

The Study on Groundwater Development in Central Cambodia
Final Report

Main Report

LOCATION MAP

EXCHANGE RATE AND LIST OF ABBREVIATION

EXECUTIVE SUMMARY

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Table Results of the 1st Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R008M	Memot	Dar	Dar Lech	23.Feb.01	1303915	619233	55	Dug Well	5.8	4.3	26.7	4.80	6.9	241	0.2	0	5	0.1>	0	+	+	SWLF 2.7m
R009M	Memot	Dar	Dar Phsar	22.Feb.01	1303272	618270	53	Borehole	38.0	11.0	29.0	5.31	1.8	328	0.2	0	1>	0.1	0	-	-	
R011M	Memot	Dar	Prampir Meakkakra	22.Feb.01	1302546	612983	50	Dug Well	5.1	3.7	27.7	6.60	16.4	261	0.2	0.5	3	0.1	0	+	+	SWLF 5m
R015M	Memot	Dar	Meaek Puk	23.Feb.01	1310728	614582	88	Dug Well	7.1	5.0	27.3	6.04	54.1	243	0.2	0.5	44	0.1	0	+	+	SWLF 2.9m
R016M	Memot	Dar	Srae Chroam	16.Jan.01	1308297	610869	57	Dug Well	3.2	1.6	27.1	5.93	44.3	284	0.2	0.7	20		0.01	-	-	
R017M	Memot	Dar	Chhngar Cheung	22.Feb.01	1308487	621724	57	Dug Well	6.9	6.4	27.2	5.15	2.4	264	0.2	0	1	0.1>	0	+	+	SWLF 1m
R019M	Memot	Dar	Samrong Chheung	23.Feb.01	1305165	622378	70	Dug Well	6.2	3.7	26.6	4.57	11.1	304	0.2	0.5	20	0.1>	0	+	+	SWLF 2.8m
R021M	Memot	Dar	Beng	26.Jan.01	1303331	616376	70	Dug Well	6.0	1.4	26.9	4.65	3.9	221	0.2	0.7	1>	0.1>	0			SWLF 0.5m
R033M	Memot	Rung	Soutey	18.Jan.01	1299804	626944	53	Dug Well	6.0	2.1	26.6	4.49	3.7	333	0.2>	0.5	1	0.1	0	+	+	
R046M	Memot	Tonlung	Kdol Pular	23.Feb.01	1315592	645953	60	Borehole	26.0		27.0	7.08	73.4	87	1	0.5	1>	0.1	0	+	+	
R046M	Memot	Tonlung	Kdol Pular	23.Feb.01	1315592	645953	60	Dug Well	3.0	1.3	26.7	5.70	4.9	243	0.5	0	1>	0.1	0	+	+	
R055M	Memot	Ton Lung	Sla Phnum	23.Feb.01	1311401	642783	152	Dug Well	27.5	21.6	28.0	5.04	1.6	311	0.2	0	1>	0.1	0	+	+	SWLF 5.4m
R060M	Memot	Rumchek	Kantuot	22.Feb.01	1331792	612336	30	Dug Well	6.1	4.5	26.4	4.80	4.6	355	0.2	0.5	5	0.1	0	+	+	SWLF 1.3m
R065M	Memot	Rumchek	Rumchek	22.Feb.01	1340914	611560	23	Dug Well	5.9	4.5	26.9	4.95	7.4	352	0.2	1	5	0.1	0	+	+	SWLF 4.0m
R071M	Memot	Memot	Tboung Voat	22.Feb.01	1308021	628890	75	Dug Well	7.8	5.5	27.1	5.04	24.8	246	0.2>	0.7	22	0.1>	0	+	+	SWLF 1m
R078M	Memot	Memot	Sangkorn Mean Chey Chas	22.Feb.01	1307556	626346	66	Dug Well	3.6	1.7	27.0	4.89	7.5	185	0.2>	0	5	0.1>	0	+	+	SWLF 3.8m
R086M	Memot	Tramung	Choam Triek	22.Feb.01	1306826	629919	70	Borehole	39.0	6.0	28.5	4.69	3.1	238	0.2>	0	2	0.1>	0	+	+	
R086M	Memot	Tramung	Choam Triek	22.Feb.01	1306826	629919	70	Dug Well	16.5	14.6	27.5	5.40	1.6	220	0.3	0	1	0.1>	0	+	+	SWLF 2.8m
R092M	Memot	Tramung	Chhuk	23.Feb.01	1308645	632132	82	Dug Well	6.2	4.4	27.5	4.86	4.2	328	0.2	0	3	0.1	0	+	+	SWLF 2.2m
R093M	Memot	Tramoung	Ngeu Thom	26.Dec.00	1310002	630806	60	Dug Well	7.0	3.0	27.1	4.93	6.3	335	0.2	0	5		0	+	+	
R101M	Memot	Kampoan	Lour	22.Feb.01	1321585	615401	92	Dug Well	4.0	2.1	26.3	5.90	5.9	254	0.2	0	1	0.1	0	+	+	SWLF 1.1m
R102M	Memot	Kampoan	Kampoan	17.Jan.01	1318837	619763	95	Borehole	24.0		27.8	4.38	2.2	343	0.2	0.7	1>		0	-	-	
R102M	Memot	Kampoan	Kampoan	17.Jan.01	1318837	619763	95	Dug Well	5.0	1.7	27.2	4.30	13.7	364	0.2>	0.5	10		0	-	-	
R106M	Memot	Kampoan	Tuek Tum	17.Jan.01	1324597	620921	75	Dug Well	25.0	18.4	28.0	4.10	2.4	331	0.2	0.5	1		0	+	+	
R115M	Memot	Kokir	Kngaok	22.Feb.01	1315838	617645	115	Dug Well	5.8	4.0	27.2	5.07	8.5	273	0.2>	0	5	0.1	0	+	+	SWLF 2.9m
R117M	Memot	Kokir	Salang Ti Bei	22.Feb.01	1313631	618477	183	Dug Well	12.0	4.1	26.8	5.07	15.0	317	0.2	0	8	0.1	0	+	+	SWLF 7m
R124M	Memot	Choam Ta Mau	Sampov Lun	22.Feb.01	1317153	633421	32	Dug Well	4.5	3.2	26.5	5.1	3.6	244	0.2	0	5	0.1>	0	+	+	SWIF 3.5m
R126M	Memot	Choam Ta Mau	Kantuot	25.Jan.01	1311618	635820	79	Dug Well	13.0	7.2	28.2	4.15	13.5	348	0.2	0	20	0.1>	0	-	-	SWLF 1m
R127M	Memot	Choam Ta Mau	Angkam	24.Jan.01	1315359	632464	40	Dug Well	7.0	4.2	26.8	4.12	5.2	328	0.2	0.5	1>	0.1>	0	+	+	
R141M	Memot	Chhum Kravean	Khchheasy	26.Dec.00	1307469	639282	220	Borehole	47.0	15.0	26.9	5.3	4.0	360	0.2>	0	1		0	+	+	
R171M	Ponhea Kraek	Popel	Khsak	23.Feb.0	1307703	592074	27	Dug Well	4.8	2.4	26.7	4.83	17.5	273	0.2	0.5	5	0.1>	0	+	+	SWLF 2.7m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	21.Feb.0	1300424	578599	16	Dug Well	5.8	3.5	27.0	5.31	24.7	235	0.2	0	5	0.1	0	+	+	SWLF 5.0m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	21.Feb.0	1300424	578599	16	Borehole	12.0		28.3	5.33	8.2	147	5	0	1>		0	+	-	
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	21.Feb.0	1307317	586790	18	Dug Well	26.0	1.5	26.8	7.27	56.2	115	0.2>	1	1>	0.1>	0	+	+	SWLF 3.8m
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	21.Feb.0	1307317	586790	18	Borehole	34.0	3.0	28.6	6.8	26.2	-5	2	0.5	1>		0	+	-	
R207M	Kaoh Sothin	Pongro	Pak Nam	16.Feb.01	1313501	546389	9	Dug Well	8.3	4.6	26.9	7.04	78.6	198	0.2	0.5	2	0.1>	0	+	+	SWLF 5.8m
R207M	Kaoh Sothin	Pongro	Pak Nam	16.Feb.01	1313501	546389	9	Borehole	24.0	7.0	28.4	7.11	42.9	-11	10	1	1>		0.2	+	-	

