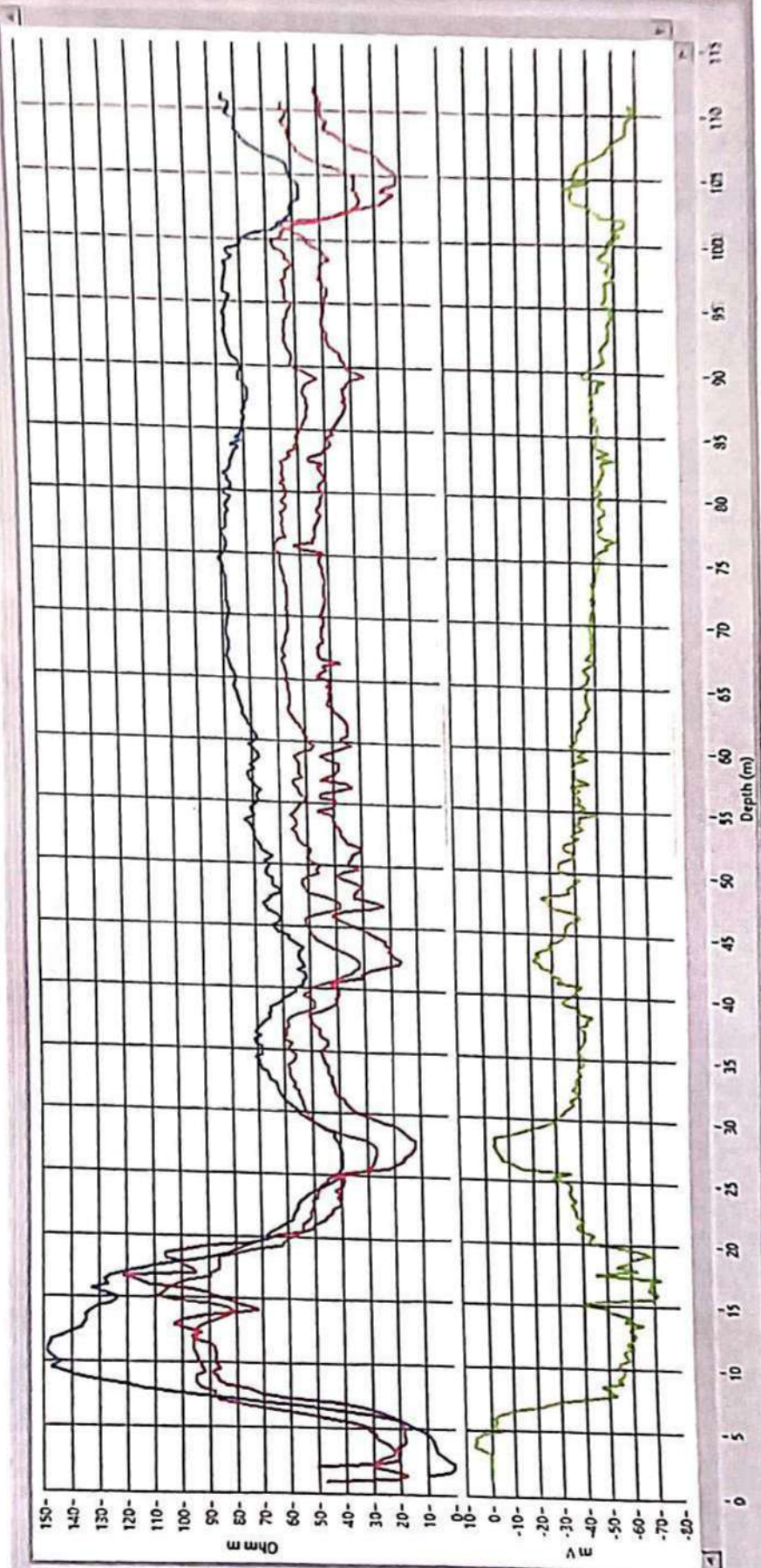
Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Medium to 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



Ground Water Survey Consultancy



Rho a
 NSI(LN)
 LAT

Logging Details:
 1000 m, 1000 m, 1000 m
 1000 m, 1000 m, 1000 m
 1000 m, 1000 m, 1000 m
 1000 m, 1000 m, 1000 m

Logger's No
 IGIS/5/01/10-11

SP (mV)

Logger's Name
 DMPL-2

Logger's Date
 GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA, INDIA

