APPENDIX B

Data Tables

TABLE B.1 (1) MONTHLY RAINFALL 1968-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1968	0	0	0	7	197	647	631	870	571	236	19	0	3,178
1969	0	0	0	6	288	506	631	593	371	126	14	0	2,535
1970	0	0	73	1	447	583	421	675	378	286	31	41	2,936
1971	0	0	0	0	170	787	427	613	240	196	30	0	2,463
1972	0	0	0	63	150	477	562	575	202	66	125	9	2,229
1973	0	0	40	0	399	371	580	511	379	285	201	0	2,766
1974	0	0	35	53	414	658	640	624	423	281	138	0	3,266
1975	109	0	0	0	268	506	371	757	415	165	2	0	2,593
1976	0	0	0	36	641	375	439	605	619	188	5	6	2,914
1977	25	1	0	11	210	318	591	686	282	139	0	16	2,279
1978	2	22	0	0	398	369	381	685	344	144	7	0	2,352
1979	0	0	0	35	288	542	423	580	273	126	0	0	2,267
1980	0	0	0	0	509	486	601	506	469	123	6	15	2,715
1981	0	7	1	20	228	432	586	654	383	244	78	0	2,633
1982	0	0	0	0	228	653	614	717	391	156	8	0	2,767
1983	0	0	0	0	179	380	690	604	377	406	171	9	2,816
1984	0	0	0	34	211	738	499	471	226	198	2	0	2,379
1985	2	0	0	3	317	673	773	562	380	265	316	0	3,291
1986	0	0	0	31	274	503	819	762	239	152	8	11	2,799
1987	4	0	41	16	88	640	728	405	379	77	186	0	2,564
1988	0	0	0	18	149	682	535	458	270	145	283	0	2,540
1989	0	0	2	0	430	692	425	599	224	177	6	0	2,555
1990	0	25	0	37	298	703	524	621	381	149	54	0	2,792
1991	0	0	0	28	37	438	791	573	108	124	6	22	2,127
1992	0	0	0	5	227	483	647	499	244	324	12	1	2,442
1993	0	0	1	0	324	533	656	717	457	127	9	0	2,824
1994	0	0	138	3	240	694	680	751	383	167	16	0	3,072
1995	0	0	0	0	219	588	598	351	517	243	36	0	2,552
1996	0	74	6	43	375	560	479	675	496	196	132	11	3,047
1997	0	0	0	38	261	455	773	848	530	129	34	0	3,068
1998	0	0	0	24	419	425	404	623	295	247	16	0	2,453
1999	0	0	0	388	510	558	554	568	449	397	67	0	3,491
2000	0	0	0	34	323	657	468	414	478	224	3	0	2,601
Ave.	4	4	10	28	294	549	574	611	369	197	61	4	2,706

TABLE B.1 (2) MONTHLY EVAPORATION 1981-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1981	90	105	172	197	143	71	63	73	77	79	82	85	1,236
1982	103	115	183	210	129	68	78	63	77	88	105	104	1,322
1983	102	105	172	237	208	76	74	66	65	72	73	94	1,344
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	137	111	162	218	139	74	72	74	80	85	84	100	1,335
1986	96	111	146	209	138	79	78	78	89	91	98	104	1,315
1987	108	115	136	197	214	84	83	90	92	102	95	83	1,399
1988	115	141	158	167	119	83	88	91	91	94	90	97	1,334
1989	113	116	140	175	129	71	99	88	90	96	109	90	1,315
1990	103	95	121	151	111	72	64	62	70	124	99	101	1,173
1991	108	160	191	149	151	47	38	33	70	106	111	124	1,288
1992	105	103	150	172	141	58	53	51	57	84	112	104	1,188
1993	126	116	149	173	126	83	81	90	95	112	141	122	1,415
1994	115	130	142	159	114	64	72	57	77	107	130	114	1,279
1995	126	118	161	199	135	68	98	73	73	112	118	115	1,395
1996	117	141	162	159	133	67	82	72	92	117	114	129	1,384
1997	116	129	153	149	133	73	55	50	53	89	94	122	1,213
1998	137	124	200	238	193	87	70	65	104	118	119	127	1,582
1999	136	134	203	147	128	90	86	90	103	118	139	150	1,524
2000	140	151	195	183	113	108	96	109	93	110	124	136	1,557
Ave.	115	122	163	183	142	75	75	72	81	100	107	111	1,347

TABLE B.1 (3) MONTHLY MEAN MAXIMUM TEMPERATURE 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	33.9	35.5	37.3	37.2	37.1	30.7	29.9	28.8	31.2	31.6	32.6	31.7
1992	31.4	32.7	36.2	37.7	35.4	31.4	29.8	29.1	30.3	30.3	32.1	31.9
1993	32.0	34.2	37.2	37.6	34.8	31.6	31.3	29.7	30.6	32.3	34.5	33.5
1994	34.7	36.2	35.7	36.8	33.2	30.2	29.4	29.3	30.8	32.6	33.0	32.9
1995	33.4	34.7	37.2	39.0	34.6	30.6	30.1	30.2	30.8	32.3	32.3	31.6
1996	33.2	34.1	36.2	36.4	32.8	31.0	31.2	30.7	31.7	32.5	32.5	32.5
1997	31.9	33.9	36.3	36.9	35.4	32.0	30.7	30.7	31.1	33.0	32.5	33.7
1998	34.0	35.0	37.6	38.5	36.0	31.8	31.4	30.5	32.1	33.3	34.3	33.8
1999	34.1	36.0	36.0	34.4	31.2	30.2	30.0	29.7	31.2	31.8	32.8	30.8
2000	33.6	34.6	36.7	36.3	32.5	30.5	30.5	30.9	30.6	31.1	34.1	33.8
Ave.	33.2	34.7	36.6	37.1	34.3	31.0	30.4	30.0	31.0	32.1	33.1	32.6

TABLE B.1 (4) MONTHLY MEAN MINIMUM TEMPERATURE 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	16.9	18.3	22.1	24.7	25.8	24.6	24.3	24.2	25.2	24.5	21.9	18.3
1992	16.3	17.1	21.4	24.4	24.6	24.3	23.7	23.6	23.5	22.8	21.3	16.8
1993	15.2	17.9	22.1	24.4	25.5	24.8	24.3	23.9	23.7	23.9	21.6	18.8
1994	17.5	19.5	21.2	24.3	25.0	22.6	23.2	22.8	23.0	22.6	20.5	17.8
1995	17.1	17.9	21.1	23.5	23.9	23.4	22.2	22.9	22.3	22.6	21.3	16.1
1996	14.5	18.3	20.8	22.9	24.1	24.1	23.9	23.4	23.6	23.5	22.3	19.2
1997	15.5	15.0	19.8	21.1	23.6	22.7	20.4	20.1	19.2	20.1	20.4	18.5
1998	16.1	17.0	19.7	23.7	25.8	24.8	24.6	24.1	24.6	24.5	23.5	20.7
1999	19.1	22.4	22.2	24.7	24.1	24.2	23.8	23.5	23.6	23.7	22.4	17.3
2000	17.6	18.8	21.4	24.8	24.4	23.4	24.1	23.7	23.5	23.4	20.7	18.1
Ave.	16.6	18.2	21.2	23.9	24.7	23.9	23.5	23.2	23.2	23.2	21.6	18.2

TABLE B.1 (5) MONTHLY AVERAGE HUMIDITY AT 09:30, 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	56	52	59	63	60	88	91	92	86	81	69	65
1992	60	53	56	50	73	89	91	91	88	83	68	59
1993	58	50	54	58	73	88	89	92	89	78	66	62
1994	55	49	58	62	80	91	93	93	87	75	63	58
1995	51	49	53	56	73	90	90	90	87	80	73	62
1996	53	50	56	59	82	89	85	89	84	82	74	73
1997	54	49	51	52	70	88	90	92	87	82	77	70
1998	56	48	42	50	71	88	84	87	83	78	71	61
1999	54	55	57	72	84	89	91	89	88	86	80	68
2000	60	59	54	67	87	90	87	91	90	86	74	64
Ave.	55.7	51.4	54.0	58.9	75.3	89.0	89.1	90.6	86.9	81.1	71.5	64.2

TABLE B.1 (6) MONTHLY AVERAGE HUMIDITY AT 18:30, 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	51	46	46	56	55	91	92	92	85	76	63	72
1992	74	70	56	56	80	89	90	89	90	92	69	64
1993	57	49	52	54	68	87	89	90	86	79	74	76
1994	71	61	58	56	77	90	92	92	88	79	75	56
1995	48	41	48	46	72	89	88	90	86	77	70	77
1996	47	47	47	52	72	86	84	88	84	76	73	76
1997	47	41	54	52	65	89	94	91	84	84	70	67
1998	61	66	65	52	68	86	86	86	82	77	77	80
1999	78	75	72	73	83	87	92	88	86	84	84	58
2000	60	47	45	62	82	89	89	89	86	84	79	75
Ave.	59.4	54.3	54.3	55.9	72.2	88.3	89.6	89.5	85.7	80.8	73.4	70.1

TABLE B.1 (7) MONTHLY MEAN WIND SPEED (MPH) 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	1.9	2.0	2.1	2.4	2.4	2.4	2.2	2.3	1.8	2.6	2.4	2.4
1992	2.1	2.4	2.1	2.7	2.7	2.9	2.3	2.3	2.1	3.1	2.4	2.7
1993	2.5	2.1	2.6	2.4	2.6	2.7	2.3	2.4	1.9	2.4	2.2	2.3
1994	2.3	2.3	2.1	2.3	2.5	2.5	2.7	2.4	2.2	2.3	2.9	2.4
1995	2.0	3.0	2.7	2.7	3.7	2.8	2.8	2.3	2.1	2.5	4.0	2.5
1996	2.1	2.1	2.3	2.8	2.6	3.7	3.1	2.2	2.7	2.3	3.0	3.4
1997	3.0	2.7	2.7	2.5	3.3	3.6	3.6	2.5	2.4	2.4	1.2	2.8
1998	2.5	2.4	2.4	2.9	2.6	2.4	2.7	2.5	2.6	2.3	3.2	2.5
1999	2.3	2.2	2.3	2.6	2.5	2.4	2.5	2.5	2.0	3.0	2.3	2.5
2000	2.4	2.4	2.3	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.2	2.0
Ave.	2.3	2.4	2.4	2.6	2.7	2.7	2.6	2.3	2.2	2.5	2.6	2.6

TABLE B.1 (8) MONTHLY MEAN WIND DIRECTION 1991-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	NE	NE	SW	SW	SW	SW	SW	SW	SW	E	NE	NE
1992	NW	NE	W	SW	W	SW	SW	SW	SW	E	NE	N
1993	NE	E	SE	SW	SW	SW	SW	SW	SW	NE	NE	NE
1994	NE	NE	SE	SW	SW	SW	SW	SW	SW	E	E	N
1995	NE	E	SE	SW	SW	S	SW	S	SW	E	NE	NE
1996	NE	NE	SW	SW	E	SW	S	S	SE	SE	N	NE
1997	NE	NE	SW	W	SW	S	SW	SW	S	NE	NE	NE
1998	NE	NW	NW	SW	SW	SW	S	SW	SW	E	NE	NE
1999	NE	N	SW	SW	SW	SW	SW	SW	SW	SE	NE	NE
2000	N	NE	NW	SW	SW	SW	SW	SW	SW	E	NE	N

TABLE B.1 (9) MONTHLY MEAN SUNSHINE HOURS 1977-2000

year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1977	8.8	9.8	8.4	10.1	6.5	4.5	2.4	3.2	3.9	6.8	9.7	8.4
1978	9.1	9.2	9.6	10.2	6.7	3.7	2.9	1.9	3.8	6.9	9.2	9.4
1979	9.4	9.7	9.9	9.2	5.2	3.5	3.8	3.2	5.2	7.1	9.9	8.9
1980	9.5	9.6	9.4	10.1	7.0	2.9	2.1	2.6	3.2	7.3	7.7	8.7
1981	8.8	9.7	10.0	10.2	6.2	3.0	2.3	2.3	5.1	5.2	5.6	8.1
1982	9.2	9.8	10.0	10.0	5.3	1.6	3.2	1.5	3.1	7.5	8.5	9.4
1983	9.2	9.5	9.5	9.8	7.4	3.7	3.7	3.0	4.0	5.0	6.6	9.3
1984	9.3	8.2	9.5	9.0	7.0	2.5	3.0	1.7	4.2	5.6	9.4	8.6
1985	9.2	9.6	9.3	10.2	6.0	1.6	2.3	1.9	3.9	6.2	7.2	9.4
1986	9.1	9.6	9.1	9.6	5.6	3.2	2.7	2.3	5.5	6.5	9.3	8.4
1987	9.4	9.1	9.5	9.3	8.6	3.0	2.2	3.8	4.6	6.4	5.8	9.0
1988	9.5	10.1	9.6	9.8	5.1	2.6	3.2	2.8	5.3	4.8	6.7	9.5
1989	9.6	10.0	8.9	10.2	5.0	1.9	3.9	2.2	4.1	7.0	7.9	9.7
1990	9.6	9.4	9.9	9.3	5.8	2.7	1.4	2.6	3.4	6.5	7.2	9.1
1991	9.6	9.6	9.0	9.0	8.9	2.4	2.1	0.8	3.3	5.8	8.7	8.3
1992	9.1	9.8	9.1	9.2	7.0	3.0	2.3	1.8	3.0	5.0	7.9	9.5
1993	8.6	9.6	9.4	10.1	6.6	3.6	3.5	1.5	3.2	8.8	9.5	8.9
1994	9.4	9.5	7.7	10.0	4.2	2.0	2.0	1.3	3.6	7.4	8.4	9.4
1995	9.2	9.2	9.4	10.0	6.7	2.4	2.5	2.2	4.3	6.6	7.5	9.5
1996	9.4	8.9	9.4	8.5	3.9	3.3	3.3	2.6	4.4	5.8	7.2	8.2
1997	8.6	9.5	8.8	9.7	7.9	3.5	1.6	2.6	2.3	6.9	7.0	8.8
1998	9.0	8.9	9.5	8.4	6.9	3.0	2.9	2.9	5.2	6.5	7.2	8.1
1999	7.8	7.9	8.7	5.8	3.3	2.0	1.6	2.1	3.7	4.8	6.9	8.1
2000	11.9	8.2	8.2	7.3	4.9	2.3	2.4	2.4	3.0	5.1	8.5	8.8
Ave.	9.3	9.3	9.2	9.3	6.1	2.7	2.6	2.2	4.0	6.2	7.7	8.9