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Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R210M	Kaoh Sothin	Moha Leaph	Damnakh Pring Lech	16.Feb.01	1309183	545416	9	Borehole	40.0		27.8	6.98	63.1	124	1	0.5	1>	0.1	0	+	+	
R210M	Kaoh Sothin	Moha Leaph	Damnakh Pring Lech	16.Feb.01	1309183	545416	9	Dug Well	4.5	3.2	26.0	6.93	200.0	149	0.2	1	20	0.1	0	+	+	SWLF 3.5m
R214M	Steung Trang	Preak Kak	Toul pou	15.Feb.0	1358213	554231	17	Dug Well	3.6	2.2	26.4	6.22	24.6	212	0.5	0.5	5	0.1				
R214M	Steung Trang	Preak Kak	Toul pou	15.Feb.0	1358213	554231	17	Borehole	22.0	2.0	28.7	6.4	19.2	204								
R227M	Dambae	Chong Cheach	Cheach Cheung	21.Feb.01	1317244	593744	31	Dug Well	4.0	3.1	26.9	5.54	15.8	307	0.2	0	5	0.1	0	+	+	SWLF 2.3m
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	13.Jan.01	1356873	569955	17	Dug Well	11.0	2.5	27.2	6.66	134.0	258	0.5	1	5		0			
R256M	Krouch Chhmar	Kampong Treas	Phum Pram	13.Jan.01	1339128	559639	15	Dug Well	8.0	3.6		6.18	116.0	279	0.2	1	2		0			
R264M	Tboung Khmum	Kor	Veal Khmum	20.Feb.0	1325384	577393	25	Dug Well	7.7	5.4	27.5	5.44	7.2	237	0.2	0	1	0.1	0	+	+	
R269M	Tboung Khmum	Mong Rieng	Mong Ti Prampi	16.Feb.0	1315961	568067	18	Borehole	19.0		29.6	6.17	11.9	261	0.2	0.5	1>	0.1>	0	+	+	
R269M	Tboung Khmum	Mong Rieng	Mong Ti Prampi	16.Feb.0	1315961	568067	18	Dug Well	4.0	0.9	27.7	6.57	14.1	249	0.2	0	1	0.1	0	+	+	SWLF 0.7m
R272M	Tboung Khmum	Orgun Chaem	Trapaing Chrek	27.Dec.0	1311779	578599	17	Dug Well	5.0	2.3	26.7	6.18	124.0	269	0.2>	1	10		0	+	+	
R273M	Tboung Khmum	Anhchaeum	Chheu Teak Chrum	23.Feb.0	1310517	579124	17	Dug Well	4.2	2.3	26.9	5.67	29.6	146	0.5	0	1>	0.1	0	+	+	
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	21.Feb.0	1314267	575797	18	Borehole	16.0	6.0	28.4	6.6	20.7	100	0.2>	1	1	0.1>	0	+	-	
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	21.Feb.0	1314267	575797	18	Dug Well	6.8	5.0	27.6	6.8	92.7	158	0.2>	1	20	0.1	0	+	+	SWLF 5.5m
R294M	Tboung Khmum	Thma Pech	Chambak	20.Feb.0	1331094	571984	20	combined	25.6	0.4	28.3	6.33	17.4	229	0.2>	0.5	1>	0.1>	0	+	+	SWLF 0.9m
R297M	Tboung Khmum	Roka Po Pram	Trapeang Khla	20.Feb.0	1334833	575326	40	Dug Well	14.2	5.0	27.7	5.51	56.8	303	0.2	0.3	35	0.1	0	+	+	SWLF 2m
R299M	Tboung Khmum	Roka Po Pram	Pong Tuek	20.Feb.0	1336670	575695	46	Dug Well	5.4	3.6	27.3	6.07	14.5	233	0.2>	0.5	5	0.1>	0	+	+	SWLF 1.2m
R300M(A)	Tboung Khmum	Tonle Bet	Prech Tock	18.Jan.01	1325631	551772	12	Borehole	35.0		28.2	6.71	39.6	-99	10<	1.5	1		0.5	-	-	
R301M	Tboung Khmum	Tonle Bet	Tonle Bet Kraom	16.Feb.0	1322963	551892	13	combined	50<	10.3	29.2	6.75	43.8	114	1.5		1		0			
R303M	Tboung Khmum	Chirou Pir	Mream Teak	16.Feb.0	1318283	561910	21	Borehole	32.0	10.0	28.7	5.8	11.3	287	0.2>	0.5	1>	0.1>	0	+	+	
R303M	Tboung Khmum	Chirou Pir	Mream Teak	16.Feb.0	1318283	561910	21	Dug Well	5.2	5.1	24.7	7.53	69.5	229	0.2	0.7	2	0.1	0	+	+	SWLF 5.0m
R306M	Ou Reang Ov	Damrei	Chrey Sokhom	16.Feb.01	1307753	564526	18	Dug Well	4.0	2.5	27.1	6.75	12.0	230	0.2	0.5	1	0.1>	0	+	+	
R306M	Ou Reang Ov	Damrei	Chrey Sokhom	16.Feb.01	1307753	564526	18	Borehole	29.0	1.0	29.0	7.42	52.0	37	0.2	1	2	0.1	0	-	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	16.Feb.0	1301557	555074	13	Borehole	25.0		30.1	7.38	142.2	-13	0.2	1	1>	0.1>	0	-	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	16.Feb.0	1301557	555074	13	combined	7.8	3.2	27.5	7.5	324.0	171	0.2	1.5	20	0.1>	0	+	+	
R328M	Ou Reang Ov	Chak	Trach Chrum	16.Feb.0	1302753	563679	18	Borehole	30.0	2.0	29.2	7	41.8	40	0.2	0.5	1	0.1>	0	+	+	
R328M	Ou Reang Ov	Chak	Trach Chrum	16.Feb.0	1302753	563679	18	Dug Well	4.0	2.8	26.3	7.68	515.0	60	0.2	1.5	1>	0.1	0	+	+	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	16.Feb.0	1304912	561416	29	Borehole	30.0	10.2	28.7	8.25	51.4	142	0.2>	0.7	1>	0.1>	0	-	-	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	16.Feb.0	1304912	561416	29	Dug Well	6.4	6.9	26.1	7.98	811.0	135	0.2	1	5	0.1>	0	+	+	
R337M	Ou Reang Ov	Toul Sophy	Thma Da Lech	16.Feb.0	1306592	558636	50	Dug Well	7.2	5.4	27.4	5.83	8.1	248	0.2>	1	2	0.1	0	+	+	
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	16.Feb.0	1312948	554050	30	Borehole	19.0	7.0	29.3	7.67	64.4	157	0.3	0.5	1>	0.1>	0	+	-	
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	16.Feb.0	1312948	554050	30	Dug Well	5.1	2.2	26.9	6.84	53.7	228	0.2	0.5	10	0.1	0	+	+	SWLF 6.5m
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	16.Feb.0	1301995	552331	13	Borehole	45.0	7.0	30.2	7.26	46.1	28	0.2	0.6	1>	0.1>	0	-	-	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	16.Feb.0	1301995	552331	13	Dug Well	9.3	3.9	27.8	7.56	190.8	181	0.2	1	10	0.1>	0	+	-	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	15.Feb.01	1346846	534521	118	Dug Well	4.7	4.0	25.6	7.11	30.4	237	0.2>	1	5	0.1>	0	-	-	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	19.Jan.01	1346846	534521	118	Borehole	27.0	7.5	28.1	6.84	52.3	194	0.2>	2	2	0.1>	0	-	-	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	15.Feb.01	1346846	534521	118	Borehole	27.0	7.5	26.8	7.59	61.8	219	0.2	0.7	1	0.1	0	+	+	

Table Results of the 1st Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R356M	Chamkar Leu	Bos Khnor	Doun Thi	15.Feb.01	1340509	536759	60	Dug Well	7.0	5.9	27.5	8.18	75.5	224	0.2	1	1>	0.1>	0	+	+	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	15.Feb.01	1340509	536759	60	Borehole	23.0	7.0	29.5	7.89	712.0	215	0.2>	0.5	1	0.1	0	-	-	
R363M	Chamkar Leu	Lvear Leu	Lvear Cheung	15.Feb.01	1364523	530916	43	Dug Well	6.6	4.5	27.6	5.62	5.6	289	0.2	0.5	2	0.1	0	+	+	
R364M	Chamkar Leu	Ta Ong	Ta Ong	15.Feb.01	1352552	532699	108	Borehole	21.0		27.3	6.30	17.1	295	0.3	0.7	10		0	+	-	
R364M	Chamkar Leu	Ta Ong	Ta Ong	15.Feb.01	1352552	532699	108	Dug Well	22.5	13.7		7.03	24.8	250								
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	15.Feb.01	1358387	530663	58	Dug Well	4.9	3.4	28.2	7.57	146.4	169	0.2	1	8	0.1>	0	+	+	SWLF 4.5m
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	15.Feb.01	1358387	530663	58	Borehole	36.0	5.6	28.6	7.79	65.6	-42	1	0.5	1>		0	+	+	
R372M	Cheung Prey	Kok Rovieng	Totoul	13.Feb.01	1327445	498596	10	Borehole	38.7	5.3	30.2	6.82	56.4	233	0.2	1	1	0.1	0	+	-	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	13.Feb.01	1346016	505892	22	Borehole	46.0	8.0	30.1	7.51	178.0	26	0.2	1	1>	0.1>	0	-	-	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	13.Feb.01	1346016	505892	22	combined	28.2	9.2	28.6	7.60	351.0	192	0.2	1	1>	0.1	0	+	+	Combined well(11.2+17)
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	13.Feb.01	1328281	501215	12	Borehole	25.0		29.7	7.16	66.1	176	0.4	2	1>	0.1>	0	+	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	13.Feb.01	1328281	501215	12	Dug Well	5.7	3.0	28.3	6.98	318.0	229	0.2	2	20	0.2	0	+	+	SWLF 4m
S001M	Batheay	Sambour	Sambour	13.Feb.01	1312162	483824	8	Borehole	22.0	7.0	29.7	7.35	180.1	104	0.5	1.5	8		0.01	-	-	
S001M	Batheay	Sambour	Sambour	13.Feb.01	1312162	483824	8	Dug Well	6.5	4.4	29.4	7.32	168.8	142	0.5	1.5	8		0.01	+	+	SWLF 6m
S002M	Batheay	Chealea	Chealea	13.Feb.01	1316953	492222	15	Dug Well	5.2	0.9	28.1	7.21	78.1	192	0.4	2	1	0.1	0	+	+	SWLF 4.2m
S002M	Batheay	Chealea	Chealea	13.Feb.01	1316953	492222	15	Borehole	44.5	4.0	29.2	6.92	173.7	121	1	1	5		0	+	+	
S003M	Batheay	Pháv	Tang Boeng	13.Feb.01	1328049	496295	12	Dug Well	9.0	5.6	28.7	6.61	77.9	208	0.2	0.5	10	0.1	0	+	+	SWLF 6.8m
S003M	Batheay	Pháv	Tang Boeng	13.Feb.01	1328049	496295	12	Borehole	35.0		30.4	6.86	49.3	31	5	1.5	1>		0.03	+	-	
S004M	Batheay	Cheung Prey	Cheung Prey	13.Feb.01	1333188	496662	16	Borehole	35.0	1.8	28.9	6.70	49.7	17	0.5	1	1>	0.1>	0	-	-	
S004M	Batheay	Cheung Prey	Cheung Prey	13.Feb.01	1333188	496662	16	Dug Well	3.4	1.3	27.2	6.22	157.5	190	0.2	2	10	0.2	0	+	+	
S005M	Batheay	Trab	Thkov	13.Feb.01	1342090	495339	17	Borehole	27.0	4.5	29.9	7.30	131.1	59	0.2	2	1	0.1>	0	-	-	
S007M	Chamkar Leu	Ta Ong	Chamroeun Phal	15.Feb.01	1356092	536023	90	Dug Well	5.5	5.3	26.1	6.94	133.2	250	0.3	0.5	10	0.1	0	+	+	SWLF 4m
S009M	Cheung Prey	Prey Char	Prey Char Leu	13.Feb.01	1328323	509410	12	Dug Well	7.5	4.3	28.0	7.31	143.6	206	0.2	1	10	0.1>	0	+	+	SWLF 3m
S009M	Cheung Prey	Prey Char	Prey Char Leu	13.Feb.01	1328323	509410	12	Borehole	18.0	8.0	28.6	7.16	589.0	207	0.5	2	20	0.1	0	-	-	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	10.Feb.01	1337704	507236	19	Dug Well	4.3	3.0	27.2	4.74	4.8	186	0.5	0	1>	0.1	0	+	+	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	10.Feb.01	1337704	507236	19	Borehole			29.4	6.38	20.1	-95	10<	0	1>		0	-	-	
S011M	Cheung Prey	Sampong Chey	Trapaing Chhuk	13.Feb.01	1344728	514197	19	combined	26.0	3.8	29.4	7.30	78.3	218	0.2>	1	1>	0.1>	0	+	-	Combined well(8+18)
S012M	Dambae	Dambae	Dambae	21.Feb.01	1328631	596268	40	Dug Well	6.7	5.5	27.4	5.29	4.8	332	0.2	0.5	5	0.1	0	+	+	SWLF 5.6m
S013M	Dambae	Kouk Srok	Kouk Char	21.Feb.01	1323829	589624	30	Dug Well	5.9	4.0	26.6	5.98	6.4	217	0.2>	0	1>	0.1>	0	+	+	SWLF 5.1m
S013M	Dambae	Kouk Srok	Kouk Char	21.Feb.01	1323829	589624	30	Borehole	33.0	3.0	28.0	5.88	5.9	195	0.7	0.5	1>	0.1	0	-	-	
S014M	Dambae	Dambae	Chey Samoati	21.Feb.01	1327665	594930	39	Dug Well	4.7	3.8	26.9	4.53	21.2	357	0.2	0.3	10	0.1	0	+	+	SWLF 3.4m
S015M	Dambae	Dambae	Trapeang Ruessei	21.Feb.01	1331108	592550	32	Dug Well	6.5	4.1	27.2	4.71	56.0	329	0.2	0	20	0.1	0.01	+	+	SWLF 5.2m
S016M	Dambae	Trpeang Pring	Banghaeur Khlaeng	21.Feb.01	1323494	602060	55	Dug Well	7.5	5.8	28.6	7.33	222.0	231	0.2	0.7	44	0.1	0	+	-	SWLF 6.6m
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	15.Feb.01	1327000	550111	15	Dug Well	13.2	10.6	28.6	7.30	28.0	215	0.2>	1	2	0.1>	0	+	+	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	15.Feb.01	1327000	550111	15	Borehole	21.0		29.4	7.22	34.2	-25	1	1	2	0.1	0	+	-	
S018M	Kg. Siem	Ampil	Banteay Thmei	14.Feb.01	1328866	545621	17	Borehole	67.2	23.2	29.9	7.68	59.3	211	0.2	0.5	1>	0.1>	0	+	+	
S018M	Kg. Siem	Ampil	Banteay Thmei	14.Feb.01	1328866	545621	17	Dug Well	5.8	3.9	27.9	7.22	75.0	232	0.2	1	10	0.1>	0	+	+	

