

Ull
JIM-3

Jamuniga Block - Lakshimpur

37m³

Rep. dia - 520

A. size - 200 X 150
18

U. depth - 165

Rep. dia - 27 1/2"

45 - 64 = 19 (49 - 64 = 10)

70 - 81 = 11

92 - 124 = 32 (94 - 124 = 30) = 15

135 - 149 = 14 (135 - 145 = 10) = 3

157 - 165 = 6

		0.5
		47.5
	0.20	47.7
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	6.0	
	3.0	104.7
6.0		
6.0		
3.0		119.7
	6.0	
	6.0	
	3.0	133.5
3.0		138.5
	6.0	144

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAMUNIYA, BLOCK- LAKHIMPUR,
DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 170 mtrs. depth. and Logged depth 165 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 27.Dec.2022.

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 = 22.17 Ohms.

Drilling Water Resistivity = 24.72 Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 16	11	Clay kankar	
3.	16 - 20	4	Fine to Medium sand	Medium
4.	20 - 45	25	Clay kankar	
5.	45 - 64*	19	Medium sand	Medium
6.	64 - 70	6	Clay kankar	
7.	70 - 81*	11	Medium sand	Medium
8.	81 - 92	11	Clay kankar	
9.	92 - 124*	32	Medium sand	Medium
10.	124 - 135	11	Clay kankar	
11.	135 - 149*	14	Medium sand	Medium
12.	149 - 159	10	Clay kankar	
13.	159 - 165*	6	Medium sand	Medium



SrN05-66-64
SrN09-94-124
SrN011-135-145
- Logging performed as per
SWSM guidelines
- Ground water quality
interpreted by firm as
per their logger
calibration
Scanned with CamScanner 28/12/22