

TUBEWELL ASSEMBLY CHART	
PROJECT:	RURAL WATER SUPPLY SCHEME UNDER SVSM:JIM
EPC CONTRACTOR:	VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.:	1564/ED/PHASE-III/2022-23/IV-20060570
SCHEME NAME:	SAHGAWAN NAGRIA
LOA NO.:	1564/ED/PHASE-III/2022-23/IV-20060570
BLOCK:	AMARIA
LOWERING DATE:	16/05/2024

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.12	300 mm
2	PLAIN PIPES	83.82	150 mm
3	SLOTTED PIPES	30.04	150 mm
300 mm	MM DIA PLAIN PIPES		42.12 M
300X150	MM DIA REDUCER		0.20 M
150 mm	MM DIA PLAIN PIPES		83.82 M
150 mm	MM DIA SLOTTED PIPES		30.04 M
TOTAL DEPTH			156.18 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			155.68 M

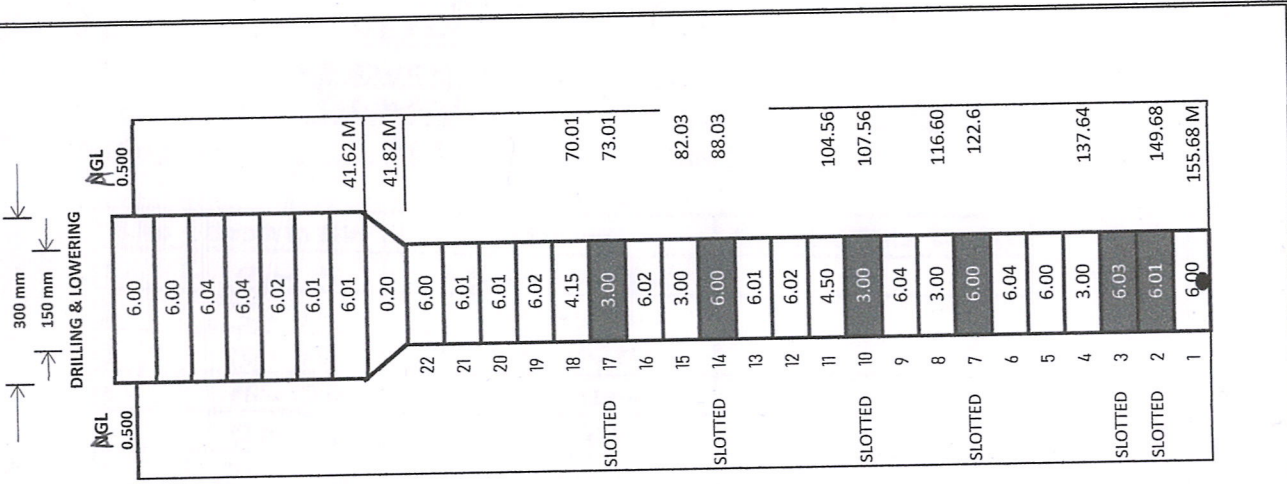
LOGGING REPORT AS-	
69 M	Medium sand
81 M	Medium sand
103 M	Medium sand
115 M	Medium sand
135 M	Medium sand



ANIL KUMAR SENA
 M/S. BGL CONSTRUCTION
 TPA, HUG-PILIBHIT

(Signature)
 J.E.
 A.E.

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





GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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

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Ref No.....

Date 15.5.24

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency..... VEPCL Coeta Developers
 Village..... Sahgawan Nagar Block..... Amana
 District..... Pilibhit Logging Depth..... 162 mt
 Drilling Depth..... 165 mt Water Level..... 6 mt APL

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 14	clay loam	
3	14 - 16	Sandy clay	
4	16 - 20	clay loam	
5	20 - 30	kaolin with sand	
6	30 - 35	clay loam	
7	35 - 40	medium sand	Medium
8	40 - 45	clay loam	
9	45 - 48	fine + med sand	medium
10	48 - 52	clay loam	
11	52 - 55	fine + med sand	Medium
12	55 - 60	clay loam	
13	60 - 64	medium sand	Medium
14	64 - 69	clay loam	
15	69 - 74	medium sand	Medium
16	74 - 81	clay loam	
17	81 - 89	medium sand	Medium
18	89 - 103	clay loam	
19	103 - 109	medium sand	Medium
20	109 - 115	clay loam	
21	115 - 126	medium sand	Medium
22	126 - 135	clay loam	
23	135 - 154	medium sand	medium
24	154 - 162	clay loam	



Expected Water Bearing Zone

For Ground Water Survey Consultancy

S. Singh
Geophysicist

Specializations In

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

70 - 73m - 3m
 82 - 88m - 6m
 104.5 - 107.5m - 3m
 117 - 123m - 6m
 137 - 149m - 12m

Lowering data - 16-5-2024

Sahlgawan Nagaria W/S
 Block - Amariga
 Dist - Pilibhit

Logging Report

69 - 74m - medium sand
 81 - 89m - medium sand
 103 - 109m - medium sand
 115 - 126m - medium sand
 135 - 154m - medium sand

300mm (H-P) 150mm (P-P) 150mm (S-P)

① 6.00	① 6.00	① 6.00 (3.0+3.0)
② 6.00	② 6.01	② 6.00 ✓
③ 6.04	③ 6.01	③ 6.00 ✓
④ 6.04	④ 6.02	④ 6.03 ✓
⑤ 6.02	⑤ 6.00 (4.15)	⑤ 6.01 ✓
⑥ 6.01	⑥ 6.02 (1.8)	⑥ 6.01 ✓
⑦ 6.01	⑦ 6.00 (3.0+3.0)	⑦ 6.01 ✓
	⑧ 6.01	
	⑨ 6.02	
	⑩ 6.03 (4.5+1.5)	
	⑪ 6.04	
	⑫ 6.04	
	✓ 6.00	
	✓ 6.00 (3.0+3.0)	
	✓ 6.00	

300mm (H-P) 150mm (P-P) 150mm (S-P)

① 6.00	① 6.00	① 3.00
② 6.00	② 6.01	② 6.00
③ 6.04	③ 6.01	③ 3.00
④ 6.04	④ 6.02	④ 6.00
⑤ 6.02	⑤ 4.15	⑤ 6.03
⑥ 6.01	⑥ 6.02	⑥ 6.01
⑦ 6.01	⑦ 3.00	
	⑧ 6.01	30.04m
	⑨ 6.02	
	⑩ 4.50	
	⑪ 6.04	
	⑫ 3.00	
	⑬ 6.04	
	⑭ 6.00	
	⑮ 3.00	
	⑯ 6.00	
	83.82m	

AE 16-5-2024