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Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S019M	Kg. Siem	Tream	Tream	15.Feb.01	1336074	547777	38	Dug Well	8.6	6.3	27.8	7.88	126.6	139	0.2	2	1	0.1>	0	+	+	
S019M	Kg. Siem	Tream	Tream	15.Feb.01	1336074	547777	38	Borehole	49.0	20.0	29.3	7.31	74.0	32	0.2	0.7	1>	0.2	0	-	-	
S020M	Kg. Siem	Tream	Veal Kriel	15.Feb.01	1337517	547470	32	Dug Well	5.8	4.0	27.4	7.42	72.9	163	0.2	0.7	5	0.1>	0	+	+	
S020M	Kg. Siem	Tream	Veal Kriel	15.Feb.01	1337517	547470	32	Borehole	20.0	11.0	29.8	7.43	86.4	98	0.2	0.7	2	0.1>	0	-	-	
S021M	Kg. Siem	Ou Svay	Ou Svay	15.Feb.01	1338100	541169	35	Dug Well	7.3	4.8	27.1	7.43	109.0	203	0.2	1	2	0.1>	0	+	+	
S021M	Kg. Siem	Ou Svay	Ou Svay	15.Feb.01	1338100	541169	35	Borehole	57.0	17.0	30.2	7.33	61.5	136	0.2	1	1	0.1	0	-	-	
S022M	Kang Meas	Roka Koyka	Roka Koyka	14.Feb.01	1319591	536857	10	Dug Well	8.5	5.1	27.8	7.11	72.6	180	0.2	1	1>	0.1>	0	-	+	
S022M	Kang Meas	Roka Koyka	Roka Koyka	14.Feb.01	1319591	536857	10	Borehole	64.0	8.5	29.4	7.09	67.1	-30	1	2	1>	1.0	0	+	+	
S023M	Kang Meas	Preak Krabau	Preak Krabau	14.Feb.01	1325921	527923	8	Borehole	36.0	7.0	29.4	7.23	85.9	144	0.2>	0.7	1>	0.1>	0	-	-	
S023M	Kang Meas	Preak Krabau	Preak Krabau	14.Feb.01	1325921	527923	8	Dug Well	7.5	3.0	27.2	7.28	264.0	184	0.2	1.5	20	0.1>	0	-	+	
S024M	Kang Meas	Peam Chikang	Damnak chrey	14.Feb.01	1323010	529105	8	Dug Well	6.5	2.5	27.1	7.30	318.0	149	0.2	2	10	0.1>	0	-	+	
S024M	Kang Meas	Peam Chikang	Damnak chrey	14.Feb.01	1323010	529105	8	Borehole	39.0		29.6	7.26	89.9	-5	0.2	1	1>	0.2	0	-	-	
S025M	Kang Meas	Preak Koy	Preak Krus	14.Feb.01	1323776	518906	11	Dug Well	7.0	3.1	27.4	7.27	158.9	159	0.2>	2	1	0.1>	0	+	+	
S025M	Kang Meas	Preak Koy	Preak Krus	14.Feb.01	1323776	518906	11	Borehole	55.7	6.0	28.9	7.23	107.9	28	0.2	2	1>	0.1	0	-	+	
S026M	Krouch Chhmar	Chhuk	Chhuk	20.Feb.01	1343286	580031	20	Borehole	26.0	5.0	28.5	5.29	6.5	262	0.5	0.5	3	0.1>	0	+	+	
S026M	Krouch Chhmar	Chhuk	Chhuk	20.Feb.01	1343286	580031	20	Dug Well	8.7	6.5	26.9	5.39	9.3	266	0.2	0.7	10	0.1	0	+	+	SWLF 2.5m
S028M	Ponhea Kraek	Kreak	Chimoan Kandal	21.Feb.0	1300344	602718	35	Dug Well	3.4	1.3	27.0	5.37	7.5	242	0.2	0.5	1>	0.1	0	+	-	SWLF 2.3m
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	21.Feb.0	1298986	603160	31	Dug Well	3.8	2.9	27.6	5.47	4.5	197	0.5	0	1>	0.1>	0	+	-	SWLF 1.3m
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	21.Feb.0	1292699	605218	23	Dug Well	2.5	1.7	27.5	5.9	8.0	173	0.2	0.5	1>	0.1	0	+	+	SWLF 0.9m
S031M	Prey Chhor	Kor	Ta Meas	14.Feb.0	1339863	522910	22	Dug Well	5.9	3.0	27.3	7.34	316.0	236	3	1	20	0.1	0	+	+	SWLF 4.8m
S031M (A)	Prey Chhor	Kor	Rom Dou	14.Feb.0	1337929	524634	28	Borehole	17.0		30.0	7.42	175.3	131	0.3	0.5	15	0.1	0	+	+	
S032M	Prey Chhor	Boeung Nay	Boeung Nay	14.Feb.0	1342596	519438	18	Borehole	29.0	5.5	29.1	7.47	63.3	212	0.2>	0.7	1>	0.1	0	+	+	
S032M	Prey Chhor	Boeung Nay	Boeung Nay	14.Feb.0	1342596	519438	18	Dug Well	2.6	1.0	27.5	7.39	129.2	235	0.2	1	1>	0.1	0	+	+	SWLF 1.6m
S033M	Prey Chhor	Lvea	Lvea	14.Feb.0	1332224	520277	15	Borehole	45.0		30.0	7.39	56.9	115	0.5	2	1>	0.1>	0	+	+	
S033M	Prey Chhor	Lvea	Lvea	14.Feb.0	1332224	520277	15	combined	21.3	6.2	29.5	7.8	68.6	195	0.2	2	1>	0.1	0	+	+	SWLF 3.5m
S034M	Prey Chhor	Mien	Toul Poun	14.Feb.0	1332392	533349	23	Borehole	47.0	9.5	31.1	7.27	157.9	218	0.2	0.7	10	0.1	0	+	+	
S034M	Prey Chhor	Mien	Toul Poun	14.Feb.0	1332392	533349	23	Dug Well	7.4	2.4	27.0	7.5	115.3	213	0.2	0.7	2	0.1	0	+	+	SWLF 4m
S035M	Prey Chhor	Mien	Krasang Pul	14.Feb.0	1332494	537616	32	Borehole	52.0	20.0	31.1	8.12	85.7	190	0.2>	0.5	1>	0.1	0	+	+	
S035M	Prey Chhor	Mien	Krasang Pul	14.Feb.0	1332494	537616	32	Dug Well	3.0	2.3	28.9	7.25	156.3	227	0.2>	0.5	5	0.1	0	+	+	
S036M	Steung Trang	Me sar Chey	Ou Beng	15.Feb.0	1359691	546901	56	Dug Well	4.9	4.7	26.9	7.74	117.0	156	0.2	1	5	0.1	0	+	+	SWLF 4.4m
S036M	Steung Trang	Me sar Chey	Ou Beng	15.Feb.0	1359691	546901	56	Borehole	12.0		30.2	7.46	52.4	39	2	0.5	1>		0	+	-	
S038M	Tboung Khmum	Roka Po Pram	Samrum	20.Feb.0	1337434	575771	50	combined	14.0		27.8	5.56	14.0	250	0.2	0.7	5	0.1	0	+	+	
S038M	Tboung Khmum	Roka Po Pram	Samrum	20.Feb.0	1337434	575771	50	Dug Well	5.0	4.2	27.7	5.35	13.9	246	0.2	0.7	5	0.1	0	+	+	SWLF 5m
S039M	Memot	Tonlung	Sla	23.Feb.01	1311858	641737	140	Borehole	30.0	6.0	27.3	5.22	1.6	292	0.2>	0	1>	0.1>	0	-	-	
S040M	Tboung Khmum	Chirou Pir	Srae Siem	23.Feb.0	1320221	559616	22	Borehole	21.0	6.0	29.7	7.36	92.4	16	1	0.5	1>	0.1	0.01	+	+	
S040M	Tboung Khmum	Chirou Pir	Srae Siem	23.Feb.0	1320221	559616	22	Dug Well	6.0	3.1	27.1	7.27	309.0	182	0.2	0.5	20	0.1	0	+	+	SWLF 5.3m
S041M	Batheay	Chealea	Taing Kraing	17.Feb.01	1314479	493697	8	Dug Well	9.3	2.1	28.5	6.96	33.5	173	0.2>	0.7	1>	0.1>	0	+	+	SWLF 4.6m

