

JALARAM BOREWELL TESTING

F – 16, Someshwar Mall, Visnagar road, Mehsana (N.G.),
Gujarat -384001

Ref./ UP-57/ 09 – 2023

Dated: 23-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Raypur
 Block : Jakhaniya
 District : Ghazipur
 State : Uttar Pradesh
 Date of Logging : 22-09-2023
 Drilling Depth : 330.0 m bgl
 Logging Depth : 310.0 m bgl
 Borehole Drilled by : M/S HFCL-JWIL-JV, Ghazipur, U.P.

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N – 16")**, **Long Normal (N – 64")** and **Lateral 6'** Geophysical Logs, following information/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	13 – 22	09	Good
02	26 – 34	08	Good
03	58 – 64	06	Good
04	66 – 78	12	Good
05	126 – 132	06	Moderate
06	140 – 149	09	Moderate
07	255 – 260	05	Moderate
08	266 – 273	06	Moderate
09	276 – 279	03	Moderate
10	289 – 293	04	Moderate

Note:

- 1) Quality of groundwater is deteriorating to marginal at depths between 90.0 to 124.0 m bgl and 156.0 to 252.0 m bgl
- 2) Please ensure pre – monsoon water level before lowering the well assembly.



Avinash Goswami

Geologist

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