



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

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GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency..... Nishchay Environment Balaji Barwell
 Village Amarajiya Kalan Block..... Purampur
 District..... Blibhit Logging Depth..... 150mtr.
 Drilling Depth..... 150.mtr. Water Level..... 3.mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 17	clay Konkaz	
3	17 - 35	medium Sand	med. to Good
4	35 - 46	clay Konkaz	
5	46 - 50*	Fine to med. Sand	med. to Good
6	50 - 54	clay Konkaz	
7	54 - 57*	Fine to med. Sand & Kan.	med. to Good
8	57 - 65	clay Konkaz	
9	65 - 67	Fine Sand	med. to Good
10	67 - 80	clay Konkaz	
11	80 - 96*	medium Sand & Kan.	med. to Good
12	96 - 102	clay Konkaz	
13	102 - 109*	Fine to med. Sand & Kan.	med. to Good
14	109 - 112	clay Konkaz	
15	112 - 115*	Fine to med. Sand	med. to Good
16	115 - 120	clay Konkaz	
17	120 - 130*	medium Sand	med. to Good
18	130 - 137	clay Konkaz	
19	137 - 145*	medium Sand	med. to Good
20	145 - 150	clay Konkaz	
21			
22			
23			

* Expected Water Bearing Zone

For Ground Water Survey Consultancy

Geophysicist

Specializations In

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

Lowering of Amariya Kalan wts scheme Distt - Phalibmt Block - Poorampur
 T.W size - 300x200mm² Lowering date - 04/11/23 discharge - 800 lpm

150/140

300mm² Housing pipe
 1- 6.00
 2- 6.10
 3- 6.10
 4- 6.10
 5- 6.10
 6- 6.10
 7- 6.10
42.00m

200mm² Plain Pipe
 1- 6.01
 2- 6.10
 3- 6.10
 4- 6.04
 5- 6.10
 6- 6.03
 7- 6.01
 8- 6.02
 9- 6.00
 10- 6.01
 11- 6.01
 12- (6.0)
 13- 6.09
70.61m

200mm² Slotted Pipe
 1- 6.00
 2- 6.10
 3- 6.10
 4- 6.10
24.00m

4.00L
 2.00L
 1.00L
 1.00L

Logging Report Ass-

80m — 96m — M. sand — 12+1
 102m — 109m — fine to m. sand — 4
 112m — 115m — " — 3
 120m — 130m — m sand — 6+1

Plain Pipe
 6.02 — 3.20mL
 2.82mL
 6.01 — 2.20mL
 (3.81m)

Slotted Pipe
 6.00 — 4.00mL
 2.00mL — 1.00mL
 1.00mL

300mm² Housing pipe — 42.00m
 300x200mm² Reducer — 0.25m
 200mm² Plain Pipe — 68.79m
 200mm² Slotted Pipe — 24.00m
135.04m
 AGL(-) 0.50m
134.54m

