

GSTIN : 09AEOPG8965L2ZJ



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 21.8.23

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency V. Ch. V. Raj Environment Pvt Ltd Mechanical Engineer
 Village Mandira Block Mandira
 District Rohitak Logging Depth 152 m
 Drilling Depth 150 m Water Level 4.5 m btm

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 10	clay	
3	10 - 25	Medium Sand	
4	25 - 36	claystone	
5	36 - 49	Medium Sand	Medium
6	49 - 60	claystone	
7	60 - 70	Medium Sand	Medium
8	70 - 74	clay	
9	74 - 87	Medium Sand	Medium
10	87 - 96	claystone	
11	96 - 99	Medium Sand	Medium
12	99 - 103	claystone	
13	103 - 120	Medium Sand	Medium
14	120 - 140	claystone	
15	140 - 145	Medium Sand	Medium
16	145 - 150	clay	
17			
18			
19			
20			
21			
22			
23			



Expected Water Bearing Zone

For Ground Water Survey Consultancy

Singh
Geophysicist

Specializations In

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

Journal of mandarin well 2000 - Pilot Clark mass

200mm lowering pipe

- 1-6.00
- 2-6.00
- 3-6.00
- 4-6.00
- 5-6.00
- 6-6.00
- 7-6.00

- 42.00M

150mm plain pipe

- 1-6.03
- 2-6.03
- 3-6.02
- 4-6.01
- 5-6.02
- 6-6.03
- 7-6.03
- 8-6.02
- 9-6.02
- 10-6.05
- 11-6.09
- 12-6.02

- 72.40M

150mm slotted pipe

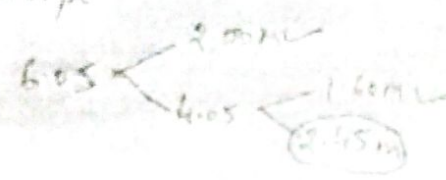
- 1-6.00
- 2-6.00
- 3-6.00
- 4-6.00

- 24.00M

Logging Report Desc

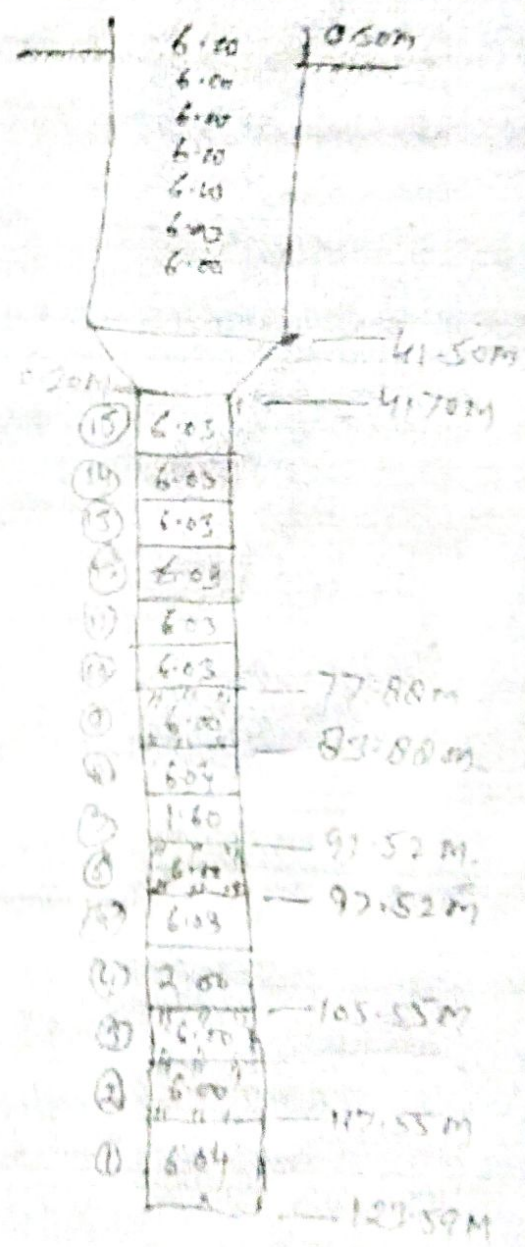
6.0M — 7.0M — M Sand — 8
 7.0M — 8.7M — M Sand — 19
 9.0M — 9.9M — M Sand — 6
 10.3M — 12.0M — M Sand — 12

Plain Pipe



200mm lowering pipe — 42.00M
 200x150mm Reducer — 0.20M
 150mm plain pipe — 57.89M
 150mm slotted pipe — 24.00M

 124.09M
 2.50M
 ALL — 123.59M



TUBEWELL ASSEMBLY CHART

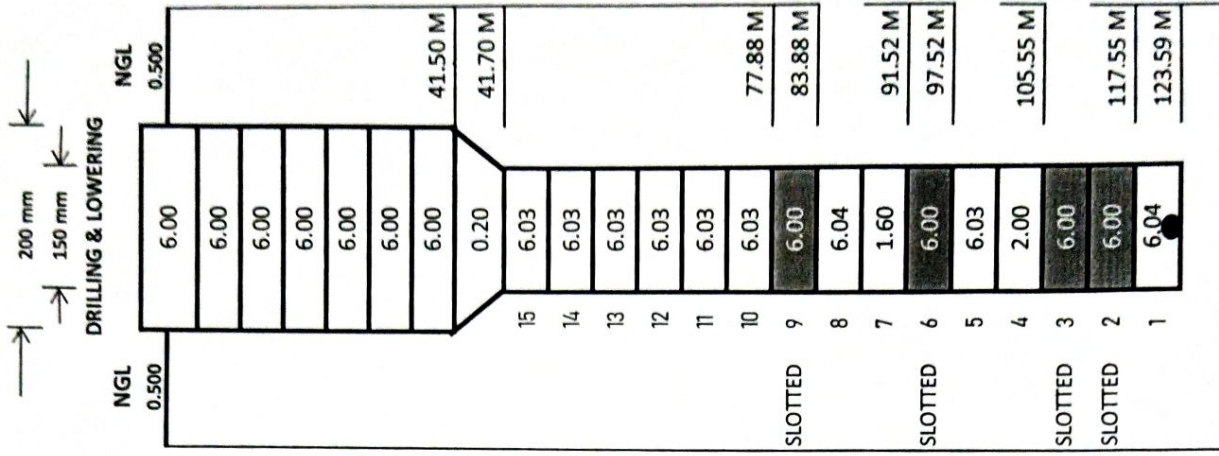
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SW/SM/JJM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 563 ED/PHASE-III/2022-23/III
SCHEME NAME: Mandara
LOA NO.: 563 ED/PHASE-III/2022-23/III-20067138
BLOCK: MARORI
LOWERING DATE: 22/08/2023

LIST OF TUBE WELL ASSEMBLY UNITS

SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	200 mm
2	PLAIN PIPES	57.89	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		57.89 M
150 mm	MM DIA SLOTTED PIPES		24.00 M
TOTAL DEPTH			
	AGL		124.09 M
TOTAL LOWERING DEPTH			
			123.59 M

LOGGING REPOET AS-

60 M	77 M	Medium sand
74 M	87 M	Medium sand
90 M	99 M	Medium sand
103 M	120 M	Medium sand



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M/S BLG CONSTRUCTION
(TPI)

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