Table Results of the 1st Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
			UNIT		m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
			WHO Guide Line												0.3	1.5	50	1.5	0.01			WHO Guide Line

SWLF: Fluctuation of groundwater level obtained by the interview with villager

Table Results of 2nd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R008M	Memot	Dar	Dar Lech	26.May.01	1303915	619233	55	Dug Well	5.8	5.0	27.5	5.38	4.9	201	0.5	0	5	0.1	0	++	++	SWLF 2.68m
R009M	Memot	Dar	Dar Phsar	26.May.01	1303272	618270	53	Borehole	38.0		29.1	4.79	1.6	267	0.2	0.5	1	0.1	0	+	+	
R011M	Memot	Dar	Prampir Meakkakra	25.May.01	1302546	612983	50	Dug Well	5.1	3.2	28.7	6.01	19.8	172	0.2	0.5	1	0.1	0	+++	+++	
R015M	Memot	Dar	Meaek Puk	30.June.01	1310728	614582	88	Dug Well	7.1	6.2	27.4	5.99	53.9	309	0.2	1	44	0.1	0	++	++	SWLF 2.9m
R017M	Memot	Dar	Chhngar Cheung	25.May.01	1308487	621724	120	Dug Well	6.9	7.1	28.1	4.74	2.1	293	0.2	0	1	0.1	0	+	+	SWLF 1m
R019M	Memot	Dar	Soumrong Chhueng	25.May.01	1305165	622378	70	Dug Well	6.2	4.7	28.0	4.20	13.5	324	0.2	0.5	20	0.1	0	++	++	SWLF 2.8m
R019M(A)	Memot	Dar	Samrong	25.May.01	1304261	621900	70	Borehole	43.0		29.2	5.47	5.3	162	0.2	0.5	1	0.1	0	+	+	
R021M	Memot	Dar	Beng	25.May.01	1303331	616376	70	Dug Well	6.1	4.9	28.7	5.15	3.1	254	0.2	0.5	2	0.1	0	+	+	
R046M	Memot	Tonlung	Kdol Pular	26.May.01	1315592	645953	60	Borehole	26.0		27.7	6.69	71.7	20	1	0.5	1	0.1	0	+	+	
R046M	Memot	Tonlung	Kdol Pular	26.May.01	1315592	645953	60	Dug Well	4.2	2.5	28.3	4.80	3.8	175	0.2	0.5	1	0.1	0	++	++	SWLF 2.5m
R055M	Memot	Ton Lung	Sla Phnum	26.May.01	1311401	642783	152	Dug Well	27.5	25.0	28.4	4.93	1.9	252	0.2	0	1	0.1	0.001	+	+	
R060M	Memot	Rumchek	Kantuot	25.May.01	1331792	612336	30	Dug Well	6.1	5.9	27.2	4.04	4.8	295	0.2	0	5	0.1	0	+++	+	
R065M	Memot	Rumchek	Rumchek	25.May.01	1340914	611560	23	Dug Well	5.9	4.0	27.8	4.38	6.4	266	0.2	0	5	0.1	0	++	+++	
R071M	Memot	Memot	Tboung Voat	26.May.01	1308021	628890	75	Dug Well	7.8	6.1	27.8	4.40	11.3	229	0.2	0	10	0.1	0	+++	+++	
R077M	Memot	Memot	Sangkorn Mean Thmei	26.May.01	1307478	626997	60	Borehole	19.0		28.5	5.33	9.3	22	10	0	5		0	+	+	
R078M	Memot	Memot	Sangkorn Mean Chey Chas	26.May.01	1307556	626346	66	Dug Well	3.6	2.2	27.9	4.44	6.1	239	0.2	0	4	0.1	0	+	+	
R086M	Memot	Tramung	Choam Triek	26.May.01	1306826	629919	70	Borehole	39.0		29.6	4.94	1.8	1	0.5	0.5	1	0.1	0.001	+++	+	
R086M	Memot	Tramung	Choam Triek	26.May.01	1306826	629919	70	Dug Well	16.5	16.3	28.8	5.23	1.6	195	0.2	0	1	0.1	0	+++	+++	
R092M	Memot	Tramung	Chhuk	26.May.01	1308645	632132	82	Dug Well	6.2	6.3	28.1	4.85	1.8	252	0.2	0.5	1	0.1	0	+++	+	SWLF 2.2m
R093M	Memot	Tramoung	Ngeu Thom	26.May.01	1310002	630806	60	Dug Well	7.0	4.0	28.2	4.14	2.9	234	0.2	0.5	1	0.1	0	+++	+	
R101M	Memot	Kampoan	Lour	25.May.01	1321585	615401	92	Dug Well	4.0	1.5	28.2	5.62	5.8	146	0.2	0	1	0.1	0	+++	++	SWLF 1.1m
R102M	Memot	Kampoan	Kampoan	25.May.01	1318837	619763	95	Dug Well	5.0	2.6	28.1	4.47	12.4	270	0.5	0.5	10	0.1	0	+++	+++	
R102M	Memot	Kampoan	Kampoan	25.May.01	1318837	619763	95	Borehole	24.0		28.3	4.90	1.9	264	0.2	0.5	1	0.1	0	+	-	
R106M	Memot	Kampoan	Tuek Tum	25.May.01	1324597	620921	75	Dug Well	25.0	22.0	28.9	4.72	2.0	263	0.5	0.5	1	0.2	0	+++	+	
R115M	Memot	Kokir	Kngaok	25.May.01	1315838	617645	115	Dug Well	5.8	4.4	27.6	4.75	6.0	299	0.2	0.5	5	0.1	0	++	++	SWLF 2.9m
R117M	Memot	Kokir	Salang Ti Bei	25.May.01	1313631	618477	183	Dug Well	12.0	5.6	27.0	4.97	12.2	221	0.5	0	10	0.1	0	+++	+	
R124M	Memot	Choam Ta Mau	Sampov Lun	25.May.01	1317153	633421	32	Dug Well	4.5	2.9	27.6	5.03	3.3	231	0.2	0	5	0.1	0	++	++	
R126M	Memot	Choam Ta Mau	Kantuot	25.May.01	1311618	635820	79	Dug Well	13.0	11.6	28.5	4.75	4.5	305	0.2	0	5	0.1	0	+	+	
R127M	Memot	Choam Ta Mau	Angkam	25.May.01	1315359	632464	40	Dug Well	4.3	3.0	28.6	4.38	5.0	256	0.2	0	1	0.1	0	++	+	
R129M	Memot	Choam Ta Mau	Thma Toteung	25.May.01	1313699	635816	75	Borehole	23.0		28.4	4.48	3.3	98	7	0	1		0	+	-	
R171M	Ponhea Kraek	Popel	Khsak	24.May.01	1307703	592074	27	Dug Well	4.8	2.9	28.0	4.54	15.6	281	0.2	0.5	5	0.1	0	++	+	SWLF 2.7m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	24.May.01	1300424	578599	16	Dug Well	4.0	3.0	28.5	5.3	45.4	185	0.2	0.5	10	0.1	0	+	+	
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	24.May.01	1300424	578599	16	Borehole	12.0		28.7	4.8	9.7	97	7	0	1		0.005	+	-	
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	24.May.01	1307317	586790	18	Dug Well	26.9	1.0	29.4	6.89	47.6	39	0.2	1.5	1	0.1	0	+++	++	
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	24.May.01	1307317	586790	18	Borehole	34.0		29.0	6.17	25.8	-27	2	1	1		0	-	-	
R181M	Kaoh Sothin	Kaoh Sothin	Phum Pir	21.Jun.01	1317966	547585	10	Dug Well	14.0	6.0		7.28	81.7		0.2	0	2	0.1	0	+++	+++	Village Survey
R181M	Kaoh Sothin	Kaoh Sothin	Phum Pir	21.Jun.01	1317966	547585	10	Borehole	46.0			7.08	46.6		10	0.5	1		0.03	+++	+	Village Survey

