

GSTIN : 09AEOPG8965L2ZJ



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date...21-04-2023...

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONNES

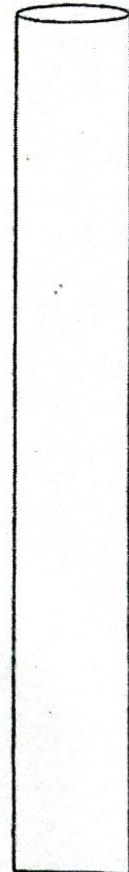
Name Of Agency.....(V.P.L.) Vishwakarma Environment Pvt. Ltd. Ravi Mishra...

Village.....Nagina, Mustaphil..... Block.....Amroha.....

District.....Ritohit..... Logging Depth.....15.0 mtr.....

Drilling Depth.....15.0 mtr..... Water Level.....6.0 mtr.....

| S.No | Depth in Mtr. | Lithology | Expected Water Quality |
|------|---------------|-------------------|------------------------|
| 1 | 0-5 | Surface Soil | |
| 2 | 5-13 | Fine Sand | |
| 3 | 13-22 | clay KanKar | |
| 4 | 22-33 | Fine to med. Sand | Good |
| 5 | 33-37 | clay KanKar | |
| 6 | 37-51 | medium Sand | Good |
| 7 | 51-60 | clay KanKar | |
| 8 | 60-76* | medium Sand & Kan | Good |
| 9 | 76-85 | clay KanKar | |
| 10 | 85-94* | medium Sand | Good |
| 11 | 94-99 | clay KanKar | |
| 12 | 99-107* | Fine to med. Sand | Good |
| 13 | 107-115 | clay KanKar | |
| 14 | 115-123* | medium Sand | Good |
| 15 | 123-128 | clay KanKar | |
| 16 | 128-142* | medium Sand | Good |
| 17 | 142-149 | clay KanKar | |
| 18 | 149-150 | Fine Sand | Good |
| 19 | | | |
| 20 | | | |
| 21 | | | |
| 22 | | | |
| 23 | | | |



* Expected Water Bearing Zone

For Ground Water Survey Consultancy

(Signature)
Geophysicist

Specializations In

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

Lowering of Nagariya (Mustqil) ^{IIIrd Phase - Pilibhit} ^{WSS scheme Dist. Pilibhit Block - Ameliya / 150/1145}
 T.W. Size - 300x150mm lowering Date - 22/4/23 discharge - 1100 lpm

300mm lowering pipe

- 1- 6.0
 - 2- 6.04
 - 3- 6.04
 - 4- 6.04
 - 5- 6.04
 - 6- 6.07
 - 7- 6.06
-
- 42.36M

150mm Plain Pipe

- 1- 6.01L
 - 2- 6.02L
 - 3- 6.02L
 - 4- 6.01
 - 5- 6.04L
 - 6- 6.02L
 - 7- 6.01 \leftarrow 2.00ML
 - 8- 6.02L \leftarrow 4.01ML
 - 9- 6.03L \leftarrow 0.50ML
 - 10- 6.02 \leftarrow 1.62ML
-
- 60.21M

150mm Slotted Pipe

- 1- 6.02L
 - 2- 6.01L
 - 3- 6.36L \leftarrow 3.00ML
 - 4- 6.01 \leftarrow 3.01ML
 - 5- 6.01L
-
- 30.41M

Logging Report As:

- 60m — 76m — M. sand — 12m.
- 85m — 94m — M. sand — 6.
- 99m — 107m — fine to m. sand — 3.
- 115m — 123m — M. sand — 6m.
- 120m — 142m — m. sand — 3m.

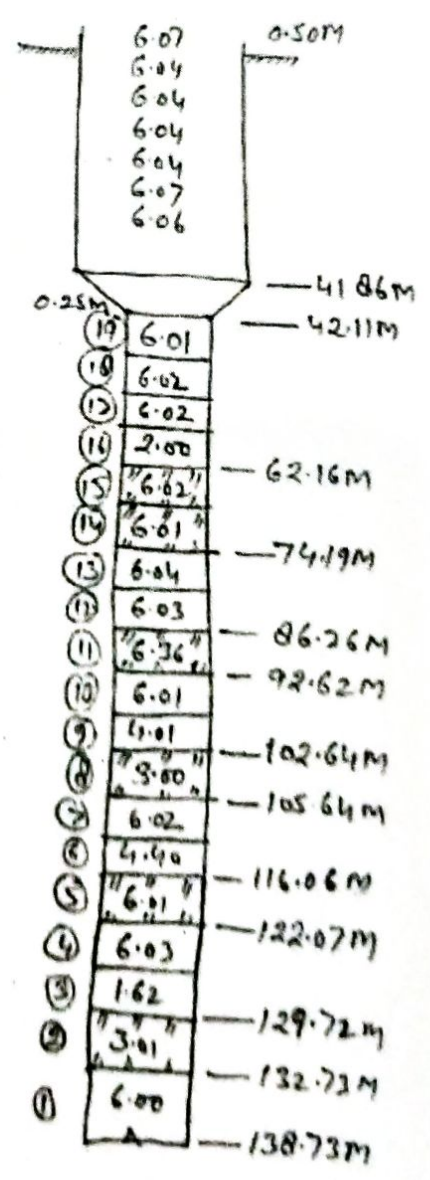
Plain Pipe

- 6.01 \leftarrow 2.00ML
- \leftarrow 4.01ML
- 6.02 \leftarrow 4.40ML
- \leftarrow 1.62ML

Slotted Pipe

- 6.01 \leftarrow 3.00ML
- \leftarrow 3.01ML

| | |
|---------------------|---------|
| 300mm lowering pipe | 42.36M |
| 300x150mm Reducer | 0.25M |
| 150mm Plain Pipe | 60.21M |
| 150mm Slotted Pipe | 30.41M |
| | <hr/> |
| | 139.23M |
| AGL (-) | 0.50M |
| | <hr/> |
| | 138.73M |



TUBEWELL ASSEMBLY CHART

| |
|---|
| PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM |
| EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD |
| COVER AGREEMENT No.: 158/ED/PHASE-3/2022-23 |
| SCHEME NAME: NAGARIA MUSTQIL |
| SCHEME ID: 20051015 |
| BLOCK: AMARIYA |
| LOWERING DATE: 22-04-2023 |

LIST OF TUBE WELL ASSEMBLY UNITS

| SR. NO. | DISCRPTION | QTY. (M) | DIAMETER |
|----------------------|----------------------|----------|----------|
| 1 | PLAIN PIPES | 42.36 | 300 mm |
| 2 | PLAIN PIPES | 66.21 | 150 mm |
| 3 | SLOTTED PIPES | 30.41 | 150 mm |
| 300 mm | MM DIA PLAIN PIPES | | 42.36 M |
| 300X150 | MM DIA REDUCER | | 0.25 M |
| 150 mm | MM DIA PLAIN PIPES | | 66.21 M |
| 150 mm | MM DIA SLOTTED PIPES | | 30.41 M |
| TOTAL DEPTH | | | 139.23 M |
| AGL | | | -0.50 M |
| TOTAL LOWERING DEPTH | | | 138.73 M |

LOGGING REPOET AS-

| | | |
|-------|-------|-------------|
| 60 M | 76 M | Medium sand |
| 85 M | 94 M | Medium sand |
| 99 M | 107 M | Medium sand |
| 115 M | 123 M | Medium sand |
| 128 M | 142 M | Medium sand |

Amariya

M/S BLG CONSTRUCTION
(TPI)

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

E.E. MORADABAD

