

Karachi Saidpur G.P. w/s Scheme Under JIM Program  
Block - Mian Distt - Budaur

Dt. 06/11/2022  
Discharge - 400 LPM  
36 M Head 7.5 HP

D - 110M (500 x 500) mm  
L - 100M (200 x 150) mm

Staircase As for Ladder -

61-68M - fine to med. sand  
77-98M - Medium Sand

200 mm φ (H.P.) 150 mm φ (S.P.) 150 mm φ (S.P.)

6.00	4.00
6.00	6.00
6.00	6.00
3.00	6.00
6.00	2.00
6.00	18.00M
6.00	3.00
6.00	6.00
42.00M	42.00M

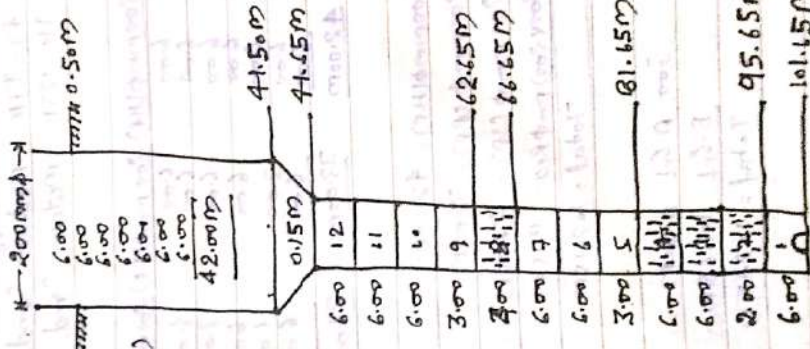
200 mm φ (H.P.) = 42.00M  
 150 mm φ (L.P.P.) = 42.00M  
 150 mm φ (S.P.) = 18.00M  
 (200 x 150) mm φ Red = 0.15M

Total = 102.15M

A.B.L = 0.50M

B.B.L = 101.65M

Total = 102.15M



101.65M

Signature



GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:- 05

Date:- 05-11-2022

NAME OF SITE

Gram Panchayat- Karauri Saidpur    BLOCK- Mion    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- KARAURI SAIDPUR, BLOCK- MION  
DISTT.- BADAUN

UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 105 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 05.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.	Defth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Sandy clay	
3.	10 - 14	4	Dry sand	
4.	14 - 22	8	Fine sand	
5.	22 - 37	15	Fine to Medium sand	
6.	37 - 41	4	Clay kankar	
7.	41 - 45	4	Fine sand	Good
8.	45 - 49	4	Clay	
9.	49 - 53*	4	Fine to Medium sand	Good
10.	53 - 61	8	Clay kankar	
11.	61 - 68*	7	Fine to Medium sand	Good
12.	68 - 77	9	Clay kankar	
13.	77 - 98*	21	Medium sand & Kankar	Good
14.	98 - 105	7	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. 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**

No 2  
 M16 (S)  
 N64(LN)  
 LAT

Logging in Baran  
 Sandpur Block  
 Udaipur Distt  
 Baran  
 LOGGERS  
 CS No. 1000  
 18 53  
 Uttaran Gupta (G)

SP (m V)