TABLE B.2 (1) YCDC TUBE WELL INVENTORY NO.1

Identification			Location	Structures			Age	Service
No.	name	ID	name	inch	ft		year	level
Well	T/S	No.	Ward	Dia.	Dep.		Comp.	Use
1	Ahl	L 01	Ayerawaddy	12	380.0	-		3
2	Ahl	L 02	Ayerawaddy	12	180.0	-		3
3	Ahl	L 03	West Saw Yan Paing	10	160.0	-		3
4	Ahl	L 04	Thit Taw	12	380.0	-		3
5	Ahl	L 05	East Saw Yan Paing	10	140.0	-		3
6	Ahl	L 06	Htar Nar	10	175.0	-		3
7	Ahl	L 07	Ka Yin Chan	12	165.0	-		3
8	Ahl	L 08	Sin Min	10	140.0	-		3
9	Ahl	L 09	Galone	12	140.0	-		3
10	Ahl	L 10	East Saw Yan Paing	8	140.0	-		3
11	Bot	No. 01	Port Area	8	94.0	-		2-G01
12	Bot	No. 02	9	8	145.0	-		Hydrant
13	Bot	No. 03	8	4	138.0	-		3
14	Bot	No. 04	1	8	120.0	-		3
15	Dag	1	North Pyay	8	130.0	-		3
16	Dag	2	East Pyay	8	140.0	-		3
17	Dag	3	East Pyay	8	120.0	-		3
18	Dag	4	Phar Yar Gyi	8	125.0	-		3
19	Dag	5	Phar Yar Gyi	8	124.0	-		3
20	Dag	6	Yaw Min Gyi	8	140.0	-		3
21	Dag	7	Yaw Min Gyi	8	114.0	-		3
22	Dag	8	Residence Park	8	100.0	-		2-G02
23	Dag	9	Residence Park	8	145.0	-		2-G02
24	Dag	10	Residence Park	8	140.0	-		2-G02
25	Dag	11	Residence Park	8	127.0	-		2-G02
26	DMS	18/0A	18	4	220.0	-		1
27	DMS	18/0B	18	4	260.0	-		1
28	DMS	19/00	19	4	390.0	-		1
29	DMS	19/01	19	4	230.0	-		1
30	DMS	19/02	19	4	227.0	-		1
31	DMS	19/03	19	4	128.0	-		1
32	DMS	19/04	19	4	320.0	-		1
33	DMS	19/05	19	4	380.0	-		1
34	DMS	19/05	19	4	280.0	-		1
35	DMS	19/06	19	4	205.0	-		1
36	DMS	19/07	19	4	247.0	-		1
37	DMS	19/08	19	4	190.0	-		1
38	DMS	19/09	19	4	202.0	-		1
39	DMS	19/0A	19	4	252.0	-		1
40	DMS	19/10	19	4	227.0	-		1
41	DMS	20/A	20	4	304.0	-		1
42	DMS	20/11	20	4	214.0	-		1
43	DMS	20/12	20	4	254.0	-		1
44	DMS	20/13	20	4	264.0	-		1
45	DMS	20/14	20	4	267.0	-		1
46	DMS	20/16	20	4	205.0	-		1

TABLE B.2 (1) YCDC TUBE WELL INVENTORY NO.1

Identification			Location	Structures		Age	Service
No.	name	ID	name	inch	ft	year	level
Well	T/S	No.	Ward	Dia.	Dep.	Comp.	Use
47	DMS	20/17	20	4	236.0	-	1
48	DMS	20/18	20	4	208.0	-	1
49	DMS	24/01	24	4	257.0	-	1
50	DMS	24/02	24	4	252.0	-	1
51	DMS	24/03	24	4	203.0	-	1
52	DMS	24/04	24	4	286.0	-	1
53	DMS	24/05	24	4	302.0	-	1
54	DMS	24/06	24	4	252.0	-	1
55	DMS	24/07	24	4	218.0	-	1
56	DMS	24/08	24	4	282.0	-	1
57	DMS	24/09	24	4	229.0	-	1
58	Dal	No.1	out of city	12	120.0	2000	3-G03
59	Dal	No.2	out of city	12	120.0	2000	3-G03
60	Dal	No.3	out of city	12	120.0	2000	3-G03
61	Daw	Daw/1	8	6	480.0	-	1
62	Daw	Daw/2	7	4	310.0	-	1
63	Daw	Daw/3	5	8	225.0	-	1
64	Daw	Daw/4	5	4	390.0	-	1
65	Daw	Daw/6	1	8	400.0	-	1
66	Daw	Daw/7	4	8	380.0	-	1
67	Daw	Daw/8	4	4	250.0	2001	1
68	Hla-t	08/02	8	4	170.0	1994	1
69	Hla-t	09/07	9	4	200.0	1994	1
70	Hla-t	11/04	11	4	225.0	1994	1
71	Hla-t	13/03	13	4	210.0	1994	1
72	Hla-t	13/05	13	4	215.0	1994	1
73	Hla-t	14/01	14	4	180.0	1994	1
74	Hla-t	16/06	16	4	195.0	1994	1
75	Ins	No. 01	West Zaygone	12	210.0	1965	3-G04
76	Ins	No. 02	West Gyogone	4	140.0	1994	3-G05
77	Ins	No. 03	West Gyogone	8	140.0	1995	3-G05
78	Ins	No. 04	West Ywarma	8	100.0	1997	3
79	Kam	No. 01	8	8	160.0	1978	3
80	Kam	No. 02	8	8	130.0	1997	3
81	Kam	No. 03	10	10	180.0	1976	3-G08
82	Kam	No. 04	2	8	140.0	1992	3-G09
83	Kam	No. 05	5	8	140.0	-	3-G06
84	Kam	No. 06	7	8	130.0	1996	3-G06
85	Kam	No. 07	7	8	150.0	1978	3-G06
86	Kam	No. 08	7	8	150.0	-	3-G06
87	Kam	No. 09	7	6	120.0	-	3-G06
88	Kam	No. 10	7	6	130.0	-	3-G06
89	Kam	No. 11	8	6	130.0	-	3-G10
90	Kam	No. 12	8	6	130.0	-	3-G10
91	Kam	No. 13	7	6	130.0	-	3-G11
92	Kam	No. 14	7	6	130.0	-	3-G11

TABLE B.2 (1) YCDC TUBE WELL INVENTORY NO.1

Identification			Location	Structures		Age	Service
No.	name	ID	name	inch	ft	year	level
Well	T/S	No.	Ward	Dia.	Dep.	Comp.	Use
93	Kam	No. 15	7	6	130.0	-	3-G11
94	Kam	No. 16	6	6	130.0	-	3-G12
95	Kam	No. 17	6	6	130.0	-	3-G12
96	Kam	No. 18	6	6	130.0	-	3-G07
97	Kam	No. 19	7	8	140.0	-	3-G06
98	Kya	No. 01	2	8	95.0	-	3
99	Kya	No. 02	2	10	145.0	-	3
100	Kya	No. 03	2	10	140.0	-	3
101	Kya	No. 04	2	8	122.0	-	3
102	Kye	No. 01	Makyidan South	8	150.0	-	3
103	Kye	No. 02	Makyidan North	8	130.0	-	3
104	Kye	No. 03	Pan Hlaing	8	140.0	-	3
105	Kye	No. 04	Pan Hlaing	10	120.0	-	3
106	Kye	No. 05	Thadu	12	155.5	-	3
107	Kye	No. 06	Makyidan South	8	140.0	-	3
108	Kye	No. 07	Zaykyi East	10	150.0	-	3
109	Kye	No. 08	Obo	10	143.0	-	3
110	Kye	No. 09	Thadu East	8	140.0	-	3
111	Kye	No. 10	Zaykyi East	8	160.0	-	3
112	Kye	No. 11	Zaykyi Lay	8	140.0	-	3
113	Kye	No. 12	Pan Hlaing	8	140.0	-	3
114	Lan	No. 01	4	6	100.0	-	3
115	Lan	No. 02	9	8	125.0	-	3
116	Lan	No. 03	8	8	360.0	-	3
117	Lan	No. 04	8	8	380.0	-	3
118	Lan	No. 05	8	12	140.0	-	3
119	Lan	No. 06	7	6	115.0	-	3
120	Lat	No. 01	2	8	115.0	-	3
121	Lat	No. 02	5	8	106.0	-	3
122	Lat	No. 03	9	8	140.0	-	3
123	Lat	No. 04	9	8	120.0	-	3
124	Min-t	No. 01	Thar Yar Gone	8	140.0	-	3-G13
125	Min-t	No. 02	Ferry Point	8	135.0	-	Hydrant
126	N-Okk	No. 3	L	8	140.0	1980	3
127	N-Okk	No. 4	L	8	300.0	1980	1
128	N-Okk	No. 5	L	8	480.0	1980	1
129	N-Okk	No. 1	J	8	370.0	1980	3
130	N-Okk	No. 2	J	8	380.0	1980	3
131	N-Okk	No. 6	J	8	140.0	1980	3
132	N-Okk	No. 7	7	4	360.0	1980	1
133	N-Okk	No. 6	6	4	360.0	1980	1
134	N-Okk	No. 4	14	4	390.0	1980	1
135	N-Okk	No. 8	K	6	410.0	1980	3
136	N-Okk	N/09	K	8	480.0	1980	3
137	N-Okk	N/12	20	4	380.0	1980	1
138	N-Okk	Wai/01	1	4	213.0	1994	1

TABLE B.2 (1) YCDC TUBE WELL INVENTORY NO.1

Identification			Location	Structures		Age	Service
No. Well	name T/S	ID No.	name Ward	inch Dia.	ft Dep.	year Comp.	level Use
139	N-Okk	Wai/02	4	4	183.0	1994	1
140	N-Okk	Wai/03	4	4	180.0	1994	1
141	N-Okk	Wai/04	5	4	180.0	1994	1
142	N-Okk	Wai/05	5	4	182.0	1994	1
143	N-Okk	Wai/06	6	4	180.0	1994	1
144	N-Okk	Wai/07	7	4	180.0	1994	1
145	N-Okk	Wai/08	L	4	360.0	1994	1
146	N-Okk	Wai/09	J	6	179.0	1994	1
147	N-Okk	Wai/15	17	4	115.0	1994	1
148	N-Okk	Wai/17	21	4	297.0	1994	1
149	N-Okk	Wai/19	17	4	203.0	1994	1
150	Pab	No. 01	2	8	120.0	-	3
151	Pab	No. 02	11	8	120.0	-	3
152	Pab	No. 03	2	8	115.0	-	3
153	San	San/01	Myaynigone North	8	110.0	-	3
154	San	San/03	Moke South	8	100.0	-	3
155	San	San/04	Moke South	8	120.0	-	3
156	San	San/05	Moke South	10	105.0	-	3
157	San	San/08	Kyuntaw North	10	99.5	-	3
158	San	San/10	Linn North	10	130.0	-	3
159	San	San/11	Linn North	8	140.0	-	3
160	San	San/12	Thatandao	10	120.0	-	3
161	San	San/14	Thatandao	8	140.0	-	3
162	San	San/15	Moke South	10	120.0	-	3
163	San	San/16	Ryuntaw South	10	90.0	-	3
164	San	San/17	Thiykamar	10	100.0	-	3
165	San	San/22	Moke North	8	125.0	-	3
166	San	San/24	Thatandao	8	140.0	-	3
167	San	San/25	Aungchanthao	8	95.0	-	3
168	San	San/26	Moke North	8	130.0	-	3
169	San	San/27	Wailuwan North	8	116.0	-	Hydrant
170	Shw	7/06	5/04	4	150.0	-	1
171	Shw	7/16	5/08	4	165.0	-	1
172	Shw	7/17	6/11	4	150.0	-	1
173	Shw	7/19	5/07	4	150.0	-	1
174	Shw	7/31	6/14	4	150.0	-	1
175	Shw	7/40	7/09	4	150.0	-	1
176	Shw	7/46	8/05	4	160.0	-	1
177	Shw	7/48	8/05	6	380.0	-	1
178	S-Okk	1	13	8	390.0	-	3
179	S-Okk	2	14/1	4	215.0	-	3
180	S-Okk	3	14/2	8	278.0	-	3
181	S-Okk	4	14/2	8	180.0	-	3-G14
182	S-Okk	5	14/3	8	255.0	-	3
183	S-Okk	6	14/3	8	282.0	-	3
184	S-Okk	7	12	2	320.0	-	3

TABLE B.2 (1) YCDC TUBE WELL INVENTORY NO.1

Identification No. Well	name T/S	ID No.	Location name Ward	Structures inch Dia.	ft Dep.	Age year Comp.	Service level Use
185	Tha	Tha/01	3	6	360.0	-	3
186	Tha	Tha/02	3	6	360.0	-	3
187	Tha	Tha/03	2	10	360.0	-	3
188	Tha	Tha/04	2	6	280.0	-	3
189	Tha	Tha/05	3	8	390.0	-	3
190	Tha	Tha/06	4	8	240.0	-	3
191	Tha	Tha/07	5	8	340.0	-	3
192	Tha	Tha/09	10	8	110.0	-	3
193	Tha	Tha/12	10	8	80.0	-	3
194	Tha	Tha/13	10	8	200.0	-	3
195	Tha	Tha/14	10	8	86.0	-	3
196	Tha	Tha/15	7	8	90.0	-	3
197	Tha	Tha/16	7	8	85.0	-	3
198	Tha	Tha/20	10	8	120.0	-	3
199	Tha	Tha/21	10	8	260.0	-	3
200	Tha	Tha/22	10	8	80.0	-	3
201	Tha	Tha/23	8	8	340.0	-	3
202	Thin	1	Thumingalar	12	322.0	-	3
203	Thin	2	Ziwana	12	325.0	-	3
204	Thin	3	Laydauntkan	12	280.0	-	3
205	Thin	4	Sa-ka	8	220.0	-	3
206	Thin	5	Hninsigone	10	175.0	-	3-G18
207	Thin	6	Hninsigone	8	320.0	-	1
208	Thin	7	Thuwana 24	6	475.0	-	3
209	Thin	8	Michung Kan 12	12	225.0	-	3
210	Thin	9	16/3	8	225.0	-	1
211	Thin	10	Yangon Thit	8	160.0	-	3-G17
212	Thin	11	Laydauntkan	6	175.0	-	3
213	Thin	12	Kyipwarye	8	180.0	-	3-G16
214	Thin	13	Thuwana 24	10	180.0	-	3-G15
215	Thin	14	Laydauntkan	8	280.0	-	3
216	Thin	15	Thuwana 24	8	475.0	-	3-G15
217	Thin	16	Pyidaung Su Yeik	4	480.0	-	3-G16

