



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 05-07-23

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONNES

Name Of Agency..... Water Survey, Environment, R.D. Dept., Bikaner, Bikaner
 Village..... Dhaguntpur..... Block..... Puranpur
 District..... Alwar..... 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 - 20	clay Kankar	
3	20 - 25	Fine Sand	
4	25 - 30	clay Kankar	
5	30 - 35	Fine to med Sand	Good
6	35 - 38	clay Kankar	
7	38 - 58*	medium Sand	Good
8	58 - 61	clay Kankar	
9	61 - 72*	medium Sand	Good
10	72 - 85	clay Kankar	
11	85 - 95*	Fine to med Sand	Good
12	95 - 100	clay Kankar	
13	100 - 110*	medium Sand	Good
14	110 - 115	clay Kankar	
15	115 - 130*	medium Sand	Good
16	130 - 135	clay Kankar	
17	135 - 142*	medium Sand	Good
18	142 - 150	clay Kankar	
19			
20			
21			
22			
23			



* Expected Water Bearing Zone

For Ground Water Survey Consultancy

V.S. D.R.
 Geophysicist

Specializations In

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

07

December

2021

WA-50 541-024 7/6

Anandpur Urf Bhagwantpur and other G.P. wss Under JSM Proj.
Block - Punjab Distt - Punjab

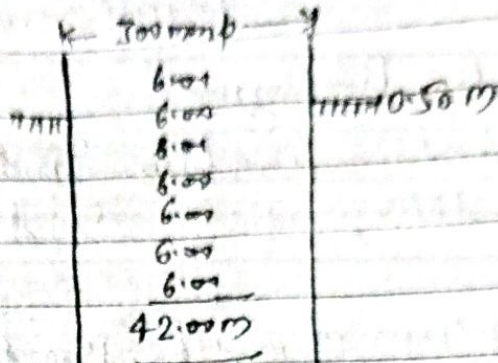
DL-05/07/23

D - 150m (60x50) mm
L - 140m (30x20) mm

Exchange - 1540 LPM

Quota As Per Logger -

- 58-58m - Medium Sand
- 61-72m - Medium Sand
- 85-95m - fine to Med. Sand
- 100-110m - Medium Sand
- 115-150m - Medium Sand



300 mm φ (H.P) 200 mm φ (P.P) 200 mm φ (S.P)

300 mm φ (H.P)	200 mm φ (P.P)	200 mm φ (S.P)	Well Diameter	Depth (m)	Remarks	Total Depth (m)
6.00	6.00	6.00	600			41.50 m
6.00	6.00	2.00	600	19		41.65 m
6.00	3.00	6.00	600	18		
6.00	6.00	6.00	600	17		
6.00	4.00	1.00	600	16		
6.00	6.00	6.00	300	15	(Ch)	62.65 m
42.00 m	6.00	33.00 m	600	14		
	2.00		200	13		70.65 m
	6.00		600	12		
300 mm φ (H.P) = 42.00 m			400	11	(Ch)	86.65 m
200 mm φ (P.P) = 60.00 m			600	10		92.65 m
200 mm φ (S.P) = 33.00 m			600	9		
(300x20) mm φ Red = 0.15 m			200	8	(Ch)	106.65 m
Total = 135.15 m			600	7		
A.G.L = 0.50 m			100	6		108.65 m
B.B.L = 134.65 m			600	5		
			200	4	(Ch)	116.65 m
			600	3		
			600	2		128.65 m
			600	1	(Ch)	134.65 m

DECEMBER 21

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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TUBEWELL ASSEMBLY CHART	
PROJECT:	RURAL WATER SUPPLY SCHEME UNDER SW/SM/JM
EPC CONTRACTOR:	VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.:	563/ED/PHASE-III/2022-23/III
SCHEME NAME:	BHAGWANTAPUR
LOA NO.:	563/ED/PHASE-III/2022-23/III-20067/116
BLOCK:	PURANPUR
LOWERING DATE:	5/7/2023

LIST OF TUBE WELL ASSEMBLY UNITS			
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	60.00	200 mm
3	SLOTTED PIPES	33.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.15 M
200 mm	MM DIA PLAIN PIPES		60.00 M
200 mm	MM DIA SLOTTED PIPES		33.00 M
TOTAL DEPTH			135.15 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			134.65 M

LOGGING REPOET AS-	
38 M	Medium sand
61 M	Medium sand
85 M	Fine & Medium sand
100 M	Medium sand
115 M	Medium sand

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M/S BLG CONSTRUCTION
(TPI)

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

