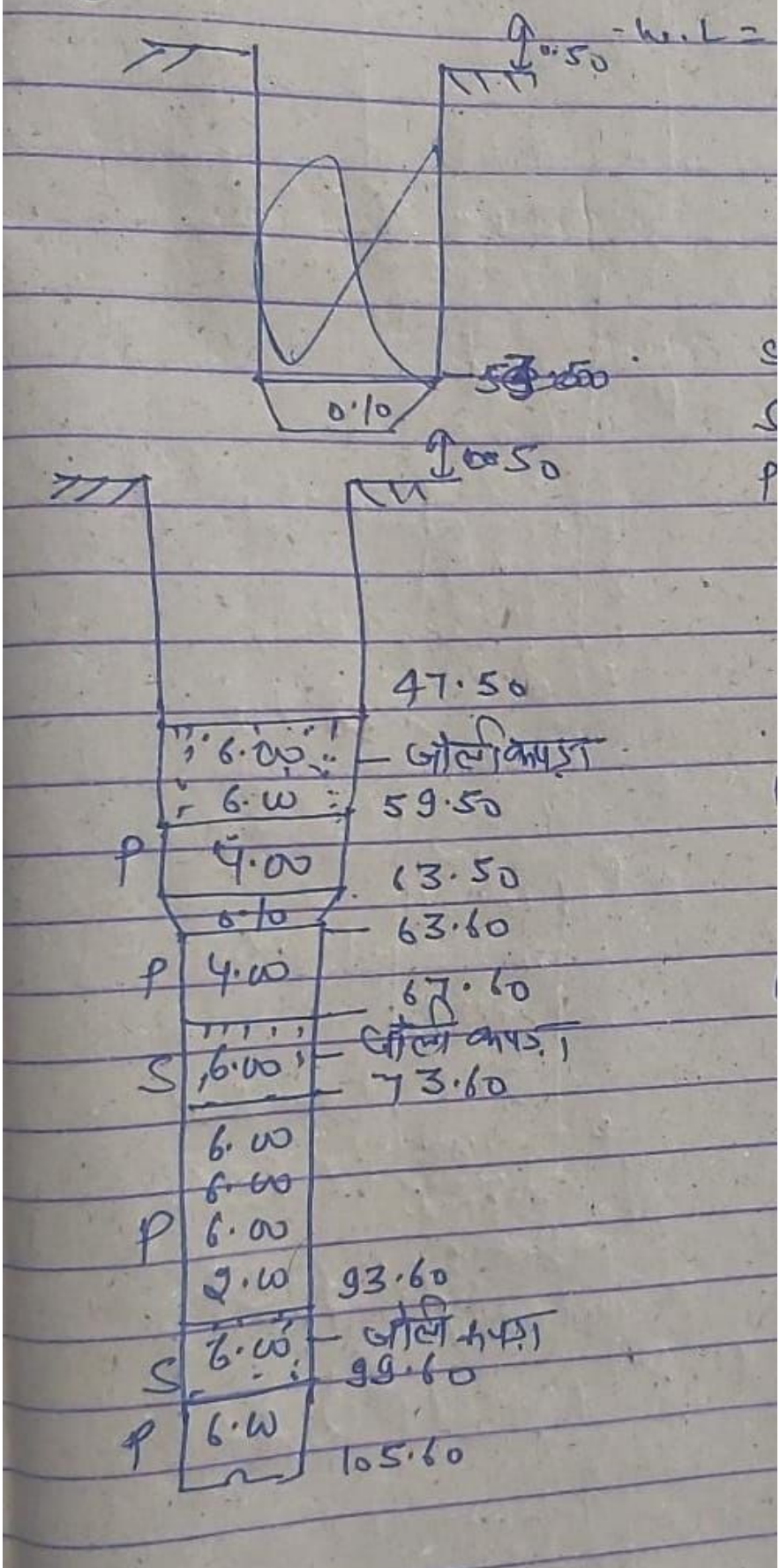
Puti Brahman (Baghbat)

① 42-61 → M. Sand = 19 MTR

② 63-74 → M. Sand = 11 MTR

③ 93-100 → Fine Sand = 0.7 MTR

④



REPORT ON GEO-PHYSICAL ELECTRICAL LOGGING OF BOREHOLE

at

Village: Putti Brahman

Baghpat, Uttar Pradesh

For

M/s. LC Infra Projects Private Limited.

Ahmedabad.

Conducted by

GLOBAL GROUND WATER CONSULTANTS

(Consulting Geologists & Geophysicists)

84- III Floor, Humayun pur, Safdarjung Enclave, New Delhi - 110 029

Phone: **9818-888824; 9818-007038**.

Date : 29th January, 2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

At

Village: Brahan Patti

Baghpat, Baghpat, Uttar Pradesh

Introduction:

A deep borehole 147 (482 Feet) was drilled *M/s. LC Infra Projects Limited, Ahmedabad,* On the request of *M/s. LC Infra Projects Limited, Ahmedabad,* GGWC conducted a Geophysical Resistivity logging in the above borehole using IGIS's Logger dated on 29th January, 2023

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.

