

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date...28-08-2023...

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

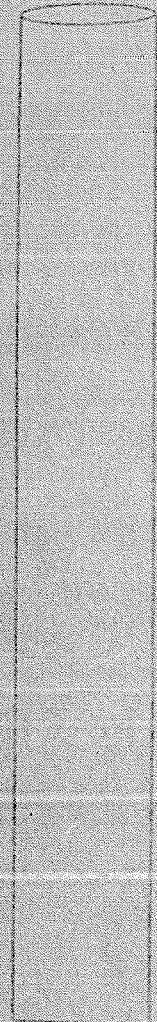
Name Of Agency-...Vishwanath Environment...Balaji Borewell.....

Village -...Sunderpur..... Block-...Ruranpur.....

District-...Kilbhit..... Logging Depth-...130 mtr.....

Drilling Depth-...130 mtr..... Water Level-...11 mtr.....

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 11	Fine Sand	
3	11 - 20	clay KanKar	
4	20 - 25	Fine Sand	Good
5	25 - 44	clay KanKar	
6	44 - 47	Fine Sand	Good
7	47 - 51	clay KanKar	
8	51 - 61*	medium Sand	Good
9	61 - 70	dry KanKar	
10	70 - 95*	medium Sand	Good
11	95 - 105	clay KanKar	
12	105 - 112*	Fine to med Sand	Good
13	112 - 117	clay KanKar	
14	117 - 125*	medium Sand + Kan	Good
15	125 - 130	clay KanKar	
16			
17			
18			
19			
20			
21			
22			
23			



* Expected Water Bearing Zone

For Ground Water Survey Consultancy

[Signature]
Geophysicist

Specializations In

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

Sunderpura & Zother G.P. wss Under JIM Programme

Block - Purohpus Distt - Pilibhit

D - 130M (600x500)mmφ

L - 120M (300x200)mmφ

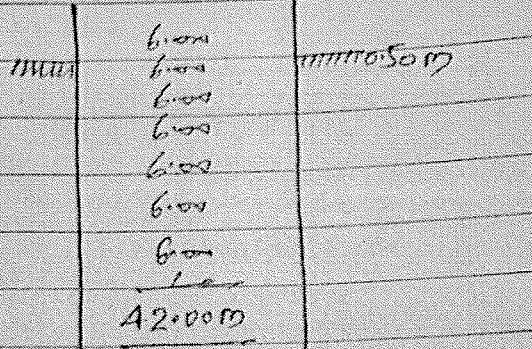
DL-28/08/23

Discharge-1200 LPM

15KW

Stator As per Logger -
 51-61M - Medium Sand
 70-95M - Medium Sand
 105-112M - fine to med Sand
 117-125M - Med. Sand & Rank.

K-300mmφ



300 mmφ (H.P) 200 mmφ (L.P) 200 mmφ (S.P)

6.00	6.00	3.00
6.00	6.00	6.00
6.00	3.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	3.00
6.00	6.00	3.00
6.00	3.00	3.00
1	6.00	27.00M
42.00M	48.00M	

6.00	15		41.50M
6.00	14		41.65M
3.00	13	(P.S)	56.65M
3.00	12		59.65M
6.00	11		
6.00	10	(P.S)	71.65M
6.00	9		
6.00	8		
6.00	7		
3.00	6		92.65M
6.00	5	(P.S)	
6.00	4		
3.00	3	(P.S)	107.65M
3.00	2		110.65M
6.00	1	(P.S)	116.65M

300mmφ (H.P) = 42.00M
 200mmφ (L.P) = 48.00M
 200mmφ (S.P) = 27.00M
 (300x200)mmφ Fed - 0.15M
 Total = 117.15M



A.G.L = 0.50M
 B.G.L = 116.65M
 Total = 117.15M

K-300mmφ

TUBEWELL ASSEMBLY CHART	
PROJECT:	RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM
EPC CONTRACTOR:	VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.:	564/ED/PHASE-III/2023-24/IV
SCHEME NAME:	SUNDERPUR
LOA NO.:	564/ED/PHASE-III/2023-24/IV-200606885
BLOCK:	PURANPUR
LOWERING DATE:	28/08/2023

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	48.00	200 mm
3	SLOTTED PIPES	27.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.15 M
200 mm	MM DIA PLAIN PIPES		48.00 M
200 mm	MM DIA SLOTTED PIPES		27.00 M
TOTAL DEPTH			117.15 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			116.65 M

LOGGING REPOET AS-	
51 M	61 M Medium sand
70 M	95 M Medium sand
105 M	112 M Fine to Medium sand
117 M	125 M Medium sand

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

