



# M/S E.R. TECHNOLOGIES

GSTIN. 03BNPPS2540N1ZK

(Govt. Contractor of PH & Civil Works & Electrical Works)

(Specialist in: Deep Tube well, Sick Tube well, Geological and Hydro-Geological Survey, Electric Logging of Borehole, Videography of Borehole, Water Sample & Soil Testing etc.)

Ref. ....

Dated.....5/08/2023.....

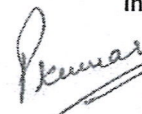
## LOGGING DATA

Name of agency	Vishwaraj Environment Pvt Ltd., Atal power Infra
Location	Firsa Churrah
Block	Bilsanda
District	Pilibhit
Depth drilled (mbgl)	150
Depth logged (mbgl)	150
Water level (m)	5

### Log Report of Firsa Churrah, block Bilsanda, district Pilibhit, Uttar Pradesh

Sr. No	Depth Range (m)		Zone Thickness(m)	LON -64" N Resistivity (ohm.m)	Probable Strata	Expected water Quality
	From	To				
1	0.00	5.00	5.00	20	Top Soil	-
2	5.00	9.00	4.00	40	Clay	-
3	9.00	15.00	6.00	68	Medium Coarse Sand	-
4	15.00	41.00	26.00	45	Sandy Clay	-
5	41.00	50.00	9.00	73	Medium Coarse Sand	-
6	50.00	54.00	4.00	40	Clay	-
7	54.00	65.00	11.00	68	Medium Coarse Sand	Good
8	65.00	71.00	6.00	40	Clay	-
9	71.00	77.00	6.00	70	Medium Coarse Sand	Good
10	77.00	85.00	8.00	40	Clay	-
11	85.00	90.00	5.00	60	Medium Sand	Good
12	90.00	93.00	3.00	37	Clay	-
13	93.00	96.00	3.00	60	Medium Sand	Good
14	96.00	99.00	3.00	38	Clay	-
15	99.00	110.00	11.00	70	Medium Coarse Sand	Good
16	110.00	116.00	6.00	40	Clay	-
17	116.00	120.00	4.00	63	Medium Sand	Good
18	120.00	125.00	5.00	40	Clay	-
19	125.00	136.00	11.00	60	Medium Sand	Good
20	136.00	140.00	4.00	40	Clay	-
21	140.00	150.00	10.00	60	Medium Sand	Good

Interpretation done by...

  
PARKASH KUMAR  
MSc. (Hons) Geology

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IIIrd- Phase  
 Lowering of Firsa churra well scheme Distt - Pilibhit Block - B. B. land  
 T.W. size - 300x200mm lowering date - 10/01/23 discharge - 1570 lpm / 150/140

42/30/60

300mm housing pipe

- 1- 6.00
- 2- 6.00
- 3- 6.00
- 4- 6.00
- 5- 6.00
- 6- 6.00
- 7- 6.00

42.00M

200mm plain pipe

- 1- 6.00 ← 3.00M
- 2- 6.00 ← 2.00M
- 3- 6.02
- 4- 6.03
- 5- 6.01
- 6- 6.01
- 7- 6.02
- 8- 6.03
- 9- 6.02
- 10- 6.02
- 11- 6.01
- 12- 6.02

72.20M

200mm slotted pipe

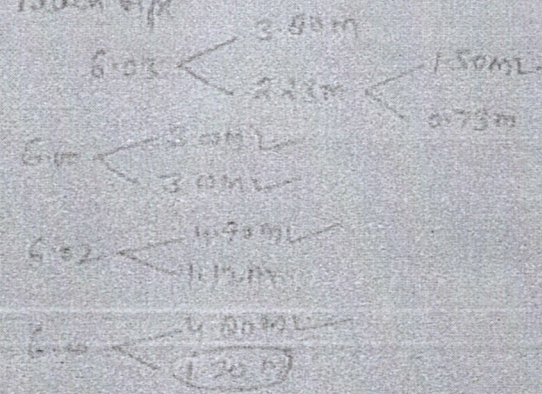
- 1- 6.00 L
- 2- 6.00 L
- 3- 6.00 L
- 4- 6.00 L
- 5- 4.00

20.00M  
 6.00 ← 3.00M  
 3.00M

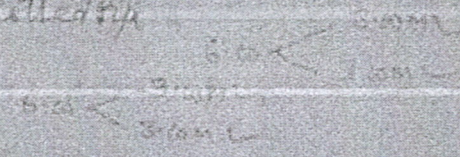
Logging Report As:-

54m	65m	m. Coarse Sand	6M
71m	77m	" " "	3M
85m	90m	m. Sand	3M
99m	110m	m. Coarse Sand	6+3
125m	136m	m. Sand	6+3