Depth in m	***Expected Litholog***	***Expected Quality***
0 - 3	Surface Soil	
3 - 10	Sandy clay	
10 - 17*	Fine sand	
17 - 22	Clay	
22 - 33*	Medium sand	Good
33 - 36	Clay	
36 - 42*	Fine sand	Good
42 - 61*	Medium sand	Good
61 - 63	Clay	
63 - 74*	Medium sand	Good
74 - 93	Clay	
93 - 100*	Fine sand	Good
100 - 134	Clay kankar	
134 - 147	Sandy clay	

Conclusions and Recommendations:

1. The litholog inferred broadly tallies with that of the well-site litho-log.

2. The zones marked with asterisk (*) appear to be Aquifer Zones for possible development of tubewell.

3. As per thickness of the Aquifer the expected discharge is 40,000 LPH to 50,000 LPH.

4. Water Level is 22 m below ground level.

5. The Quality of water is good. However, it is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.

6. The shallow aquifers are also recommended for development to get good quantity of water.

7. *All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.*

for Global Groundwater Consultants

Chief Executive

SP and Resistivity Curves

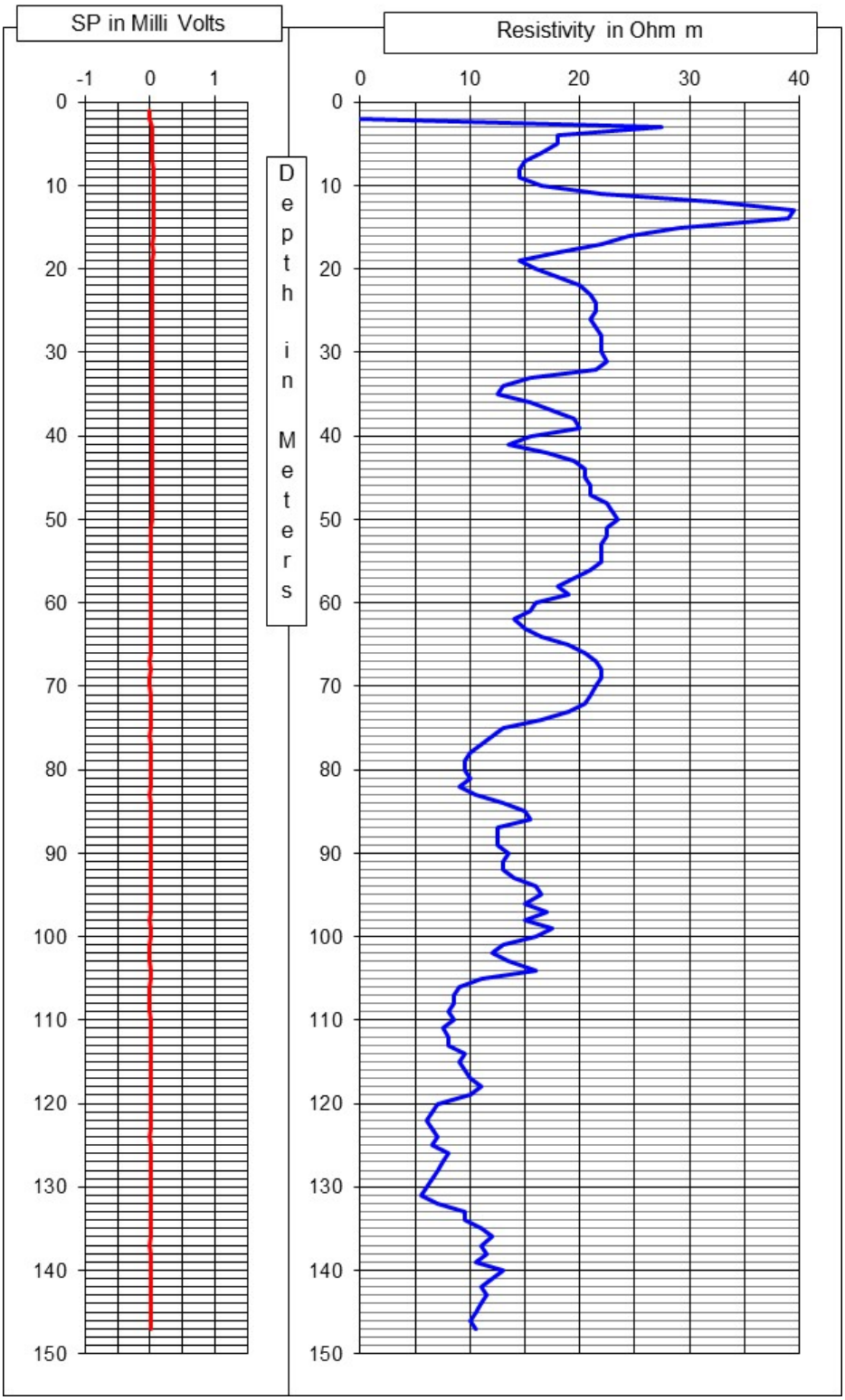


Photo of the Site at the time of Logging