Table Results of 2nd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R207M	Kaoh Sothin	Pongro	Pak Nam	18.May.01	1313501	546389	9	Dug Well	8.3	7.6	28.1	6.70	68.3	116	0.7	0.5	1	1.0	0	+	+	
R207M	Kaoh Sothin	Pongro	Pak Nam	18.May.01	1313501	546389	9	Borehole	24.0		29.3	7.08	41.9	-111	10	2	1		0.1	+	+	
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	18.May.01	1309183	545416	9	Dug Well	4.5	4.3	28.2	6.98	120.5	121	1	1	1	2.0	0	+	+	
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	18.May.01	1309183	545416	9	Borehole	40.0		29.0	6.94	63.8	-19	1	1	1	0.1	0	++	-	
R214M	Steung Trang	Preak Kak	Toul pou	17.May.01	1358213	554231	17	Dug Well	3.6	1.6	28.3	6.46	25.3	126	0.5	0.5	1	0.5	0	++	++	
R214M	Steung Trang	Preaek Bak	Tuol Pou	17.May.01	1358213	554231	17	Borehole	22.0		28.9	5.98	19.2	100	0.2	0.7	1	0.1	0	+	+	SWLF 1.8m
R227M	Dambae	Chong Cheach	Cheach Cheung	24.May.01	1317244	593744	31	Dug Well	4.0	2.8	27.9	5.41	15.2	216	0.2	0	5	0.1	0	+++	++	
R229M	Krouch Chhmar	Chumnik	Chumnic	30.May.01	1354080	584361	16	Borehole	47.0			7.54	52.0		2	1	2	5.1	0.2	++	-	Village Survey
R239M	Krouch Chhmar	Rokar Khnaor	Saoy Pirr	01.Jun.01	1354084	579378	16	Dug Well	12.0	7.7		7.68	106.5		0.2	1	2	0.2	0	+	-	Village Survey
R239M	Krouch Chhmar	Rokar Khnaor	Saoy Pirr	01.Jun.01	1354084	579378	16	Borehole	35.0			7.13	116.0		10	0.5	1		0.03	+	+	Village Survey
R241M	Krouch Chhmar	Rokar Khnaor	Ampil	05.Jun.01	1354136	577855	16	Borehole	42.0			6.92	46.0		10	0.5	1	5.1	0.1	-	-	Village Survey
R241M	Krouch Chhmar	Rokar Khnaor	Ampil	05.Jun.01	1354136	577855	16	Dug Well	6.8	4.5		7.34	256.0		0.2	1.5	20	0.1	0	+++	+++	Village Survey
R243M	Krouch Chhmar	Svay Khleang	Phum Ti Muoy	06.Jun.01	1354732	573412	16	Borehole	30.0			7.12	69.7		5	1	1	2.0	0	+	+	Village Survey
R243M	Krouch Chhmar	Svay Khleang	Phum Ti Muoy	06.Jun.01	1354732	573412	16	Dug Well	7.0	3.1		6.49	73.2		0.5	1	2	0.1	0	+++	++	Village Survey
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	19.May.01	1356873	569955	17	Dug Well	11.0	5.1	27.5	6.73	107.1	79	0.2	0.5	10	0.1	0	+++	-	SWLF 0.5m
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	19.May.01	1356873	569955	17	Borehole	24.0		29.2	6.84	74.6	-115	7	0.5	1		0.2	+++	-	
R256M	Krouch Chhmar	Kampong Treas	Phum Pram	19.May.01	1339128	559639	15	Dug Well	8.0	5.5	27.6	6.25	80.3	144	0.2	0.5	2	0.1	0	+	+	
R256M	Krouch Chhmar	Kampong Treas	Phum Pram	19.May.01	1339128	559639	15	Borehole	40.0		29.2	6.71	74.0	-139	10	2	1		0.2	-	-	
R264M	Tboung Khmum	Kor	Veal Khmum	23.May.01	1325384	577393	25	Dug Well	7.7	5.6	27.8	4.78	6.6	256	0.5	0.5	2	0.1	0	+++	+	SWLF 2.9m
R269M	Tboung Khmum	Mong Rieng	Mong Ti Prampi	23.May.01	1315961	568067	18	Dug Well	4.0	1.0	29.6	6.13	17.2	168	0.2	0.5	1	0.1	0	++	++	
R272M	Tboung Khmum	Orgun Chaem	Trapaing Chrek	23.May.01	1311779	578599	17	Dug Well	5.0	2.7	28.9	6.04	90.6	160	0.2	0.5	10	0.1	0	++	+++	
R273M	Tboung Khmum	Anhchaaeum	Chheu Teak Chrum	23.May.01	1310517	579124	17	Dug Well	4.2	1.8	28.9	5.65	52.0	125	0.5	0.5	1	0.5	0	+++	++	SWLF 2m
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	23.May.01	1314267	575797	18	Dug Well	6.8	7.7	28.5	6.34	92.5	70	0.2	1	20	0.1	0	+	++	SWLF 5.5m
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	23.May.01	1314267	575797	18	Borehole	28.0		31.5	6.41	76.0	-29	1	1	10		0	+	-	
R294M	Tboung Khmum	Thma Pech	Chambak	23.May.01	1331094	571984	20	Combine	25.6	0.8	29.0	5.57	16.6	162	0.2	1	2	0.1	0	++	+	SWLF 0.9m
R297M	Tboung Khmum	Roka Po Pram	Trapeang Khla	23.May.01	1334833	575326	40	Dug Well	10.0	5.2	27.9	5.87	64.2	189	0.2	0.5	20	0.1	0	+	+	SWLF 2m
R299M	Tboung Khmum	Roka Po Pram	Pong Tuek	23.May.01	1336670	575695	46	Dug Well	5.4	3.5	28.9	5.27	14.3	217	0.2	0.7	5	0.1	0	++	++	SWLF 1.2m
R300M(A)	Tboung Khmum	Tonle Bet	Prech Tock	18.May.01	1325631	551772	12	Borehole	35.0		28.9	6.50	39.8	-119	10	2	1		0.2	-	-	
R301M	Tboung Khmum	Tonle Bet	Tonle Bet Kraom	23.May.01	1322963	551892	13	Combine	50<	10.5	29.9	6.64	57.8	-104	8	2	1		0	++	+	
R303M	Tboung Khmum	Chirou Pir	Mream Teak	18.May.01	1318283	561910	21	Borehole	32.0		29.7	5.70	10.8	215	0.2	0.5	5	0.1	0	++	-	
R303M	Tboung Khmum	Chirou Pir	Mream Teak	18.May.01	1318283	561910	21	Dug Well	5.2	1.1	28.6	5.83	13.0	240	0.3	0.7	5	0.1	0	+	++	SWLF 5.0m
R306M	Ou Reang Ov	Damrel	Chrey Sokhom	18.May.01	1307753	564526	18	Dug Well	4.0	2.5	28.8	6.46	12.0	154	0.2	0.5	2	0.1	0	+	+	
R306M	Ou Reang Ov	Damrel	Chrey Sokhom	18.May.01	1307753	564526	18	Borehole	29.0		28.9	6.86	53.3	16	0.2	0.8	1	0.1	0	++	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	18.May.01	1301557	555074	13	Combine	7.8	4.1	28.9	6.94	240.0	123	0.2	1	10	0.1	0	+++	++	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	18.May.01	1301557	555074	13	Borehole	25.0		30.2	6.78	114.0	8	0.2	1	1	0.1	0	++	-	
R328M	Ou Reang Ov	Chak	Trach Chrum	18.May.01	1302753	563679	18	Borehole	30.0		29.8	6.45	34.4	84	0.2	0.8	1	0.1	0	++	-	
R328M	Ou Reang Ov	Chak	Trach Chrum	18.May.01	1302753	563679	18	Dug Well	4.4	3.7	27.8	7.01	391.0	126	0.2	2	1	0.1	0	+	+	

