

GEOPHYSICAL SURVEY SITES

Serial Number	SITE NAME	GP NAME	BLOCK NAME
1	BARAGRAM	HURA	HURA
2	NIASA	BADGA	PUNCHA
3	PORADI	LAKRA	PUNCHA
4	GUNIADA	GOPALPUR	HIRABANDH
5	ARALBARA	MOLIAN	HIRABANDH
6	BANSIDI	BHEDUASOLE	INDPUR
7	GHARPATHAR	GAURBAZAR	INDPUR
8	KAWABASA	CHURAMONIPUR	ONDA
9	Mirgi Sahari KAWABASA	CHURAMONIPUR	ONDA
10	BARALEEDYA	BANKURA I	BANKURA I
11	BAROMASYA	TALDANGRA	TALDANGRA
12	BRINDABANPUR	AMDANGA	TALDANGRA
13	RAMPUR	HARMASRA	TALDANGRA
14	KHARJURIA	PARSOLA	SIMLAPAL
15	KUSUMDUNRI	SIMLAPAL	SIMLAPAL
16	PACHAPARAR	MANDALGRAM	SIMLAPAL
17	BARKOLA	RANIBANDH	RANIBANDH
18	MAKAL RANGI	SARENKA	SARENKA
19	BABUDANGA	AMLASULI	GARBETA II
20	METYAL	PATHARPARA	GARBETA II

(E) Manipur - 6.5 pH

149 TDS

294 FC

Beldanga - pH - 6.25

TDS - 941

EC - 897

Temp - 28.3

Fluoride sites

	Spot Name	Gram Panchayet	Block name
NEAR BARAGRAM	LEADADIH JAHER, LEADADIH MAJHITHAN	HURA	HURA
AT THE MIDDLE OF NIASA PORADI, AND GUNIADA	AMTAKANALI DHADKA	LAKHRA pH - 6.68 TDS - 244 EC - 489 Temp - 27.8	PUNCHA
AT THE MIDDLE OF RAMPUR, BAROMESYA, AND KUSUMDUNRI	DEULI (2 SITES)	BIBARDA	TALDANGRA
AT THE MIDDLE OF GHARPATHAR, RAAMPUR, BAROMESYA	BELDANGRA (2 SITES) JHARIA (2 SITES)	KHALGRAM	TALDANGRA
AT THE MIDDLE OF KHAJURIA, KUSUMDUNRI AND SUSHINIA	BARDI KHAJURIA	BIKRAMPUR	SIMLAPAL

Niasa \rightarrow pH = 7.11, TDS = 8.64, EC = 1735, T = 27.8°C
(Lakhra)

Gharpathar \rightarrow pH = 6.51, TDS = 150, T = 30.5°C

Manipura \rightarrow pH = 6.5, TDS = 149, EC = 294

Beldangra \rightarrow pH = 6.25, TDS = 441, EC = 897, T = 28.3

Baragram \rightarrow pH = 7.24, TDS = 280, EC = 610, T = 27.8

Poradi \rightarrow x

Lakshmisagan

Baromesya \rightarrow pH = 6.32, TDS = 75, EC = 150, T = 28°C

Lakshmisagan \rightarrow T = 29°C, TDS = 83, pH = 7.23, EC = 150

Pacharana \rightarrow pH = 5.65, TDS = 6, EC = 16, T = 27.8

Khanjunia \rightarrow pH = 6.59, TDS = 197, EC = 388, T = 26°C

VES Sheet

GWL = 4.10 m
Wall ht = 6.45 m

PH = 6.32

TDS = 75

EC = 150

T = 28°C

Area: Banameshy a

Location: N 23° 01' 31.07" E 087° 09' 59.90"

Elevation - 74.

40.15
0.16773

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		342.33		0.00691	
6	0.5	112.35		164.32		0.01716	
10	0.5	313.5		64.64		0.07350	
10	2.0	75.42		53.66		0.10205	
15	2.0	173.64		81.54		0.02619	
20	2.0	311.14		271.45		0.00527	
25	2.0	487.93		110.98		0.09120	
30	2.0	704		184.57		0.02925	
40	2.0	1254		31.42		0.23916	
40	8.0	301.71					
50	8.0	478.50		99.89		0.03782	
60	8.0	694.51		202.58		0.02504	
70	8.0	949.92		133.15		0.04215	
80	8.0	1244.57		116.12		0.05239	
100	8.0	1951.71		61.38		0.11296	
100	20.0	754.20		61.50		0.38209	
120	20.0	1100		110.06		0.06980	
140	20.0	1508.57		148.60		0.01402	
160	20.0	1980		33.71		0.16721	
160	30.0	1293.61		89.71		0.15114	
180	30.0	1650		36.87		0.08916	
200	30.0	2048.10		98.18		0.13025	
200	40.0	1508.57		18.45		0.13449	
220	40.0	1838.57		34.76		0.39393	
240	40.0	2200		44.67		0.22937	
260	40.0	2592.86		129.25		0.01910	
280	40.0	3017.14		28.59		0.65887	
300	40.0	3472.88		25.85		0.70974	

VES Sheet

Area: Bansidi

Location: N $23^{\circ} 36' 28''$
E $086^{\circ} 53' 07.08''$

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		279.24		1.16795	
6	0.5	112.35		191.80		0.19018	
10	0.5	313.5		350.77		0.09129	
10	2.0	75.42		358.96		0.05760	
15	2.0	173.64		169.21		0.16179	
20	2.0	311.14		239.54		0.01781	
25	2.0	487.93		141.96		0.09226	
30	2.0	704		169.94		0.09573	
40	2.0	1254		310.22		0.01899	
40	8.0	301.71		312.93		0.01970	
50	8.0	478.50		403.23		0.00879	
60	8.0	694.51		306.88		0.00823	
70	8.0	949.92		147.51		0.06800	
80	8.0	1244.57		266.88		0.02928	
100	8.0	1951.71		221.45		0.0438	
100	20.0	754.20		225.12		0.11028	
120	20.0	1100		289.16		0.01199	
140	20.0	1508.57		583.40		0.00730	
160	20.0	1980		659.88		0.00649	
160	30.0	1293.61		166.7		0.03889	
180	30.0	1650		192.05		0.02399	
200	30.0	2048.10		323.21		0.02862	
200	40.0	1508.57		323.31		0.03137	
220	40.0	1838.57		331.20		0.04409	
240	40.0	2200		1103.49		0.02312	
260	40.0	2592.86		348.93		0.01279	
280	40.0	3017.14		2459.66		0.00139	
300	40.0	3472.88		389.69		0.00635	

VES Sheet

Area: Rampur

Location:

