



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/253

Date: 26-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bumaua Buzurg, Block – Mithwal,  
Distt. – Siddharth Nagar

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : ~~174.60~~ mbgl

Date of Logging : 26.06.2023

Types of Log : ~~S.P.~~ Resistivity (Normal) & Natural Gamma

Logger Used : ~~Robertson~~ Geologging..

Bore Hole Drilled by: VSAIPPL-SCL-JV.

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>24 – 32</del>	<del>8</del>	<del>Good</del>	<del>R<sub>mf</sub> = 13.36 Ωm</del>
<del>2</del>	<del>42 – 52</del>	<del>10</del>	<del>Good</del>	<del>R<sub>w</sub> = 14.31 Ωm</del>
<del>3</del>	<del>54 – 60</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>62 – 66</del>	<del>4</del>	<del>Good</del>	
<del>5</del>	<del>114 – 122</del>	<del>8</del>	<del>Good</del>	
<del>6</del>	<del>132 – 144</del>	<del>12</del>	<del>Good</del>	
<del>7</del>	<del>150 – 158</del>	<del>8</del>	<del>Good</del>	

Remark : ~~1~~ Almost all zones are intermixed with fine bands of kankar.

Verified as per  
logs provided

G.Sh  
29/06/23

Geophysicist

11.09. Bygging w/s Scheme 8/100hardslager

lock - mlt/wal

Q = 800 LPM

T/w size = 150x3000m, 200/180m

= 24m (stacked)

mls V/A - SCL LCV

As per logging Report (26.06.023)

24-32 = 08

42-52 = 10

54-60 = 06

62-66 = 04

114-122 = 08 = 06 ✓

132-144 = 12 = 12 ✓

150-158 = 08 = 06 ✓

pipe cutting ✓  
 5.99 ⇒ 4.47 + 1.52 ✓  
 5.99 ⇒ 1.80 + 1.50 + 2.69 x

