



Geophysical Borehole Logging Report

Site : Mahuari

Block : Brijmangari

District : Maharajganj

State : Uttar Pradesh

Date of Logging : 24.03.2023

Drilling Depth (m) : 146.00

Logging Depth (m) : 145.80

Log Measured From : GL

Logger Make : Robertson Geologing Inc.,

Rm : 13.30 ohm-m @ 25.5 Deg C Rw : 19.61ohm-m @ 29.8 Deg C

Borehole Drilled by : Kalpatru Power Transmission Ltd.,

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)		Thickness	Quality Remarks (Quality of Aquifer Water in terms of Salinity)
	From (m)	To (m)		
01	29	33	4	Good
02	35	38	3	Good
03	47	50	3	Good
04	55	61	6	Good
05	87	95	8	Good
06	101	105	4	Good
07	110	115	5	Good
08	127	130	3	Good
09	141	144	3	Good

Note:

1. All zones are intermixed thin band of Kanher.

Verified as per logs provided

For Transnational Drilling & Mining Associates Pvt Ltd.,

D.Selvendran