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		167.01	1.37485		
6	0.5	112.35		98.49	0.35663		
10	0.5	313.5		193.54	0.11452		
10	2.0	75.42		194.52	0.53492		
15	2.0	173.64		186.20	0.17677		
20	2.0	311.14		145.76	0.09472		
25	2.0	487.93		114.39	0.06262		
30	2.0	704		105.97	0.04350		
40	2.0	1254		104.09	0.02678		
40	8.0	301.71		105.36	0.12535		
50	8.0	478.50		118.59	0.09101		
60	8.0	694.51		223.87	0.06802		
70	8.0	949.92		109.38	0.06075	0.06089	
80	8.0	1244.57		171.09	0.04643		
100	8.0	1951.71		180.36	0.03720		
100	20.0	754.20		181.07	0.09672		
120	20.0	1100		163.02	0.08024		
140	20.0	1508.57		183.40	0.07081		
160	20.0	1980		53.49	0.06424		
160	30.0	1293.61		60.83	0.10332		
180	30.0	1650		157.86	0.08816		
200	30.0	2048.10		199.37	0.07723		
200	40.0	1508.57		200.98	0.488	0.38105	
220	40.0	1838.57		174.03	0.10483		
240	40.0	2200		165.96	0.09220		
260	40.0	2592.86		141.91	0.97962		
280	40.0	3017.14					
300	40.0	3472.88					

VES Sheet

Area: Upas Mai bad

Location: N $23^{\circ}02'09.03''$
E $086^{\circ}52'55.14''$

Elevation $\rightarrow 134$

Tubewell
TDS = 513 ppm
temp = $20^{\circ}C$
pH = 6.89
EC = $1023 \mu S$

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5					
6	0.51	112.35		361.10		0.00428	
10	0.51	313.5		330.09		0.05907	
10	2.0	75.42		182.34		0.25977	
15	2.0	173.64		328.63		0.06989	
20	2.0	311.14		347.60		0.02309	
25	2.0	487.93		181.01		6.85850	
30	2.0	704		9.30		19.5792	
40	2.0	1254		266.8		0.09191	
40	8.0	301.71		268.59		0.02206	
50	8.0	478.50		56.39		1.66483	
60	8.0	694.51		278.57		0.11272	
70	8.0	949.92		239.39		0.15373	
80	8.0	1244.57		178.22		0.16756	
100	8.0	1951.71		217.57		0.16253	
100	20.0	754.20		220.17		0.15889	
120	20.0	1100		242.83		0.05632	
140	20.0	1508.57		358.31		0.01559	
160	20.0	1980		378.82		0.07520	
160	30.0	1293.61		310.37		0.08911	
180	30.0	1650		180.19		0.04787	
200	30.0	2048.10		239.62		0.08991	
200	40.0	1508.57		235.97		0.08150	
220	40.0	1838.57		215.72		0.07343	
240	40.0	2200		345.09		0.06805	
260	40.0	2592.86		321.86		0.05084	
280	40.0	3017.14		369.31		0.04391	
300	40.0	3472.88		259.42		0.07199	

VES Sheet

Area: Paehapanan

pH - 5.65
TDS - 6 ppm
EC - 16 MS
Temp - °C 27.8 °C

Location:

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		23.31		0.27999	
6	0.5	112.35		28.16		0.24011	
10	0.5	313.5		17.67		0.09579	
10	2.0	75.42		17.71		7.00113	
15	2.0	173.64		20.35		1.91565	
20	2.0	311.14		19.67		0.82671	
25	2.0	487.93		12.39		0.25317	
30	2.0	704		17.70		0.35963	
40	2.0	1254					
40	8.0	301.71		10.62		0.50895	
50	8.0	478.50		10.02		0.29469	
60	8.0	694.51		22.93		0.19548	
70	8.0	949.92		14.97		0.14045	
80	8.0	1244.57		43.87		0.0 0.10067	
100	8.0	1951.71		11.78		0.05833	
100	20.0	754.20		11.87		0.16953	
120	20.0	1100		17.52		0.10702	
140	20.0	1508.57		11.30		0.09145	
160	20.0	1980		26			
160	30.0	1293.61		65.97		0.05959	
180	30.0	1650		19.36		0.06665	
200	30.0	2048.10					
200	40.0	1508.57		40.92		0.05320	
220	40.0	1838.57		15.0 46.87		0.04087	
240	40.0	2200		26.16		0.06529	
260	40.0	2592.86		14.14 78		0.61655	
280	40.0	3017.14		15.49		0.43463	
300	40.0	3472.88		20		0.11823	
				19.92			

VES Sheet

Area: Baradpam

Location: N $23^{\circ} 14' 57.44''$
E $86^{\circ} 37' 44.10''$

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		32.50		0.91046	
6	0.5	112.35		81.89		0.05831	
10	0.5	313.5		108.64		0.02900	
10	2.0	75.42		109.5		0.02648	
15	2.0	173.64		69.79		0.04052	
20	2.0	311.14		54.12		0.10184	
25	2.0	487.93		300.27		0.03691	
30	2.0	704		80.11		0.06392	
40	2.0	1254		77.31		0.00676	
40	10.0	301.71		215.82		0.00967	
50	10.0	478.50		89.40		0.03537	
60	10.0	694.51		57.94		0.10703	
70	10.0	949.92		25.06		0.25822	
80	10.0	1244.57		50.38		0.04656	
100	10.0	1951.71		127.62		0.02573	
100	20.0	754.20		338.11		0.01119	
120	20.0	1100		59.15		0.18924	
140	20.0	1508.57		88.27		0.11711	
160	20.0	1980		305.37		0.00597	
160	30.0	1293.61					
180	30.0	1650		100.30		0.43400	
200	30.0	2048.10		40.97		0.13174	
200	40.0	1508.57		11.17		0.06059	
220	40.0	1838.57		48.34		0.26338	
240	40.0	2200		11.79		2.44339	
260	40.0	2592.86		12.21		2.16051	
280	40.0	3017.14					
300	40.0	3472.88					

Water Samples. - Baradpam. $23^{\circ} 14' 55.19''$
86° 38' 13.18 "

pH - 7.24

TDS - 280

EC - 610

Temp - 27.8

VES Sheet

Tubewell - PH-5.51

EC - 56 ms
TDS - 28 ppm

Area: Kanabasa

Location: N 28° 06' 40.21"
E 087° 06' 51.04".

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		7.55		32.8794	
6	0.5	112.35		4.71		3.45373	
10	0.5	313.5		3.96		1.02065	
10	2.0	75.42		3.99		2.97677	
15	2.0	173.64		7.37		1.02421	
20	2.0	311.14		3.89		0.65059	
25	2.0	487.93		5.56		0.38466	
30	2.0	704		7.53		0.26048	
40	2.0	1254		21.64		0.13357	
40	8.0	301.71		21.71		0.49603	
50	8.0	478.50		10.86		0.31413	
60	8.0	694.51		10.53		0.22138	
70	8.0	949.92		10.99		0.15056	
80	8.0	1244.57		11.97		0.11752	
100	8.0	1951.71		14.56		0.07137	
100	20.0	754.20		15.79		0.19658	
120	20.0	1100		18.18		0.11199	
140	20.0	1508.57		35.12		0.08423	
160	20.0	1980		62.80		0.04868	
180	30.0	1293.61		63.02		0.07164	
200	30.0	1650		14.95		0.07388	
200	30.0	2048.10		20.03		0.04061	
200	40.0	1508.57		6.81		0.06879	
220	40.0	1838.57		16.04		0.03702	
240	40.0	2200					
260	40.0	2592.86					
280	40.0	3017.14					
300	40.0	3472.88					

1.02065.

