

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

At

Village : Badpura, Block: Soron  
Kasganj, Uttar Pradesh

**Introduction:**

A deep borehole 120m (394 Feet) was drilled *M/s. PNC-SPML-JV-Kasganj, U.P.* On the request of *M/s. Pioneer Drilling Company Private Limited* GGWC conducted a Geophysical Resistivity logging in the above borehole using IGIS's Logger dated on 3<sup>rd</sup> January, 2022.

Based on the interpretation of the Logging, the following litho logy has been inferred which tallies fairly well with the well-site litho-log based on mud-wash samples.

<i>Depth in m</i>	<i>Expected Litholog</i>	<i>Expected Quality</i>
0 - 3	Surface Soil	
3 - 7	Fine sand	
7 - 28*	Medium sand	Good
28 - 39	Sandy clay	
39 - 56*	Medium sand	Good
56 - 60	Clay	
60 - 78*	Medium sand	Good
78 - 102	Clay with kankar	
102 - 120*	Fine to medium sand	Good