

GSTIN : 09AEOPG8965L2ZJ



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 2.9.23

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency (VEPL) M. S. H. V. P. Environment and Public Sector Development  
 Village Danda Raj Block Barkhara  
 District Raichak Logging Depth 150m  
 Drilling Depth 150m Water Level 30m ABQ

| S.No. | Depth in Mtr. | Lithology         | Expected Water Quality |
|-------|---------------|-------------------|------------------------|
| 1     | 0-5           | Surface Soil      |                        |
| 2     | 5-10          | Clay loam         |                        |
| 3     | 10-15         | Medium Sand       | Medium                 |
| 4     | 15-25         | Clay loam         |                        |
| 5     | 25-30         | Medium Sand       | Medium                 |
| 6     | 30-34         | Clay loam         |                        |
| 7     | 34-38         | Medium Sand       | Medium                 |
| 8     | 38-40         | Clay loam         |                        |
| 9     | 40-46         | Medium Sand       | Medium                 |
| 10    | 46-51         | Clay loam         |                        |
| 11    | 51-74*        | Medium Sand       | Medium                 |
| 12    | 74-85         | Clay loam         |                        |
| 13    | 85-94*        | Medium Sand       | Medium                 |
| 14    | 94-102        | Clay loam         |                        |
| 15    | 102-106*      | Medium Sand       | Medium                 |
| 16    | 106-110       | Clay loam         |                        |
| 17    | 110-130*      | Medium Sand & sh. | Medium                 |
| 18    | 130-140       | Clay loam         |                        |
| 19    | 140-143       | Fine Sand         | Medium                 |
| 20    | 143-150       | Clay loam         |                        |
| 21    |               |                   |                        |
| 22    |               |                   |                        |
| 23    |               |                   |                        |



\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*Singh*  
Geophysicist

### Specializations In

Electric Well Logging, Geophysical Survey, Resistivity Survey, Rainwater Harvesting,  
 Construction of Recharge Well, Rectification of Tubewells, Ground Water Investigations.

42/50/40  
150/140

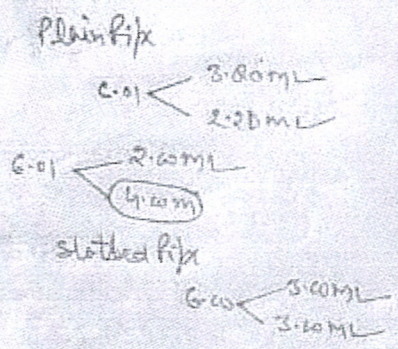
IIIrd Phase  
Lowering of Dandia Raji w/s Scheme D37A - Pilibhit Block - Barchura

TW size - 300 x 200 mm lowering date - 4/9/23 discharge - 1200 lpm

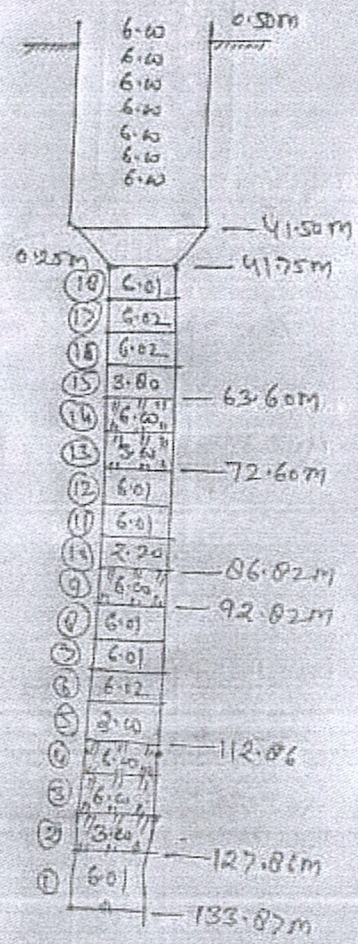
|   |   |   |
|---|---|---|
| <p>300mm housing pipe</p> <p>1-6.00<br/>2-6.00<br/>3-6.00<br/>4-6.00<br/>5-6.00<br/>6-6.00<br/>7-6.00<br/><del>8-6.00</del><br/><u>42.00M</u></p> | <p>200mm Plain pipe</p> <p>1-6.01<br/>2-6.02<br/>3-6.02<br/>4-6.01L<br/>5-6.01<br/>6-6.01<br/>7-6.01L<br/>8-6.01L<br/>9-6.02L<br/>10-6.01L<br/>11-6.01<br/><u>12-6.01</u><br/><u>72.15M</u></p> | <p>200mm slotted pipe</p> <p>1-6.00<br/>2-6.00<br/>3-6.00<br/>4-6.00L<br/>5-6.00L<br/><u>30.00M</u></p> |
|---|---|---|

Logging Report All

51m — 74m — m-sand — 9.  
85m — 94m — m-sand — 6.  
102m — 106m — m-sand  
110m — 130m — m-sand — 15.



|                     |                |
|---------------------|----------------|
| 300mm housing pipe  | 42.00M         |
| 300 x 200mm Reducer | 0.25M          |
| 200mm Plain Pipe    | 62.12M         |
| 200mm Slotted Pipe  | 30.00M         |
|                     | <u>134.37M</u> |
| ALL (-)             | 0.50M          |
|                     | <u>133.87M</u> |



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-IJM  
 EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD  
 COVER AGREEMENT No.: 988/ED/Phase-3/2023-24/VI  
 SCHEME NAME: DANDIA RAJI  
 LOA NO.:  
 BLOCK : BARKHEDA  
 LOWERING DATE : 4/9/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

| SR. NO.              | DISCRPTION           | QTY. (M) | DIAMETER |
|----------------------|----------------------|----------|----------|
| 1                    | PLAIN PIPES          | 42.00    | 300 mm   |
| 2                    | PLAIN PIPES          | 62.12    | 260 mm   |
| 3                    | SLOTTED PIPES        | 30.00    | 260 mm   |
| 300 mm               | MM DIA PLAIN PIPES   |          | 42.00 M  |
| 300x260              | MM DIA REDUCER       |          | 0.25 M   |
| 260 mm               | MM DIA PLAIN PIPES   |          | 62.12 M  |
| 260 mm               | MM DIA SLOTTED PIPES |          | 30.00 M  |
| TOTAL DEPTH          |                      |          | 134.37 M |
| AGL                  |                      |          | -0.50 M  |
| TOTAL LOWERING DEPTH |                      |          | 133.87 M |

**LOGGING-REPOET AS-**

|       |       |             |
|-------|-------|-------------|
| 51 M  | 74 M  | Medium sand |
| 85 M  | 94 M  | Medium sand |
| 102 M | 106 M | Medium sand |
| 110 M | 130 M | Medium sand |



M/S BLG CONSTRUCTION  
(TPI)

J.E. J.E. A.E.  
(E&M U.P. JAL NIGAM RURAL)