Tubewell Water sample

pH \rightarrow 6.51

TDS \rightarrow 150

Temp \rightarrow 30.5°C

VES Sheet

Dugwell

Well depth \rightarrow 1.21 m

Wall height \rightarrow 0.66 m

Area: Ghanpathar

Location:

N $23^{\circ} 06' 34.49''$
E $086^{\circ} 59' 07.32''$

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		34.35		0.09813	
6	0.5	112.35		44.04		0.11666	
10	0.5	313.5		35.99		0.29642	
10	2.0	75.42		37.23		0.040155	
15	2.0	173.64		157.30		0.20308	
20	2.0	311.14		78.16		0.12199	
25	2.0	487.93		76.65		0.10048	
30	2.0	704		42.26		0.65889	
40	2.0	1254		72.97		0.14382	
40	8.0	301.71		74.06		0.23919	
50	8.0	478.50		87.54		0.18312	
60	8.0	694.51		126.37		0.06945	
70	8.0	949.92		102.66		0.07356	
80	8.0	1244.57		75.25		0.20150	
100	8.0	1951.71		75.59		0.33561	
100	20.0	754.20		75.89		0.19976	
120	20.0	1100		410.13		0.15802	
140	20.0	1508.57		44.19		0.12378	
160	20.0	1980		75.26		0.1089	
160	30.0	1293.61		76.31		0.17355	
180	30.0	1650		63.07		0.14007	
200	30.0	2048.10		76.43	0	0.12207	
200	40.0	1508.57		77.11		0.16633	
220	40.0	1838.57		61.26		0.15099	
240	40.0	2200		45.39		0.13348	
260	40.0	2592.86					
280	40.0	3017.14					
300	40.0	3472.88					

VES Sheet

Area: Niara

Location: N $23^{\circ}11'34''$
E $086^{\circ}41'34.60''$

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		150.27		0.97487	
5	0.5	112.35		126.00		0.23376	
10	0.5	313.5		330.75		0.03705	
10	2.0	75.42		242.00		0.02548	
15	2.0	173.64		532.65		0.00212	
20	2.0	311.14		545.39		0.00479	
25	2.0	487.93		607.92		0.0262	
30	2.0	794		506.39		0.00953	
40	2.0	1254		538.65		0.01381	
40	8.0	301.71		523.25		0.01132	
50	8.0	478.50		620.29		0.01334	
60	8.0	694.51		553.18		0.12939	
70	8.0	949.92		297.15		0.68130	
80	8.0	1244.57		128.27		0.13001	
100	8.0	1951.71		315.22		0.09359	
100	20.0	754.20		316.07		0.11100	
120	20.0	1100		255.30		0.17790	
140	20.0	1508.57		167.25		0.14825	
150	20.0	1980		195.47		0.12539	
160	30.0	1293.61		195.17		0.18584	
180	30.0	1650		189.47		0.12901	
200	30.0	2048.10		125.22		0.21130	
200	40.0	1508.57		125.06		0.20719	
220	40.0	1838.57		260.90		0.15608	
240	40.0	2200		230.57		0.10225	
260	40.0	2592.86		134.62		0.15752	
280	40.0	3017.14		128.62		0.14338	
300	40.0	3472.83		120.66		0.10519	

Niara — pH ~ 7.11 —

TDS - 864 —

EC - ~~864~~ 1735 —

Temp - 27.8°C

VES Sheet

Area: Ponnadi

Well - 6.92 m
N 23° 7' 38.19" E
E 86° 40' 54.85" W

Wall Height 0.41 m

Location: N 23° 07' 07.11" E 086° 39' 52.35"

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
6.3	0.5	27.5		173.68		0.15657	
10.6	0.5	112.35		57.45		0.30941	
10.10	0.5 2.0	313.5		55.01		0.29230	
10	2.0	75.42					
15	2.0	173.64		79.22		0.25406	
20	2.0	311.14		41.71		0.81291	
25	2.0	487.93		56.39		0.12091	
30	2.0	704		103.35		0.14420	
40	2.0	1254		335.64		0.06809	
40	8.0	301.71		334.65		0.01182	
50	8.0	478.50		367.10		0.00059	
60	8.0	694.51		95.20		0.01873	
70	8.0	949.92		313.59		0.20213	
80	8.0	1244.57		107.35		0.01722	
100	8.0	1951.71		132.66		0.01100	
100	20.0	754.20		351.57		0.01149	
120	20.0	1100		118.49		0.02090	
140	20.0	1508.57		254.21		0.01533	
160	20.0	1980		176.21		0.02297	
160	30.0	1293.61		174.91		0.02209	
180	30.0	1650		196.45		0.01397	
200	30.0	2048.10		190.15		0.00843	
200	40.0	1508.57		190.74		0.00549	
220	40.0	1838.57		849.34		0.05979	
240	40.0	2200		90.31		0.02776	
260	40.0 80	2592.86		231.43		0.00629	
280	40.0 80	3017.14		51.16		1.54575	
300	40.0	3472.88		109.99		0.19749	

Date - 28.02.22

132.44
0.10739

VES Sheet

Area: *Antalbata*

Location: *23° 06' 53.55"* *Elevation - 161.m*
86° 47' 03.21"

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		16.26	0.92771		
6	0.5	112.35		31.41	0.34820		
10	0.5	313.5		27.32	0.21432		
10	2.0	75.42		27.26	0.21432		
15	2.0	173.64		22.60	0.28786		
20	2.0	311.14		25.85	0.50944		
25	2.0	487.93		15.68	0.64641		
30	2.0	704		14.27	0.37		
40	2.0	1254		18.53	1.93853		
40	8.0	301.71		40.86	0.344415		
50	8.0	478.50		22.08	0.41683		
60	8.0	694.51		20.61	0.54870		
70	8.0	949.92		28.82	2.05821		
80	8.0	1244.57		22.24	1.08859		
100	8.0	1951.71		29.58	0.25899		0.43553
100	20.0	754.20		29.93	0.25899		
120	20.0	1100		68.27	1.92119		
140	20.0	1508.57		25.68	4.06855		
160	20.0	1980		40.09	2.53118		
160	30.0	1293.61		40.44	1.99040		
180	30.0	1650		46.87	0.37736		
200	30.0	2048.10		29.60	2.16304		
200	40.0	1508.57		30.12	2.53591		
220	40.0	1838.57		36.58	2.01371		
240	40.0	2200		39.29	0.24289		
260	40.0	2592.86		38.70	1.98879		
280	40.0	3017.14		48.07	2.27153		
300	40.0	3472.88		74.22	0.57480		

