



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/Shravasti/97

Date : 03.06.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Hempur, Block – Sirsiya  
Distt. – Shravasti

Drilled Depth : 170 mbgl as reported by driller

Logged Depth : ~~165 mbgl~~ 167 mbgl

Date of Logging : 03.06.23

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

Logger Used : ~~Uptron~~

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 <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>30 - 36</del>	<del>6</del>	<del>Good, fine to medium sand</del>	<del>R<sub>mf</sub> = 36.3 Ohm</del>
<del>2</del>	<del>70 - 80</del>	<del>10</del>	<del>Good, fine to medium sand</del>	<del>R<sub>w</sub> = 27.9 Ohm</del>
<del>3</del>	<del>85 - 90</del>	<del>5</del>	<del>Good, fine to medium sand</del>	
<del>4</del>	<del>99 - 104</del>	<del>5</del>	<del>Good, fine to medium sand</del>	
<del>5</del>	<del>110 - 116</del>	<del>6</del>	<del>Good, fine to medium sand</del>	
<del>6</del>	<del>120 - 125</del>	<del>5</del>	<del>Good, fine to medium sand</del>	
<del>7</del>	<del>130 - 135</del>	<del>5</del>	<del>Good, fine to medium sand</del>	
<del>8</del>	<del>148 - 154</del>	<del>6</del>	<del>Good, fine to medium sand</del>	
<del>9</del>	<del>160 - 165</del>	<del>5</del>	<del>Good, fine to medium sand</del>	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

Verified as per logs provided Sr No 3 - 86 - 90 (4m)  
Sr No 7 - 130 - 134 (4m)  
Sr No 5 - 109 - 116 (7m)  
Note

*[Signature]*



(G. K. Singh)  
Geophysicist

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05/06/23