TABLE B.2 (2) YCDC TUBE WELL INVENTORY NO.2

Identification			Quantity		Quality			Operation		
No.	name	ID	name	gph	unit	mg/L	mg/L		hr/day	
Well	T/S	No.	Type	Q	pH	Fe	Cl	1998	1999	2000
1	Ahl	L 01	Submersible	10,000	7.7	0.6	26	10.2	10.2	10.2
2	Ahl	L 02	Submersible	15,000	-	-	-	9.9	9.9	9.9
3	Ahl	L 03	Submersible	20,000	-	-	-	10.2	10.2	10.2
4	Ahl	L 04	Submersible	8,000	-	-	-	10.1	10.1	10.1
5	Ahl	L 05	Submersible	15,000	-	-	-	9.9	9.9	9.9
6	Ahl	L 06	Submersible	8,000	-	-	-	10.1	10.1	10.1
7	Ahl	L 07	Submersible	15,000	6.6	0.4	27	9.9	9.9	9.9
8	Ahl	L 08	Submersible	18,000	-	-	-	7.3	7.3	7.3
9	Ahl	L 09	Submersible	15,000	-	-	-	7.2	7.2	7.2
10	Ahl	L 10	Submersible	15,000	-	-	-	10.8	10.8	10.8
11	Bot	No. 01	Submersible	15,000	7.3	0.7	31	19.9	19.9	20.0
12	Bot	No. 02	Submersible	20,000	7.7	0.4	179	0.0	0.0	0.0
13	Bot	No. 03	Airlifting	4,000	7.1	0.9	350	1.0	1.0	1.0
14	Bot	No. 04	Submersible	8,000	6.9	0.3	152	0.0	0.0	14.5
15	Dag	1	Submersible	9,000	5.9	0.3	62	8.0	8.1	6.8
16	Dag	2	Submersible	13,000	-	-	-	6.1	6.5	6.9
17	Dag	3	Submersible	8,000	-	-	-	7.9	7.7	7.2
18	Dag	4	Submersible	8,000	-	-	-	11.9	11.9	12.0
19	Dag	5	Submersible	5,000	-	-	-	0.0	0.0	7.8
20	Dag	6	Submersible	12,000	-	-	-	0.0	0.0	7.8
21	Dag	7	Submersible	10,000	-	-	-	11.9	11.9	11.9
22	Dag	8	Submersible	4,000	-	-	-	10.1	10.1	10.1
23	Dag	9	Submersible	12,000	-	-	-	10.0	10.0	10.0
24	Dag	10	Submersible	15,000	-	-	-	10.0	10.0	10.0
25	Dag	11	Submersible	5,000	-	-	-	10.0	10.0	10.0
26	DMS	18/0A	Submersible	2,000	-	-	-	4.1	4.1	4.0
27	DMS	18/0B	Airlifting	1,800	-	-	-	2.7	2.6	2.6
28	DMS	19/00	Airlifting	4,000	-	-	-	3.5	3.2	3.0
29	DMS	19/01	Airlifting	3,000	7.1	2.0	31	2.4	2.4	2.4
30	DMS	19/02	Airlifting	2,500	-	-	-	2.4	2.4	2.4
31	DMS	19/03	Airlifting	1,200	-	-	-	4.6	4.4	4.4
32	DMS	19/04	Airlifting	4,000	-	-	-	1.6	1.6	1.6
33	DMS	19/05	Airlifting	4,000	-	-	-	1.5	1.5	1.5
34	DMS	19/05	Airlifting	4,000	-	-	-	3.5	3.2	3.0
35	DMS	19/06	Airlifting	2,500	-	-	-	2.4	2.4	2.4
36	DMS	19/07	Airlifting	2,000	-	-	-	2.9	2.9	2.8
37	DMS	19/08	Airlifting	2,500	-	-	-	2.9	2.9	2.9
38	DMS	19/09	Airlifting	2,500	-	-	-	2.1	2.1	2.1
39	DMS	19/0A	Airlifting	3,000	-	-	-	2.0	2.0	2.0
40	DMS	19/10	Airlifting	2,000	-	-	-	3.1	3.1	3.0
41	DMS	20/A	Airlifting	2,500	-	-	-	2.4	2.4	2.4
42	DMS	20/11	Airlifting	2,000	7.8	1.2	12	2.9	2.9	2.8
43	DMS	20/12	Submersible	2,500	-	-	-	2.1	2.1	2.0
44	DMS	20/13	Airlifting	2,000	-	-	-	4.1	4.1	4.0
45	DMS	20/14	Airlifting	2,000	-	-	-	2.9	2.9	2.8
46	DMS	20/16	Airlifting	2,000	-	-	-	2.7	2.7	2.6

TABLE B.2 (2) YCDC TUBE WELL INVENTORY NO.2

Identification			Quantity		Quality			Operation		
No.	name	ID	name	gph	unit	mg/L	mg/L	hr/day		
Well	T/S	No.	Type	Q	pH	Fe	Cl	1998	1999	2000
47	DMS	20/17	Airlifting	2,500	-	-	-	2.3	2.3	2.2
48	DMS	20/18	Airlifting	2,000	-	-	-	3.1	3.1	3.0
49	DMS	24/01	Submersible	2,500	-	-	-	2.3	2.3	2.2
50	DMS	24/02	Airlifting	2,000	-	-	-	3.7	3.7	3.6
51	DMS	24/03	Airlifting	2,500	-	-	-	1.3	1.3	1.3
52	DMS	24/04	Airlifting	2,500	-	-	-	2.9	2.9	2.9
53	DMS	24/05	Airlifting	2,000	-	-	-	2.7	2.9	2.8
54	DMS	24/06	Airlifting	2,000	-	-	-	3.1	3.1	3.0
55	DMS	24/07	Airlifting	3,000	-	-	-	2.0	2.0	2.0
56	DMS	24/08	Airlifting	3,000	-	-	-	1.9	1.9	1.8
57	DMS	24/09	Airlifting	3,000	-	-	-	2.0	2.0	2.0
58	Dal	No.1	Submersible	30,000	-	-	-	0.0	0.0	7.8
59	Dal	No.2	Submersible	30,000	-	-	-	0.0	0.0	7.8
60	Dal	No.3	Submersible	30,000	-	-	-	0.0	0.0	3.9
61	Daw	Daw/1	Airlifting	4,000	7.4	0.2	34	5.1	5.1	5.1
62	Daw	Daw/2	Airlifting	2,000	-	-	-	5.1	5.1	5.1
63	Daw	Daw/3	Airlifting	4,000	-	-	-	5.1	5.1	5.1
64	Daw	Daw/4	Airlifting	4,000	-	-	-	5.1	5.1	5.1
65	Daw	Daw/6	Airlifting	4,000	-	-	-	5.1	5.1	5.1
66	Daw	Daw/7	Airlifting	3,000	-	-	-	4.9	4.9	4.9
67	Daw	Daw/8	Airlifting	2,000	-	-	-	0.0	0.0	0.0
68	Hla-t	08/02	Airlifting	2,000	-	-	-	4.2	4.2	4.2
69	Hla-t	09/07	Airlifting	2,000	-	-	-	4.2	4.2	4.2
70	Hla-t	11/04	Airlifting	2,000	-	-	-	4.2	4.2	4.2
71	Hla-t	13/03	Airlifting	1,500	-	-	-	4.2	4.2	4.2
72	Hla-t	13/05	Airlifting	1,300	-	-	-	4.0	4.0	4.0
73	Hla-t	14/01	Airlifting	1,500	-	-	-	4.2	4.2	4.2
74	Hla-t	16/06	Airlifting	1,500	-	-	-	4.2	4.2	4.2
75	Ins	No. 01	Submersible	6,500	6.5	0.9	64	3.7	3.7	3.6
76	Ins	No. 02	Airlifting	4,000	7.4	0.8	58	4.5	4.5	4.5
77	Ins	No. 03	Airlifting	4,000	-	-	-	7.6	7.6	7.6
78	Ins	No. 04	Submersible	10,000	-	-	-	4.9	4.8	4.9
79	Kam	No. 01	Submersible	13,000	-	-	-	8.6	8.1	8.3
80	Kam	No. 02	Submersible	8,000	-	-	-	12.9	12.0	12.3
81	Kam	No. 03	Submersible	6,500	-	-	-	10.8	10.2	9.7
82	Kam	No. 04	Submersible	12,000	-	-	-	8.3	9.2	7.7
83	Kam	No. 05	Airlifting	10,000	-	-	-	-	-	-
84	Kam	No. 06	Submersible	5,000	-	-	-	21.3	23.0	22.0
85	Kam	No. 07	Submersible	3,000	-	-	-	23.3	23.0	22.3
86	Kam	No. 08	Submersible	3,000	-	-	-	-	-	-
87	Kam	No. 09	Airlifting	8,000	-	-	-	-	-	-
88	Kam	No. 10	Airlifting	5,000	-	-	-	-	-	-
89	Kam	No. 11	Submersible	3,000	-	-	-	-	-	-
90	Kam	No. 12	Submersible	3,000	-	-	-	-	-	-
91	Kam	No. 13	Submersible	3,000	-	-	-	-	-	-
92	Kam	No. 14	Submersible	3,000	-	-	-	-	-	-

TABLE B.2 (2) YCDC TUBE WELL INVENTORY NO.2

Identification			Quantity		Quality			Operation		
No. Well	name T/S	ID No.	name Type	gph Q	unit pH	mg/L Fe	mg/L Cl	hr/day 1998	1999	2000
93	Kam	No. 15	Submersible	3,000	-	-	-	-	-	-
94	Kam	No. 16	Submersible	3,000	-	-	-	-	-	-
95	Kam	No. 17	Submersible	3,000	-	-	-	-	-	-
96	Kam	No. 18	Submersible	3,000	-	-	-	-	-	-
97	Kam	No. 19	Submersible	3,000	-	-	-	-	-	-
98	Kya	No. 01	Submersible	9,000	-	-	-	7.9	9.0	9.9
99	Kya	No. 02	Submersible	7,000	-	-	-	7.9	9.0	9.9
100	Kya	No. 03	Submersible	18,000	-	-	-	7.9	9.4	10.4
101	Kya	No. 04	Submersible	15,000	-	-	-	7.9	8.9	9.9
102	Kye	No. 01	Submersible	6,500	7.9	1.4	541	7.0	11.7	4.9
103	Kye	No. 02	Submersible	6,500	-	-	-	6.9	6.9	7.0
104	Kye	No. 03	Submersible	13,000	-	-	-	7.6	6.9	4.9
105	Kye	No. 04	Submersible	10,800	-	-	-	7.0	6.9	4.6
106	Kye	No. 05	Submersible	8,000	-	-	-	7.6	12.9	4.9
107	Kye	No. 06	Submersible	13,000	-	-	-	7.4	5.6	4.9
108	Kye	No. 07	Submersible	14,000	-	-	-	7.7	7.5	4.6
109	Kye	No. 08	Submersible	15,000	-	-	-	7.5	5.4	4.9
110	Kye	No. 09	Airlifting	5,000	-	-	-	9.4	14.8	5.1
111	Kye	No. 10	Submersible	8,000	-	-	-	7.4	10.6	4.9
112	Kye	No. 11	Submersible	8,000	-	-	-	7.3	7.4	7.3
113	Kye	No. 12	Submersible	20,000	-	-	-	7.4	4.8	4.7
114	Lan	No. 01	Submersible	15,000	-	-	-	16.0	16.1	16.0
115	Lan	No. 02	Submersible	22,000	-	-	-	11.1	11.1	11.1
116	Lan	No. 03	Submersible	8,000	-	-	-	7.1	7.0	7.0
117	Lan	No. 04	Submersible	8,000	-	-	-	7.1	7.1	7.1
118	Lan	No. 05	Submersible	14,000	-	-	-	11.0	11.1	11.1
119	Lan	No. 06	Submersible	8,000	-	-	-	16.0	16.2	16.1
120	Lat	No. 01	Submersible	15,000	-	-	-	11.9	11.9	0.6
121	Lat	No. 02	Submersible	10,000	-	-	-	0.6	11.9	0.6
122	Lat	No. 03	Submersible	12,000	-	-	-	0.6	12.0	0.6
123	Lat	No. 04	Submersible	10,000	-	-	-	0.6	11.9	0.6
124	Min-t	No. 01	Submersible	20,000	-	-	-	3.7	3.6	3.6
125	Min-t	No. 02	Submersible	8,000	-	-	-	3.6	3.6	3.6
126	N-Okk	No. 3	Airlifting	3,000	-	-	-	4.1	4.3	4.7
127	N-Okk	No. 4	Airlifting	3,000	-	-	-	4.6	4.7	5.4
128	N-Okk	No. 5	Submersible	3,000	-	-	-	4.6	4.4	5.2
129	N-Okk	No. 1	Airlifting	8,000	-	-	-	2.2	2.2	2.2
130	N-Okk	No. 2	Submersible	5,000	-	-	-	4.4	4.3	4.7
131	N-Okk	No. 6	Airlifting	4,000	-	-	-	4.0	5.0	4.5
132	N-Okk	No. 7	Airlifting	4,000	-	-	-	2.6	3.0	3.0
133	N-Okk	No. 6	Airlifting	3,000	-	-	-	2.9	2.9	3.5
134	N-Okk	No. 4	Airlifting	10,000	-	-	-	1.8	2.0	1.6
135	N-Okk	No. 8	Airlifting	2,000	-	-	-	4.0	4.0	4.0
136	N-Okk	N/09	Airlifting	3,000	-	-	-	2.9	2.9	2.9
137	N-Okk	N/12	Airlifting	3,000	-	-	-	2.9	2.9	2.9
138	N-Okk	Wai/01	Airlifting	3,000	-	-	-	2.9	2.9	2.9

TABLE B.2 (2) YCDC TUBE WELL INVENTORY NO.2

Identification			Quantity		Quality			Operation		
No.	name	ID	name	gph	unit	mg/L	mg/L	hr/day		
Well	T/S	No.	Type	Q	pH	Fe	Cl	1998	1999	2000
139	N-Okk	Wai/02	Airlifting	3,000	-	-	-	3.4	3.4	2.9
140	N-Okk	Wai/03	Airlifting	3,000	-	-	-	3.6	3.4	3.7
141	N-Okk	Wai/04	Airlifting	3,000	-	-	-	3.9	3.9	3.9
142	N-Okk	Wai/05	Airlifting	3,000	-	-	-	3.9	3.9	3.9
143	N-Okk	Wai/06	Airlifting	3,000	-	-	-	3.9	3.6	3.9
144	N-Okk	Wai/07	Airlifting	3,000	-	-	-	3.9	3.9	3.9
145	N-Okk	Wai/08	Airlifting	3,000	-	-	-	2.9	2.9	2.9
146	N-Okk	Wai/09	Airlifting	3,000	-	-	-	2.9	0.0	0.0
147	N-Okk	Wai/15	Airlifting	3,000	-	-	-	3.9	3.9	3.9
148	N-Okk	Wai/17	Airlifting	3,000	-	-	-	3.9	3.9	3.9
149	N-Okk	Wai/19	Airlifting	3,000	-	-	-	3.9	3.9	3.9
150	Pab	No. 01	Submersible	15,000	-	-	-	8.8	10.8	12.8
151	Pab	No. 02	Submersible	10,000	-	-	-	14.7	8.8	14.8
152	Pab	No. 03	Submersible	15,000	-	-	-	16.7	16.7	14.8
153	San	San/01	Submersible	15,000	-	-	-	5.2	5.4	5.2
154	San	San/03	Submersible	6,500	-	-	-	7.3	7.3	7.3
155	San	San/04	Submersible	10,000	-	-	-	5.2	5.2	5.2
156	San	San/05	Submersible	12,000	-	-	-	5.0	5.0	5.0
157	San	San/08	Submersible	15,000	-	-	-	3.0	3.0	3.0
158	San	San/10	Submersible	13,000	-	-	-	2.1	2.2	2.2
159	San	San/11	Submersible	15,000	-	-	-	2.2	2.2	2.2
160	San	San/12	Submersible	12,000	-	-	-	5.0	5.1	5.1
161	San	San/14	Submersible	12,000	-	-	-	5.0	5.0	5.0
162	San	San/15	Submersible	12,000	-	-	-	4.9	4.9	5.0
163	San	San/16	Submersible	6,500	-	-	-	2.2	2.3	2.2
164	San	San/17	Submersible	5,000	-	-	-	5.0	5.0	5.0
165	San	San/22	Submersible	8,000	-	-	-	5.1	4.7	5.1
166	San	San/24	Submersible	5,000	-	-	-	5.2	5.2	5.2
167	San	San/25	Submersible	10,000	-	-	-	2.1	2.1	2.1
168	San	San/26	Submersible	8,000	-	-	-	2.2	2.2	2.2
169	San	San/27	Submersible	8,000	-	-	-	0.0	0.0	0.0
170	Shw	7/06	Airlifting	2,500	-	-	-	3.5	3.5	3.5
171	Shw	7/16	Airlifting	2,500	-	-	-	2.2	2.2	2.2
172	Shw	7/17	Airlifting	2,500	-	-	-	2.9	2.9	2.9
173	Shw	7/19	Airlifting	2,500	-	-	-	2.1	2.1	2.1
174	Shw	7/31	Airlifting	2,500	-	-	-	2.2	2.2	2.2
175	Shw	7/40	Airlifting	2,500	-	-	-	3.8	3.8	3.8
176	Shw	7/46	Airlifting	2,500	-	-	-	2.2	2.2	2.2
177	Shw	7/48	Airlifting	3,000	-	-	-	1.8	1.8	1.8
178	S-Okk	1	Submersible	10,000	-	-	-	0.6	0.6	0.6
179	S-Okk	2	Airlifting	4,000	-	-	-	4.9	4.3	4.4
180	S-Okk	3	Airlifting	6,000	-	-	-	3.9	3.1	3.0
181	S-Okk	4	Airlifting	5,000	-	-	-	3.8	3.6	3.4
182	S-Okk	5	Airlifting	10,000	-	-	-	2.3	2.3	2.2
183	S-Okk	6	Airlifting	7,000	-	-	-	3.3	3.0	3.2
184	S-Okk	7	Airlifting	600	-	-	-	3.5	2.8	2.7