VES Sheet

Area: **Kalaboti (Susuニア).**

Location: **N 22° 51' 55.55"**
E 087° 04' 49.75"

Elevation
85m

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		30.07		14.9171	
6	0.5	112.35		31.95		3.04999	
10	0.5	313.5		35.98		0.20077	
10	2.0	75.42		37.52		1.60783	
15	2.0	173.64		66.32		0.81781	
20	2.0	311.14		55.39		0.12873	
25	2.0	487.93		48.81		0.12076	
30	2.0	704		50.24		0.09063	
40	2.0	814	1254	76.26		0.18061	
40	8.0	301.71					
50	8.0	478.50		76.26		0.18063	
60	8.0	694.51		62.33		0.188041	
70	8.0	949.92					
80	8.0	1244.57		39.04		0.09100	
100	8.0	1951.71		18.71		0.06803	
100	20.0	1754.20		18.75		7.02263	connect 18.75. 2.03263
120	20.0	1100		37.93		0.53764	
140	20.0	1508.57		24.43		1.00012	
160	20.0	1980		18.98		1.66257	
160	30.0	1293.61		17.97		0.77480	
180	30.0	1650		10.66		0.03978	
200	30.0	2048.10					
200	40.0	1508.57		38.37		0.05919	
220	40.0	1838.57		99.00		0.04098	
240	40.0	2200		123.29		0.03191	
260	40.0	2592.86		58.97		0.2591	
280	40.0	3017.14		103.10		0.02080	
300	40.0	3472.88		130.81		0.03733	

X 50

100, 10

VES Sheet

Tubewell
EC - 333 uS

Area: Boro Metala

Location: 22°56'07.28" N
086°50'28.75" E

Elevation - 112 m

TDS - 168 ppm
pH - 6.93

Temp - 22.3°C

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		68.14		0.02901	
6	0.5	112.35		295.72		0.00914	
10	0.5	313.5		28.02		0.71595	
10	2.0	75.42		44.38		0.02221	0.18379
15	2.0	173.64		62.99		0.09590	
20	2.0	311.14		44.30		0.88911	
25	2.0	487.93		175.25		0.00561	
30	2.0	704		54.47		0.07459	
40	2.0	1254		52.17		0.51529	
40	8.0	301.71		52.65		0.51119	
50	8.0	478.50		14.12		2.0317	
60	8.0	694.51		30.65		1.14343	
70	8.0	949.92		36.67		0.82615	
80	8.0	1244.57		31.96		0.16506	
100	8.0	1951.71		77.84		0.13306	
100	20.0	754.20		78.73		0.11995	
120	20.0	1100		28.10		0.92149	
140	20.0	1508.57		9.52		0.62723	
160	20.0	1980		60.16		0.32766	
160	30.0	1293.61		10.37		0.28841	
180	30.0	1650		32.94		0.89453	
200	30.0	2048.10		88.97		0.23960	
200	40.0	1508.57		89.32		0.22113	
220	40.0	1838.57		65.45		0.31838	
240	40.0	2200		89.94		0.02196	
260	40.0	2592.86		88.67		0.02500	
280	40.0	3017.14		92.62		0.02371	
300	40.0	3472.88		60.06		0.02389	

VES Sheet

Area: **Kusumdunni**

Location: **N 22° 56' 13.36"**
E 87° 04' 57.59"

Tubewell
PH - 5.88 **Ec - 105 us.**
TD S - 503 ppm
Temp - 29.5°C

Elevation - 93 m

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		16.84	16.9987		
6	0.5	112.35		32.05	32.9982		
10	0.5	313.5		63.14	63.25695		
10	2.0	75.42		58.40	58.46027		
15	2.0	173.64		64.22	64.00169		
20	2.0	311.14		70.06	70.67159		
25	2.0	487.93		29.87	29.49617		
30	2.0	704		49.87	49.29022		
40	2.0	1254		50.165	50.3289		
40	8.0	301.71		51.01	51.56089		
50	8.0	478.50		29.17	29.26339		
60	8.0	694.51		59.17	59.15936		
70	8.0	949.92		78.14	78.09374		
80	8.0	1244.57		137.95	137.06449		
100	8.0	1951.71		72.92	72.03175		
100	20.0	754.20		21.86	21.09486		
120	20.0	1100		130.47	130.05292		
140	20.0	1508.57		120.59	120.03894		
160	20.0	1980		67.65	67.02689		
160	30.0	1293.61		25.77	25.04765		
180	30.0	1650		245.56	245.03671		
200	30.0	2048.10		153.91	153.03374		
200	40.0	1508.57		58.38	58.04974		
220	40.0	1838.57		* 411.44	411.03927		
240	40.0	2200		42.51	42.22539		
260	40.0	2592.86					
280	40.0	3017.14					
300	40.0	3472.88					

VES Sheet

Area: Metyal.

Location: $22^{\circ} 45' 25.69''$
 $87^{\circ} 06' 53.87''$ 94m

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5					
6	0.5	112.35	17.30	0	0.8022	0.35733	
10	0.5	313.5	14.50			0.79768	
10	2.0	75.42	14.57			0.76758	
15	2.0	173.64	3.60			6.89041	
20	2.0	311.14	22.07			0.08290	
25	2.0	487.93	12.45	13.26		0.84344	1.77248
30	2.0	704	16.68			1.22637	
40	2.0	1254	11.99			1.54620	
40	8.0	301.71	12.10			1.55817	
50	8.0	478.50	13.11			0.67360	
60	8.0	694.51	17.58			0.25719	
70	8.0	949.92	17.03			0.33307	
80	8.0	1244.57	18.41			0.56720	
100	8.0	1951.71	11.72			2.66454	
100	20.0	754.20	12.11			2.50656	
120	20.0	1100	32.86			0.46545	
140	20.0	1508.57	26.30			0.31560	31280
160	20.0	1980	6.63	40.69		0.60772	
160	30.0	1293.61	41.59			0.50247	
180	30.0	1650	35.63			0.11794	
210	30.0	2048.10	22.20			1.14362	
210	40.0	1508.57	22.36			1.1941.20708	
220	40.0	1838.57	18.53			0.91447	
240	40.0	2200	33.68			0.03369	
260	40.0	2592.86	20.11			2.282.34556	
280	40.0	3017.14	17.43			0.57662	
300	40.0	3472.88	20.61			1.18050	