Table Results of 2nd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	18.May.01	1304912	561416	29	Dug Well	6.4	6.6	27.9	7.08	77.1	136	0.2	0.7	5	0.1	0	++	+	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	18.May.01	1304912	561416	29	Borehole	30.0		30.0	7.89	51.9	93	0.2	0.5	1	0.1	0	-	-	
R337M	Ou Reang Ov	Toul Sophy	Thma Da Lech	18.May.01	1306592	558636	50	Dug Well	7.2	5.3	28.2	5.53	8.9	210	0.2	0.5	5	0.1	0	+	+	
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	18.May.01	1311282	555432	20	Dug Well	8.0	7.0	28.6	6.45	9.8	157	0.5	1	5	0.2	0	++	++	
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	18.May.01	1311282	555432	20	Borehole	24.0		29.1	7.62	57.5	81	0.5	1	1	0.1	0	++	+	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	18.May.01	1301995	552331	13	Dug Well	9.3	4.9	28.8	7.09	180.0	76	0.2	1	10	0.1	0	++	+	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	18.May.01	1301995	552331	13	Borehole	45.0		30.7	6.69	46.3	-7	0.2	0.7	1	0.1	0	++	-	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	17.May.01	1346846	534521	118	Dug Well	4.7	2.9	27.1	6.24	31.9	187	0.2	0.7	10	0.1	0	+	+++	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	17.May.01	1346846	534521	118	Borehole	27.0		28.1	7.02	58.5	136	0.2	0.7	2	0.1	0.01	+	+	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	17.May.01	1340509	536759	60	Borehole	23.0		30.3	7.43	71.0	75	0.2	0.5	1	0.1	0	-	-	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	17.May.01	1340509	536759	60	Dug Well	7.0	0.9	29.0	7.27	70.0	92	0.2	0.8	1	0.1	0	++	++	
R362M	Chamkar Leu	Lvea Leu	Thnori Bek (Cheung)	17.May.01	1360496	530902	40	Dug Well	11.7	10.4	28.9	5.03	4.3	226	0.2	0	2	0.1	0			
R363M	Chamkar Leu	Lvear Leu	Lvear Cheung	17.May.01	1364523	530916	43	Dug Well	6.6	4.5	27.9	4.95	7.7	252	0.5	0.5	5	0.1	0	+	+	SWLF 0.5m
R364M	Chamkar Leu	Ta Ong	Ta Ong	17.May.01	1352552	532699	108	Borehole	21.0		28.5	6.17	16.8	212	0.2	1	10	0.1	0	-	-	SWLF 8m
R364M	Chamkar Leu	Ta Ong	Ta Ong	17.May.01	1352552	532699	108	Dug Well	22.5	14.2												
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	16.May.01	1358387	530663	58	Dug Well	4.9	0.7	29.6	7.08	111.8	175	0.2	1	20	0.1	0	+++	+	SWLF 4.5m
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	16.May.01	1358387	530663	58	Borehole	36.0		28.7	7.43	72.7	-85	1	0.5	1	0.1	0	++	++	
R372M	Cheung Prey	Kok Rovieng	Totoul	15.May.01	1327445	498596	10	Borehole	38.7		30.2	6.53	55.8	112	0.2	0.8	1	0.1	0.001	+	+	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	15.May.01	1346016	505892	22	Combine	28.2	9.2	30.3	7.61	389.0	51	0.5	1	1	0.2	0	++	+	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	15.May.01	1346016	505892	22	Borehole	54.0		30.5	7.10	86.3	-76	1	1	1	0.1	0.01	++	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	15.May.01	1328281	501215	12	Borehole			28.7	6.44	291.0	50	0.2	0.8	44	0.1	0.01	+++	+++	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	15.May.01	1328281	501215	12	Dug Well	5.7	2.5	28.7	6.57	355.0	66	0.2	2	44	0.1	0	+++	+++	SWLF 4m
S001M	Batheay	Sambour	Sambour	15.May.01	1312162	483824	8	Borehole	22.0		30.4	7.05	176.0	37	0.5	2	5	0.1	0.01	++	-	
S001M	Batheay	Sambour	Sambour	15.May.01	1312162	483824	8	Dug Well	6.5	3.6	29.7	6.96	158.8	205	0.2	1.5	5		0	++	++	SWLF 6.0m
S002M	Batheay	Chealea	Chealea	15.May.01	1316953	492222	15	Dug Well	5.2	1.6	30.0	7.01	78.1	133	0.2	1	1	0.1	0	+	+	SWLF 4.2m
S002M	Batheay	Chealea	Chealea	15.May.01	1316953	492222	15	Borehole	44.5		29.6	6.63	175.4	41	0.8	1.5	5		0	+	+	
S003M	Batheay	Pháv	Tang Boeng	15.May.01	1328049	496295	12	Dug Well	9.0	6.2	28.8	6.27	78.4	88	0.2	0.5	10	0.1	0	+++	+++	
S003M	Batheay	Pháv	Tang Boeng	15.May.01	1328049	496295	12	Borehole	35.0		30.8	6.58	50.8	-91	10	0.9	1		0.02	+	+	
S004M	Batheay	Cheung Prey	Cheung Prey	15.May.01	1333188	496662	16	Dug Well	3.8	2.0	29.1	4.86	35.7	239	0.7	0.5	1	0.2	0	+	+	
S004M	Batheay	Cheung Prey	Cheung Prey	15.May.01	1333188	496662	16	Borehole	52.0		29.7	6.41	58.9	9	1	0.5	1	0.1	0	+	+	
S005M	Batheay	Trab	Thkov	15.May.01	1342090	495339	17	Borehole	27.0		30.7	7.09	126.1	14	0.5	2	2	0.1	0	+	-	
S009M	Cheung Prey	Prey Char	Prey Char Leu	15.May.01	1328323	509410	12	Borehole	24.0		29.8	7.04	791.0	34	0.2	2	44	0.1	0	++	-	
S009M	Cheung Prey	Prey Char	Prey Char Leu	15.May.01	1328323	509410	12	Dug Well	7.5	4.9	28.8	7.17	173.9	94	0.2	1	20	0.1	0	+++	+++	SWLF 3m
S009M(A)	Cheung Prey	Prey Char	Pnov-Lech	15.May.01	1331275	509203	12	Borehole	38.0		30.6	7.00	49.9	50	0.2	1	1	0.1				
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	15.May.01	1337704	507236	19	Dug Well	4.3	2.8	28.5	5.10	5.3	210	0.5	0.5	1	0.1	0	+	-	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	15.May.01	1337704	507236	19	Borehole			30.3	6.18	11.7	-33	10	0.7	1		0	++	-	
S011M	Cheung Prey	Sampong Chey	Trapaing Chhuk	15.May.01	1344728	514197	19	Combine	26.0	4.2	29.9	7.08	71.9	45	0.2	1	1	0.1	0	+	+	SWLF 5m

Table Results of 2nd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S012M	Dambae	Dambae	Dambae	24.May.01	1328631	596268	40	Dug Well	6.7	6.9	28.1	4.83	4.7	231	0.2	0	5	0.1	0	+++	++	
S013M	Dambae	Kouk Srok	Kouk Char	24.May.01	1323829	589624	30	Dug Well	5.9	2.9	28.1	5.10	6.4	171	0.2	0.5	2	0.1	0	++	++	
S013M	Dambae	Kouk Srok	Kouk Char	24.May.01	1323829	589624	30	Borehole	33.0		28.2	5.12	5.8	130	0.5	0.5	1	0.1	0.01	+++	+	
S014M	Dambae	Dambae	Chey Samoati	24.May.01	1327665	594930	39	Dug Well	4.7	4.0	27.7	4.24	21.3	280	0.2	0.5	10	0.1	0	++	+	
S015M	Dambae	Dambae	Trapeang Ruessei	24.May.01	1331108	592550	32	Dug Well	6.5	4.2	27.8	4.72	51.8	274	0.2	0	44	0.1	0.005	++	+	
S016M	Dambae	Trpeang Pring	Banghaeur Khlaeng	24.May.01	1323494	602060	55	Dug Well	7.5	3.0	28.9	6.95	262.0	144	0.2	1.5	44	0.1	0	+++	-	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	17.May.01	1327000	550111	15	Dug Well	13.2	12.3	29.4	6.59	31.4	164	0.2	1	5	0.1	0	+++	+	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	17.May.01	1327000	550111	15	Borehole	21.0		29.7	6.86	33.2	-64	1	2	2		0	+	-	
S018M	Kg. Siem	Ampil	Banteay Thmei	17.May.01	1328866	545621	17	Dug Well	5.8	4.3	28.4	6.89	59.4	132	0.2	0.8	10	0.1	0	+	+	
S018M	Kg. Siem	Ampil	Banteay Thmei	17.May.01	1328866	545621	17	Borehole	67.2		29.5	7.21	58.5	117	0.2	0.6	1	0.1	0.001	+	-	
S019M	Kg. Siem	Tream	Tream	17.May.01	1336074	547777	38	Borehole	49.0		29.8	6.91	71.7	32	0.2	0.5	1	0.2	0	+	-	
S019M	Kg. Siem	Tream	Tream	17.May.01	1336074	547777	38	Dug Well	8.6	6.7	27.9	7.63	128.0	97	0.2	2	1	0.1	0	+++	+++	
S020M	Kg. Siem	Tream	Veal Kriel	17.May.01	1337517	547470	32	Dug Well	5.8	2.6	28.8	6.87	75.6	120	0.2	0.7	10	0.1	0	+	+	
S020M	Kg. Siem	Tream	Veal Kriel	17.May.01	1337517	547470	32	Borehole	20.0		30.4	7.00	85.0	68	0.2	0.5	5	0.1	0	+	-	
S022M(A)	Kang Meas	Roka Koyka	Pongro	16.May.01	1319820	531716	10	Dug Well	5.8	3.3	27.6	7.28	211.0	139	0.2	2	5	0.1	0	+++	+	
S023M	Kang Meas	Preak Krabau	Preak Krabau	16.May.01	1325921	527923	8	Dug Well	7.5	4.8	28.3	7.54	239.0	108	0.2	1	20	0.1	0	+++	+	
S023M	Kang Meas	Preak Krabau	Preak Krabau	16.May.01	1325921	527923	8	Borehole	36.0		29.2	7.13	81.4	87	0.2	0.5	1	0.1	0	+++	+	
S023M(A)	Kang Meas	Preak Krabau	Pream Khong	16.May.01	1325767	529320	10	Borehole	28.0		28.5	6.82	106.6	121	0.2	0.5	20	0.1	0			
S024M	Kang Meas	Peam Chikang	Damnak chrey	16.May.01	1323010	529105	8	Borehole	31.0		29.3	7.35	78.9	-104	1.5	1	1	5.1	0			
S024M	Kang Meas	Peam Chikang	Damnak chrey	16.May.01	1323010	529105	8	Dug Well	6.5	3.0	28.5	7.10	333.0	71	0.2	1	20	2.0	0	+++	+++	SWLF 6m
S025M	Kang Meas	Preak Koy	Preak Krus	16.May.01	1323776	518906	11	Borehole	55.7		28.8	7.37	94.1	-57	0.5	1	1	0.2	0	++	++	
S025M	Kang Meas	Preak Koy	Preak Krus	16.May.01	1323776	518906	11	Dug Well	7.0	4.1	28.0	7.43	133.6	66	0.2	1	2	0.2	0	++	++	
S026M	Krouch Chhmar	Chhuk	Chhuk	23.May.01	1343286	580031	20	Dug Well	8.7	7.6	27.8	4.77	9.3	216	0.2	0.5	10	0.1	0	+	+	SWLF 2.5m
S026M	Krouch Chhmar	Chhuk	Chhuk	23.May.01	1343286	580031	20	Borehole	26.0		28.9	4.82	6.2	179	0.5	0	2	0.1	0	+	-	
S028M	Ponhea Kraek	Kreak	Chimoan Kandal	24.May.01	1300344	602718	35	Dug Well	3.0	1.7	28.5	5.08	22.1	229	0.2	0.5	1	0.2	0	+	+	
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	24.May.01	1298986	603160	31	Borehole	26.0		29.9	5.88	9.8	150	0.2	0.7	1	0.1	0	+	-	
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	24.May.01	1298986	603160	31	Dug Well	3.7	2.0	29.1	5.27	2.4	220	0.2	0.5	1	0.1	0	++	+	
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	24.May.01	1292699	605218	23	Dug Well	2.6	1.1	29.3	5.86	21.9	191	0.2	0.5	5	0.1	0	+	+	
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	24.May.01	1292699	605218	23	Borehole	18.0		29.0	4.81	2.5	192	0.2	0	1	0.1	0	+	+	
S031M	Prey Chhor	Kor	Ta Meas	16.May.01	1339863	522910	22	Dug Well	5.9	1.9	28.3	6.88	301.0	138	0.2	1	20	0.1	0	++	+	SWLF 4.8m
S032M	Prey Chhor	Boeung Nay	Neak Ta Snoeng/ O Chrok	16.May.01	1342596	519438	18	Borehole	29.0		29.7	7.12	62.8	107	0.2	0.6	1	0.1	0	++	+	
S032M	Prey Chhor	Boeung Nay	Boeung Nay	16.May.01	1342596	519438	18	Dug Well	2.6	0.9	29.4	7.09	111.5	132	0.2	1.5	1	0.1	0	+++	+++	SWLF 1.6m
S033M	Prey Chhor	Lvea	Lvea	16.May.01	1332224	520277	15	Borehole	45.0		30.7	7.03	57.4	-29	1	1	1	0.1	0	++	+	
S033M	Prey Chhor	Lvea	Lvea	16.May.01	1332224	520277	15	Combine	21.3	5.9	29.8	7.37	67.7	90	0.2	2	1	0.1	0	++	+	SWLF 3.5m
S034M	Prey Chhor	Mien	Toul Poun	16.May.01	1332392	533349	23	Borehole	47.0		30.0	6.87	146.9	150	0.2	0.6	20	0.1	0.001	++	++	
S034M	Prey Chhor	Mien	Toul Poun	16.May.01	1332392	533349	23	Dug Well	7.4	1.6	27.7	6.97	98.4	150	0.2	2	2	0.1	0	++	++	SWLF 4m
S035M	Prey Chhor	Mien	Krasang Pul	16.May.01	1332494	537616	32	Dug Well	3.0	0.9	29.3	6.95	159.2	137	0.2	0.6	20	0.1	0	+	+++	

