



Geophysical Borehole Logging Report

Site : Bajraha Sonbarsa
Block : Panyara
District : Maharajganj
State : Uttar Pradesh
Date of Logging : 27.03.2023
Drilling Depth (m) : 149.00
Logging Depth (m) : 146.39
Log Measured From : GL

Logger Make : Robertson Geologging Inc.,
Borehole Drilled by : Kalpatru Power Transmission Ltd.,
Rm : 16.690hm-m @25.0 Deg C RW:35.780hm-m @27.1 Deg C

Aquifer zones were selected and classified based on a combination of Spontaneous Potential (SP), 64"N resistivity (64N RES), 16"N Resistivity (16N RES) and Natural Gamma (NG) radiation values obtained by the ELOG tool.

Sl. No.	Depth Range (m)		Quality Remarks (Quality of Aquifer Water in terms of Salinity)
	From (m)	To (m)	
01	27	35	Good
02	50	53	Good
03	59	64	Good
04	70	73	Good
05	90	109	Good
06	122	130	Good
07	133	139	Good
08	142	145	Good

Note:

- All zones are intermixed thin band of Kanher.
- Zones from 50 to 53m, 59 to 64m and 70 to 73m are finer sediments.

Verified and approved
GSR 20102/23

D. Selvendran

For Transnational Drilling & Mining Associates Pvt Ltd.