Plain pipe

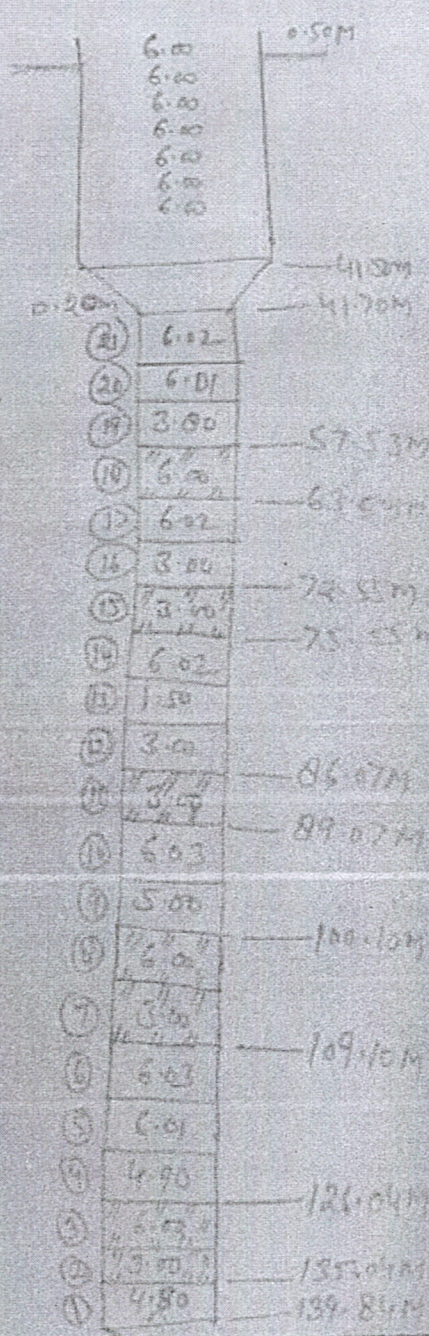


Slotted pipe



300mm housing pipe	42.00M
300x200mm Lidum	3.20M
200mm plain pipe	68.10M
200mm slotted pipe	30.00M
	143.30M

8.50M  
 139.80M





**TUBEWELL ASSEMBLY CHART**

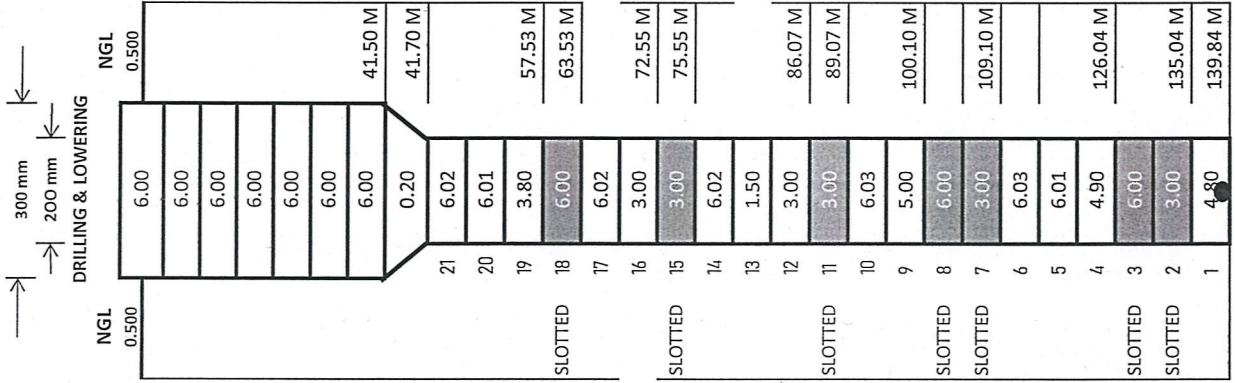
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JIM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 564/ED/PHASE-III/2022-23/IV
SCHEME NAME: FIRSA CHURRA
LOA NO.: 564/ED/PHASE-III/2022-23/IV-20060618
BLOCK: BISALPUR
LOWERING DATE: 10/8/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

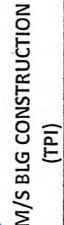
SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	68.14	200 mm
3	SLOTTED PIPES	30.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.20 M
200 mm	MM DIA PLAIN PIPES		68.14 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			140.34 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			139.84 M

**LOGGING REPOET AS-**

54 M	65 M	Medium Course sand
71 M	77 M	Medium Course sand
85 M	90 M	Medium sand
99 M	110 M	Medium Course sand
125 M	136 M	Medium sand



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

  
 M/S BIG CONSTRUCTION  
 (TPI)