pH - 6.59

TDS - 197

EC - 388

Temp - 26°C

Area: Khargunia

Location: 22° 56' 09" 111'
86° 58' 58.63" 98m.VES Sheet

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5	63.26			0.05388	
6	0.5	112.35	183.61			0.02454	
10	0.5	313.5	87.47			0.02999	
10	2.0	75.42	87.40			0.03434	
15	2.0	173.64	125.72			0.06326	
20	2.0	311.14	100.78			0.04362	
25	2.0	487.93	100.99	102.07		0.03221	
30	2.0	704	151.88			0.02651	
40	2.0	1254	45.75			0.02061	
40	8.0	301.71	844.74			0.16640	
50	8.0	478.50	227.63			0.00559	
50	8.0	694.51	72.20			0.14071	
70	8.0	949.92	47.94			0.18196	
80	8.0	1244.57	77.53			0.09332	
100	8.0	1951.71	79.87			0.08138	
100	20.0	754.20	80.14			0.04736	
120	20.0	1100	68.44			0.03570	
140	20.0	1508.57	131.11			0.02941	
160	20.0	1980	148.68			0.02286	
160	30.0	1293.61	135.81			0.01844	
180	30.0	1650	99.54			0.01500	0.4030
200	30.0	2048.10	79.58			0.03390	
200	40.0	1508.57	80.58			0.04741	
220	40.0	1838.57	109.78			0.04458	
240	40.0	2200	115.81			0.04135	
260	40.0	2592.86	71.64			0.04000	
280	40.0	3017.14	123.84			0.03423	
300	40.0	3472.88	101.54			0.03159	

Tube well - 150ft

Water level in

well -

wall height -

VES Sheet

Area: Dumaria J. Garbeta-II, Coaltoe.

Location:

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5	97.86			4.05626	
6	0.5	112.35	40.77			0.88874	
10	0.5	313.5	110.54			0.28542	
10	2.0	75.42	113.08			1.4454	
15	2.0	173.64	548.20			0.65372	
20	2.0	311.14	85.62			0.44638	
25	2.0	487.93	81.51			0.45104	
30	2.0	704	21.64			0.21849	
40	2.0	1254	157.84			0.13462	
40	8.0	301.71	158.62	159.64		0.46090	
50	8.0	478.50	160.159.64	108.24		0.28756	
60	8.0	694.51	7.68			0.19709	
70	8.0	949.92	60.77			0.11879	
80	8.0	1244.57	21.41			0.12469	
100	8.0	1951.71	126.77			0.07240	
100	20.0	754.20	46.84			0.11358	
120	20.0	1100	44.10			0.05464	
140	30.0	1508.57	43.14			0.06046	
160	30.0	1980	42.98			0.04214	
W 160	30.0	1293.61	42.98			0.36398	
180	30.0	1650	4				
200	30.0	2048.10	32.08			0.113195	
200	40.0	1508.57	34.79	103.10		0.8050.03618	
220	40.0	1838.57	14.68			0.10270	
240	40.0	2200	42.23			0.98980	
260	40.0	2592.86	26.28			1.14390	
280	40.0	3017.14	29.74			0.32642	
300	40.0	3472.88	24.91			1.6161	
						1.632837	

VES Sheet

Area:

Kanfapal.

Location:

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
3	0.5	27.5		170.28		0.70910	
6	0.5	112.35		50.78		6.44377	
10	0.5	313.5		66.28		0.39287	
10	2.0	75.42		66.38		0.35663	
15	2.0	173.64		135.27		0.02648	
20	2.0	311.14		69.21		0.20702	
25	2.0	487.93		115.92		0.13144	
30	2.0	704		35.95		0.08709	
40	2.0	1254		14.67		3.027314	
40	8.0	301.71		14.60		2.80201	
50	8.0	478.50		120.74		0.04839	
60	8.0	694.51		150.74		0.04330	
70	8.0	949.92		210.37		0.04725	
80	8.0	1244.57		333.23		0.03092	
100	8.0	1951.71		126.83		0.02106	
100	20.0	754.20		130.46		0.03829	
120	20.0	1100		180.56		0.02277	
140	20.0	1508.57	180.63	199.14		0.04542	0.01573
160	20.0	1980		430.37		0.00973	
160	30.0	1293.61		429.84		0.01526	
180	30.0	1650		299.99		0.01098	
200	30.0	2048.10		32.07		0.00865	
200	40.0	1508.57	102.30	34.06		0.01893	
220	40.0	1838.57	215.70	84.13		0.01653	
240	40.0	2200		758.43		0.00212	
260	40.0	2592.86		147.62		0.416822	
280	40.0	3017.14		779.18		0.00601	
300	40.0	3472.88		248.34		0.04289	

VES Sheet

Area: *Guniada.*

Location: $23^{\circ}08'39.56''$ $182m.$
 $86^{\circ}43'47.11''$

(1)

(R)

AB/2 (m)	MN/2 (m)	Value of K	Range (m.ohm/Ohm)	Current (m.Amp.)	Observed Resistance	Corrected resistance (Ohm)	Apparent resistivity (Ohm-m)
5	0.5	27.5	293.03			0.12736	0.00862
6	0.5	112.35	293.03			0.00862	
10	0.5	313.5	109.77			0.05837	
10	2.0	75.42	111.52			0.31728	
15	2.0	173.64	49.43			0.42922	
20	2.0	311.14	65.78			0.08093	
25	2.0	487.93	77.61			0.10094	
30	2.0	704	172.22			0.15457	
40	2.0	1254	161.86			0.17025	
40	8.0	301.71	167.28			0.29340	
50	8.0	478.50	177.67			0.28715	
60	8.0	694.51	134.49			0.28200	
70	8.0	949.92	112.47			0.18958	
80	8.0	1244.57	127.64			0.16313	
100	8.0	1951.71	107.39			0.220.15375	
100	20.0	754.20	107.77			0.30838	
120	20.0	1100	91.10			0.24653	
140	20.0	1508.57	114.31			0.21804	
160	20.0	1980	83.44			0.19573	
160	30.0	1293.61	93.19			0.25708	
180	30.0	1650	175.75			0.23762	
200	40.0	2048.10	93.95			0.26050	
200	40.0	1508.57	93.95			0.26050	
220	40.0	1838.57	269.11			0.24717	
240	40.0	2200	2188.81			0.23545	
260	40.0	2592.86	5130.37			0.2222720	
280	40.0	3017.14					
300	40.0	3472.88					

Interview schedule with locals

Block: Bern, Metela

Gram panchayat:

Village name:

Date of Interview:

Tube well
water level

Personal Information

1. Name of the Interview person: Binadra Patel
2. Family type: Joint/ Nuclear
3. Number of family member: 2
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓		
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓			
Depth	210 ft			
Distance				
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh ✓	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

1 tube well (5)
house

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
10. Is the groundwater extraction increased in recent days?
Yes No
11. Where you Store water
Drums.....Buckets..... Bottles.....Pot..... 2
12. How many time you go to take water per day.....Number of buckets.....Pots.....
13. Family water consumption for cooking per day.....
14. Family water consumption for drinking per day.....
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
Yes/ No
17. If Yes, Does it is connected with the household water distribution system?
Yes/ No
18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No
20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours
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21. Do you harvest rain water?
Yes/ No.....if Yes how?
22. Do you reuse water?
Yes/ Noif yes how?
23. Do you have any river nearby?
 Yes/ No.....If yes name
24. How far it is (km).....
25. Types of activity performed

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigational		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block:

Taldangon

Gram panchayat:

Boromashya.

