



Technologies

# M/S E.R. TECHNOLOGIES

GSTIN. 03BNPPS2540N1ZK

(Govt. Contractor of PH & Civil Works & Electrical Works)

(Specialist in: Deep Tube well, Sick Tube well, Geological and Hydro-Geological Survey, Electric Logging of Borehole, Videography of Borehole, Water Sample & Soil Testing etc.)

Ref. ....


Dated.....23/07/2023.....

## LOGGING DATA

Name of agency	Vishwaraj Environment Pvt Ltd., Atal power Infra
Location	Naugawan Ambar
Block	Bilsanda
District	Pilibhit
Depth drilled (mbgl)	150
Depth logged (mbgl)	150
Water level (m)	5

Log Report of Naugawan Ambar, block Bilsanda, district Pilibhit, Uttar Pradesh						
Sr. No	Depth Range (m)		Zone Thickness(m)	LON -64" N Resistivity (ohm.m)	Probable Strata	Expected water Quality
	From	To				
1	0.00	4.00	4.00	20	Topsoil	-
2	4.00	12.00	8.00	65	Medium Sand	-
3	12.00	16.00	4.00	30	Clay	-
4	16.00	33.00	17.00	70	Medium Coarse Sand	Good
5	33.00	42.00	9.00	30	Clay	-
6	42.00	63.00	21.00	69	Medium Coarse Sand	Good
7	63.00	70.00	7.00	30	Clay	-
8	70.00	80.00	10.00	67	Medium Coarse Sand	Good
9	80.00	83.00	3.00	30	Clay	-
10	83.00	93.00	10.00	68	Medium Coarse Sand	Good
11	93.00	98.00	5.00	30	Clay	-
12	98.00	112.00	14.00	71	Medium Coarse Sand	Good
13	112.00	116.00	4.00	30	Clay	-
14	116.00	146.00	30.00	71	Medium Coarse Sand	Good
15	146.00	150.00	4.00	40	Sandy Clay	-

Interpretation done by...

  
PARKASH KUMAR  
MSc. (Hons) Geology

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Lowering of Naugawan Amber W/S scheme Distt - Pilibhit Block - Bileanda / 150/140  
 FW-Size - 300x200mm Lowering Date - 24/7/23 discharge - 1240 lpm / 2150/148

Third-Phase

300mm housing 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 - 6.05
- 2 - 6.03
- 3 - 6.00
- 4 - 6.04
- 5 - 6.06
- 6 - 6.04
- 7 - 6.01
- 8 - 6.01
- 9 - 6.05
- 10 - 6.06
- 11 - 6.04
- 12 - 6.00

72.145M

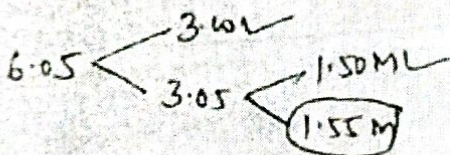
200mm slotted pipe

- 1 - 6.00
  - 2 - 6.00
  - 3 - 6.00
  - 4 - 6.00
  - 5 - 6.00
- 3.00M  
3.00M  
30.00M

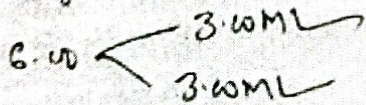
Logging Report As:-

- 70m — 80m — M. Coarse Sand — 6.
- 83m — 93m — M. Coarse Sand — 6.
- 98m — 112m — M. Coarse Sand — 6+3
- 116m — 146m — M. Coarse Sand — 6+3

