



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

Mob. : 9761163000, 9794625420, Email : gwsc_agra@yahoo.com

Ref No.

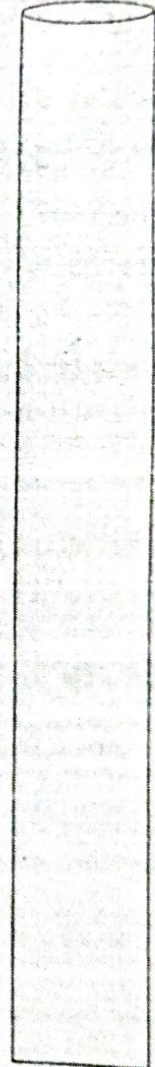
Date 26-07-2023

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency - Vishwanath Environment Ltd. Bahji, Bahawal
 Village - Muzaffernagar Block - Purwanchal
 District - Etahat 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 - 7	Fine Sand	
3	7 - 25	clay Kankar	
4	25 - 30	Fine Sand	
5	30 - 33	clay Kankar	
6	33 - 38	Fine to med. Sand	med. to good
7	38 - 41	clay Kankar	
8	41 - 51*	medium Sand	med. to good
9	51 - 55	clay Kankar	
10	55 - 68*	medium Sand	med. to good
11	68 - 86	clay Kankar	
12	86 - 95*	medium Sand	med. to good
13	95 - 101	clay Kankar	
14	101 - 106*	Fine to med. Sand	med. to good
15	106 - 112	clay Kankar	
16	112 - 137*	medium Sand & Kankar	med. to good
17	137 - 143	clay Kankar	
18	143 - 146*	Fine to med. Sand	med. to good
19	146 - 150	clay Kankar	
20			
21			
22			
23			



* Expected Water Bearing Zone

For Ground Water Survey Consultancy

V. K. Singh
Geophysicist

Specializations In

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

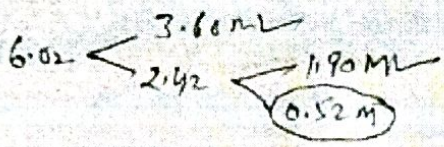
Lowering of Muzaffernagar WTS scheme distt - Pilibhit Block, Pooranpur
 T.W size - 300x200mm Lowering Date - 26/7/23 discharge - 800 lpm / 150/140

300mm housing pipe	200mm plain pipe	200mm slotted pipe
1- 6.00	1- 6.02 ✓	1- 6.00 ✓
2- 6.00	2- 6.00 ✓	2- 6.20 ✓
3- 6.00	3- 6.01 ✓	3- 6.00 ✓
4- 6.00	4- 6.00 ✓	4- 6.00 ✓
5- 6.00	5- 6.01 ✓	
6- 6.00	6- 5.90 ✓	
7- 6.00	7- 6.01 ✓	
	8- 6.01 ✓	
	9- 6.02 ✓	
	10- 6.01 ✓	
	11- 6.02 ✓	
	12- 6.01 ✓	
	13- 6.02 ✓	
	70.	

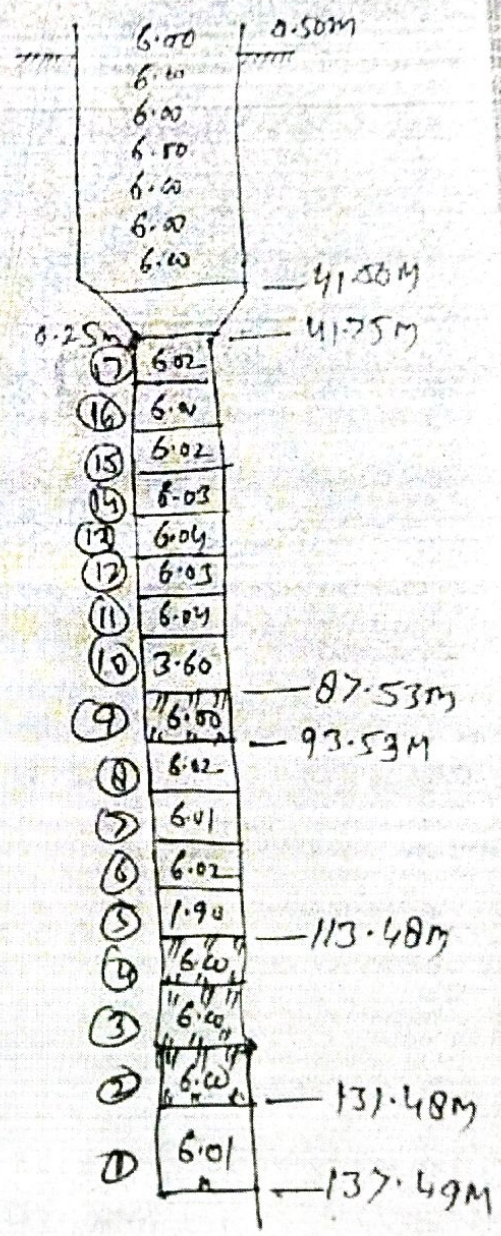
Logging Report Asi

55m	68m	M. Sand
86m	95m	M. Sand. - 6.
101m	106m	fine M. sand
02m	137m	M. Sand. - 10.

Plain Pipe



300mm housing pipe	42.00m
300x200mm Reducer	0.25m
200mm plain pipe	71.74m
200mm slotted pipe	24.00m
	137.99m
ABL (-)	0.50m
	137.49m



TUBEWELL ASSEMBLY CHART	
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM/JM	
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD	
COVER AGREEMENT No.: 563/ED/PHASE-II/2022-23/III	
SCHEME NAME: MUJAFFERNAGAR	
LOA NO.: 563/ED/PHASE-III/2022-23/III/200667175	
BLOCK: PURANPUR	
LOWERING DATE: 26/7/2023	

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	71.74	200 mm
3	SLOTTED PIPES	24.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		71.74 M
200 mm	MM DIA SLOTTED PIPES		24.00 M
TOTAL DEPTH			137.99 M
TOTAL LOWERING DEPTH			-0.50 M
TOTAL LOWERING DEPTH			137.49 M

LOGGING REPOET AS-	
55 M	Medium sand
86 M	Medium sand
101 M	Fine & Medium sand
112 M	Medium sand

Handwritten signature



M/S BLG CONSTRUCTION (TPI)

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

A.E.

