

Annexure - IV  
Ground Water Availability in Pilot Districts

## BLOCK WISE GROUND WATER AVAILABILITY IN PILOT DISTRICTS OF ADMI, WB.

Source : West Bengal State Water Investigation Directorate, Kolkata  
& West Bengal State Water Investigation, Jalpaiguri.

Sl	Block	Max. Pre monsoon GW level Yr. '06 (mbgl)	Tot An.GW Recharge (ham)	Natural Disc. During non-monsoon (ham)	Net An.GW Available (ham)	Existing Gross GW Draft for Imgn. (ham)	Existing Gross GW Draft for Dom. + Ind. Use (ham)	Existing Gross GW Draft for All Uses (ham)	Stage of GW Dev. In %	Aquifer condition (Safe / Semi-Critical / Critical)	Water Quality
DIST : JALPAIGURI											
1	RAJGANJ	6.65	45,049	4,505	40,544	159	623	782	1.93%	Safe	Suitable
2	JALPAIGURI	3.95	35,181	3,518	31,662	421	518	939	2.97%	Safe	Suitable
3	MOYNAGURI	2.83	45,573	4,557	41,015	1,279	472	1,751	4.27%	Safe	Suitable
4	DHUPGURI	14.00	39,913	3,991	35,922	1,371	685	2,056	5.72%	Safe	Suitable
5	MAL	7.80	44,400	4,440	39,960	365	250	615	1.54%	Hilly	Suitable
6	MATTIALI	3.90	16,100	1,610	14,490	99	250	349	2.41%	Hilly	Suitable
7	NAGRAKATA	7.95	26,000	2,600	23,400	70	250	320	1.37%	Hilly	Suitable
8	MADARIHAT-BIRPARA	4.90	34,400	3,440	30,960	98	250	348	1.12%	Hilly	Suitable
9	FALAKATA	7.20	22,600	2,260	20,340	829	412	1,241	6.10%	Safe	Suitable
10	ALIPURDUAR-I.	3.65	16,355	1,636	14,720	888	347	1,235	8.39%	Safe	Suitable
11	ALIPURDUAR-II.	4.93	23,266	2,327	20,939	1,296	337	1,634	7.80%	Safe	Suitable
12	KALCHINI	8.60	44,500 ~	4,450	40,050	51	250	301	0.75%	Hilly	Suitable
13	KUMARGRAM	4.95	35,684	3,568	32,115	391	305	696	2.17%	Safe	Suitable
TOTAL :			119,805	11,981	107,824	2,626	1,239	3,866	0		

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<b>DIST : COOCHBEHAR</b>											
1	HALDIBARI	2.15	11,735	1,173	10,561	962	142	1,104	10.45%	Safe	Suitable
2	MEKHLIGANJ	5.94	22,590	2,259	20,331	1,013	202	1,215	5.98%	Safe	Suitable
3	MATHABHANGA-I,	4.10	25,092	2,509	22,583	2,147	296	2,444	10.82%	Safe	Suitable
4	MATHABHANGA-II,	3.70	25,473	2,547	22,925	3,799	308	4,107	17.91%	Safe	Suitable
5	SITALKUCHI	3.60	8,631	863	7,768	2,259	277	2,536	32.65%	Safe	Suitable
6	COOCHBEHAR-I,	4.20	29,969	2,997	26,972	4,077	452	4,529	16.79%	Safe	Suitable
7	COOCHBEHAR-II,	4.50	29,442	2,944	26,498	3,015	468	3,483	13.14%	Safe	Suitable
8	TUFANGANJ-I,	4.60	16,342	1,634	14,708	3,718	349	4,067	27.65%	Safe	Suitable
9	TUFANGANJ-II,	4.15	20,526	2,053	18,473	2,316	269	2,585	13.99%	Safe	Suitable
10	DINHATA-I,	5.40	20,590	2,059	18,531	3,724	438	4,162	22.46%	Safe	Suitable
11	DINHATA-II,	3.70	9,314	931	8,383	3,003	342	3,345	39.90%	Safe	Suitable
12	SITAI	4.30	11,965	1,196	10,768	1,048	157	1,205	11.19%	Safe	Suitable
<b>TOTAL :</b>								<b>23,376</b>			
								<b>2,475</b>			
								<b>20,901</b>			
								<b>13,814</b>			
								<b>124,333</b>			
								<b>138,148</b>			

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<b>DIST : BANKURA</b>											
1	BANKURA-I.	11.18	3,359	336	3,024	154	153	307	10.15%	Safe	Fluoride
2	BANKURA-II.	7.15	4,829	483	4,346	1,158	195	1,353	31.13%	Safe	Suitable
3	CHHATNA	7.97	8,336	834	7,503	117	284	400	5.33%	Safe	Fluoride
4	SALTORA	8.05	5,560	556	5,004	63	202	265	5.30%	Safe	Fluoride
5	MEJHIA	12.58	3,262	326	2,936	239	126	365	12.43%	Safe	Fluoride
6	GANGAJAL GHATI	9.64	7,015	702	6,314	156	261	417	6.60%	Safe	Fluoride
7	BARJORA	11.44	10,908	545	10,362	2,773	289	3,062	29.55%	Safe	Fluoride
8	ONDA	10.80	19,520	1,952	17,568	6,101	347	6,448	36.70%	Safe	Suitable
9	INDPUR	8.62	12,710	1,271	11,439	46	227	273	2.39%	Safe	Suitable
10	KHATRA	9.07	4,233	423	3,810	30	162	192	5.04%	Safe	Suitable
11	HIRBUNDH	9.74	4,074	407	3,667	88	113	201	5.48%	Safe	Suitable
12	RANIBANDH	12.65	6,780	678	6,102	173	170	343	5.62%	Safe	Fluoride

