

OFFICE OF THE EXECUTIVE ENGINEER, CONSTRUCTION DIVISION(E&M), U.P. JAL NIGAM, GONDA

Completion plan of SONE BARSA T.W. District GONDA  
 Type of Rig M/c. R.C. Rig machine Size of Bore 625 X 500 mm  
 Size of Assembly 300X150mm Name of Contractor M/s Sai Enterprises Baxilly  
 Static Water Level 6 mtr

| Detail of Strata |     |       |                           | 0.5 m AGL |  |
|------------------|-----|-------|---------------------------|-----------|--|
| From             | To  | Thick | Despriction of the Strata |           |  |
| 1                | 6   | m     | Surface Clay              | 5.97      |  |
| 6                | 21  | m     | Fine to med. Sand         | 5.97      |  |
| 21               | 42  | m     | Clay & Konkari            | 6.01      |  |
| 42               | 65  | m     | Medium Sand               | 6.03      |  |
| 65               | 69  | m     | Sandy clay                | 6.07      |  |
| 69               | 93  | m     | Medium Sand               | 5.99      |  |
| 93               | 96  | m     | Clay & Konkari            | 5.99      |  |
| 96               | 119 |       | Fine to med Sand          | 41.52m    |  |
| 119              | 130 |       | Clay                      | 41.77m    |  |

  

| Logging Report            |                    |               |          |
|---------------------------|--------------------|---------------|----------|
| Date of Logging - 3-10-15 |                    |               |          |
| Sl. No.                   | Depth range (mbgl) | Thickness (m) | Remarks  |
| 1                         | 43 - 50            | 7m            | Good ALL |
| 2                         | 55 - 65            | 10m           |          |
| 3                         | 70 - 80            | 10m           |          |
| 4                         | 85 - 92            | 7m            |          |
| 5                         | 97 - 110           | 13m           |          |
| 6                         | 114 - 118          | 4 m           |          |

  

| Detail of Lowering           |                                       |
|------------------------------|---------------------------------------|
| 1                            | Size of drilling depth 625 mm (0-50m) |
| 2                            | Drilling Started 29-9-15              |
| 3                            | Date of logging 3-10-15               |
| 4                            | Drilling completed 8-10-15            |
| 5                            | Date of zone testing 5-10-15          |
| 6                            | Date of lowering 9-10-15              |
| 7                            | Drilling Depth 130 mtr                |
| 8                            | Assembly lowered 121.34m              |
| 300 mm Ø Housing Pipe 42.02m |                                       |
| 300x150 mm Ø Reducer 0.25m   |                                       |
| 150 mm Ø Plain Pipe 49.07m   |                                       |
| 150 mm Ø Slotted Pipe 30.00m |                                       |
| Total 121.34m                |                                       |
| AGL. 0.50m                   |                                       |
| TOTAL-120.84m                |                                       |
| 150 mm Ø Plain Pipe          |                                       |
| 150 mm Ø Slotted Pipe        |                                       |
| Mter BGL                     |                                       |

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Ref.

### Geophysical Borehole Logging Report

Name of the site : Sonebarsa

District : Gonda

Date : 03.10.2015

Depth logged : 130.0 mbgl

Depth drilled : 135.0 mbgl

Logger used : AXWS

Presence : Er. Raj Kumar, J.E.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

| Sl.No. | Depth range(mbgl) | Thickness(m) | Remarks  |
|--------|-------------------|--------------|----------|
| 1      | 43.0-----50.0     | 7.0          | Good all |
| 2      | 55.0-----65.0     | 10.0         |          |
| 3      | 70.0-----80.0     | 10.0         |          |
| 4      | 85.0-----92.0     | 7.0          |          |
| 5      | 97.0-----110.0    | 13.0         |          |
| 6      | 114.0-----118.0   | 4.0          |          |

Note.

(Dr.R.A.Yadav)  
Manager(Ground Water)

Copy;

1. C.E.(E/M), U.P.Jal Nigam, Lucknow.
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for information and necessary action.