



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. 07-05-2012

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency..... Vishwasraj Environment Pvt. Ltd. Year Complete Solution
 Village..... Khamria Pandui Block..... Barukhera
 District..... Alibhit 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 - 10	Fine Sand	
3	10 - 15	clay KanKar	
4	15 - 26	medium Sand	Good
5	26 - 34	clay KanKar	
6	34 - 37	Fine Sand	Good
7	37 - 41	clay KanKar	
8	41 - 46	Sand & KanKar	Good
9	46 - 51	clay KanKar	
10	51 - 65*	medium Sand	Good
11	65 - 78	clay KanKar	
12	78 - 83*	medium Sand	Good
13	83 - 90	clay KanKar	
14	90 - 95	Fine Sand	Good
15	95 - 106	clay KanKar	
16	106 - 114	Sand & KanKar	Good
17	114 - 118	clay KanKar	
18	118 - 137*	medium Sand	Good
19	137 - 150	clay KanKar	
20			
21			
22			
23			

* Expected Water Bearing Zone

For Ground Water Survey Consultancy

UTS
 Geophysicist

Specializations In

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

Gearing of Mamanyi Borehole 275 c/s heart Dist - P. 11/11/11
 T10 D11 - 300x150mm lower pipe date 07/5/23 discharge - 700 lpm / 1000 lpm

300mm casing pipe
 1- 6.00
 2- 6.03
 3- 6.05
 4- 6.02
 5- 6.02
 6- 5.85
 7- 5.60

 41.57 M

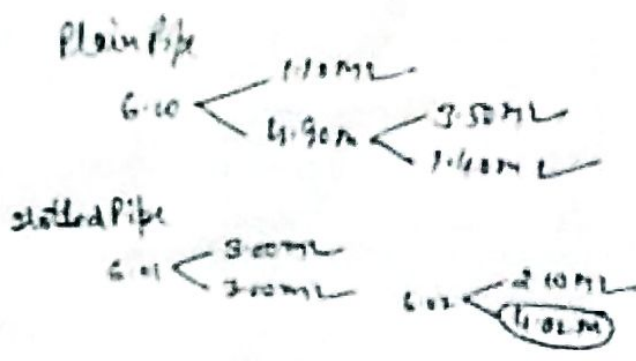
150mm plain pipe
 1- 6.00
 2- 6.02
 3- 6.02
 4- 6.01
 5- 6.02
 6- 6.00
 7- 6.01
 8- 6.02
 9- 6.03
 10- 6.02

 60.15 M

150mm slotted pipe
 1- 6.02
 2- 6.02
 3- 6.01
 4- 6.02
 5- 6.02
 6- 6.02

 36.11 M

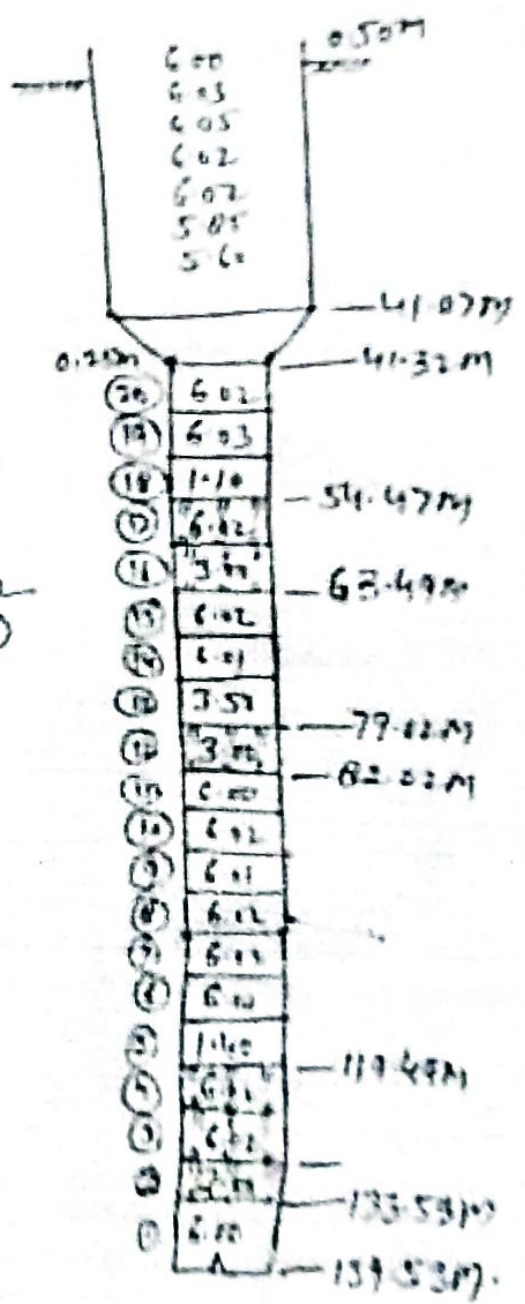
Logging Report @ 25:
 51 — 65m — m. sand — 9
 70 — 83m — m. sand — 3
 118 — 137m — m. sand — 12m



300mm casing pipe — 41.57 M
 300x150mm Reducer — 0.28 M
 150mm plain pipe — 72.15 M
 150mm slotted pipe — 26.06 M

 140.03 M
 Add (+) 0.50 M

 139.53 M



TUBEWELL ASSEMBLY CHART	
PROJECT:	RURAL WATER SUPPLY SCHEME UNDER SW'SM-IJM
EPC CONTRACTOR:	VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.:	563/ED/PHASE-3/2022-23/IV
SCHEME NAME:	KHAMARIA PANDARI
SCHEME ID:	20096325
BLOCK:	BARKHERA
LOWERING DATE:	07-05-2023

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	41.57	300 mm
2	PLAIN PIPES	72.15	150 mm
3	SLOTTED PIPES	26.06	150 mm
300 mm	MM DIA PLAIN PIPES		41.57 M
300X150	MM DIA REDUCER		0.25 M
150 mm	MM DIA PLAIN PIPES		72.15 M
150 mm	MM DIA SLOTTED PIPES		26.06 M
TOTAL DEPTH			140.03 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			139.53 M

LOGGING REPOET AS-		
51 M	65 M	Medium sand
78 M	83 M	Medium sand
118 M	137 M	Medium sand



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M/S BLG CONSTRUCTION (TPI)
 J.E. (E&M U.P. JAL NIGAM RURAL)
 E.E. MORADABAD

