



# AllGeo Solutions

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Ref. No. : AGS/EL/2022/242  
Date : 03/08/2022

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarai Harnarayan  
 Location : 25.806082, 81.855471  
 Block : Mandhata  
 District : Pratapgarh  
 State : Uttar Pradesh  
 Logging Depth : 275 Mbgl  
 Rm/Rw : 13.5/14.5  
 Date of Logging : 02-08-2022  
 Logged By : Mr. Sadik Sheikh (Wellsite Geologist)  
 Logger Make : GIT  
 Tubewell Drilled By : M/S JMC Project India, Pratapgarh, Uttar Pradesh  
 Representative : Mr. Rajesh Tripathi (M/S Surya Mining & Infra Developers)

*dsch - 4/2 LPH  
 200 x 150  
 Plot Box - 500 x 450*

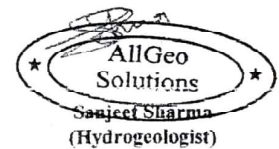
Based on the interpretation of Self Potential(SP), Short Normal(N-16"), Long Normal(N-64") and Lateral(6") Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
<del>1</del>	24-33	9	Good
<del>2</del>	156-160	4	3 Good
<del>3</del>	178-182	4	3 Good
<del>4</del>	193-199	6	6 Good
5	208-211	3	Good
<del>6</del>	219-223	4	3 Good
<del>7</del>	229-238	9	9 Good
<del>8</del>	250-255	5	Moderate

Note: Sr No 3 is fine sand in nature and Sr No 5 to 7 are intermixed with fine band of kankar. No proper granular zones encountered in between 34-150 Mbgl. The formation water quality is deteriorating from marginal to saline below 260 Mbgl to till depth logged.

*Verified as per logs provided.*

*ASSTANT HYDROGEOLOGIST  
 REGIONAL OFFICE (EM)  
 PRAYAGRAJ*



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