TABLE B.2 (2) YCDC TUBE WELL INVENTORY NO.2

Identification			Quantity		Quality			Operation		
No.	name	ID	name	gph	unit	mg/L	mg/L		hr/day	
Well	T/S	No.	Type	Q	pH	Fe	Cl	1998	1999	2000
185	Tha	Tha/01	Submersible	3,000	-	-	-	11.6	11.7	11.7
186	Tha	Tha/02	Airlifting	3,000	-	-	-	9.7	9.7	9.7
187	Tha	Tha/03	Submersible	3,000	-	-	-	17.1	17.1	17.1
188	Tha	Tha/04	Airlifting	2,000	6.9	10.5	106	10.0	10.0	10.0
189	Tha	Tha/05	Airlifting	2,000	-	-	-	8.0	8.0	8.0
190	Tha	Tha/06	Submersible	10,000	-	-	-	16.7	16.7	16.7
191	Tha	Tha/07	Airlifting	2,000	-	-	-	8.0	8.0	8.0
192	Tha	Tha/09	Airlifting	2,000	-	-	-	10.0	10.0	10.0
193	Tha	Tha/12	Submersible	5,000	-	-	-	16.7	16.7	16.7
194	Tha	Tha/13	Airlifting	2,000	-	-	-	8.0	8.0	8.0
195	Tha	Tha/14	Airlifting	2,000	-	-	-	8.0	8.0	8.0
196	Tha	Tha/15	Submersible	3,000	-	-	-	16.6	16.6	16.6
197	Tha	Tha/16	Submersible	3,000	-	-	-	16.6	16.6	16.6
198	Tha	Tha/20	Submersible	5,000	-	-	-	11.8	11.8	11.8
199	Tha	Tha/21	Submersible	3,000	-	-	-	11.7	11.7	11.7
200	Tha	Tha/22	Airlifting	2,000	-	-	-	8.0	8.0	8.0
201	Tha	Tha/23	Airlifting	1,500	-	-	-	4.1	4.1	4.1
202	Thin	1	Submersible	25,000	-	-	-	10.0	15.0	10.0
203	Thin	2	Submersible	25,000	8.0	3.0	79	10.0	11.4	11.5
204	Thin	3	Submersible	15,000	-	-	-	10.0	12.2	12.0
205	Thin	4	Submersible	3,000	-	-	-	9.9	9.9	9.7
206	Thin	5	Airlifting	3,000	-	-	-	3.0	3.0	3.0
207	Thin	6	Airlifting	3,000	7.6	8.0	51	4.0	4.0	4.0
208	Thin	7	Submersible	15,000	-	-	-	8.3	8.0	8.0
209	Thin	8	Submersible	3,000	-	-	-	5.0	7.9	8.5
210	Thin	9	Airlifting	3,000	-	-	-	1.0	3.9	1.0
211	Thin	10	Airlifting	3,000	-	-	-	8.1	8.0	7.9
212	Thin	11	Submersible	3,000	-	-	-	19.8	19.8	19.8
213	Thin	12	Submersible	3,000	-	-	-	11.9	11.9	11.9
214	Thin	13	Submersible	3,000	-	-	-	11.9	11.9	11.9
215	Thin	14	Submersible	3,000	-	-	-	0.0	0.0	5.3
216	Thin	15	Submersible	3,000	-	-	-	0.0	0.0	7.9
217	Thin	16	Airlifting	3,000	-	-	-	12.0	11.9	11.9

TABLE B.3 (1) B-1: INDIVIDUAL INFORMATION ON EXISTING WELL

Identification			
Category	Individual Well Information	Sheet No.:	
Date:		Township	
Ward		Block	

Description	*Unit*	*Data/Information*
AA General		
1. Ownership of Well Facility	-	Private, Company or Government
2. Type of Well Structures	-	Driven, Open/Covered Dug & Tube
3. Type of Pump Facility	-	Pail, Hand-pump or Electric-pump
4. *Operation & Maintenance Body*	-	Users, Operator or others
5. Construction Year	year	
6. Type of Groundwater Usage	-	chose BB to EE
BB Domestic Water Use		
1. Purpose of Water Use	-	drinking or only washing/gardening
2. Water Quality	-	Potable, Ironic, Salinity or Sour
3. Operational Condition in Dry Season	-	functioning or malfunctioning
4. Number of Served Household	HH	
CC Industrial Water Use		
1. Type of Factory	-	Type A/B/C/D/E: referred to FF
2. Number of Tube Well	number	
3. Average Discharge of Well	gph	
4. Total Daily Operation Hour	hour	
5. Water Recycle Use	%	Approximately %
DD Irrigation/Livestock/Fishery Water Use		**Irrigation, Livestock or Fishery**
1. Type of Crop	-	Cereals, Vegetable or Fruits
2. Area of Farm or Fishpond	ha	
3. Annual Duration of Groundwater Use	month	
4. Well Discharge	gph	
5. Daily Operation Hours	hour	
EE Commercial/Institutional/Recreation Water Use		**Comm. or Inst. or Rec.**
1. Number of Tube Well	number	
2. Average Discharge of Well	gph	
3. Total Daily Operation Hour	hour	
FF Categorized Types of Industry		
Type A: Mining & Refinery		
Type B: Chemical, Food Processing/Agri-based & Marine-related/Export Oriented		
Type C: Light to Heavy Industry & Manufacturing		
Type D: High Technology, Precision Assembly & Electronics/Electric Manufacturing		
Type E: Automobile/Parts Supply, Garments/Textile & Furniture		

TABLE B.3 (2) B-2: SUMMARIZATION ON EXISTING WELL BY WARD

Identification

Category	Proportion of Wells by Ward	Sheet No.:	
Township		Ward	

AA General

Usage	Number of Wells			
	Private	Company	Government	Total
Domestic				
Industrial				
Irri./Live./Fish.				
Comm./Inst./Recr.				
Sub Total				

BB Domestic Water

Item	Served Household			
	Unsafe Water		Safe Water	
	Driven	Open Dug	Covered Dug	Tube
Drinking Water				
Quality Problem				
Malfunctional				

CC Industrial Water

Type of Industry	Annual Well Production (GPH/GPY)			Recycle %
	Total Well No.	Average Q	Annual Q	
Type A				
Type B				
Type C				
Type D				
Type E				
Total		-	-	-
Weighted Average	-			

DD Irrigation/Livestock/Fishery Water

Usage	Annual Well Production (GPH/GPY)		
	Total Well No.	Average Q	Annual Q
Irrigation			
Livestock			
Fishery			
Sub Total		-	-
Weighted Average	-		

EE Commercial/Institutional/Recreation Water

Usage	Annual Well Production		
	Total Well No.	Average Q	Annual Q
Commercial			
Institutional			
Recreation			
Sub Total		-	-
Weighted Ave.	-		

TABLE B.3 (3) B-3: SUMMARIZATION ON EXISTING WELL BY T/S

Identification

Category	Proportion of Wells by Township	Township	

AA General

Usage	Well Number	Production (MGPY)
1 Domestic		
2 Industrial		
3 Irrigation/Livestock/Fishery		
4 Commercial/Institutional/Recreation		
Township Total		

BB Evaluation of Domestic Water in Township

Criteria	Private		Company		Government		Total	
	-	%	-	%	-	%	-	%
1 No. of Well Facilities								100
2 No. of Safe Water Source								
3 No. of Quality Problem								
4 No. of Malfunctional Well								
5 No. of Served Household								100
6 Annual Discharge (MGPY)								100

CC Ward Locality

Name of Ward	Usage (Number & Production in MGPY)									
	Domestic		Industrial		Irrigation		Commercial		Total	
	No.	Q	No.	Q	No.	Q	No.	Q	No.	Q
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

TABLE B.4 (1) NONE YCDC WELL NO. BY SECTOR/OWNERSHIP

Township	Sector			Ownership					
				Private			Government		
	Dom	Ind	Com	Dom	Ind	Com	Dom	Ind	Com
Ahlone	796	0	0	796	0	0	0	0	0
Bahan	200	0	0	200	0	0	0	0	0
Botataung	5	0	0	4	0	0	1	0	0
Dagon	73	0	0	55	0	0	18	0	0
Dagon Myothit East	4,613	0	0	4,608	0	0	5	0	0
Dagon Myothit North	5,320	0	0	5,197	0	0	123	0	0
Dagon Myothit Seikkan	117	0	0	117	0	0	0	0	0
Dagon Myothit South	4,368	306	0	4,263	306	0	105	0	0
Dala	0	0	0	0	0	0	0	0	0
Dawbon	157	0	0	157	0	0	0	0	0
Hlaing	14,892	9	0	14,892	9	0	0	0	0
Hlaingthaya	6,500	0	0	6,500	0	0	0	0	0
Insein	4,377	15	0	4,377	0	0	0	15	0
Kamayut	1,179	0	0	1,179	0	0	0	0	0
Kyauktada	10	0	0	10	0	0	0	0	0
Kyeemyindaing	1,363	0	0	1,363	0	0	0	0	0
Lanmadaw	60	11	3	59	10	3	1	1	0
Latha	2	0	0	0	0	0	2	0	0
Mayangone	4,324	0	0	4,324	0	0	0	0	0
Mingalardon	892	0	0	862	0	0	30	0	0
Mingalartaungnyunt	0	0	0	0	0	0	0	0	0
North Okkalapa	486	0	0	486	0	0	0	0	0
Pabedan	0	0	0	0	0	0	0	0	0
Pazundaung	0	5	0	0	5	0	0	0	0
Sanchaung	1,315	0	0	1,298	0	0	17	0	0
Seikan Port	30	0	0	28	0	0	2	0	0
Seikkyi Kanaungto	17	0	0	17	0	0	0	0	0
Shwepyitha	13,263	0	0	13,263	0	0	0	0	0
South Okkalapa	1,553	0	0	1,553	0	0	0	0	0
Tamwe	74	0	0	74	0	0	0	0	0
Thaketa	323	0	0	311	0	0	12	0	0
Thingangyun	1,442	0	0	1,442	0	0	0	0	0
Yankin	1,072	0	0	1,072	0	0	0	0	0
City Total	68,823	346	3	68,507	330	3	316	16	0

Remarks;

Dom: Domestic Water Use
Ind: Industrial Water Use
Com: Commercial Water Use

TABLE B.4 (2) SECTORIAL WELL NUMBER

Township	Domestic			Industrial					Commercial	
	Type of Well			Sub-sector					Utilization	
	Dug-o	Dug-c	Tube	A	B	C	D	E	Com	Reer
Ahlone	0	796	0	0	0	0	0	0	0	0
Bahan	0	200	0	0	0	0	0	0	0	0
Botataung	0	5	0	0	0	0	0	0	0	0
Dagon	0	73	0	0	0	0	0	0	0	0
Dagon Myothit East	0	4,613	0	0	0	0	0	0	0	0
Dagon Myothit North	0	5,320	0	0	0	0	0	0	0	0
Dagon Myothit Seikkan	0	117	0	0	0	0	0	0	0	0
Dagon Myothit South	0	4,368	0	0	306	0	0	0	0	0
Dala	0	0	0	0	0	0	0	0	0	0
Dawbon	0	157	0	0	0	0	0	0	0	0
Hlaing	0	14,892	0	0	9	0	0	0	0	0
Hlaingthaya	0	6,500	0	0	0	0	0	0	0	0
Insein	0	4,377	0	0	0	10	5	0	0	0
Kamayut	0	1,179	0	0	0	0	0	0	0	0
Kyauktada	0	10	0	0	0	0	0	0	0	0
Kyeemyindaing	0	1,363	0	0	0	0	0	0	0	0
Lanmadaw	0	4	56	0	11	0	0	0	2	1
Latha	0	2	0	0	0	0	0	0	0	0
Mayangone	0	4,324	0	0	0	0	0	0	0	0
Mingalardon	0	861	31	0	0	0	0	0	0	0
Mingalartaungnyunt	0	0	0	0	0	0	0	0	0	0
North Okkalapa	0	486	0	0	0	0	0	0	0	0
Pabedan	0	0	0	0	0	0	0	0	0	0
Pazundaung	0	0	0	0	5	0	0	0	0	0
Sanchaung	0	1,315	0	0	0	0	0	0	0	0
Seikan Port	0	30	0	0	0	0	0	0	0	0
Seikkyi Kanaungto	0	17	0	0	0	0	0	0	0	0
Shwepyitha	0	13,263	0	0	0	0	0	0	0	0
South Okkalapa	0	1,553	0	0	0	0	0	0	0	0
Tamwe	0	74	0	0	0	0	0	0	0	0
Thaketa	0	323	0	0	0	0	0	0	0	0
Thingangyun	0	1,442	0	0	0	0	0	0	0	0
Yankin	661	411	0	0	0	0	0	0	0	0
City Total	661	68,075	87	0	331	10	5	0	2	1

Remarks: Dug-o: Open Dug Well (Categilized Unsafe Water Source)
Dug-c: Covered Dug Well (Categilized Safe Water Source)
A: Mining & Refinery
B: Chemical, Food Processing/Agri-based & Marine-related/Export Oriented
C: Light to Heavy Industry & Manufacturing
D: High Technology, Precision Assembly & Electronics/Electric Manufacturing
E: Automobile/Parts Supply, Garments/Textile & Furniture
Com: Commercial Use
Reer: Recreation Use (Hotel, Play Land, etc.)

