



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

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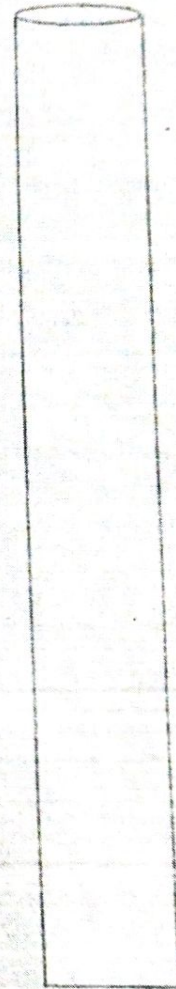
Date..28-06-2023..

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency.....*Vishwakarma Environment Pvt. Ltd. Mirzapur, UP*  
 Village.....*Chirawa, Mirzapur* Block.....*Kalauri, Khata*  
 District.....*Ribhhi* Logging Depth.....*150mtr.*  
 Drilling Depth.....*150mtr.* Water Level.....*2 mtr.*

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0-5	Surface Soil	
2	5-15	Fine Sand	
3	15-20	clay Kankar	
4	20-27	Sand & Kankar	
5	27-30	clay Kankar	
6	30-36	Fine to med Sand	Good
7	36-50	clay Kankar	
8	50-84*	medium Sand	Good
9	84-93	clay Kankar	
10	93-96	Fine Sand	Good
11	96-110	clay Kankar	
12	110-121*	medium Sand	Good
13	121-126	clay Kankar	
14	126-150*	medium Sand	Good
15			
16			
17			
18			
19			
20			
21			
22			
23			



\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*V. K. Singh*  
Geophysicist

### Specializations In

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

42/10/53  
150/150

Lowering of Chinese mudpile scheme with Rabbit Block in Australia  
 FW size - 300mm Lowing pipe 07/6/23 discharge - 1450 lpm  
 300mm Lowing pipe 200mm Plain pipe 200mm Slotted pipe

- 300mm Lowing pipe
- 1-6.00
  - 2-6.00
  - 3-6.00
  - 4-6.00
  - 5-6.00
  - 6-6.00
  - 7-6.00
- 42.00M

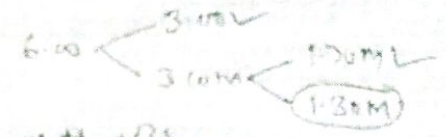
- 200mm Plain pipe
- 1-6.00
  - 2-6.00
  - 3-6.00
  - 4-6.00
  - 5-6.00
  - 6-6.00
  - 7-6.00
  - 8-6.00
  - 9-6.00
  - 10-6.00
  - 11-6.00
- 66.00M

- 200mm Slotted pipe
- 1-6.00
  - 2-6.00
  - 3-6.00
  - 4-6.00
  - 5-6.00
  - 6-6.00
- 36.00M

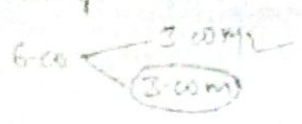
Logging Report

- 50m - 81m - M sand - 18.43
- 110m - 121m - M sand - 6
- 126m - 150m - M sand - 6

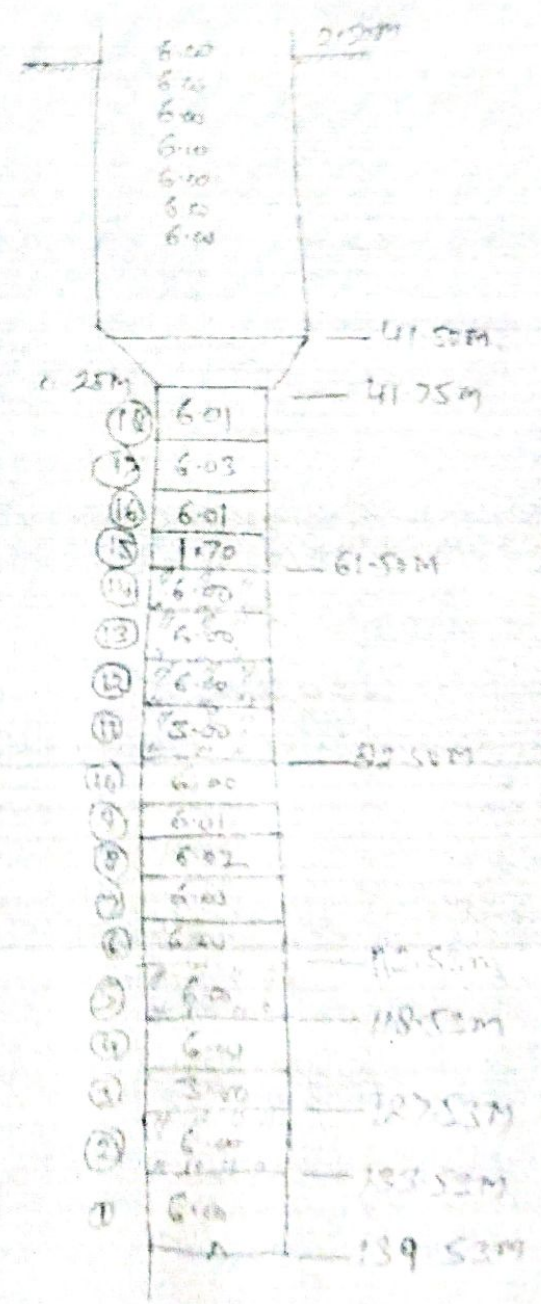
Plain pipe



Slotted pipe



- 200mm Lowing pipe - 42.00M
  - 200mm Plain pipe - 66.00M
  - 200mm Slotted pipe - 36.00M
- 144.00M
- Depth - 150.00M
- 139.50M



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM/JM  
 EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD  
 COVER AGREEMENT No.: 564/ED/PHASE-3/2022-23/III  
 SCHEME NAME: CHINAURA MUSTQIL  
 SCHEME ID: 20059998  
 BLOCK: LALARIKHERA  
 LOWERING DATE: 09-06-2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	64.78	200 mm
3	SLOTTED PIPES	33.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		64.78 M
200 mm	MM DIA SLOTTED PIPES		33.00 M
TOTAL DEPTH			140.03 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			139.53 M

**LOGGING REPOET AS-**

50 M	84 M	Medium sand
110 M	121 M	Medium sand
126 M	150 M	Medium sand



*Handwritten signature*

M/S BLG CONSTRUCTION (TPI)

J.E.

A.E.

E.E.

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

MORADABAD