Table Results of 2nd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S035M	Prey Chhor	Mien	Krasang Pul	16.May.01	1332494	537616	32	Borehole	52.0		31.4	7.69	94.5	105	0.2	0.5	2	0.1	0	++	-	
S036M	Steung Trang	Me sar Chey	Ou Beng	17.May.01	1359691	546901	56	Borehole	12.0		30.8	6.54	44.5	34	1	0.8	20	0.1	0	++	+	
S036M	Steung Trang	Me sar Chey	Ou Beng	17.May.01	1359691	546901	56	Dug Well	4.9	0.3	29.1	6.91	6.3	113	0.3	0.7	20	0.1	0	++	++	SWLF 4.4m
S038M	Tboung Khmum	Roka Po Pram	Samrum	23.May.01	1337434	575771	50	Combine	14.0		28.5	5.45	23.2	69	2	0.5	5	0.2	0	+++	++	
S038M	Tboung Khmum	Roka Po Pram	Samrum	23.May.01	1337434	575771	50	Dug Well	5.0	4.9	28.2	4.8	13.7	189	0.2	0	5	0.1	0	+++	+++	SWLF 5m
S039M	Memot	Tonlung	Sla	26.May.01	1311858	641737	140	Borehole	30.0		28.1	5.07	1.8	246	0.2	0	1	0.1	0	+++	-	
S040M	Tboung Khmum	Chirou Pir	Srae Siem	23.May.01	1320221	559616	22	Dug Well	6.0	2.4	28.8	7.28	270.0	75	0.2	1	20	0.1	0	+	+	SWLF 5.3m
S040M	Tboung Khmum	Chirou Pir	Srae Siem	23.May.01	1320221	559616	22	Borehole	21.0		29.9	7.29	91.5	-95	2	1	1	0.1	0	+	+	
S041M	Batheay	Chealea	Taing Kraing	15.May.01	1314479	493697	8	Dug Well	9.3	2.9	28.9	6.20	30.7	197	0.2	0.7	1	0.1	0	+++	++	SWLF 4.6m

SWLF: Fluctuation of groundwater level obtained by the interview with villager

Bacteria and Coliform levels measured by pack test: +; Spot numbers 0 - 10 , ++; Spot numbers 10 - 100, +++; Spot numbers 100<

Table Results of 3rd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R008M	Memot	Dar	Dar Lech	30.Aug.01	1303915	619233	55	Dug Well	3.8	3.4	28.3	5.24	7.6	345	0.2	0	5	0.1	0	+++	++	SWLF 2.68m
R009M	Memot	Dar	Dar Phsar	30.Aug.01	1303272	618270	53	Borehole	38.0		28.8	5.01	2.9	601	0.2	0.5	1	0.1	0	-	-	
R011M	Memot	Dar	Prampir Meakkakra	30.Aug.01	1302546	612983	50	Dug Well	5.1	1.5	28.8	6.32	10.1	186	0.2	0.5	5	0.1	0	+++	+++	SWLF 5m
R015M	Memot	Dar	Meaek Puk	30.Aug.01	1310728	614582	88	Dug Well	7.1	5.8	27.2	6.13	52.9	239	0.2	0.5	44	0.1	0	+++	+++	SWLF 2.9m
R016M	Memot	Dar	Srae Chroam	14.Aug.01	1308297	610869	57	Dug Well	3.2			5.26	10.8	265	0.2	0.5	10	0.1	0	+++	++	Village Survey
R017M	Memot	Dar	Chhngar Cheung	30.Aug.01	1308487	621724	120	Dug Well	6.9	6.2	27.5	5.08	2.4	506	0.2	0	1	0.1	0	+++	+++	SWLF 1m
R019M	Memot	Dar	Soumrong Chhueng	29.Aug.01	1305165	622378	70	Dug Well	6.2	3.5	27.2	4.24	16.0	401	0.2	0	10	0.1	0	+++	+++	SWLF 2.8m
R019M(A)	Memot	Dar	Somrong	29.Aug.01	1304261	621900	70	Borehole	43.0		28.1	5.74	4.0	211	0.2	0.5	1	0.1	0	-	-	
R021M	Memot	Dar	Beng	29.Aug.01	1303331	616376	70	Dug Well	6.1	3.6	27.8	5.08	3.3	242	0.2	0.5	2	0.1	0	+++	++	SWLF 0.5m
R033M	Memot	Rung	Soutey	15.Aug.01	1299804	626944	53	Dug Well	6.0			4.97	3.5	284	0.2	0.5	2	0.1	0	++	++	Village Survey
R046M	Memot	Tonlung	Kdol Pular	30.Aug.01	1315592	645953	60	Dug Well	4.2	0.3	27.9	5.36	6.8	208	0.2	0	2	0.1	0	++	+	SWLF 2.5m
R046M	Memot	Tonlung	Kdol Pular	30.Aug.01	1315592	645953	60	Borehole	26.0		27.8	7.11	74.2	28	0.5	0.7	1	0.1	0.02	-	-	
R055M	Memot	Ton Lung	Sla Phnum	30.Aug.01	1311401	642783	152	Dug Well	27.5	24.5	28.5	5.10	2.0	251	0.2	0	1	0.1	0.01	++	++	SWLF 5.4m
R060M	Memot	Rum chak	Kantuot	29.Aug.01	1331792	612336	30	Dug Well	6.1	4.7	27.1	4.60	5.0	304	0.2	0	5	0.1	0	++	++	SWLF 1.3m
R065M(A)	Memot	Rum chak	Sok San	29.Aug.01	1338321	609009		Dug Well	10.5	8.8	28.8	4.81	2.0	273	0.5	0	1	0.1	0.005	+	+	
R071M	Memot	Memot	Tboung Voat	30.Aug.01	1308021	628890	75	Dug Well	7.8	5.3	26.8	4.68	12.1	274	0.2	0.5	5	0.1	0	+++	++	SWLF 1m
R078M	Memot	Memot	Sangkom Mean Chey Chas	30.Aug.01	1307556	626346	66	Dug Well	3.6	1.1	27.4	5.32	6.5	234	0.2	0.5	2	0.1	0	++	+	SWLF 3.8m
R086M	Memot	Tramung	Choam Triek	29.Aug.01	1306826	629919	70	Dug Well	16.5	14.4	28.1	5.26	1.5	256	0.2	0.3	1	0.1	0.005	+++	+++	SWLF 2.8m
R086M	Memot	Tramung	Choam Triek	29.Aug.01	1306826	629919	70	Borehole	39.0		28.7	5.05	2.0	277	0.2	0	1	0.1	0.001	-	-	
R092M	Memot	Tramung	Chhuk	29.Aug.01	1308645	632132	82	Dug Well	6.2	6.0	27.8	5.07	1.7	308	0.2	0.3	1	0.1	0.02	++	+	SWLF 2.2m
R093M	Memot	Tramoung	Ngeu Thom	30.Aug.01	1310002	630806	60	Dug Well	7.0	3.4	27.9	4.70	3.2	278	0.2	0	1	0.1	0.01	+++	+++	
R101M	Memot	Kampoan	Lour	29.Aug.01	1321585	615401	92	Dug Well	4.0	1.1	27.3	5.75	6.2	173	0.2	0.5	1	0.2	0	+++	+++	SWLF 1.1m
R102M	Memot	Kampoan	Kampoan	30.Aug.01	1318837	619763	95	Dug Well	5.0	2.2	28.0	4.68	12.2	285	0.2	0.3	10	0.1	0	++	++	
R102M	Memot	Kampoan	Kampoan	30.Aug.01	1318837	619763	95	Borehole	24.0		28.6	5.07	1.8	281	0.2	0.3	1	0.1	0	-	-	
R106M	Memot	Kampoan	Tuek Tum	29.Aug.01	1324597	620921	75	Dug Well	25.0	23.7	28.4	5.06	2.2	280	0.2	0.5	1	0.1	0	+++	++	
R106M	Memot	Kampoan	Tuek Tum	29.Aug.01	1324597	620921	75	Borehole	42.0		28.6	5.44	3.0	238	0.2	0	1	0.1	0	-	-	
R115M	Memot	Kokir	Kugaok	29.Aug.01	1315838	617645	115	Dug Well	5.8	3.7	26.9	4.84	6.0	302	0.2	0.5	5	0.1	0	+++	+++	SWLF 2.9m
R117M	Memot	Kokir	Salang Ti Bei	30.Aug.01	1313631	618477	183	Dug Well	12.0	5.4	26.8	4.90	12.2	310	0.2	0	7	0.1	0	++	+	SWLF 7m
R124M	Memot	Choam Ta Mau	Sampov Lum	29.Aug.01	1317153	633421	32	Dug Well	4.5	2.0	27.5	4.87	3.7	299	0.2	0	5	0.1	0	+++	++	SWLF 3.5m
R126M	Memot	Choam Ta Mau	Kantuot	29.Aug.01	1311618	635820	79	Dug Well	13.0	11.5	27.3	5.45	9.3	243	0.2	0	5	0.1	0	+++	+++	SWLF 1m
R127M	Memot	Choam Ta Mau	Angkam	29.Aug.01	1315359	632464	40	Dug Well	6.0	3.3	27.8	4.90	4.6	288	0.2	0.5	2	0.1	0	+++	+++	
R171M	Ponhea Kraek	Popel	Khsak	28.Aug.01	1307703	592074	27	Dug Well	4.8	1.8	27.8	4.90	17.5	263	0.2	0.5	8	0.1	0	+++	+++	SWLF 2.7m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	28.Aug.01	1300424	578599	16	Dug Well	4.0	3.7	27.8	5.66	52.5	190	0.2	0.5	5	0.2	0	++	++	SWLF 5m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	28.Aug.01	1300424	578599	16	Borehole	12.0		28.0	4.85	7.8	148	4	0.5	1		0.005	-	-	
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	28.Aug.01	1307317	586790	18	combined	26.9	0.3	28.6	6.93	180.1	76	0.2	1	1	0.2	0	+++	++	SWLF 3.8m
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	28.Aug.01	1307317	586790	18	Borehole	34.0		29.4	6.46	26.6	-2	4	0.5	1		0	+	-	
R207M	Kaoh Sothin	Pongro	Pak Nam	31.Aug.01	1313501	546389	9	Dug Well	8.3	0.0	28.7	6.85	89.6	118	0.2	2	2	0.1	0	+++	+++	SWLF 5.8m