TABLE B.5 (1) GROUND SURFACE LAND USE BY TOWNSHIP

Township	Ground Surface Land Use (km^2)					
	Forest	Farm	Built-up	Paddy	Swamp	Total
Ahlone	0.65	0.43	1.37	0.11	0.13	2.69
Bahan	0.38	0.23	5.97	0.91	1.36	8.84
Botataung	0.86	0.55	0.81	0.00	0.17	2.38
Dagon	1.59	0.98	1.17	0.65	0.28	4.67
Dagon Myothit East	0.60	0.60	6.61	52.24	0.00	60.05
Dagon Myothit North	1.31	1.05	20.23	3.42	0.26	26.27
Dagon Myothit Seikkan	0.39	0.00	6.55	31.57	0.00	38.50
Dagon Myothit South	2.18	1.46	24.01	8.37	0.36	36.38
Dala	0.85	0.28	8.21	18.97	0.00	28.31
Dawbon	0.40	0.26	2.54	0.40	0.07	3.68
Hlaing	1.51	0.96	9.45	1.51	0.27	13.70
Hlaingthaya	0.67	0.00	28.29	38.40	0.00	67.36
Insein	4.90	3.15	17.51	8.40	1.05	35.01
Kamayut	0.44	0.31	2.92	2.49	0.06	6.22
Kyauktada	0.10	0.06	0.41	0.06	0.02	0.65
Kyeemyindaing	0.22	0.11	2.24	2.96	0.06	5.59
Lanmadaw	0.25	0.17	0.89	0.06	0.04	1.41
Latha	0.19	0.11	0.44	0.04	0.03	0.81
Mayangone	2.15	1.29	12.25	5.37	4.27	25.33
Mingalardon	25.16	16.10	32.21	22.14	19.43	115.04
Mingalartaungnyunt	0.25	0.20	2.23	2.33	0.05	5.06
North Okkalapa	0.85	0.28	12.15	14.98	0.00	28.26
Pabedan	0.08	0.05	0.60	0.01	0.02	0.76
Pazundaung	0.05	0.03	0.80	0.12	0.01	1.01
Sanchaung	0.10	0.05	1.61	0.69	0.02	2.47
Seikan Port	0.59	0.38	0.06	0.01	0.10	1.14
Seikkyi Kanaungto	0.00	0.00	0.59	5.27	0.00	5.85
Shwepyitha	5.12	3.15	24.03	6.30	0.79	39.39
South Okkalapa	0.00	0.00	6.93	0.77	0.00	7.70
Tamwe	0.70	0.40	3.40	0.40	0.10	5.00
Thaketa	1.30	0.91	9.11	1.43	0.26	13.01
Thingangyun	0.57	0.46	8.97	1.38	0.11	11.50
Yankin	0.80	0.55	3.22	0.30	0.15	5.03
City Total	**55.22**	**34.58**	**257.74**	**232.05**	**29.49**	**609.09**
Proportion %	**9.1%**	**5.7%**	**42.3%**	**38.1%**	**4.8%**	**100.0%**

Source: Original land use plan was obtained from Township offices, as of July 2001.
Remarks: Modification of original land use plan was assumed by this study,

TABLE B.5 (2) SHARE RATES OF METEOROLOGICAL CYCLE BY MONTHLY BASIS

Meteorological Data			Ground Surface Category													
			Forest			Farm/Open Land, etc.			Built-up			Paddy			Swamp		
Month	P	Ev	Et	Sr	Gr	Et	Sr	Gr	Et	Sr	Gr	Et	Sr	Gr	Et	Sr	Gr
Jan	4.30	115.49	4.30	0.00	0.00	4.30	0.00	0.00	4.30	0.00	0.00	4.30	0.00	0.00	4.30	0.00	0.00
Feb	3.91	122.07	3.91	0.00	0.00	3.91	0.00	0.00	3.91	0.00	0.00	3.91	0.00	0.00	3.91	0.00	0.00
Mar	10.21	162.84	10.21	0.00	0.00	10.21	0.00	0.00	10.21	0.00	0.00	10.21	0.00	0.00	10.21	0.00	0.00
Apr	28.30	183.45	28.30	0.00	0.00	28.30	0.00	0.00	28.30	0.00	0.00	28.30	0.00	0.00	28.30	0.00	0.00
May	294.42	141.82	226.91	40.51	27.00	198.55	67.11	28.76	177.28	93.72	23.43	156.00	124.58	13.84	141.82	152.60	0.00
Jun	548.85	74.96	119.94	257.34	171.56	104.95	310.73	133.17	93.70	364.12	91.03	82.46	419.75	46.64	74.96	473.89	0.00
Jul	573.97	75.25	120.40	272.14	181.43	105.35	328.03	140.58	94.07	383.92	95.98	82.78	442.07	49.12	75.25	498.72	0.00
Aug	610.67	72.19	115.50	297.10	198.07	101.07	356.72	152.88	90.24	416.34	104.09	79.41	478.13	53.13	72.19	538.48	0.00
Sep	368.88	81.32	130.11	143.26	95.51	113.85	178.52	76.51	101.65	213.78	53.45	89.45	251.48	27.94	81.32	287.56	0.00
Oct	197.21	100.12	160.19	22.22	14.81	140.16	39.94	17.12	125.14	57.65	14.41	110.13	78.38	8.71	100.12	97.10	0.00
Nov	61.24	107.10	61.24	0.00	0.00	61.24	0.00	0.00	61.24	0.00	0.00	61.24	0.00	0.00	61.24	0.00	0.00
Dec	4.27	110.62	4.27	0.00	0.00	4.27	0.00	0.00	4.27	0.00	0.00	4.27	0.00	0.00	4.27	0.00	0.00
Total	2,706.24	1,347.23	985.30	1,032.56	688.38	876.17	1,281.05	549.02	794.32	1,529.54	382.38	712.47	1,794.39	199.38	657.91	2,048.34	0.00
Share Rates of Rainfall			36.41%	38.15%	25.44%	32.38%	47.34%	20.29%	29.35%	56.52%	14.13%	26.33%	66.31%	7.37%	24.31%	75.69%	0.00%
Transpiration & Sr			60.00%	60.00%		40.00%	70.00%		25.00%	80.00%		10.00%	90.00%		0.00%	100.00%	

Rainfall ; Average Monthly Total at the Kaba-aye Station during the year 1968 to 2000 (33 years)
Evaporation ; Average Monthly Total at the Kaba-aye Station during the year 1980 to 2000 excluding 1984 (19 years)
Adopted Ratio ; Evapotranspiration = Evaporation + Transpiration (Evaporation x Ratio) <= Rainfall
Proportion rate of evaporation is assumed for estimation of transpiration during rainy season.
; Rainfall - Evapotranspiration = Surface Run-off + Recharge
Proportion rate of surface run-off is assumed for estimation of recharge.
Note ; P is precipitation, Ev is evaporation, Et is evapotranspiration, Sr is surface run-off and Gr is groundwater recharge, respectively.

TABLE B.5 (3) ESTIMATION OF LEAKAGE AMOUNT USING SERVICE COVERAGE

Identification		YCDC							None YCDC			Total Leakage
		SW/GW			GW			YCDC	GW			
Township	Population	Cover	Consume	Leakage	Cover	Consume	Leakage	Leakage	Cover	Consume	Leakage	
	capita	%	m^3/year	m^3/year	%	m^3/year	m^3/year	m^3/year	%	m^3/year	m^3/year	m^3/year
1 Ahlone	45,870	26%	870,613	1,741,225	0%	0	0	1,741,225	60%	1,506,830	376,707	2,117,933
2 Bahan	100,139	91%	6,652,234	13,304,468	0%	0	0	13,304,468	1%	54,826	13,707	13,318,174
3 Botataung	55,434	88%	3,561,080	7,122,160	0%	0	0	7,122,160	0%	0	0	7,122,160
4 Dagon	42,079	97%	2,979,614	5,959,228	0%	0	0	5,959,228	3%	69,115	17,279	5,976,507
5 Dagon Myothit East	58,108	0%	0	0	0%	0	0	0	0%	0	0	0
6 Dagon Myothit North	107,045	0%	0	0	0%	0	0	0	4%	234,429	58,607	58,607
7 Dagon Myothit Seikkan	19,245	0%	0	0	0%	0	0	0	23%	242,343	60,586	60,586
8 Dagon Myothit South	147,804	0%	0	0	0%	0	0	0	2%	161,845	40,461	40,461
9 Dala	81,317	0%	0	0	13%	694,528	231,509	231,509	0%	0	0	231,509
10 Dawbon	83,787	2%	122,329	244,658	0%	0	0	244,658	0%	0	0	244,658
11 Hlaing	176,751	10%	1,290,282	2,580,565	0%	0	0	2,580,565	13%	1,258,025	314,506	2,895,071
12 Hlaingthaya	209,714	0%	0	0	0%	0	0	0	1%	114,818	28,705	28,705
13 Insein	253,421	10%	1,849,973	3,699,947	1%	166,498	55,499	3,755,446	0%	0	0	3,755,446
14 Kamayut	87,325	24%	1,529,934	3,059,868	23%	1,319,568	439,856	3,499,724	0%	0	0	3,499,724
15 Kyauktada	46,405	100%	3,387,565	6,775,130	0%	0	0	6,775,130	0%	0	0	6,775,130
16 Kyeemyindaing	92,113	20%	1,344,850	2,689,700	0%	0	0	2,689,700	9%	453,887	113,472	2,803,171
17 Lanmadaw	42,742	96%	2,995,359	5,990,719	0%	0	0	5,990,719	3%	70,204	17,551	6,008,270
18 Latha	34,254	100%	2,500,542	5,001,084	0%	0	0	5,001,084	0%	0	0	5,001,084
19 Mayangone	192,694	67%	9,424,664	18,849,327	0%	0	0	18,849,327	0%	0	0	18,849,327
20 Mingalardon	179,982	19%	2,496,350	4,992,701	0%	0	0	4,992,701	0%	0	0	4,992,701
21 Mingalartaungnyunt	115,597	99%	8,354,195	16,708,390	0%	0	0	16,708,390	1%	63,289	15,822	16,724,213
22 North Okkalapa	304,339	66%	14,663,053	29,326,106	0%	0	0	29,326,106	0%	0	0	29,326,106
23 Pabedan	49,969	100%	3,647,737	7,295,474	0%	0	0	7,295,474	0%	0	0	7,295,474
24 Pazundaung	40,390	100%	2,948,470	5,896,940	0%	0	0	5,896,940	0%	0	0	5,896,940
25 Sanchaung	82,951	40%	2,422,169	4,844,338	0%	0	0	4,844,338	3%	136,247	34,062	4,878,400
26 Seikan Port	1,452	0%	0	0	20%	19,079	6,360	6,360	0%	0	0	6,360
27 Seikkyi Kanaungto	26,938	0%	0	0	0%	0	0	0	0%	0	0	0
28 Shwepyitha	181,484	0%	0	0	0%	0	0	0	0%	0	0	0
29 South Okkalapa	231,849	67%	11,339,735	22,679,469	1%	152,325	50,775	22,730,244	0%	0	0	22,730,244
30 Tamwe	135,242	92%	9,082,853	18,165,705	0%	0	0	18,165,705	0%	0	0	18,165,705
31 Thaketa	294,582	15%	3,225,673	6,451,346	0%	0	0	6,451,346	0%	0	0	6,451,346
32 Thingangyun	253,119	0%	0	0	7%	1,164,094	388,031	388,031	30%	4,157,480	1,039,370	1,427,401
33 Yankin	112,859	59%	4,860,837	9,721,674	0%	0	0	9,721,674	0%	0	0	9,721,674
City Total (MCM/Y)	3,887,000	35%	101.55	203.10	1%	3.52	1.17	204.27	4%	8.52	2.13	206.40

TABLE B.5 (4) PROPORTIONS OF GROUNDWATER INFLOW FROM & OUTFLOW TO

Township to be Recharged	Township Recharges																
	Bahan	Botataung	Dagon	Hlaing	Insein	Kamayut	Kyauktada	Lanmadaw	Latha	Mayangone	Mingalardon	Pabedan	Sanchaung	Shwepyitha	Tamwe	Yankin
1 Ahlone	-	-	25%	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Bahan	-	-	20%	-	-	15%	-	-	-	-	-	-	-	-	-	-
3 Botataung	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Dagon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Dagon Myothit East	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6 Dagon Myothit North	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Dagon Myothit Seikkan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 Dagon Myothit South	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Dala	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 Dawbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11 Hlaing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Hlaingthaya	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Insein	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Kamayut	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 Kyauktada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Kyeemyindaing	-	-	-	-	-	20%	-	-	-	-	-	-	100%	-	-	-
17 Lanmadaw	-	-	20%	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Latha	-	-	10%	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Mayangone	-	-	-	15%	10%	10%	-	-	-	-	5%	-	-	-	-	-
20 Mingalardon	-	-	-	-	30%	-	-	-	-	-	-	-	-	5%	-	-
21 Mingalartaungnyunt	25%	-	20%	-	-	-	-	-	-	-	-	-	-	-	45%	-
22 North Okkalapa	-	-	-	-	-	-	-	-	-	25%	35%	-	-	-	-	-
23 Pabedan	-	-	5%	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Pazundaung	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25 Sanchaung	-	-	-	-	-	20%	-	-	-	-	-	-	-	-	-	-
26 Seikan Port	-	40%	-	-	-	-	100%	100%	100%	-	-	100%	-	-	-	-
27 Seikkyi Kanaungto	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28 Shwepyitha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29 South Okkalapa	-	-	-	-	-	-	-	-	-	5%	-	-	-	-	-	40%
30 Tamwe	55%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25%
31 Thaketa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32 Thingangyun	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45%	35%
33 Yankin	20%	-	-	-	-	-	-	-	-	10%	-	-	-	-	-	-
Recharge % of Upstream	100%	40%	100%	15%	40%	65%	100%	100%	100%	40%	40%	100%	100%	5%	90%	100%

Note: Recharge percentages were estimated by the Map of Township and Hydrogeological Boundary.

TABLE B.5 (5) GROUNDWATER STORAGE RATES BY GEOLOGY

Township	Aquifer		Specific Yield by Geology (Stratigraphy)							Apparent
	Depth	SWL	QH	QP	TPc	TPsa	TMa	TOsa	TOsh	Porosity
	m	m	15%	10%	0%	8%	4%	6%	0%	m
1 Ahlone	70	3	60%	40%	0%	0%	0%	0%	0%	8.7
2 Bahan	70	12	0%	0%	50%	50%	0%	0%	0%	2.3
3 Botataung	40	3	95%	5%	0%	0%	0%	0%	0%	5.5
4 Dagon	70	6	0%	70%	0%	30%	0%	0%	0%	6.0
5 Dagon Myothit East	130	15	100%	0%	0%	0%	0%	0%	0%	17.3
6 Dagon Myothit North	130	15	100%	0%	0%	0%	0%	0%	0%	17.3
7 Dagon Myothit Seikkan	130	9	100%	0%	0%	0%	0%	0%	0%	18.2
8 Dagon Myothit South	130	12	100%	0%	0%	0%	0%	0%	0%	17.7
9 Dala	70	3	100%	0%	0%	0%	0%	0%	0%	10.1
10 Dawbon	130	3	100%	0%	0%	0%	0%	0%	0%	19.1
11 Hlaing	70	6	55%	25%	0%	20%	0%	0%	0%	7.9
12 Hlaingthaya	70	3	100%	0%	0%	0%	0%	0%	0%	10.1
13 Insein	70	9	35%	30%	35%	0%	0%	0%	0%	5.0
14 Kamayut	70	6	25%	55%	0%	20%	0%	0%	0%	6.9
15 Kyauktada	50	3	50%	50%	0%	0%	0%	0%	0%	5.9
16 Kyeemyindaing	70	3	70%	30%	0%	0%	0%	0%	0%	9.0
17 Lanmadaw	50	3	25%	75%	0%	0%	0%	0%	0%	5.3
18 Latha	50	3	30%	70%	0%	0%	0%	0%	0%	5.4
19 Mayangone	70	4.5	20%	5%	65%	10%	0%	0%	0%	2.8
20 Mingalardon	160	12	25%	0%	30%	30%	15%	0%	0%	10.0
21 Mingalartaungnyunt	70	6	85%	0%	15%	0%	0%	0%	0%	8.2
22 North Okkalapa	130	15	95%	0%	5%	0%	0%	0%	0%	16.4
23 Pabedan	50	3	65%	35%	0%	0%	0%	0%	0%	6.2
24 Pazundaung	50	4.5	100%	0%	0%	0%	0%	0%	0%	6.8
25 Sanchaung	70	6	0%	100%	0%	0%	0%	0%	0%	6.4
26 Seikan Port	40	3	100%	0%	0%	0%	0%	0%	0%	5.6
27 Seikkyi Kanaungto	70	3	100%	0%	0%	0%	0%	0%	0%	10.1
28 Shwepyitha	100	12	85%	0%	0%	2%	3%	4%	6%	11.7
29 South Okkalapa	130	4.5	95%	0%	5%	0%	0%	0%	0%	17.9
30 Tamwe	100	9	10%	0%	90%	0%	0%	0%	0%	1.4
31 Thaketa	130	4.5	100%	0%	0%	0%	0%	0%	0%	18.8
32 Thingangyun	130	9	70%	0%	30%	0%	0%	0%	0%	12.7
33 Yankin	0	0	0%	0%	100%	0%	0%	0%	0%	0.0

