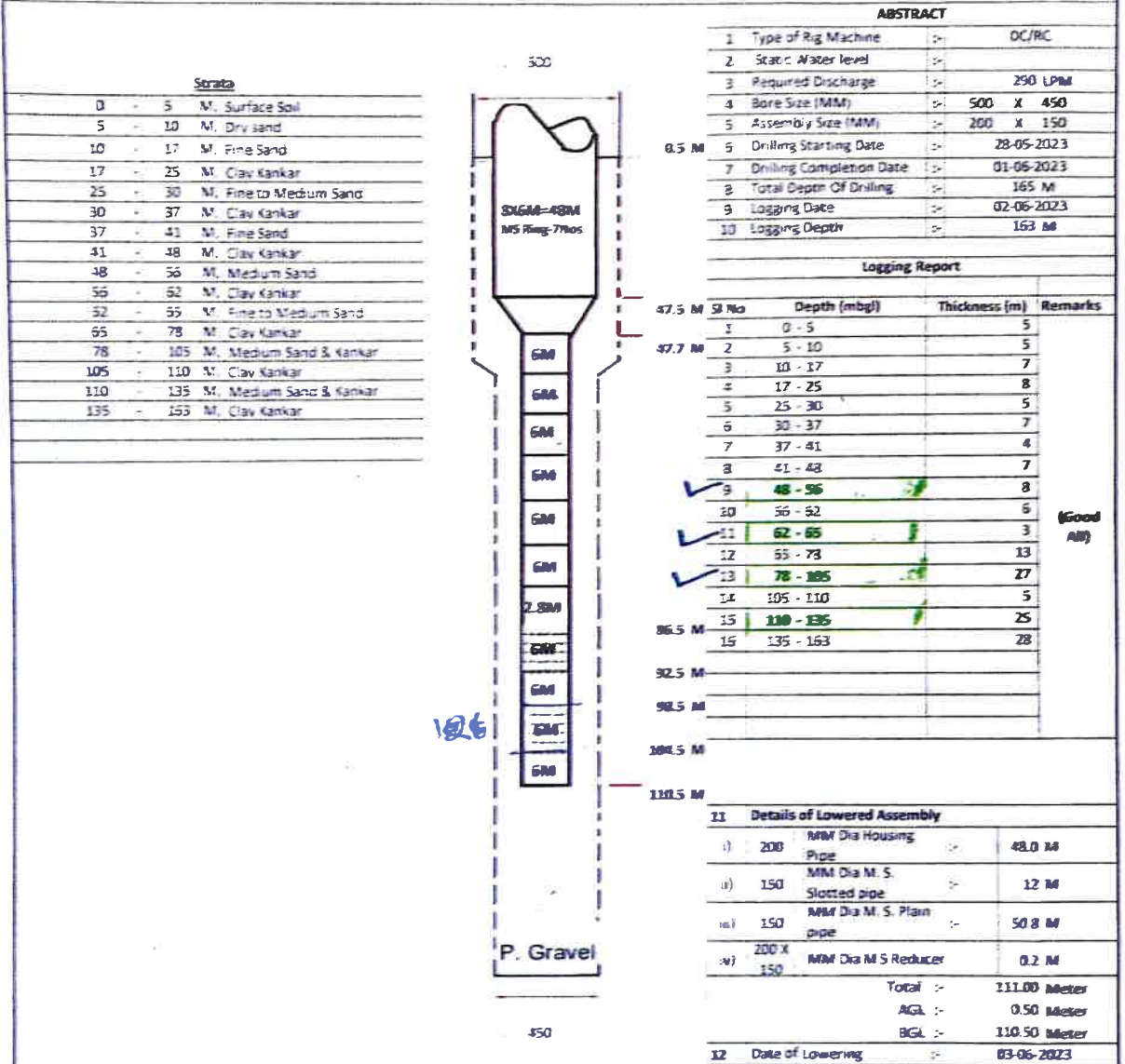


**Completion Plan Of Tubewell**

Name Of Work :- Construction of T. W. of G.P. Jamuniya Iadhikey, Block- Pasgawan, District, Lucknow Kheri.  
 Name Of Program :- J. J. M  
 Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)  
 Name Of Contractor :- M/S NCC Limited  
 Name Of TPI :- Ceivays Tech Limited  
 Contract Agreement :- 12/ED/Phase-3/2021-22, date-07.01.2022  
 Cover Agreement :- 497/ED/Phase-3/2022-23/XXX, Dated 03.03.2023

Lowered Assembly Chart of T. W of Jamuniya Iadhikey G.P W/S Scheme District :- Lucknow Kheri.



Verified by  
  
 M/S. Ceivays Tech Ltd.

Recommended by  
  
 13th Division U.P. Jal Nigam (R)  
 Lucknow

Recommended by  
  
 AE  
 13th Division U.P. Jal Nigam (R)  
 Lucknow

Approved by  
  
 E.E  
 13th Division U.P. Jal Nigam (R)  
 Lucknow

JUNIOR DIVISIONAL OFFICE (E.E.)  
 U.P. JAL NIGAM (R)  
 LUCKNOW

Vinod Kumar  
 Assistant Engineer  
 Divisional officer (E.E.M)  
 U.P. Jal Nigam (R)  
 Lucknow

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAMUNIYA, BLOCK- PASGAWAN,  
DISTT-LAKHIMPUR KHIRI

UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 168 mtrs. depth. and Logged depth 163 mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 02.June.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:-

Mud Resistivity = 26.68 Ohms.

Drilling Water Resistivity = 27.86 Ohms.

Approx Water Level = 11 Mtr.

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 - 17	7	Fine sand	
4.	17 - 25	8	Clay kankar	
5.	25 - 30	5	Fine to Medium sand	Good
6.	30 - 37	7	Clay kankar	
7.	37 - 41	4	Fine sand	Good
8.	41 - 48	7	Clay kankar	
9.	48 - 56*	8	Medium sand	Good
10.	56 - 62	6	Clay kankar	
11.	62 - 65*	3	Fine to Medium sand	Good
12.	65 - 78	13	Clay kankar	
13.	78 - 105*	24	Medium sand + Kankar	Good
14.	105 - 110	5	Clay kankar	
15.	110 - 135*	25	Medium sand & kankar	Good
16.	135 - 163	28	Clay kankar	

GSL  
02/06/23

Ground Water Survey Consultancy



Logging performed as per SWM guidelines  
Groundwater quality intermitted by firm as per their logger calibration.