



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

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Ref No. ....

Date: 15-07-2023

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency: Vishwas Engineering Pvt. Ltd. Mah. Pancha Taluk

Village: Maramdi Block: Birsalpur

District: Aahil Logging Depth: 150 mtr.

Drilling Depth: 150 mtr. Water Level: 6 mtr.

S No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 15	Kankar	
3	15 - 23	clay Kankar	
4	23 - 32	Fine to med. Sand	med. to good
5	32 - 50	clay Kankar	
6	50 - 60*	medium Sand	med. to good
7	60 - 66	clay Kankar	
8	66 - 72*	medium Sand	med. to good
9	72 - 82	clay Kankar	
10	82 - 95*	medium Sand	med. to good
11	95 - 100	clay Kankar	
12	100 - 105*	Fine to med. Sand	med. to good
13	105 - 109	clay Kankar	
14	109 - 114*	Fine to med. Sand	med. to good
15	114 - 120	clay Kankar	
16	120 - 150*	medium Sand & Kankar	med. to good
17			
18			
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.

IIIrd Phase

17/1/23

Lowering of Manpa mardun in Sicheema Distt - Pilibhit Block, Bijnor

ES 300 3000 2000mm lowering date - 17/1/23 discharge - 1530 lpm

300mm of housing pipe    200mm plain pipe    200mm slotted pipe

- 1-6.01
  - 2-6.01
  - 3-6.01
  - 4-6.01
  - 5-6.01
  - 6-6.01
  - 7-6.01
- 
- 42.00M

- 1-6.01
  - 2-6.01
  - 3-6.01
  - 4-6.01
  - 5-6.01
  - 6-6.01
  - 7-6.02
  - 8-6.02
  - 9-6.02
  - 10-6.02
  - 11-6.01
  - 12-6.01
- 
- 72.24M

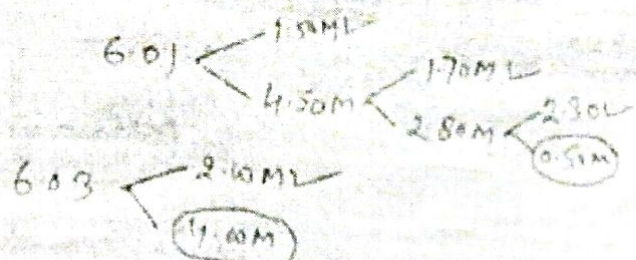
- 1-6.01
  - 2-6.01
  - 3-6.01
  - 4-6.01
  - 5-6.01
- 
- 30.00M

Logging Report for

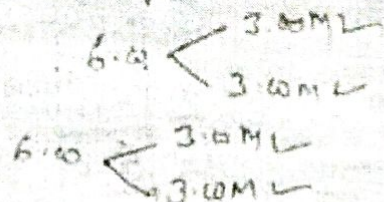
- 60M — 72M — M. Sand — 3
- 82M — 95M — M. Sand — 4+3
- 100M — 105M — fine M. Sand — 3
- 109M — 114M — fine M. Sand — 3
- 120M — 130M — M. Sand — 12M

6.01	6.01
6.01	6.01
6.01	6.01
6.01	6.01
6.01	6.01
6.01	6.01

plain pipe



slotted pipe



- 300mm of housing pipe — 42.00M
  - 300x200mm of Reducer — 0.25M
  - 200mm plain pipe — 67.70M
  - 200mm slotted pipe — 30.00M
- 
- 139.95M
- ASL (+) 0.50M
- 
- 139.45M

21	6.01	
20	6.01	
19	6.02	
18	6.04	
17	1.70	67.53M
16	3.00	70.53M
15	6.03	
14	6.01	
13	1.50	84.07M
12	6.01	
11	3.00	93.07M
10	6.02	
9	2.00	101.09M
8	3.00	104.09M
7	6.03	110.12M
6	3.00	113.12M
5	6.02	
4	2.30	121.44M
3	6.01	
2	6.01	133.44M
1	6.01	139.65M

TUBEWELL ASSEMBLY CHART	
PROJECT:	RURAL WATER SUPPLY SCHEME UNDER SVSM:JIM
EPC CONTRACTOR:	VISHVARAJ ENVIRONMENT PVT. LTD
COVER AGREEMENT No.:	564/ED/PHASE-III/2022-23/IV
SCHEME NAME:	MANPUR MARORI
LOA NO.:	364/ED/PHASE-III/2022-23/IV-200660922
BLOCK:	BISALPUR
LOWERING DATE:	17/07/2023

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	67.70	200 mm
3	SLOTTED PIPES	30.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		67.70 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			139.95 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			139.45 M

LOGGING REPOET AS-	
66 M	Medium sand
82 M	Medium sand
100 M	Fine & Medium sand
109 M	Fine & Medium sand
120 M	Fine & Medium sand

*Handwritten signature*



M/S BLG CONSTRUCTION  
(TPI)

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

A.E.