Note: Geological proportions were estimated by the Geological Map

TABLE B.5 (6) EXTRACTION AMOUNT BY YCDC & NONE YCDC

Township	Number of Well		Production (CM/Y)		Exploitation (CM/Y)
	YCDC	None YCDC	YCDC	None YCDC	
1 Ahlone	10	796	2,188,626	122,027	2,310,653
2 Bahan	0	200	0	30,660	30,660
3 Botataung	3	5	153,002	767	153,769
4 Dagon	11	73	1,425,562	11,191	1,436,753
5 Dagon Myothit East	0	4,613	0	707,173	707,173
6 Dagon Myothit North	0	5,320	0	815,556	815,556
7 Dagon Myothit Seikkan	0	117	0	17,936	17,936
8 Dagon Myothit South	32	4,674	336,900	8,652,223	8,989,124
9 Dala	3	0	736,452	0	736,452
10 Dawbon	7	157	174,225	24,068	198,294
11 Hlaing	0	14,901	0	2,517,726	2,517,726
12 Hlaingthaya	7	6,500	80,464	996,450	1,076,914
13 Insein	4	4,392	199,215	924,983	1,124,198
14 Kamayut	19	1,179	895,398	180,741	1,076,139
15 Kyauktada	4	10	817,803	1,533	819,336
16 Kyeemyindaing	12	1,363	1,079,448	208,948	1,288,396
17 Lanmadaw	6	74	1,465,635	643,158	2,108,793
18 Latha	4	2	46,664	307	46,970
19 Mayangone	0	4,324	0	662,869	662,869
20 Mingalardon	0	892	0	282,064	282,064
21 Mingalartaungnyunt	2	0	121,033	0	121,033
22 North Okkalapa	24	486	481,831	74,504	556,334
23 Pabedan	3	0	934,658	0	934,658
24 Pazundaung	0	5	0	130,435	130,435
25 Sanchaung	17	1,315	1,111,988	201,590	1,313,577
26 Seikan Port	1	30	498,469	4,599	503,068
27 Seikkyi Kanaungto	0	17	0	2,606	2,606
28 Shwepyitha	8	13,263	87,511	2,033,218	2,120,728
29 South Okkalapa	7	1,553	171,900	238,075	409,974
30 Tamwe	0	74	0	11,344	11,344
31 Thaketa	17	323	1,141,773	49,516	1,191,289
32 Thingangyun	16	1,442	1,868,015	221,059	2,089,074
33 Yankin	0	1,072	0	164,338	164,338
City Total	**217**	**69,172**	**16,016,571**	**19,931,662**	**35,948,233**

Note: YCDC production was estimated by the database in 2000.
None YCDC production was broken down by Township.

TABLE B.5 (7) STUDY RESULTS ON GROUNDWATER DEVELOPMENT POTENTIAL

Township	Area	Recharge					Sustained Yield						Development Availability	Storage		Susceptibility
		Rainfall	Irrigation	Leakage	Inflow	Total	Permissive Percentage	Potential	YCDC	None YCDC	Extraction	Exploitation		Apparent Porosity	Volume	
	(1)	(2)	(3)	(4)	(5)	(6) =(2)+(3)+(4)+(5)	(7)	(8) =(6)x(7)	(9)	(10)	(11) =(9)+(10)	(12) =(11)/(8)	(13) =(8)-(11)	(14)	(15) =(13)x(14)	(16) =(11)/(13)
	km^2	MCM/Y	MCM/Y	MCM/Y	MCM/Y	MCM/Y	%	MCM/Y	MCM/Y	MCM/Y	MCM/Y	%	MCM/Y	m	MCM	%
1 Ahlone	2.69	1.23	0.00	0.64	1.01	2.88	69%	1.98	2.19	0.12	**2.31**	**116%**	**-0.33**	8.7	23.46	12%
2 Bahan	8.84	2.85	0.04	4.00	1.29	8.17	18%	1.43	0.00	0.03	0.03	2%	1.40	2.3	20.51	40%
3 Botataung	2.38	1.20	0.00	2.14	0.00	3.34	74%	2.48	0.15	0.00	0.15	6%	2.32	5.5	13.00	26%
4 Dagon	4.67	2.21	0.03	1.79	0.00	4.03	51%	2.05	1.43	0.01	1.44	70%	0.62	6.0	28.11	14%
5 Dagon Myothit East	60.05	13.69	2.07	0.00	0.00	**15.76**	35%	5.52	0.00	0.71	0.71	13%	4.81	17.3	1,035.86	2%
6 Dagon Myothit North	26.27	9.90	0.14	0.02	0.00	10.05	35%	3.52	0.00	0.82	0.82	23%	2.70	17.3	453.23	2%
7 Dagon Myothit Seikkan	38.50	9.06	1.25	0.02	0.00	**10.33**	35%	3.62	0.00	0.02	0.02	0%	3.60	18.2	698.78	1%
8 Dagon Myothit South	36.38	13.15	0.33	0.01	0.00	**13.50**	35%	**4.72**	0.34	8.65	**8.99**	**190%**	**-4.27**	17.7	643.93	2%
9 Dala	28.31	7.66	0.75	0.07	0.00	8.48	75%	6.36	0.74	0.00	0.74	12%	5.63	10.1	284.49	3%
10 Dawbon	3.68	1.47	0.02	0.07	0.00	1.56	35%	0.55	0.17	0.02	0.20	36%	0.35	19.1	70.06	2%
11 Hlaing	13.70	5.48	0.06	0.87	0.00	6.41	62%	3.99	0.00	2.52	**2.52**	63%	1.47	7.9	108.29	6%
12 Hlaingthaya	67.36	18.94	1.52	0.01	0.00	**20.47**	75%	**15.35**	0.08	1.00	1.08	7%	**14.28**	10.1	676.99	3%
13 Insein	35.01	13.47	0.33	1.13	0.00	14.93	46%	6.87	0.20	0.92	1.12	16%	5.75	5.0	176.21	8%
14 Kamayut	6.22	2.08	0.10	1.05	0.00	3.23	58%	1.87	0.90	0.18	1.08	58%	0.79	6.9	43.16	7%
15 Kyauktada	0.65	0.27	0.00	2.03	0.00	2.30	68%	1.56	0.82	0.00	0.82	53%	0.74	5.9	3.80	61%
16 Kyeemyindaing	5.59	1.66	0.12	0.84	3.63	6.25	71%	4.41	1.08	0.21	1.29	29%	3.12	9.0	50.60	12%
17 Lanmadaw	1.41	0.62	0.00	1.80	0.81	3.23	64%	2.06	1.47	0.64	**2.11**	**103%**	**-0.05**	5.3	7.44	43%
18 Latha	0.81	0.37	0.00	1.50	0.40	2.27	65%	1.47	0.05	0.00	0.05	3%	1.42	5.4	4.40	52%
19 Mayangone	25.33	7.94	0.21	5.65	5.30	19.12	16%	3.11	0.00	0.66	0.66	21%	2.44	2.8	71.35	27%
20 Mingalardon	115.04	42.89	0.88	1.50	5.28	**50.54**	19%	9.73	0.00	0.28	0.28	3%	9.45	10.0	1,149.26	4%
21 Mingalartaungnyunt	5.06	1.60	0.09	5.02	9.02	15.73	31%	4.80	0.12	0.00	0.12	3%	4.68	8.2	41.32	38%
22 North Okkalapa	28.26	8.37	0.59	8.80	22.47	**40.23**	34%	**13.48**	0.48	0.07	0.56	4%	**12.92**	16.4	463.03	9%
23 Pabedan	0.76	0.32	0.00	2.19	0.20	2.71	70%	1.89	0.93	0.00	0.93	49%	0.95	6.2	4.73	57%
24 Pazundaung	1.01	0.38	0.00	1.77	0.00	2.16	35%	0.75	0.00	0.13	0.13	17%	0.62	6.8	6.91	31%
25 Sanchaung	2.47	0.85	0.03	1.46	0.65	2.99	60%	1.79	1.11	0.20	1.31	73%	0.48	6.4	15.83	19%
26 Seikan Port	1.14	0.64	0.00	0.00	11.85	12.49	75%	9.37	0.50	0.00	0.50	5%	8.86	5.6	6.32	197%
27 Seikkyi Kanaungto	5.85	1.27	0.21	0.00	0.00	1.48	75%	1.11	0.00	0.00	0.00	0%	1.11	10.1	58.82	3%
28 Shwepyitha	39.39	15.70	0.25	0.00	0.00	15.95	66%	**10.54**	0.09	2.03	**2.12**	20%	8.42	11.7	460.00	3%
29 South Okkalapa	7.70	2.80	0.03	6.82	2.68	12.34	34%	4.13	0.17	0.24	0.41	10%	3.72	17.9	137.70	9%
30 Tamwe	5.00	2.08	0.02	5.45	6.17	13.72	8%	1.10	0.00	0.01	0.01	1%	1.09	1.4	6.82	201%
31 Thaketa	13.01	5.16	0.06	1.94	0.00	7.16	35%	2.50	1.14	0.05	1.19	48%	1.31	18.8	244.94	3%
32 Thingangyun	11.50	4.35	0.05	0.43	8.52	13.36	26%	3.47	1.87	0.22	**2.09**	60%	1.38	12.7	146.09	9%
33 Yankin	5.03	2.15	0.01	2.92	1.63	6.71	5%	0.34	0.00	0.16	0.16	49%	0.17	0.0	0.00	0%
Total	**609.09**	201.82	9.21	61.92	80.92	**353.87**	39%	**137.90**	16.02	19.93	**35.95**	26%	**101.96**	11.7	7,155.41	5%

DATA B.6 (1) ALLOCATION OF TUBE WELLS IN MAIN SYSTEM - No. 1

Identification			Submersible Pump (0=OK, 1=Replace)	Service Reservoir (Cubic Meter, 0=No)	Daily Operation (hour/day)	Annual Discharge (MCM/Y)	Regular Tube Wells (0=No, 1=Yes)	Abandoned Wells (0=No, 1=Yes)
No.	Township	Name						
1	Ahlone	L 01	0	220	16.0	0.27	1	0
2	Ahlone	L 02	0	330	16.0	0.40	1	0
3	Ahlone	L 03	0	440	16.0	0.53	1	0
4	Ahlone	L 04	0	180	16.0	0.21	1	0
5	Ahlone	L 05	0	330	16.0	0.40	1	0
6	Ahlone	L 06	0	180	16.0	0.21	1	0
7	Ahlone	L 07	0	330	16.0	0.40	1	0
8	Ahlone	L 08	0	400	16.0	0.48	1	0
9	Ahlone	L 09	0	330	16.0	0.40	1	0
10	Ahlone	L 10	0	330	16.0	0.40	1	0
12	Botataung	No. 03	0	0	1.0	0.01	0	1
13	Botataung	No. 04	0	0	14.5	0.15	0	1
14	Dagon	1	0	200	16.0	0.24	1	0
15	Dagon	2	0	290	16.0	0.34	1	0
16	Dagon	3	0	180	16.0	0.21	1	0
17	Dagon	4	0	180	16.0	0.21	1	0
18	Dagon	5	0	0	7.8	0.03	0	1
19	Dagon	6	0	270	16.0	0.19	1	0
20	Dagon	7	0	220	16.0	0.27	1	0
77	Insein	No. 04	0	220	16.0	0.27	1	0
78	Kamayut	No. 01	0	290	16.0	0.34	1	0
79	Kamayut	No. 02	0	180	16.0	0.21	1	0
97	Kyauktada	No. 01	0	200	16.0	0.24	1	0
98	Kyauktada	No. 02	0	160	16.0	0.19	1	0
99	Kyauktada	No. 03	0	400	16.0	0.48	1	0
100	Kyauktada	No. 04	0	330	16.0	0.40	1	0
101	Kyeemyindaing	No. 01	0	150	16.0	0.17	1	0
102	Kyeemyindaing	No. 02	0	140	16.0	0.17	1	0
103	Kyeemyindaing	No. 03	0	290	16.0	0.34	1	0
104	Kyeemyindaing	No. 04	0	240	16.0	0.29	1	0
105	Kyeemyindaing	No. 05	0	180	16.0	0.21	1	0
106	Kyeemyindaing	No. 06	0	280	16.0	0.34	1	0
107	Kyeemyindaing	No. 07	0	310	16.0	0.37	1	0
108	Kyeemyindaing	No. 08	0	360	16.0	0.40	1	0
109	Kyeemyindaing	No. 09	1	110	16.0	0.13	1	0
110	Kyeemyindaing	No. 10	0	180	16.0	0.21	1	0
111	Kyeemyindaing	No. 11	0	180	16.0	0.21	1	0
112	Kyeemyindaing	No. 12	0	440	16.0	0.53	1	0
113	Lanmadaw	No. 01	0	0	16.0	0.40	0	1
114	Lanmadaw	No. 02	0	490	16.0	0.59	1	0

DATA B.6 (1) ALLOCATION OF TUBE WELLS IN MAIN SYSTEM - No. 2

Identification			Submersible Pump (0=OK, 1=Replace)	Service Reservoir (Cubic Meter, 0=No)	Daily Operation (hour/day)	Annual Discharge (MCM/Y)	Regular Tube Wells (0=No, 1=Yes)	Abandoned Wells (0=No, 1=Yes)
No.	Township	Name						
115	Lanmadaw	No. 03	0	180	16.0	0.21	1	0
116	Lanmadaw	No. 04	0	180	16.0	0.21	1	0
117	Lanmadaw	No. 05	0	310	16.0	0.37	1	0
118	Lanmadaw	No. 06	0	180	16.0	0.21	1	0
119	Latha	No. 01	0	330	16.0	0.40	1	0
120	Latha	No. 02	0	220	16.0	0.27	1	0
121	Latha	No. 03	0	270	16.0	0.32	1	0
122	Latha	No. 04	0	220	16.0	0.27	1	0
125	North Okkalapa	No. 3	0	0	4.7	0.02	0	1
128	North Okkalapa	No. 1	1	180	16.0	0.21	1	0
129	North Okkalapa	No. 2	0	0	4.7	0.04	0	1
130	North Okkalapa	No. 6	1	90	16.0	0.11	1	0
134	North Okkalapa	No. 8	0	0	4.0	0.01	0	1
135	North Okkalapa	N/09	0	0	2.9	0.01	0	1
149	Pabedan	No. 01	0	330	16.0	0.40	1	0
150	Pabedan	No. 02	0	220	16.0	0.27	1	0
151	Pabedan	No. 03	0	330	16.0	0.40	1	0
152	Sanchaung	San/01	0	330	16.0	0.40	1	0
153	Sanchaung	San/03	0	150	16.0	0.17	1	0
154	Sanchaung	San/04	0	220	16.0	0.27	1	0
155	Sanchaung	San/05	0	270	16.0	0.32	1	0
156	Sanchaung	San/08	0	330	16.0	0.40	1	0
157	Sanchaung	San/10	0	290	16.0	0.34	1	0
158	Sanchaung	San/11	0	330	16.0	0.40	1	0
159	Sanchaung	San/12	0	270	16.0	0.32	1	0
160	Sanchaung	San/14	0	270	16.0	0.32	1	0
161	Sanchaung	San/15	0	270	16.0	0.32	1	0
162	Sanchaung	San/16	0	150	16.0	0.17	1	0
163	Sanchaung	San/17	0	110	16.0	0.13	1	0
164	Sanchaung	San/22	0	180	16.0	0.21	1	0
165	Sanchaung	San/24	0	110	16.0	0.13	1	0
166	Sanchaung	San/25	0	220	16.0	0.27	1	0
167	Sanchaung	San/26	0	180	16.0	0.21	1	0
178	South Okkalapa	1	0	220	16.0	0.27	1	0
179	South Okkalapa	2	0	0	4.4	0.03	0	1
180	South Okkalapa	3	1	130	16.0	0.16	1	0
182	South Okkalapa	5	1	220	16.0	0.27	1	0
183	South Okkalapa	6	1	160	16.0	0.19	1	0
184	South Okkalapa	7	0	0	2.7	0.00	0	1
185	Thaketa	Tha/01	0	0	11.7	0.06	0	1