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<b>DIST : BIRBHUM</b>											
1	NALHATH-I.	17.50	4,672	467	4,205	1,892	332	2,224	52.89%	Safe	Fluoride
2	NALHATH-II	15.00	4,652	465	4,187	2,165	171	2,336	55.79%	Semi-Critical	Suitable
3	MURARAI-I	14.91	4,178	418	3,760	849	233	1,083	28.80%	Safe	Fluoride
4	MURARAI-II	15.47	7,968	797	7,171	1,818	276	2,094	29.20%	Semi-Critical	Suitable
5	MAYURESWAR-I	10.42	9,453	945	8,508	1,286	222	1,508	17.72%	Safe	Suitable
6	MAYURESWAR-II	11.62	8,453	423	8,031	2,286	188	2,474	30.81%	Safe	Suitable
7	RAMPURHAT-I.	17.70	9,235	924	8,312	773	256	1,028	12.37%	Safe	Fluoride
8	RAMPURHAT-II	16.68	8,353	835	7,518	1,784	264	2,047	27.23%	Semi-Critical	Suitable
9	MD.BAZAR	10.82	7,858	786	7,072	353	221	574	8.12%	Safe	Fluoride
10	SANTHIA	14.47	15,859	793	15,066	3,193	295	3,489	23.16%	Safe	Suitable
11	DUBRAJPUR	13.38	13,661	683	12,978	1,724	259	1,983	15.28%	Safe	Fluoride
12	RAJNAGAR	9.02	2,496	250	2,246	72	117	189	8.41%	Safe	Fluoride
13	SURI-I.	8.23	6,118	612	5,506	247	147	394	7.16%	Safe	Fluoride
14	SURI-II.	12.00	1,914	191	1,723	595	124	719	41.73%	Safe	Fluoride
15	KHAYRASOLE	6.70	4,987	499	4,488	1,201	232	1,433	31.93%	Safe	Fluoride
16	BOLPUR-SANTINIKETAN	11.59	17,179	1,718	15,461	2,840	290	3,130	20.24%	Safe	Suitable
17	LABHPUR	14.37	13,402	670	12,732	3,590	292	3,882	30.49%	Safe	Suitable
18	NANOOR	15.90	15,235	1,523	13,711	4,195	321	4,516	32.94%	Semi-Critical	Suitable
19	ILLAMBAZAR	11.59	11,042	1,104	9,938	4,026	230	4,257	42.84%	Safe	Suitable
<b>TOTAL :</b>			56,858	5,015	51,842	14,651	1,133	15,785	30.45%		

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<b>DIST : 24 PARGANAS (NORTH)</b>											
1	BAGDAH	5.30	14,219	1,422	12,797	10,783	383	11,166	87.25%	Safe	Arsenic
2	BONGAON	6.55	20,229	2,023	18,206	13,870	591	14,461	79.43%	Safe	Arsenic
3	GAIGHATA	6.55	14,884	1,488	13,395	10,622	517	11,139	83.16%	Safe	Arsenic
4	HABRA-I.	10.17	7,966	797	7,169	4,438	323	4,761	66.41%	Safe	Arsenic
5	HABRA-II.	13.55	7,409	741	6,669	2,860	246	3,106	46.57%	Safe	Arsenic
6	BARASAT-I.	9.40	6,396	640	5,757	2,737	501	3,238	56.24%	Safe	Arsenic
7	BARASAT-II.	10.05	7,329	733	6,596	4,256	481	4,737	71.82%	Safe	Arsenic
8	AMDANGA	10.20	7,384	738	6,646	3,861	279	4,140	62.29%	Safe	Arsenic
9	DEGANGA	8.35	11,913	1,191	10,721	8,852	470	9,322	86.95%	Safe	Arsenic
10	RAJARHAT	6.10	5,247	525	4,722	1,493	574	2,067	43.77%	Safe	Arsenic
11	BARRACKPORE-I.	11.50	5,417	542	4,876	1,599	442	2,040	41.84%	Safe	Arsenic

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<b>DIST : 24 PARGANAS (NORTH)</b>											
12	BARRACKPORE-II.	11.50	2,464	246	2,218	416	428	844	38.05%	Safe	Arsenic
13	BADURIA	5.70	12,123	1,212	10,911	8,204	424	8,628	79.08%	Safe	Arsenic
14	HAROA	6.40	7,734	773	6,960	2,549	303	2,852	40.98%	Safe	Arsenic
15	MINAKHAN	2.45									Arsenic/Saline
16	SWARUPNAGAR	5.00	13,686	1,369	12,318	10,597	402	11,000	89.30%	Safe	Arsenic
17	HASNABAD	4.45									Arsenic/Saline
18	HINGALGANJ	?									Saline
19	SANDEKHALI-I.	5.40									Saline
20	SANDEKHALI-II.	5.09									Arsenic/Saline
21	BASIRHAT-I.	4.75	6,053	605	5,448	3,263	245	3,508	64.39%	Safe	Arsenic
22	BASIRHAT-II.	3.35	7,186	719	6,468	3,665	329	3,994	61.75%	Safe	Arsenic
<b>TOTAL :</b>			<b>79,207</b>	<b>7,920</b>	<b>71,288</b>	<b>44,499</b>	<b>3,896</b>	<b>48,395</b>	<b>67.89%</b>		