



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date...04-07-2023...

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONNES

Name Of Agency-...Nishwarij. Environment... Pvt Ltd. Balaji... Borwell.....

Village -...Rampur... Fakira... Block-...Kuranpur.....

District-...Kilbhat... Logging Depth-...145 mtr.....

Drilling Depth-...150 mtr..... Water Level-...12 mtr.....

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 25	clay KanKar	
3	25 - 30	Fine to med. Sand	medium
4	30 - 33	KanKar	
5	33 - 60*	medium Sand	medium
6	60 - 62	KanKar	
7	62 - 71*	medium Sand	medium
8	71 - 80	clay KanKar	
9	80 - 91*	medium Sand	medium
10	91 - 100	clay KanKar	
11	100 - 115*	medium Sand	medium
12	115 - 120	clay KanKar	
13	120 - 130*	medium Sand	medium
14	130 - 135	clay KanKar	
15	135 - 145*	medium Sand	medium
16			
17			
18			
19			
20			
21			
22			
23			

* Expected Water Bearing Zone

For Ground Water Survey Consultancy

VTK
P.H.

Geophysicist

Specializations In

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

Lowering of Lampu Sakiro 1st scheme Drill - Pilebit Work - Pusan 1st / 150/1100

r.w. size 300x200 mm, lowering Date - 11/21/91 discharge - 1390 l/min

300mm Housing pipe 200mm Plain pipe 200mm slotted pipe

1- 6.00
2- 6.00
3- 6.10
4- 6.10
5- 6.20
6- 6.20
7- 6.20
<u>42.10M</u>

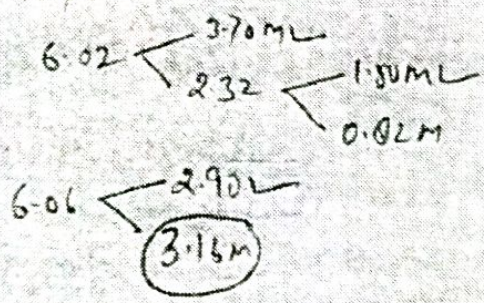
1- 6.03
2- 6.02
3- 6.02
4- 6.03
5- 6.03
6- 6.03
7- 6.03
8- 6.02
9- 6.02
10- 6.03
11- 6.03
12- 6.06
<u>72.34M</u>

1- 6.00
2- 6.00
3- 6.40
4- 6.00
5- 6.00
<u>30.60M</u>
<u>5.00M</u>
<u>36.00M</u>

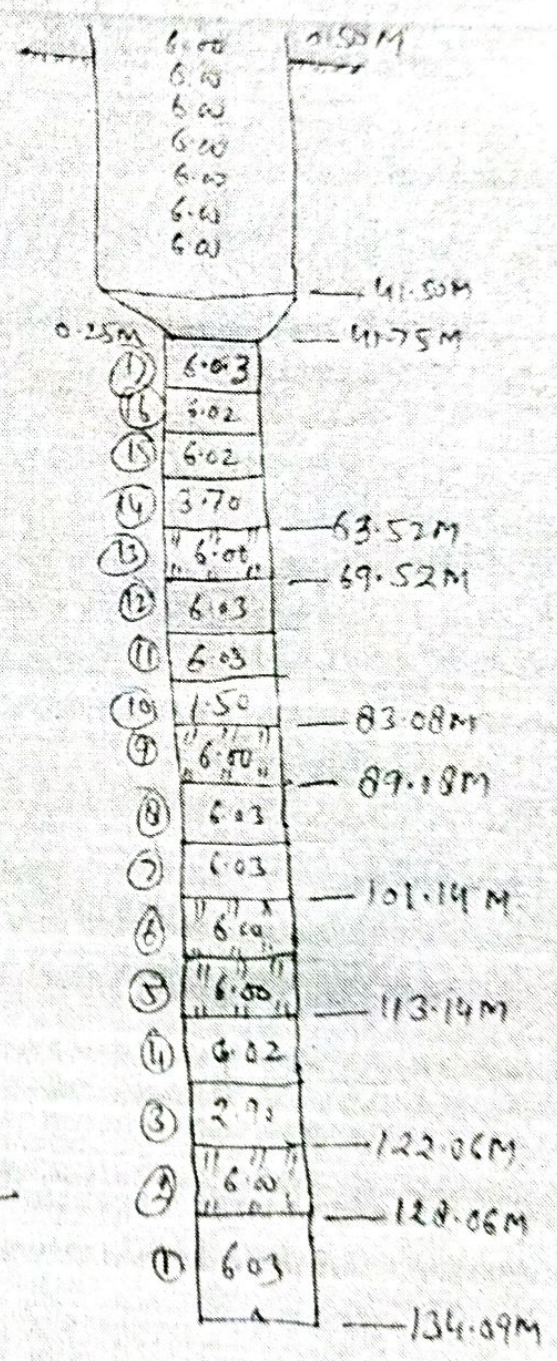
Logging Report etc.

62M	77M	m Sand	- 6
80M	91M	m Sand	- 6
100M	115M	m Sand	- 12
120M	130M	m Sand	- 6

Plain Pipe



300mm Housing pipe	42.10M
300x200mm Reducer	0.25M
200mm Plain pipe	62.34M
200mm slotted pipe	30.60M
	<u>134.59M</u>
All(-)	0.50M
	<u>134.09M</u>



TUBEWELL ASSEMBLY CHART

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-I/II
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 564/ED/PHASE-III/2022-23/IV
SCHEME NAME: RAMPUR FAKIRE
LOA NO.: 564/ED/PHASE-III/2022-23/IV-20060828
BLOCK: PURANPUR
LOWERING DATE: 4/7/2023

LIST OF TUBE WELL ASSEMBLY UNITS

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	62.34	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		62.34 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			134.59 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			134.09 M

LOGGING REPOET AS-

62 M	71 M	Medium sand
80 M	91 M	Medium sand
100 M	115 M	Medium sand
120 M	130 M	Medium sand



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M/S BLG CONSTRUCTION
(TPI)

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

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