Village name:

Date of Interview: 20. 03. 2022

Personal Information

1. Name of the Interview person: Prasanta
2. Family type: Joint/ Nuclear
3. Number of family member: 4
4. Caste : General/ SC/SCT/ OBC/others

GWL → 4.10 m.
wall height = 0.45 m.

pH - 6.32

TDS - 75

EC - 150

Temp - 28. °C

Water Resources Status**Mode of water usages**

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓	✓		
Ground water	✓	✓					
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓			
Depth		180 ft		
Distance				
How many source in the village		10		
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

➤ 2 days	2-3 days	3-4 days	< 3 days

15 houses

9. How many family/Houses take water from the water source.....
10. Is the groundwater extraction increased in recent days?
Yes..... No.....
11. Where you store water
Drums..... Buckets..... Bottles..... Pot.....
12. How many times you go to take water per day..... Number of buckets..... Pots.....
13. Family water consumption for cooking per day..... *3 buckets { 8 buckets }*
14. Family water consumption for drinking per day.....
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
Yes/ No
17. If Yes, Does it is connected with the household water distribution system?
Yes/ No
18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No..... if Yes how?

22. Do you reuse water?

Yes/ No if yes how?

23. Do you have any river nearby?

Yes/ No..... If yes name *Jaypanda*24. How far it is (km)..... *1 km*

25. Types of activity performed

X

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigational		
Waste Disposal		
Defecation		

26. Epidemiology

X

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block: Hirbandh

Gram panchayat: Bokaramurri

Village name: Upar Maiya Banerh

Date of Interview: 01/03

Personal Information

1. Name of the Interview person: Kamal Barman
2. Family type: Joint/ Nuclear
3. Number of family member: 6
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status**Mode of water usages**

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓	✓		
Ground water			✓	✓	✓		
Tap Water	✓	✓	✓	✓	✓		
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
	✓	✗	✗	
Type	Individual	Government	Project fund	Others
Depth		✓	300-250 ft	
Distance		50 m		
How many source in the village	2			
Seasons of Lowered depth (Month)	2021-2022			
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
		✓		
Days of availability	All Day	2 times	More than two times	Monthly/weekly
		Two 3 hrs in a day.		
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many	1 no.			

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days
Everyday			

9. How many family/Houses take water from the water source..... *9 houses*
 10. Is the groundwater extraction increased in recent days?
 Yes..... *No*.....
 11. Where you store water
 Drums..... Buckets..... Bottles..... Pot.....
 12. How many times you go to take water per day..... Number of buckets.... Pots.....
 13. Family water consumption for cooking per day.....
 14. Family water consumption for drinking per day.....
 15. Family water consumption for sanitation per day.....
 16. Do you have tank in your house for water holding?
 Yes/ *No*.....
 17. If Yes, Does it is connected with the household water distribution system?
 Yes/ *No*.....
 18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No..... *X*

20. What type filtration you use? *X*

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?
 Yes/ *No*.....if Yes how?

22. Do you reuse water?
 Yes/ *No*.....if yes how?

23. Do you have any river nearby?
 Yes/ No.....If yes name *X*.....

24. How far it is (km)..... *X*.....

25. Types of activity performed

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigation		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Almost no disease

Interview schedule with locals

Block: Simplapal
 Gram panchayat: Dubrajpura
 Village name: Sugunia
 Date of Interview: 2/03/22

Personal Information

1. Name of the Interview person: Hedael Tudu
2. Family type: Joint/ Nuclear 5
3. Number of family member: Nuclear
4. Caste : General/ SC/SCT/ OBC/others ST.

Water Resources StatusMode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	
Tap Water	✓	✓	✓	✓	✓	✓	
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓		✓	
Depth	✓	✓		
Distance				
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron (Some cases)	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

➤ 2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
10. Is the groundwater extraction increased in recent days?
Yes.....No.....
11. Where your Store water
Drums.....Buckets.....Bottles.....Pot.....
12. How many time you go to take water per day.....Number of buckets....Pots.....
13. Family water consumption for cooking per day.....
14. Family water consumption for drinking per day.....
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
Yes/ No
17. If Yes, Does it is connected with the household water distribution system?
Yes/ No
18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ No^No.....if yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name *Silabati (12 km away)*

24. How far it is (km).....

25. Types of activity performed *in*

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigational		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block: Simlapal

Gram panchayat: Mondal Gram Panchayat

Village name: Sidi

Date of Interview: 02.03.22

Personal Information

1. Name of the Interview person: *Japan Lohar*
2. Family type: Joint/ Nuclear
3. Number of family member: 5
4. Caste : General/ SC/ST/ OBC/others

Water Resources Status**Mode of water usages**

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓	✓	✓	
Ground water		✓					
Tap Water	✓						
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	Individual	Government	Project fund	Others
Depth	85 ft	20 ft		
Distance				
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

► 2 days	2-3 days	3-4 days	< 3 days

Interview schedule with locals

Block:

Gram panchayat: *Bagdah*

Village name: *Niran*

Date of Interview: *28/02/2022*

Personal Information

1. Name of the Interview person: *Aditya Singh Sardar*
2. Family type: Joint/ Nuclear
3. Number of family member: *3*
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Only one tube well → 21 family

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	✓
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
	✓	✓ (Unused)		
Type	Individual	Government	Project fund	Others
Depth	250-300			
Distance	Nearby			
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source..... *20-21 family*

10. Is the groundwater extraction increased in recent days?

Yes.....No.....

11. Where your Store water

Drums.....Buckets.....Bottles.....Pot.....

12. How many time you go to take water per day.....Number of buckets....Pots.....

13. Family water consumption for cooking per day.....

14. Family water consumption for drinking per day..... *10-12 Buckets*

15. Family water consumption for sanitation per day.....

16. Do you have tank in your house for water holding?

Yes/ No *P*

17. If Yes, Does it is connected with the household water distribution system?

Yes/ No *X*

18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No *✓*

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours
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21. Do you harvest rain water?

Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name

24. How far it is (km)..... *Sikabati - 10 km*

25. Types of activity performed

Activities	Regular	Seasonal
Bathing	<i>X</i>	<i>✓</i>
Fishing		<i>✓</i>
Direct uptake		
Cleaning cloths		<i>✓</i>
Cleaning livestock		<i>✓</i>
Recreational		
Religious		
Irrigation		
Waste Disposal		
Defecation		

*Irrigation
↳ Natural
rain water
dependent*

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid	<i>X</i>		
Cholera	<i>✓</i>		
Diarrhoea	<i>✓</i>		
Malaria	<i>✓</i>		
Dengue	<i>✓</i>		
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block: Indapur

Gram panchayat: Heduarol

Village name: Bansidi

Date of Interview: 1/03/22

Pond water
Toilet
Pb/Hg

Personal Information

1. Name of the Interview person: Dhananjay Patra
2. Family type: Joint/ Nuclear Nuclear
3. Number of family member: 4
4. Caste : General/ SC/SCT/ OBC/others

School
Health
center

Water ?

