



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Sitapur/750

Date : 18.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Vill. – Deoria, Block - Maholi  
Distt. – Sitapur

**Drilling Depth** : 165 mbgl – as reported by driller

**Logged Depth** : ~~130 mbgl~~

**Date of Logging** : 18.06.23

**Types of Log** : S.P. & Resistivity (Normal & Lateral)

**Logger Used** : IGIS

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of strata	$R_{mf}$ & $R_w$
<del>1</del>	<del>25 – 31</del>	<del>6</del>	<del>Good</del>	<del><math>R_{mf} = 26 \Omega m</math> <math>R_w = 27.7 \Omega m</math></del>
<del>2</del>	<del>40 – 54</del>	<del>14</del>	<del>Good</del>	
<del>3</del>	<del>62 – 73</del>	<del>11</del>	<del>Good</del>	
<del>4</del>	<del>77 – 82</del>	<del>7</del>	<del>Good</del>	
<del>5</del>	<del>95 – 110</del>	<del>15</del>	<del>Good</del>	
<del>6</del>	<del>119 – 122</del>	<del>3</del>	<del>Good</del>	

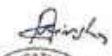

**Remark** : ~~Almost all zones are intermixed with fine bands of kankar. Report prepared on the basis of down log because UP logs are affected by large bore hole size and mixing of cow dung in the bore hole.~~

CC :  
I.M/S NCC Sitapur

Verified as per logs provided

Note - Correlate given strata with driller's litholog.

G.Sh  
19/06/23

  
  
(A.K. Singh)  
Geophysicist