DATA B.6 (1) ALLOCATION OF TUBE WELLS IN MAIN SYSTEM - No. 3

Identification			Submersible Pump (0=OK, 1=Replace)	Service Reservoir (Cubic Meter, 0=No)	Daily Operation (hour/day)	Annual Discharge (MCM/Y)	Regular Tube Wells (0=No, 1=Yes)	Abandoned Wells (0=No, 1=Yes)
No.	Township	Name						
186	Thaketa	Tha/02	0	0	9.7	0.05	0	1
187	Thaketa	Tha/03	0	0	17.1	0.09	0	1
188	Thaketa	Tha/04	0	0	10.0	0.03	0	1
189	Thaketa	Tha/05	0	0	8.0	0.03	0	1
190	Thaketa	Tha/06	0	0	16.7	0.28	0	1
191	Thaketa	Tha/07	0	0	8.0	0.03	0	1
192	Thaketa	Tha/09	0	0	10.0	0.03	0	1
193	Thaketa	Tha/12	0	110	16.0	0.13	1	0
194	Thaketa	Tha/13	0	0	8.0	0.03	0	1
195	Thaketa	Tha/14	0	0	8.0	0.03	0	1
196	Thaketa	Tha/15	0	0	16.6	0.08	0	1
197	Thaketa	Tha/16	0	0	16.6	0.08	0	1
198	Thaketa	Tha/20	0	110	16.0	0.13	1	0
199	Thaketa	Tha/21	0	0	11.7	0.06	0	1
200	Thaketa	Tha/22	0	0	8.0	0.03	0	1
201	Thaketa	Tha/23	0	0	4.1	0.01	0	1
202	Thingangyun	1	0	540	16.0	0.66	1	0
203	Thingangyun	2	0	550	16.0	0.66	1	0
204	Thingangyun	3	0	330	16.0	0.40	1	0
205	Thingangyun	4	0	0	9.7	0.05	0	1
208	Thingangyun	7	0	330	16.0	0.40	1	0
209	Thingangyun	8	0	0	8.5	0.04	0	1
212	Thingangyun	11	0	0	19.8	0.09	0	1
215	Thingangyun	14	0	0	5.3	0.02	0	1
Total or Average			**6**	**18,960**	**14.1**	**24.38**	**75**	**29**

DATA B.6 (2) ALLOCATION OF MERGED TUBE WELLS - No. 1

Identification			Service Level		Classification of Tube Wells						
No.	Township	Name	GW L-II/III	GW L-I	Groundwater Quality (0=No Good, 1=OK)	Tube Well Yielding (0=Low, 1=OK)	Tube Well Diameter (0=Small, 1=OK)	Submersible Pump (0=OK, 1=Replace)	Standby Wells (0=No, 1=Yes)	Annual Discharge (MCM/Y, 0=No)	Abandoned Wells (0=No, 1=Yes)
21	Dagon	8	1	0	1	1	1	0	1	0.11	0
22	Dagon	9	1	0	1	1	1	0	1	0.32	0
23	Dagon	10	1	0	1	1	1	0	1	0.40	0
24	Dagon	11	1	0	1	1	1	0	1	0.13	0
25	Dagon Myothit South	18/0A	0	1	0	0	0	0	0	0.00	1
26	Dagon Myothit South	18/0B	0	1	0	0	0	0	0	0.00	1
27	Dagon Myothit South	19/00	0	1	0	1	0	0	0	0.00	1
28	Dagon Myothit South	19/01	0	1	0	0	0	0	0	0.00	1
29	Dagon Myothit South	19/02	0	1	0	0	0	0	0	0.00	1
30	Dagon Myothit South	19/03	0	1	0	0	0	0	0	0.00	1
31	Dagon Myothit South	19/04	0	1	0	1	0	0	0	0.00	1
32	Dagon Myothit South	19/05	0	1	0	1	0	0	0	0.00	1
33	Dagon Myothit South	19/05	0	1	0	1	0	0	0	0.00	1
34	Dagon Myothit South	19/06	0	1	0	0	0	0	0	0.00	1
35	Dagon Myothit South	19/07	0	1	0	0	0	0	0	0.00	1
36	Dagon Myothit South	19/08	0	1	0	0	0	0	0	0.00	1
37	Dagon Myothit South	19/09	0	1	0	0	0	0	0	0.00	1
38	Dagon Myothit South	19/0A	0	1	0	0	0	0	0	0.00	1
39	Dagon Myothit South	19/10	0	1	0	0	0	0	0	0.00	1
40	Dagon Myothit South	20/A	0	1	0	0	0	0	0	0.00	1
41	Dagon Myothit South	20/11	0	1	0	0	0	0	0	0.00	1
42	Dagon Myothit South	20/12	0	1	0	0	0	0	0	0.00	1
43	Dagon Myothit South	20/13	0	1	0	0	0	0	0	0.00	1
44	Dagon Myothit South	20/14	0	1	0	0	0	0	0	0.00	1
45	Dagon Myothit South	20/16	0	1	0	0	0	0	0	0.00	1
46	Dagon Myothit South	20/17	0	1	0	0	0	0	0	0.00	1
47	Dagon Myothit South	20/18	0	1	0	0	0	0	0	0.00	1
48	Dagon Myothit South	24/01	0	1	0	0	0	0	0	0.00	1
49	Dagon Myothit South	24/02	0	1	0	0	0	0	0	0.00	1
50	Dagon Myothit South	24/03	0	1	0	0	0	0	0	0.00	1
51	Dagon Myothit South	24/04	0	1	0	0	0	0	0	0.00	1
52	Dagon Myothit South	24/05	0	1	0	0	0	0	0	0.00	1
53	Dagon Myothit South	24/06	0	1	0	0	0	0	0	0.00	1
54	Dagon Myothit South	24/07	0	1	0	0	0	0	0	0.00	1
55	Dagon Myothit South	24/08	0	1	0	0	0	0	0	0.00	1
56	Dagon Myothit South	24/09	0	1	0	0	0	0	0	0.00	1
60	Dawbon	Daw/1	0	1	1	1	1	1	1	0.11	0
61	Dawbon	Daw/2	0	1	0	0	0	0	0	0.00	1

DATA B.6 (2) ALLOCATION OF MERGED TUBE WELLS - No. 2

Identification			Service Level		Classification of Tube Wells						
No.	Township	Name	GW L-II/III	GW L-I	Groundwater Quality (0=No Good, 1=OK)	Tube Well Yielding (0=Low, 1=OK)	Tube Well Diameter (0=Small, 1=OK)	Submersible Pump (0=OK, 1=Replace)	Standby Wells (0=No, 1=Yes)	Annual Discharge (MCM/Y, 0=No)	Abandoned Wells (0=No, 1=Yes)
62	Dawbon	Daw/3	0	1	0	1	1	0	0	0.00	1
63	Dawbon	Daw/4	0	1	0	1	0	0	0	0.00	1
64	Dawbon	Daw/6	0	1	0	1	1	0	0	0.00	1
65	Dawbon	Daw/7	0	1	1	0	1	0	0	0.00	1
66	Dawbon	Daw/8	0	1	1	0	0	0	0	0.00	1
74	Insein	No. 01	1	0	0	1	1	0	0	0.00	1
75	Insein	No. 02	1	0	0	1	0	0	0	0.00	1
76	Insein	No. 03	1	0	1	1	1	1	1	0.11	0
80	Kamayut	No. 03	1	0	1	1	1	0	1	0.17	0
81	Kamayut	No. 04	1	0	1	1	1	0	1	0.32	0
82	Kamayut	No. 05	1	0	1	0	1	0	0	0.00	1
83	Kamayut	No. 06	1	0	1	1	1	0	1	0.13	0
84	Kamayut	No. 07	1	0	1	0	1	0	0	0.00	1
85	Kamayut	No. 08	1	0	1	0	1	0	0	0.00	1
86	Kamayut	No. 09	1	0	1	0	1	0	0	0.00	1
87	Kamayut	No. 10	1	0	1	0	1	0	0	0.00	1
88	Kamayut	No. 11	1	0	1	0	1	0	0	0.00	1
89	Kamayut	No. 12	1	0	1	0	1	0	0	0.00	1
90	Kamayut	No. 13	1	0	1	0	1	0	0	0.00	1
91	Kamayut	No. 14	1	0	1	0	1	0	0	0.00	1
92	Kamayut	No. 15	1	0	1	0	1	0	0	0.00	1
93	Kamayut	No. 16	1	0	1	0	1	0	0	0.00	1
94	Kamayut	No. 17	1	0	1	0	1	0	0	0.00	1
95	Kamayut	No. 18	1	0	1	0	1	0	0	0.00	1
96	Kamayut	No. 19	1	0	1	0	1	0	0	0.00	1
123	Mingalartaungnyunt	No. 01	1	0	0	1	1	0	0	0.00	1
126	North Okkalapa	No. 4	0	1	0	0	1	0	0	0.00	1
127	North Okkalapa	No. 5	0	1	0	0	1	0	0	0.00	1
131	North Okkalapa	No. 7	0	1	1	1	0	0	0	0.00	1
132	North Okkalapa	No. 6	0	1	1	0	0	0	0	0.00	1
133	North Okkalapa	No. 4	0	1	1	1	0	0	0	0.00	1
136	North Okkalapa	N/12	0	1	1	0	0	0	0	0.00	1
137	North Okkalapa	Wai/01	0	1	1	0	0	0	0	0.00	1
138	North Okkalapa	Wai/02	0	1	1	0	0	0	0	0.00	1
139	North Okkalapa	Wai/03	0	1	1	0	0	0	0	0.00	1
140	North Okkalapa	Wai/04	0	1	1	0	0	0	0	0.00	1
141	North Okkalapa	Wai/05	0	1	1	0	0	0	0	0.00	1
142	North Okkalapa	Wai/06	0	1	1	0	0	0	0	0.00	1

DATA B.6 (2) ALLOCATION OF MERGED TUBE WELLS - No. 3

Identification			Service Level		Classification of Tube Wells						
No.	Township	Name	GW L-II/III	GW L-I	Groundwater Quality (0=No Good, 1=OK)	Tube Well Yielding (0=Low, 1=OK)	Tube Well Diameter (0=Small, 1=OK)	Submersible Pump (0=OK, 1=Replace)	Standby Wells (0=No, 1=Yes)	Annual Discharge (MCM/Y, 0=No)	Abandoned Wells (0=No, 1=Yes)
143	North Okkalapa	Wai/07	0	1	1	0	0	0	0	0.00	1
144	North Okkalapa	Wai/08	0	1	1	0	0	0	0	0.00	1
145	North Okkalapa	Wai/09	0	1	1	0	1	0	0	0.00	1
146	North Okkalapa	Wai/15	0	1	1	0	0	0	0	0.00	1
147	North Okkalapa	Wai/17	0	1	1	0	0	0	0	0.00	1
148	North Okkalapa	Wai/19	0	1	1	0	0	0	0	0.00	1
169	Seikan Port	No. 01	1	0	0	1	1	0	0	0.00	1
170	Shwepyitha	7/06	0	1	0	0	0	0	0	0.00	1
171	Shwepyitha	7/16	0	1	0	0	0	0	0	0.00	1
172	Shwepyitha	7/17	0	1	0	0	0	0	0	0.00	1
173	Shwepyitha	7/19	0	1	0	0	0	0	0	0.00	1
174	Shwepyitha	7/31	0	1	1	0	0	0	0	0.00	1
175	Shwepyitha	7/40	0	1	0	0	0	0	0	0.00	1
176	Shwepyitha	7/46	0	1	1	0	0	0	0	0.00	1
177	Shwepyitha	7/48	0	1	0	0	1	0	0	0.00	1
181	South Okkalapa	4	1	0	1	1	1	1	1	0.13	0
206	Thingangyun	5	1	0	1	0	1	0	0	0.00	1
207	Thingangyun	6	0	1	1	0	1	0	0	0.00	1
210	Thingangyun	9	0	1	1	0	1	0	0	0.00	1
211	Thingangyun	10	1	0	1	0	1	0	0	0.00	1
213	Thingangyun	12	1	0	1	0	1	0	0	0.00	1
214	Thingangyun	13	1	0	1	0	1	0	0	0.00	1
216	Thingangyun	15	1	0	0	0	1	0	0	0.00	1
217	Thingangyun	16	1	0	1	0	0	0	0	0.00	1
Total			**33**	**67**	**51**	**23**	**41**	**3**	**10**	**1.92**	**90**

TABLE B.6 (3) FORECASTING OF TUBE WELL REHABILITATION

Identification			Present Well Number	Present Production	After Rehabilitation (Before Year 2005)	After Settlement	Settlement Timing to regulate Tube Well Facilities: Ngamoeyeik		Hlaing WTP (50%		Hlaing + Hlawga	Final Well Number
				100.0%	MCM/Y		85.9%		73.7%	63.3%	54.4%	
No.	Township	System	well	2000	2000	2000	2005	2006	2010	2015	2020	well
1	Ahlone	Main	10	2.19	3.70	3.70	3.18	3.08	2.73	2.34	2.01	10
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
3	Botataung	Main	2	0.15	0.15	0.00	0.13	0.13	0.11	0.00	0.00	0
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
4	Dagon	Main	7	0.83	1.50	1.46	1.28	1.25	1.10	0.93	0.80	6
		GW	4	0.60	0.60	0.00	0.51	0.50	0.00	0.00	0.00	0
8	Dagon Myothit South	Main	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		GW	32	0.34	0.34	0.00	0.29	0.28	0.25	0.00	0.00	0
10	Dawbon	Main	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		GW	7	0.17	0.17	0.00	0.15	0.15	0.13	0.00	0.00	0
13	Insein	Main	1	0.08	0.27	0.27	0.23	0.22	0.20	0.17	0.14	1
		GW	3	0.12	0.12	0.00	0.10	0.10	0.09	0.00	0.00	0
14	Kamayut	Main	2	0.34	0.56	0.56	0.48	0.46	0.41	0.35	0.30	2
		GW	17	0.55	0.55	0.00	0.47	0.46	0.41	0.00	0.00	0
15	Kyauktada	Main	4	0.82	1.30	1.30	1.12	1.08	0.96	0.82	0.71	4
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
16	Kyeemyindaing	Main	12	1.08	3.40	3.40	2.92	2.83	2.50	2.15	1.85	12
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
17	Lanmadaw	Main	6	1.47	2.00	1.60	1.72	1.66	1.47	1.01	0.87	5
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
18	Latha	Main	4	0.05	1.25	1.25	1.07	1.04	0.92	0.79	0.68	4
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
21	Mingalartaungnyunt	Main	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		GW	1	0.12	0.12	0.00	0.10	0.10	0.09	0.00	0.00	0
22	North Okkalapa	Main	6	0.15	0.41	0.32	0.35	0.34	0.30	0.20	0.17	2
		GW	18	0.33	0.33	0.00	0.29	0.28	0.25	0.00	0.00	0
23	Pabedan	Main	3	0.93	1.07	1.07	0.91	0.89	0.79	0.67	0.58	3
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
25	Sanchaung	Main	16	1.11	4.39	4.39	3.77	3.65	3.24	2.78	2.39	16
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
26	Seikan Port	Main	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		GW	1	0.50	0.50	0.00	0.43	0.42	0.37	0.00	0.00	0
28	Shwepyitha	Main	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
		GW	8	0.09	0.09	0.00	0.08	0.07	0.06	0.00	0.00	0
29	South Okkalapa	Main	6	0.14	0.91	0.88	0.78	0.76	0.67	0.55	0.48	4
		GW	1	0.03	0.03	0.00	0.02	0.02	0.02	0.00	0.00	0
31	Thaketa	Main	17	1.14	1.17	0.27	1.01	0.98	0.86	0.17	0.14	2
		GW	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
32	Thingangyun	Main	8	1.59	2.32	2.12	1.99	1.93	1.71	1.34	1.15	4
		GW	8	0.28	0.28	0.00	0.24	0.23	0.21	0.00	0.00	0
Total		**Main**	**104**	**12.07**	**24.38**	**22.56**	**20.93**	**20.31**	**17.98**	**14.29**	**12.27**	**75**
		GW	100	3.13	3.13	0.00	2.69	2.60	1.86	0.00	0.00	0

