



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No. ....

Date.. 19-09-2023 .....

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency..... Water Survey Consultancy, Environment, P. Ltd. Lucknow Developer:  
 Village..... Deoria, Keshanpur..... Block..... marwa.....  
 District..... Alhali..... Logging Depth..... 150 mtr......  
 Drilling Depth..... 150 mtr...... Water Level..... 3 mtr......

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 15	clay Kankar	
3	15 - 20	Fine Sand	
4	20 - 35	clay Kankar	
5	35 - 38	Fine to med sand	med. to Good
6	38 - 52	clay Kankar	
7	52 - 70*	medium sand	med. to Good
8	70 - 74	clay Kankar	
9	74 - 90*	medium sand	med. to Good
10	90 - 96	clay Kankar	
11	96 - 107*	medium sand	med. to Good
12	107 - 114	clay Kankar	
13	114 - 121*	medium sand	med. to Good
14	121 - 127	clay Kankar	
15	127 - 136*	medium sand & Kankar	med. to Good
16	136 - 141	clay Kankar	
17	141 - 143	Fine Sand	Med. to Good
18	143 - 150	clay Kankar	
19			
20			
21			
22			
23			

\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*V.S.P.N.*  
Geophysicist

Specializations In

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

Drilling of Debris Wash pipe with scheme with Pile of stone material  
 710 size - 200 x 150 mm of bearing pipe - 20/1/23 discharge - 600 lpm / 150/1100  
 200 mm of bearing pipe 150 mm of Plain Pipe 150 mm of Slotted pipe

- 200 mm of bearing pipe
- 1 - 6.00
  - 2 - 6.00
  - 3 - 6.00
  - 4 - 6.00
  - 5 - 6.00
  - 6 - 6.00
  - 7 - 6.00
- 
- 42.00M

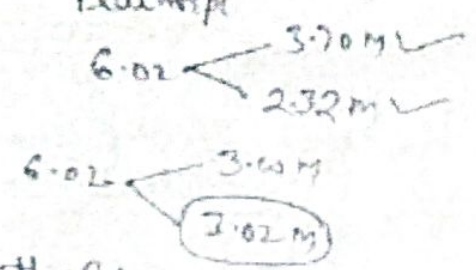
- 150 mm of Plain Pipe
- 1 - 6.00
  - 2 - 6.00
  - 3 - 6.00
  - 4 - 6.00
  - 5 - 6.00
  - 6 - 6.00
  - 7 - 6.00
  - 8 - 6.00
  - 9 - 6.00
  - 10 - 6.00
  - 11 - 6.00
  - 12 - 2.22
- 3.70M  
2.32M  
3.00M  
7.02M  
69.50M

- 150 mm of Slotted pipe
- 1 - 6.00
  - 2 - 6.00
  - 3 - 6.00
  - 4 - 6.00
  - 5 - 6.00
- 
- 30.00M

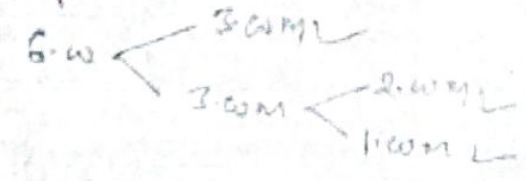
Logging Report As:-

- 520M — 70M — M. Sand
- 74M — 90M — M. Sand — 12+
- 96M — 107M — M. Sand — 5+2
- 114M — 121M — M. Sand — 3.
- 127M — 136M — m. Sand —

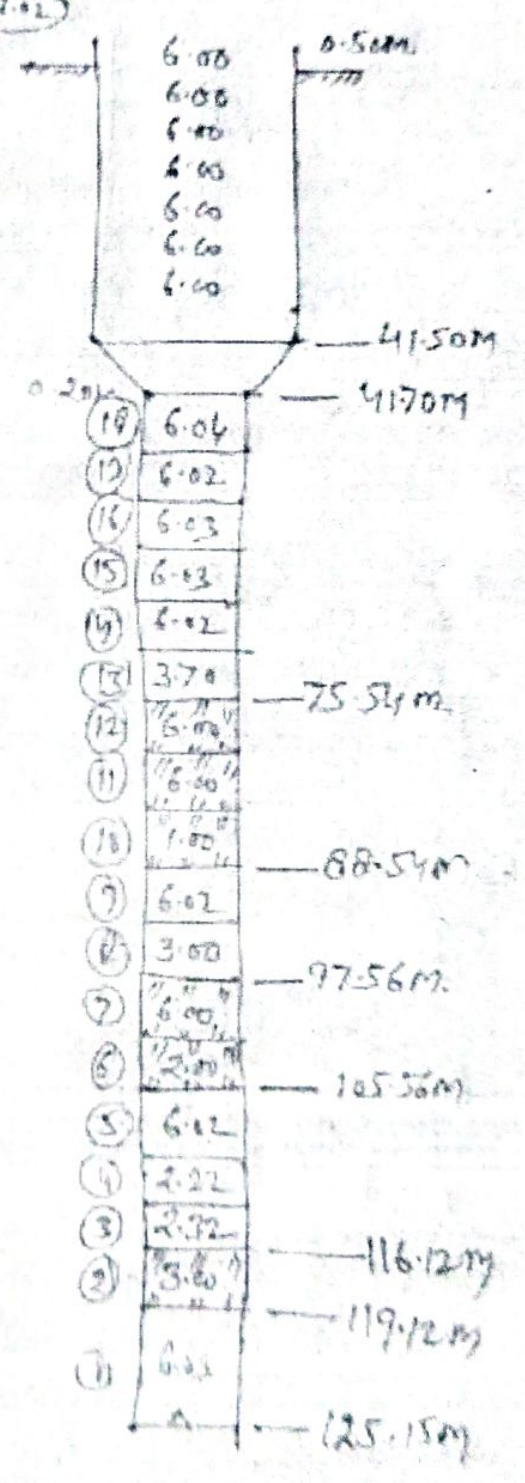
Plain pipe



Slotted pipe



- 200 mm of bearing pipe — 42.00M
  - 200 x 150 mm of bearing pipe — 0.20M
  - 150 mm of Plain pipe — 59.45M
  - 150 mm of Slotted pipe — 24.00M
- 
- 125.65M
- ADD (+) 0.50M
- 
- 125.15M



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM/JM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 563/ED/PHASE-III/2022-23/III
SCHEME NAME: DEONI KESHARPUR
LOA NO.: 563/ED/PHASE-III/2022-23/III-20096304
BLOCK: MARORI
LOWERING DATE: 20/09/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	200 mm
2	PLAIN PIPES	59.45	150 mm
3	SLOTTED PIPES	24.00	150 mm
200 mm	MM DIA PLAIN PIPES		42.00 M
200X150	MM DIA REDUCER		0.20 M
150 mm	MM DIA PLAIN PIPES		59.45 M
150 mm	MM DIA SLOTTED PIPES		24.00 M
TOTAL DEPTH			125.65 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			125.15 M

**LOGGING-REPOET AS-**

52 M	70 M	Medium sand
74 M	90 M	Medium sand
96 M	107 M	Medium sand
114 M	121 M	Medium sand
127 M	136 M	Medium sand



*Handwritten signature*

M/S BLG CONSTRUCTION  
(TPI)

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