Water Resources Status

(Bitter Water)

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓	✓		
Ground water	✓	✓	✓	✓	✓		
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well (In some houses)	Submersible	Others
Type	Individual	Government	Project fund	Others
Depth	80-100m	Private (150-200m)		
Distance				
How many source in the village	6-7 (Government)			
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic (Not tested)	Iron	Salinity
Quality	Good	Excellent	Medium	poor

✓ 6. If Tap water (Surface water)..... Source.....

Not initiated
now. Line prepared.

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

➤ 2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
 10. Is the groundwater extraction increased in recent days?
 Yes.....No..... *little increase*
 11. Where you store water
 Drums.....Buckets.....Bottles.....Pot.....
 12. How many times you go to take water per day.....Number of buckets....Pots.....
 13. Family water consumption for cooking per day.....
 14. Family water consumption for drinking per day.....
 15. Family water consumption for sanitation per day.....

16. Do you have tank in your house for water holding?

Yes/ No

17. If Yes, Does it is connected with the household water distribution system?

Yes/ No

18. If yes (question 29)

In many house tank present

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Silabati → 30 km

Yes/ No.....If yes name

24. How far it is (km).....*3 KM*.....

25. Types of activity performed

Rain Water

irrigation

Activities	Regular	Seasonal
Bathing	✓	
Fishing	✓	
Direct uptake		
Cleaning cloths	✓	
Cleaning livestock	✓	
Recreational		
Religious	✓	
Irrigation		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid	<i>less</i>		
Cholera	<i>less</i>		
Diarrhoea	✓		
Malaria	✓		
Dengue	✓		
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice	✓		

Interview schedule with locals

Block:

Gram panchayat:

Aral Bazar

Village name:

Date of Interview:

Personal Information

1. Name of the Interview person: Nakun Majhi
2. Family type: Joint/ Nuclear
3. Number of family member: 5
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water			✓	✓	✓		
Pond water			✓	✓	✓		
Ground water	✓	✓	✓	✓	✓		
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓			
Type	Individual	Government	Project fund	Others
Depth	✓			
Distance				
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron (not in every case)	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
10. Is the groundwater extraction increased in recent days?
Yes.....No.....
11. Where your Store water ✓
Drums..... Buckets..... Bottles..... Pot.....
12. How many time you go to take water per day..... Number of buckets....Pots.....
13. Family water consumption for cooking per day.....
14. Family water consumption for drinking per day.....
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
Yes/ No
17. If Yes, Does it is connected with the household water distribution system?
Yes/ No
18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No.....if Yes how? *Some ponds are there*

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name *Silabati*

24. How far it is (km)..... *Within 1 km.*

25. Types of activity performed

Activities	Regular	Seasonal
Bathing	✓	
Fishing	✓	
Direct uptake		
Cleaning cloths	✓	
Cleaning livestock	✓	
Recreational		
Religious	✓	
Irrigational		
Waste Disposal		
Defecation		

Irrigation is dependent only on natural rain.
No canal

26. Epidemiology *(NA)*

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block: Simlapal

Gram panchayat: Paur solar

Village name: Kharjuraria

Date of Interview: 3/03/2022

Tubewell
 TDS = 197
 PH = 6.59
 EC = 388 μS
 T = 26°C

Personal Information

1. Name of the Interview person: Arunava patra
2. Family type: Joint/ Nuclear
3. Number of family member: 5
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

4 km. → Silabati

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓	✓		
Ground water	✓	✓	✓	✓	✓		
Tap Water							
Spring water							

Not
introduced

5. If Ground water

(Govt.)

Personal (Almost in all family)

Type	Tube well	Dug well	Submersible	Others
Type	✓	✓	✓	
Depth		✓		
Distance		Almost 150		
How many source in the village				
Seasons of Lowered depth (Month)	April			
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

3 Govt
tubewell
2 private
tubewell

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....30.....

10. Is the groundwater extraction increased in recent days?

Yes.....No.....

11. Where your Store water

Drums..... Buckets..... Bottles..... Pot.....

12. How many time you go to take water per day.....Number of buckets.....Pots.....

13. Family water consumption for cooking per day.....

14. Family water consumption for drinking per day.....

15. Family water consumption for sanitation per day.....

16. Do you have tank in your house for water holding?

Yes/ No

17. If Yes, Does it is connected with the household water distribution system?

Yes/ No

18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

Almost
3 month

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No..... if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name4 km

24. How far it is (km).....Slabkati.....

25. Types of activity performed

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigational		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria	<u>September</u>	<u>NA</u>	
Dengue			
Hepatitis			
Arsenicosis	<u>Some cases</u>		
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block: Garbata

Gram panchayat: Metyal.

Village name: Hatia mojara (Shiduri)

Date of Interview: 3/02/2022

Personal Information

1. Name of the Interview person: Mukundo Mahato
2. Family type: Joint/ Nuclear
3. Number of family member: 5
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	
Tap Water							
Spring water							

Depth min - 180ft

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	Individual	Government	Project fund	Others
Depth		70ft		
Distance				
How many source in the village				
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family houses take water from the water source.....24

10. Is the groundwater extraction increased in recent days?

Yes.....No.....

11. Where you store water

Drums.....Buckets.....Bottles.....Pot.....

12. How many times you go to take water per day.....Number of buckets....Pots.....

13. Family water consumption for cooking per day.....

14. Family water consumption for drinking per day.....

15. Family water consumption for sanitation per day.....

16. Do you have tank in your house for water holding?

Yes/ No

17. If Yes, Does it is connected with the household water distribution system?

Yes/ No

18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours
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21. Do you harvest rain water?

Yes/ No.....if Yes how? Tank

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes nameKanshabati

24. How far it is (km).....near by.....

25. Types of activity performed

Activities	Regular	Seasonal
Bathing		✓
Fishing		✓
Direct uptake		
Cleaning cloths		
Cleaning livestock		✓
Recreational		
Religious		
Irrigation		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block:

Gram panchayat: *Gaurapatwar*

Village name:

Date of Interview: 29.2.2022

Personal Information

1. Name of the Interview person: *Abu Jaffar Khan*
2. Family type: Joint/ Nuclear *Joint*
3. Number of family member: *7*
4. Caste : General/ SC/SCT/ OBC/others

*3 tubewells*Water Resources Status**Mode of water usages**

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water			✓	✓			
Ground water	✓	✓			✓	✓	
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓			
Depth		250 ft		
Distance		15 km		
How many source in the village				
Seasons of Lowered depth (Month)		Summer	March	
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

➤ 2 days	2-3 days	3-4 days	< 3 days

- 500
9. How many family/Houses take water from the water source.....
10. Is the groundwater extraction increased in recent days?
Yes.....No.....
11. Where your Store water
Drums.....Buckets.....Bottles.....Pot.
12. How many time you go to take water per day.....Number of buckets....Pots..... 31
13. Family water consumption for cooking per day.....
14. Family water consumption for drinking per day.....
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
Yes/ No

17. If Yes, Does it is connected with the household water distribution system?

Yes/ No

18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?

Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name

24. How far it is (km).....

25. Types of activity performed

Activities	Regular	Seasonal
Bathing	<input checked="" type="checkbox"/>	
Fishing	<input checked="" type="checkbox"/>	
Direct uptake		
Cleaning cloths	<input checked="" type="checkbox"/>	
Cleaning livestock	<input checked="" type="checkbox"/>	
Recreational		
Religious		
Irrigational	canal	
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Interview schedule with locals

Block:

Gram panchayat:

Village name: Rampur

Date of Interview:

Propagation
done by canal
waters.

Personal Information

1. Name of the Interview person: Madhab Das
2. Family type: Joint/ Nuclear Joint
3. Number of family member: 8
4. Caste: General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
	✓	✓	✓	
Type	Individual	Government	Project fund	Others
Depth	140m			
Distance				
How many source in the village	207	3		
Seasons of Lowered depth (Month)				
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
	✓			
Presence of elements	Fluoride	Arsenic	Iron	Salinity
			✓	
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

► 2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
 10. Is the groundwater extraction increased in recent days?
 Yes.....No.....
 11. Where your Store water
 Drums.....Buckets.....Bottles.....Pot.....
 12. How many time you go to take water per day.....Number of buckets....Pots.....
 13. Family water consumption for cooking per day.....
 14. Family water consumption for drinking per day.....
 15. Family water consumption for sanitation per day.....
 16. Do you have tank in your house for water holding?
 Yes/ No
 17. If Yes, Does it is connected with the household water distribution system?
 Yes/ No
 18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?
 Yes/ No.....if Yes how?
22. Do you reuse water?
 Yes/ Noif yes how?
23. Do you have any river nearby?
 Yes/ No.....If yes name
24. How far it is (km).....
25. Types of activity performed

Activities	Regular	Seasonal
Bathing	<checkmark></checkmark>	
Fishing		
Direct uptake	<checkmark></checkmark>	
Cleaning cloths	<checkmark></checkmark>	
Cleaning livestock		
Recreational		
Religious		
Irrigational		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Person is not aware
 has less awareness about water-borne disease's.

Interview schedule with locals

Block: **Kanabasa**

Gram panchayat: **Vulenpur**

Village name: **Raotoraw**

Date of Interview: **27/02/2022**

Personal Information

1. Name of the Interview person: **Sankara Mandal**
2. Family type: Joint/ Nuclear
3. Number of family member: **5 nos.**
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	✓	✗	✓ (1)	
Depth	✓	1 nos.	Project fund	Others
Distance	Nearby			
How many source in the village				
Seasons of Lowered depth (Month)	April			
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	✓			
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

➤ 2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
 10. Is the groundwater extraction increased in recent days?
 Yes.....No.....
11. Where you Store water
 Drums.....Buckets.....Bottles.....Pot.....Number of buckets.....Pots.....
12. How many time you go to take water per day.....
 13. Family water consumption for cooking per day.....
 14. Family water consumption for drinking per day.....
 15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
 Yes/ No

17. If Yes, Does it is connected with the household water distribution system?
 Yes/ No

18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
			<3months
Days of cleaning	At gap of 1 months	1-3 months	

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours

21. Do you harvest rain water?
 Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?
 Yes/ No.....If yes name

24. How far it is (km).....1.5 Km.....

25. Types of activity performed

Irrigation is
done from
groundwater

Activities	Regular	Seasonal
Bathing	✓	
Fishing	✗	
Direct uptake	✓	
Cleaning cloths	✓	
Cleaning livestock	✓	
Recreational		
Religious	✓	
Irrigational	✗	
Waste Disposal	✗	
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid	✗		
Cholera	✗		
Diarrhoea	✗		
Malaria	✗		
Dengue	✗		
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			

Normal

Interview schedule with locals

Block: Simlapal

Gram panchayat: Simlapal

Village name: Serpura, Krishnampuri

Date of Interview:

Personal Information

1. Name of the Interview person: Ahammed Mandal
2. Family type: Joint/ Nuclear
3. Number of family member:
4. Caste : General/ SC/SCT/ OBC/others

Water Resources Status

Mode of water usages

Type	Drinking	Cooking	Washing	Cleaning	Bathing	Gardening	Others
River water							
Pond water							
Ground water	✓	✓	✓	✓	✓	✓	
Tap Water							
Spring water							

5. If Ground water

Type	Tube well	Dug well	Submersible	Others
Type	Individual	✓	Project fund	Others
Depth				
Distance				
How many source in the village				
Seasons of Lowered depth (Month)		Summer		
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Quality	Good	Excellent	Medium	poor

6. If Tap water (Surface water)..... Source.....

Type	In Own house	In Village by government	Others	
Days of availability	All Day	2 times	More than two times	Monthly/weekly
Presence of elements	Fluoride	Arsenic	Iron	Salinity
Status of water	Fresh	Cloudy	Cloudy with particles	Bad smell
How many				

7. Interruption of Tap Water: Yes...../ No.....

8. How many days it remains interrupted :

2 days	2-3 days	3-4 days	< 3 days

9. How many family/Houses take water from the water source.....
 10. Is the groundwater extraction increased in recent days?
 Yes.....No.....
11. Where you store water
 Drums.....Buckets.....Bottles.....Pot
12. How many times you go to take water per day.....Number of buckets.....Pots.....
13. Family water consumption for cooking per day.....
14. Family water consumption for drinking per day..... 8 buckets
15. Family water consumption for sanitation per day.....
16. Do you have tank in your house for water holding?
 Yes/ No
17. If Yes, Does it is connected with the household water distribution system?
 Yes/ No
18. If yes (question 29)

Type of Tank	Underground	Elevated	Others
Days of cleaning	At gap of 1 months	1-3 months	<3months

19. Do you filter water? Yes..... No.....

20. What type filtration you use?

Boiling	Filter	Aquagaurd	Solar disinfection	Chlorination/ Zeoline	Keeping water for hours
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21. Do you harvest rain water?

Yes/ No.....if Yes how?

22. Do you reuse water?

Yes/ Noif yes how?

23. Do you have any river nearby?

Yes/ No.....If yes name

24. How far it is (km).....

25. Types of activity performed

Activities	Regular	Seasonal
Bathing		
Fishing		
Direct uptake		
Cleaning cloths		
Cleaning livestock		
Recreational		
Religious		
Irrigation		
Waste Disposal		
Defecation		

26. Epidemiology

Diseases	Seasons	Frequency	Death occurred
Typhoid			
Cholera			
Diarrhoea			
Malaria			
Dengue			
Hepatitis			
Arsenicosis			
Dental Fluorosis			
Gastro related problems			
Jaundice			