

Ref : MTL/WL/22-23/185

Date 25.03.2023

## REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. VTL- GAJA (JV) as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	SHEKHANGAON
Block	SINGHPUR
District	AMETHI, U.P.
Logged Depth	162 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	24.03.2023

The following aquifer zones have been deciphered with the help of logging machine.

Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
<del>1</del>	19 – 23	4	Good
<del>2</del>	32 – 36	4	Good
<del>3</del>	48 – 52	4	Good
<del>4</del>	55 – 62	7	Good
<del>5</del>	64 – 68	4	Good
<del>6</del>	73 – 76	3	Good
<del>7</del>	85 – 90	5	Good

~~Rw – 18.0 Ohm mtr and Rm – 25.8 Ohm mtr~~

Note: Below 120 MBGL the quality of the formation water is marginal to saline till log depth.

– Logging performed as per SWSM guidelines.  
– Groundwater quality interpreted by firm as per their logger calibration

For Geo-Technical Consultant,



Authorised Signatory

GSh  
25/03/23