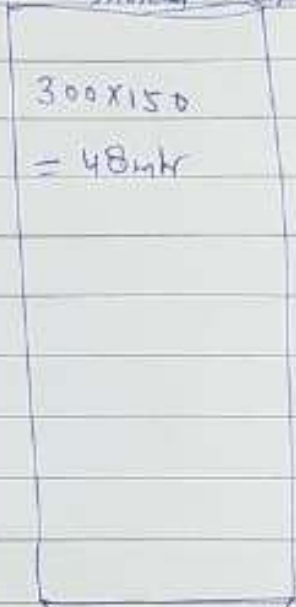


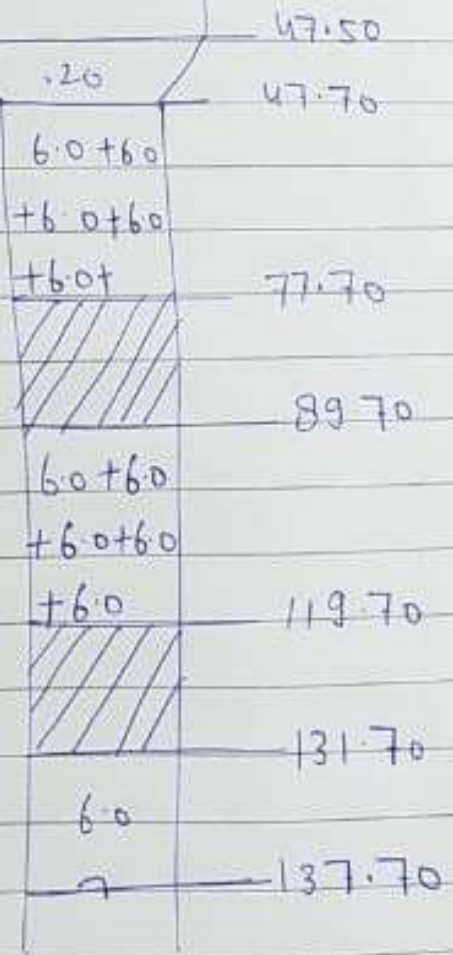
Handwritten signature

In P. failgaon Block Nakaha Distric Carkhimpur (Block-3)  
 Required: 680 Lm Size: 300x150 Material: 24mt 0.5 Aml  
 Laying dt - 13-01-2023

- 5- 44 - 63 = 19
- 7 68 - 92 = 24 = 12
- 9 115 - 142 = 27 = 12
- 11 - 149 - 160 = 11



15/01/2022  
 (v.f. yudhar)



# REPORT ON GEOPHYSICAL WELL LOGGING AT

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

## Introduction :

A Deep bore hole was drilled 170 mtrs. depth. and Logged depth ~~160~~ 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 13.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:-

Mud Resistivity = ~~16.83~~ Ohms.

Drilling Water Resistivity = ~~17.72~~ Ohms.

Approx Water Level = 3 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 31	21	Medium sand	Medium
4.	31 - 44	13	Clay kankar	
<del>5.</del>	44 - 63*	19	Medium sand	Medium
6.	63 - 68	5	Clay kankar	
<del>7.</del>	68 - 92*	24	Medium sand	Medium
8.	92 - 115	23	Clay kankar	
<del>9.</del>	115 - 142*	27	Medium sand	Medium
<del>10.</del>	142 - 149	7	Clay kankar	
<del>11.</del>	149 - 160*	11	Medium sand	Medium

Sr No 5 and 11 are  
intermixed with  
thin bands of kankar

Ground Water Consultancy



- Logging performed as per GWSM guidelines  
- Groundwater quality interpreted by firm as per their logger calibration

G. Sh  
14/01/23