

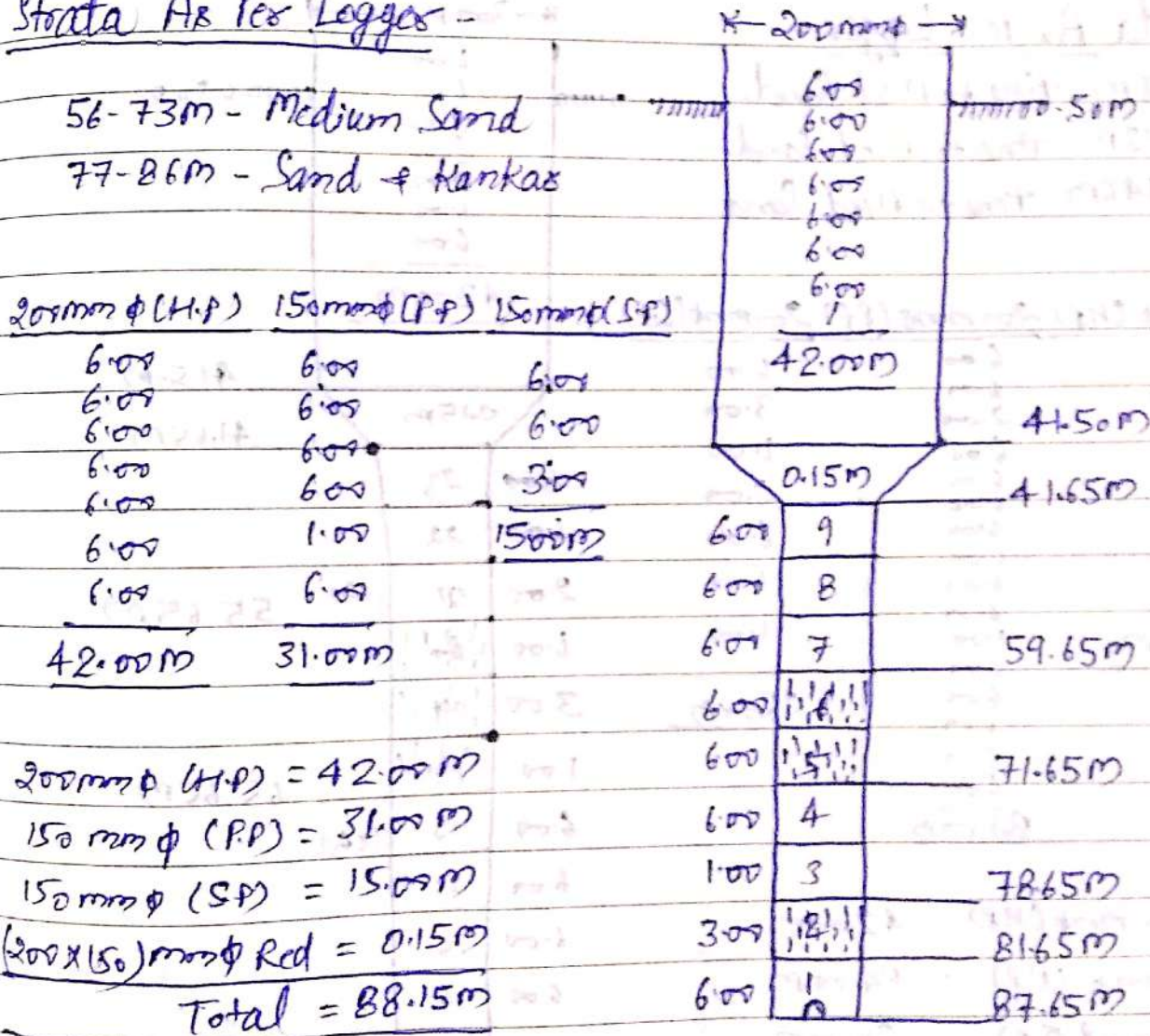
Kanshi Gof w/s Scheme Under JIM Programme
Block-Dataganj Distt-Budauni

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

DT - 10/02/23

Discharge - 334 LPM
 36m Head 7.5HP

Strata As Per Loggs -



A.B.L = 0.50m
 B.G.L = 87.65m
Total = 88.15m

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
REPORT LOGGING REPORT

Ref No- A-170

Date:- 09-02-2023

NAME OF SITE

Gram Panchayat- Kushi

BLOCK- Dataganj

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPMI-JV
Badaun



GROUND WATER SURVEY CONSULTANCY
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ISO 9001 : 2015



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KASHI, BLOCK- DATAGANJ, DISTT.- BADAUN UNDER JAL JIVAN MISSION

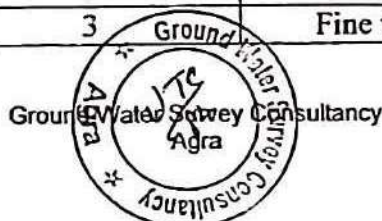
Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 115 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 09.Feb.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 - 8	3	Dry sand	
3.	8 - 13	5	Clay kankar	
4.	13 - 19	6	Fine to Medium sand	Medium
5.	19 - 23	4	Clay kankar	
6.	23 - 27	4	Fine sand	Medium
7.	27 - 29	2	Clay kankar	
8.	29 - 38	9	Medium sand	Medium
9.	38 - 42	4	Clay kankar	
10.	42 - 52	10	Medium sand	Medium
11.	52 - 56	4	Clay kankar	
12.	56 - 73*	17	Medium sand	Medium
13.	73 - 77	4	Clay kankar	
14.	77 - 86	9	Sand & kankar	Medium
15.	86 - 103	17	Clay kankar	
16.	103 - 107	4	Kankar	
17.	107 - 112	5	Clay kankar	
18.	112 - 115*	3	Fine to medium sand	Medium



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.



Ground Water Survey Consultancy

No. 1
 N16 (SST)
 NS4(LN)
 LAT

Logging Details
 Log No. 1
 Date: 21-22

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 GSS 21-22

SP (mV)
 Log No. 1
 DML-2
 Log No. 21
 Ground water Survey
 Consultancy - Agra
 India