Plain Pipe



slotted pipe

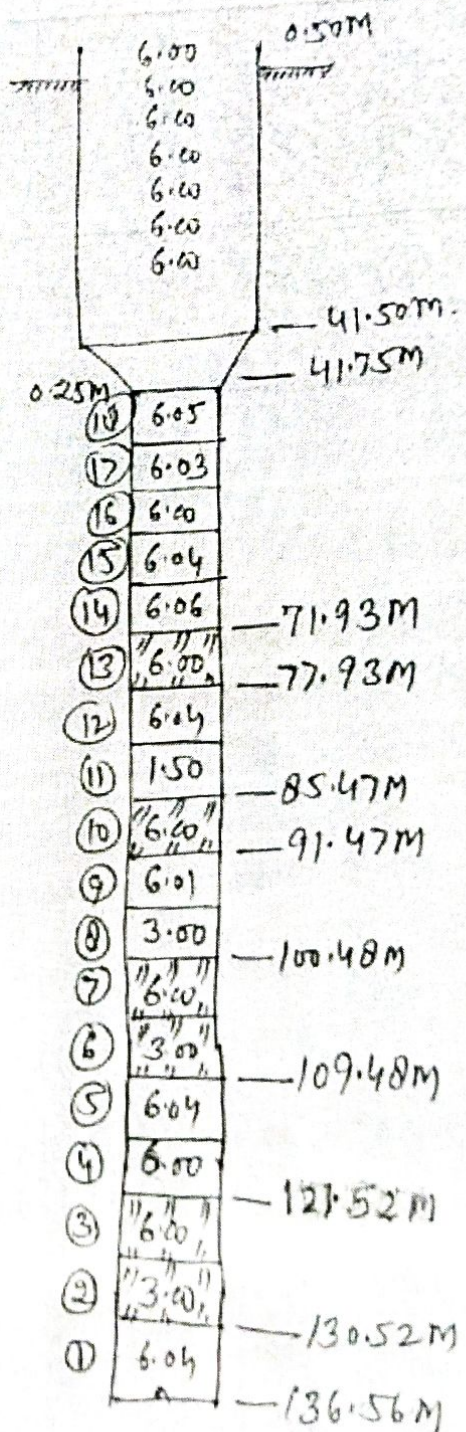


- 300mm housing pipe — 42.00M
- 300x200mm Reducer — 0.25M
- 200mm plain pipe — 64.81M
- 200mm slotted pipe — 30.00M

137.06M

Acc(-) 0.50M

136.56M





**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SW:SM-IIIM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT.LTD
COVER AGREEMENT No.: 564/ED/PHASE-III/2022-23/IV
SCHEME NAME: NAUGAWAN AMBER
LOA NO.: 564/ED/PHASE-III/2022-23/IV-20060604
BLOCK: BILSANDA
LOWERING DATE: 24/7/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	64.81	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		64.81 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
	TOTAL DEPTH		137.06 M
	AGL		-0.50 M
	TOTAL LOWERING DEPTH		136.56 M

**LOGGING REPOET AS-**

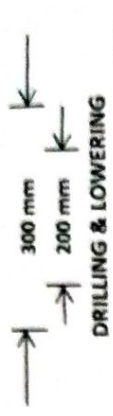
55 M	70 M	Medium coarse sand
74 M	90 M	Medium coarse sand
125 M	140 M	Medium coarse sand
125 M	140 M	Medium coarse sand

*Arshad Hussain*

M/S BLG CONSTRUCTION  
(TPI)



J.E. *[Signature]*  
A.E. *[Signature]*  
(E&M U.P. JAL NIGAM RURAL)



SR. NO.	DESCRIPTION	QTY. (M)	DIAMETER	DEPTH (M)	CUMULATIVE DEPTH (M)
1	SLOTTED	6.00	200 mm	6.00	6.00
2	SLOTTED	6.00	200 mm	6.00	12.00
3	SLOTTED	6.00	200 mm	6.00	18.00
4	SLOTTED	6.00	200 mm	6.00	24.00
5	SLOTTED	6.00	200 mm	6.00	30.00
6	SLOTTED	6.00	200 mm	6.00	36.00
7	SLOTTED	6.00	200 mm	6.00	42.00
8	SLOTTED	6.00	200 mm	6.00	48.00
9	SLOTTED	6.00	200 mm	6.00	54.00
10	SLOTTED	6.00	200 mm	6.00	60.00
11	SLOTTED	6.00	200 mm	6.00	66.00
12	SLOTTED	6.00	200 mm	6.00	72.00
13	SLOTTED	6.00	200 mm	6.00	78.00
14	SLOTTED	6.00	200 mm	6.00	84.00
15	SLOTTED	6.00	200 mm	6.00	90.00
16	SLOTTED	6.00	200 mm	6.00	96.00
17	SLOTTED	6.00	200 mm	6.00	102.00
18	SLOTTED	6.00	200 mm	6.00	108.00
	REDUCER	0.25	300 mm	0.25	108.25
	PLAIN PIPES	64.81	200 mm	64.81	173.06
	TOTAL DEPTH				173.06
	AGL				-0.50
	TOTAL LOWERING DEPTH				136.56