

Angadpur G.P. site Scheme Under J.M. Pongamma

Block - Sarvesh Ditt - Baidaur

D-110m (500x500) mand

D-18/01/2023

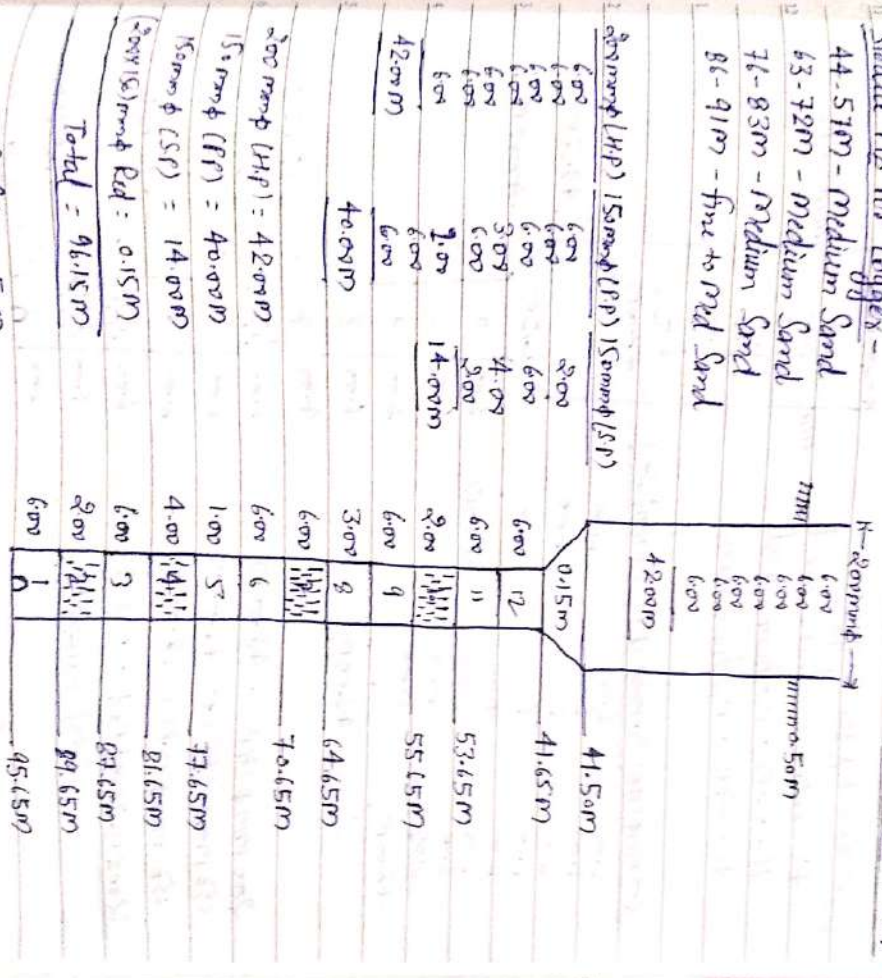
L-100m (200x150) mand

Discharge - 361 LPM

300 Mand 1.5hr

Stacks As for Logex -

- 44-510m - Medium Sand
- 63-720m - Medium Sand
- 76-830m - Medium Sand
- 86-910m - Fine to Med Sand



A.R.L = 0.50m
B.R.L = 98.65m

Total = 96.15m

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:- N- 853

Date:- 18-01-2023

NAME OF SITE

Gram Panchayat- Angatpur

BLOCK- Samrer

DISTT- Budaun

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
Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- ANGATPUR, BLOCK- SAMRER, DISTT - BUDAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 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 18.Jan.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 - 10	5	Dry sand	
3.	10 - 22	12	Medium sand	
4.	22 - 25	3	Clay kankar	
5.	25 - 37	12	Fine to Medium sand	Medium
6.	37 - 44	7	Clay kankar	
7.	44 - 57*	13	Medium sand	Medium
8.	57 - 63	6	Clay kankar	
9.	63 - 72*	9	Medium sand	Medium
10.	72 - 76	4	Clay kankar	
11.	76 - 83*	7	Medium sand	Medium
12.	83 - 86	3	Clay kankar	
13.	86 - 91*	5	Fine to Medium sand	Medium
14.	91 - 110	19	Clay kankar	

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.
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 s
 MI6 (SM)
 NS4(LIN)
 LAT

001 Vm, a 1000 2000
 1000 2000 3000
 2000 3000 4000
 3000 4000 5000
 4000 5000 6000

SP (m V)