DATA B.7 (1) LIST OF EC VALUES AT YCDC TUBE WELLS

No.	Township	ID	EC	Well Depth	Remarks
1	Ahlone	L 01	216	116	-
2	Ahlone	L 02	162	55	-
3	Ahlone	L 03	160	49	-
4	Ahlone	L 04	128	116	-
5	Ahlone	L 05	117	43	-
6	Ahlone	L 06	196	53	-
7	Ahlone	L 07	119	50	-
8	Ahlone	L 08	314	43	-
9	Ahlone	L 09	134	43	-
10	Ahlone	L 10	213	43	-
11	Botataung	No. 02	-	44	Well is Damaged
12	Botataung	No. 03	478	42	-
13	Botataung	No. 04	2,250	37	-
14	Dagon	1	86	40	-
15	Dagon	2	234	43	-
16	Dagon	3	79	37	-
17	Dagon	4	-	38	No Power
18	Dagon	5	203	38	-
19	Dagon	6	-	43	No Power
20	Dagon	7	148	35	-
21	Dagon	8	-	30	No Power
22	Dagon	9	248	44	-
23	Dagon	10	-	43	Well is Damaged
24	Dagon	11	-	39	No Power
25	Dagon Myothit South	18/0A	532	67	Tank Water
26	Dagon Myothit South	18/0B	1,400	79	-
27	Dagon Myothit South	19/00	-	119	Well was Abandoned
28	Dagon Myothit South	19/01	4,500	70	-
29	Dagon Myothit South	19/02	5,450	69	-
30	Dagon Myothit South	19/03	4,000	39	Tap Water
31	Dagon Myothit South	19/04	13,170	98	-
32	Dagon Myothit South	19/05	10,300	116	-
33	Dagon Myothit South	19/05	2,350	85	-
34	Dagon Myothit South	19/06	3,200	62	-
35	Dagon Myothit South	19/07	9,500	75	-
36	Dagon Myothit South	19/08	4,400	58	-
37	Dagon Myothit South	19/09	20,000	62	Tank Water
38	Dagon Myothit South	19/0A	1,467	77	-
39	Dagon Myothit South	19/10	2,300	69	-
40	Dagon Myothit South	20/A	2,000	93	-
41	Dagon Myothit South	20/11	4,600	65	-
42	Dagon Myothit South	20/12	441	77	-
43	Dagon Myothit South	20/13	2,600	80	Tank Water
44	Dagon Myothit South	20/14	1,984	81	-

DATA B.7 (1) LIST OF EC VALUES AT YCDC TUBE WELLS

No.	Township	ID	EC	Well Depth	Remarks
45	Dagon Myothit South	20/16	5,400	62	-
46	Dagon Myothit South	20/17	4,300	72	-
47	Dagon Myothit South	20/18	2,300	63	-
48	Dagon Myothit South	24/01	402	78	-
49	Dagon Myothit South	24/02	817	77	-
50	Dagon Myothit South	24/03	357	62	-
51	Dagon Myothit South	24/04	4,500	87	-
52	Dagon Myothit South	24/05	4,260	92	-
53	Dagon Myothit South	24/06	2,700	77	-
54	Dagon Myothit South	24/07	2,800	66	-
55	Dagon Myothit South	24/08	4	86	-
56	Dagon Myothit South	24/09	5,200	70	Tank Water
57	Dala	No.1	1,459	37	-
58	Dala	No.2	1,580	37	-
59	Dala	No.3	1,669	37	-
60	Dawbon	Daw/1	-	146	Well is Damaged
61	Dawbon	Daw/2	653	94	-
62	Dawbon	Daw/3	1,973	69	-
63	Dawbon	Daw/4	1,782	119	-
64	Dawbon	Daw/6	-	122	No Power
65	Dawbon	Daw/7	204	116	-
66	Dawbon	Daw/8	580	76	-
67	Hlaingthaya	08/02	1,228	52	-
68	Hlaingthaya	09/07	1,440	61	-
69	Hlaingthaya	11/04	1,386	69	-
70	Hlaingthaya	13/03	1,122	64	-
71	Hlaingthaya	13/05	1,209	66	-
72	Hlaingthaya	14/01	1,195	55	-
73	Hlaingthaya	16/06	1,360	59	-
74	Insein	No. 01	606	64	-
75	Insein	No. 02	219	43	-
76	Insein	No. 03	219	43	-
77	Insein	No. 04	343	30	-
78	Kamayut	No. 01	-	49	No Power
79	Kamayut	No. 02	249	40	-
80	Kamayut	No. 03	199	55	-
81	Kamayut	No. 04	96	43	-
82	Kamayut	No. 05	193	43	-
83	Kamayut	No. 06	104	40	-
84	Kamayut	No. 07	167	46	-
85	Kamayut	No. 08	-	46	Well is Damaged
86	Kamayut	No. 09	-	37	Well is Damaged
87	Kamayut	No. 10	73	40	-
88	Kamayut	No. 11	110	40	-

DATA B.7 (1) LIST OF EC VALUES AT YCDC TUBE WELLS

No.	Township	ID	EC	Well Depth	Remarks
89	Kamayut	No. 12	211	40	-
90	Kamayut	No. 13	356	40	-
91	Kamayut	No. 14	162	40	-
92	Kamayut	No. 15	465	40	-
93	Kamayut	No. 16	228	40	-
94	Kamayut	No. 17	320	40	-
95	Kamayut	No. 18	275	40	-
96	Kamayut	No. 19	104	43	-
97	Kyauktada	No. 01	354	29	-
98	Kyauktada	No. 02	-	44	Well is Damaged
99	Kyauktada	No. 03	-	43	Stand-by Well
100	Kyauktada	No. 04	118	37	-
101	Kyeemyindaing	No. 01	212	46	-
102	Kyeemyindaing	No. 02	-	40	Pump is under Repair
103	Kyeemyindaing	No. 03	279	43	-
104	Kyeemyindaing	No. 04	299	37	-
105	Kyeemyindaing	No. 05	205	47	-
106	Kyeemyindaing	No. 06	392	43	-
107	Kyeemyindaing	No. 07	386	46	-
108	Kyeemyindaing	No. 08	205	44	-
109	Kyeemyindaing	No. 09	101	43	-
110	Kyeemyindaing	No. 10	396	49	-
111	Kyeemyindaing	No. 11	341	43	-
112	Kyeemyindaing	No. 12	-	43	Well was Abandoned
113	Lanmadaw	No. 01	437	30	-
114	Lanmadaw	No. 02	148	38	-
115	Lanmadaw	No. 03	-	110	Well is Damaged
116	Lanmadaw	No. 04	-	116	Well is Damaged
117	Lanmadaw	No. 05	176	43	-
118	Lanmadaw	No. 06	202	35	-
119	Latha	No. 01	159	35	-
120	Latha	No. 02	246	32	-
121	Latha	No. 03	155	43	-
122	Latha	No. 04	157	37	-
123	Mingalartaungnyunt	No. 01	567	43	-
124	Mingalartaungnyunt	No. 02	828	41	-
125	North Okkalapa	No. 3	-	43	No Power
126	North Okkalapa	No. 4	1,496	91	-
127	North Okkalapa	No. 5	2,770	146	-
128	North Okkalapa	No. 1	-	113	Well was Abandoned
129	North Okkalapa	No. 2	1,065	116	-
130	North Okkalapa	No. 6	1,060	43	-
131	North Okkalapa	No. 7	480	110	-
132	North Okkalapa	No. 6	-	110	Pump is under Repair

DATA B.7 (1) LIST OF EC VALUES AT YCDC TUBE WELLS

No.	Township	ID	EC	Well Depth	Remarks
133	North Okkalapa	No. 4	853	119	-
134	North Okkalapa	No. 8	4,200	125	-
135	North Okkalapa	N/09	164	146	-
136	North Okkalapa	N/12	290	116	-
137	North Okkalapa	Wai/01	-	65	No Access
138	North Okkalapa	Wai/02	129	56	-
139	North Okkalapa	Wai/03	46	55	-
140	North Okkalapa	Wai/04	419	55	-
141	North Okkalapa	Wai/05	479	55	-
142	North Okkalapa	Wai/06	1,770	55	-
143	North Okkalapa	Wai/07	477	55	-
144	North Okkalapa	Wai/08	885	110	-
145	North Okkalapa	Wai/09	-	55	No Access
146	North Okkalapa	Wai/15	-	35	No Power
147	North Okkalapa	Wai/17	1,274	91	-
148	North Okkalapa	Wai/19	524	62	-
149	Pabedan	No. 01	273	37	-
150	Pabedan	No. 02	218	37	-
151	Pabedan	No. 03	141	35	-
152	Sanchaung	San/01	168	34	-
153	Sanchaung	San/03	92	30	-
154	Sanchaung	San/04	96	37	-
155	Sanchaung	San/05	119	32	-
156	Sanchaung	San/08	204	30	-
157	Sanchaung	San/10	452	40	-
158	Sanchaung	San/11	456	43	-
159	Sanchaung	San/12	332	37	-
160	Sanchaung	San/14	262	43	Tap Water
161	Sanchaung	San/15	179	37	-
162	Sanchaung	San/16	-	27	Well is Damaged
163	Sanchaung	San/17	-	30	Pump is Mulfunctioning
164	Sanchaung	San/22	175	38	Tap Water
165	Sanchaung	San/24	302	43	-
166	Sanchaung	San/25	-	29	Well is Damaged
167	Sanchaung	San/26	161	40	-
168	Sanchaung	San/27	86	35	-
169	Seikan Port	No. 01	536	29	Tank Water
170	Shwepyitha	7/06	467	46	-
171	Shwepyitha	7/16	374	50	-
172	Shwepyitha	7/17	816	46	-
173	Shwepyitha	7/19	432	46	-
174	Shwepyitha	7/31	-	46	No Power
175	Shwepyitha	7/40	443	46	-
176	Shwepyitha	7/46	-	49	No Access

DATA B.7 (1) LIST OF EC VALUES AT YCDC TUBE WELLS

No.	Township	ID	EC	Well Depth	Remarks
177	Shwepyitha	7/48	-	116	Well is Damaged
178	South Okkalapa	1	-	119	Pump is under Repair
179	South Okkalapa	2	270	66	Tank Water
180	South Okkalapa	3	-	85	Well is Damaged
181	South Okkalapa	4	-	55	Well is Damaged
182	South Okkalapa	5	180	78	Tank Water
183	South Okkalapa	6	242	86	Tank Water
184	South Okkalapa	7	-	98	No Power
185	Thaketa	Tha/01	-	110	Well is Damaged
186	Thaketa	Tha/02	263	110	-
187	Thaketa	Tha/03	300	110	-
188	Thaketa	Tha/04	-	85	Pump is under Repair
189	Thaketa	Tha/05	-	119	Pump is under Repair
190	Thaketa	Tha/06	454	73	-
191	Thaketa	Tha/07	359	104	-
192	Thaketa	Tha/09	-	34	No Power
193	Thaketa	Tha/12	1,543	24	-
194	Thaketa	Tha/13	844	61	Tap Water
195	Thaketa	Tha/14	967	26	Tank Water
196	Thaketa	Tha/15	1,360	27	-
197	Thaketa	Tha/16	2,180	26	-
198	Thaketa	Tha/20	611	37	-
199	Thaketa	Tha/21	-	79	Pump is under Repair
200	Thaketa	Tha/22	-	24	Pump is under Repair
201	Thaketa	Tha/23	-	104	Pump is Mulfunctioning
202	Thingangyun	1	339	98	-
203	Thingangyun	2	386	99	-
204	Thingangyun	3	795	85	-
205	Thingangyun	4	398	67	-
206	Thingangyun	5	-	53	No Power
207	Thingangyun	6	-	98	No Power
208	Thingangyun	7	612	145	-
209	Thingangyun	8	-	69	Pump is Mulfunctioning
210	Thingangyun	9	-	69	No Power
211	Thingangyun	10	-	49	No Power
212	Thingangyun	11	-	53	Pump is Mulfunctioning
213	Thingangyun	12	346	55	-
214	Thingangyun	13	-	55	Pump is Mulfunctioning
215	Thingangyun	14	-	85	Pump is under Repair
216	Thingangyun	15	629	145	-
217	Thingangyun	16	-	146	No Power

DATA B.7 (2) DISTRIBUTION TREND OF EC VALUES AT YCDC TUBE WELLS

Township	No.	Classification of EC Values (micro mho) at YCDC Tube Wells												
		Not Available		under <=500			500< to <=1,000			1,000< to <=2,000			2,000< over		
		No.	Ave. Dep	No.	Ave. EC	Ave. Dep	No.	Ave. EC	Ave. Dep	No.	Ave. EC	Ave. Dep	No.	Ave. EC	Ave. Dep
Ahlone	10	0		10	176	61	0			0			0		
Botataung	3	1	44	1	478	42	0			0			1	2,250	37
Dagon	11	5	39	6	166	40	0			0			0		
Dagon Myothit South	32	1	119	4	301	76	2	675	72	3	1,617	79	22	5,447	74
Dala	3	0		0			0			3	1,569	37	0		
Dawbon	7	2	134	1	204	116	2	617	85	2	1,878	94	0		
Hlaingthaya	7	0		0			0			7	1,277	61	0		
Insein	4	0		3	260	39	1	606	64	0			0		
Kamayut	19	3	44	16	207	42	0			0			0		
Kyauktada	4	2	44	2	236	33	0			0			0		
Kyeemyindaing	12	2	42	10	282	44	0			0			0		
Lanmadaw	6	2	113	4	241	37	0			0			0		
Latha	4	0		4	179	37	0			0			0		
Mingalartaungnyunt	2	0		0			2	698	42	0			0		
North Okkalapa	24	6	70	8	311	81	3	754	97	5	1,333	79	2	3,485	136
Pabedan	3	0		3	211	36	0			0			0		
Sanchaung	17	3	29	14	220	45	0			0			0		
Seikan Port	1	0		0			1	536	29	0			0		
Shwepyitha	8	3	70	4	429	47	1	816	46	0			0		
South Okkalapa	7	4	89	3	231	77	0			0			0		
Thaketa	17	7	79	4	344	99	3	807	41	2	1,452	26	1	2,180	26
Thingangyun	16	9	75	4	367	80	3	679	125	0			0		
City Total	217	50	69	101	249	53	18	703	74	22	1,446	64	26	5,047	76

Source: EC measurement was conducted in September 2001 by the YCDC.