Table Results of 3rd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R207M	Kaoh Sothin	Pongro	Pak Nam	31.Aug.01	1313501	546389	9	Borehole	24.0		28.6	7.21	43.0	-140	10	0.7	1		0.01	-	-	
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	31.Aug.01	1309183	545416	9	Dug Well	4.5	0.0	28.7	7.07	141.6	63	0.2	2	44	0.5	0	++	+	
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	31.Aug.01	1309183	545416	9	Borehole	40.0		28.9	6.72	65.7	23	0.5	1.5	1	0.1	0	+++	+++	
R210M(A)	Ou Reang Ov	Mien	Thma Samlieng	18.Aug.01	1305031	549375	9	Dug Well	7.0	3.8	28.3	7.00	135.9	-23	0.2	0.8	1	0.1	0.005	+++	++	
R210M(A)	Ou Reang Ov	Mien	Thma Samlieng	18.Aug.01	1305031	549375	9	Borehole	43.0		29.6	6.77	38.6	-27	0.5	0.5	1	0.1	0	+	+	
R214M	Steung Trang	Preak Kak	Toul pou	16.Aug.01	1358213	554231	17	Dug Well	3.6	1.6	27.0	6.11	30.2	226	0.2	0.5	5	0.5	0.003	+	-	SWLF 1.8m
R214M	Steung Trang	Preak Kak	Tuol Pou	16.Aug.01	1358213	554231	17	Borehole	22.0		28.3	6.40	18.2	135	0.2	0.5	1	0.1	0.001	-	-	
R227M	Dambae	Chong Cheach	Cheach Cheung	28.Aug.01	1317244	593744	31	Dug Well	4.0	1.8	28.3	5.54	18.1	202	0.2	0	9	0.1	0	+	+	SWLF 2.3m
R233M(A)	Krouch Chhmar	Trea	Kdol Leu	17.Aug.01	1357714	561901	17	Dug Well		6.0	28.2	6.86	28.5	19	0.2	0.5	1	0.1	0	+++	++	
R233M(A)	Krouch Chhmar	Trea	Kdol Leu	17.Aug.01	1357714	561901	17	Borehole	22.0		29.6	6.75	63.9	-133	10<	2	1		0.003	+	-	
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	17.Aug.01	1356873	569955	17	Dug Well	11.0	4.3	27.5	6.93	110.6	32	0.2	0.7	10	0.1	0	+++	+++	SWLF 0.5m
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	17.Aug.01	1356873	569955	17	Borehole	24.0		28.7	7.11	74.5	-136	10<	0.8	1		0.4	+++	++	
R248M(A)	Krouch Chhmar	Krouch Chhmar	Khsach Prachhen Leu	17.Aug.01	1359334	566279	17	Borehole	20.0		28.9	6.67	85.3	33	0.5	0.7	5	0.3	0.002	+	-	
R264M	Tboung Khmum	Kor	Veal Khmum	21.Aug.01	1325384	577393	25	Dug Well	7.7	4.2	28.3	5.13	7.7	212	0.2	0	1	0.1	0	+++	+++	SWLF 2.9m
R269M	Tboung Khmum	Mong Rieng	Mong Ti Prampi	17.Aug.01	1315961	568067	18	Dug Well	4.0	0.9	28.1	6.26	17.2	219	0.2	0.5	2	0.1	0.005	+++	++	
R272M	Tboung Khmum	Orgun Chaem	Trapaing Chrek	21.Aug.01	1311779	578599	17	Dug Well	5.0	1.9	28.3	6.49	81.9	191	0.2	0.5	13	0.1	0	+++	+++	
R273M	Tboung Khmum	Anhchaaeum	Chheu Teak Chrum	21.Aug.01	1310517	579124	17	Dug Well	4.2	0.8	28.2	6.32	51.8	151	0.5	0	1	0.5	0.005	+	+	SWLF 2m
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	21.Aug.01	1314267	575797	18	Dug Well	6.8	2.4	28.1	6.10	55.8	174	0.2	0.5	44	0.1	0	+++	+++	SWLF 5.5m
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	21.Aug.01	1314267	575797	18	Borehole	28.0		29.1	6.58	23.2	175	0.2	0.7	2	0.1	0.02	+	-	
R294M	Tboung Khmum	Thma Pech	Chambak	21.Aug.01	1331094	571984	20	combined	25.6	0.6	28.3	6.19	16.5	201	0.2	1	1	0.1	0	+++	++	SWLF 0.9m
R297M	Tboung Khmum	Roka Po Pram	Trapeang Khla	21.Aug.01	1334833	575326	40	Dug Well	10.0	3.7	27.8	4.97	61.3	281	0.2	0.7	44	0.1	0	+++	+++	SWLF 2m
R299M	Tboung Khmum	Roka Po Pram	Pong Tuek	21.Aug.01	1336670	575695	46	Dug Well	5.4	1.6	27.7	5.64	23.4	213	0.2	0.5	10	0.1	0	+++	+++	SWLF 1.2m
R301M	Tboung Khmum	Tonle Bet	Tonle Bet Kraom	18.Aug.01	1322963	551892	13	combined	50<		27.6	6.95	60.3	-95	8	1	1		0.2	+++	+++	
R303M	Tboung Khmum	Chirou Pir	Mream Teak	17.Aug.01	1318283	561910	21	Dug Well	5.2	1.4	27.4	5.62	10.8	255	0.2	0.5	5	0.1	0	++	++	SWLF 5.0m
R303M	Tboung Khmum	Chirou Pir	Mream Teak	17.Aug.01	1318283	561910	21	Borehole	32.0		29.1	5.58	10.8	250	0.2	0.5	2	0.1	0	-	-	
R306M	Ou Reang Ov	Damrei	Chrey Sokhom	18.Aug.01	1307753	564526	18	Dug Well	4.0	1.8	28.3	5.86	11.9	185	0.2	0.5	2	1.0	0.005	+++	+++	
R306M	Ou Reang Ov	Damrei	Chrey Sokhom	18.Aug.01	1307753	564526	18	Borehole	29.0		28.5	6.93	52.8	31	0.2	0.8	1	0.1	0.005	-	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	18.Aug.01	1301557	555074	13	combined	7.8	4.4	28.5	7.35	159.0	126	0.2	0.8	5	0.1	0	++	+	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	18.Aug.01	1301557	555074	13	Borehole	25.0		30.2	7.07	87.1	22	0.5	0.8	1	0.1	0	+	-	
R328M	Ou Reang Ov	Chak	Trach Chrum	18.Aug.01	1302753	563679	18	Dug Well	4.4	2.7	27.5	7.04	398.0	77	0.2	1.5	1	0.1	0.005	+++	++	
R328M	Ou Reang Ov	Chak	Trach Chrum	18.Aug.01	1302753	563679	18	Borehole	30.0		28.7	6.31	42.0	28	0.5	0.5	1	0.1	0.005	-	-	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	18.Aug.01	1304912	561416	29	Dug Well	6.4	5.6	27.8	7.35	63.2	120	0.2	0.5	10	0.1	0	+	+	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	18.Aug.01	1304912	561416	29	Borehole	30.0		28.9	6.83	34.3	175	0.3	0.5	10	0.1	0	++	++	
R337M	Ou Reang Ov	Toul Sophy	Thma Da Lech	18.Aug.01	1306592	558636	50	Dug Well	7.2	4.7	28.3	5.81	98.4	216	0.3	0.5	5	0.1	0	+++	+++	
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	17.Aug.01	1312948	554050	30	Dug Well	7.3	0.9	30.5	6.56	17.4	136	0.2	0.5	1	0.1	0	+++	+++	SWLF 6.5m
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	17.Aug.01	1312948	554050	30	Borehole	19.0		29.9	7.36	64.5	17	0.2	0.5	1	0.1	0.005	-	-	
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	17.Aug.01	1311282	555432	20	Dug Well	8.0	6.7	28.9	6.37	9.7	172	0.2	0.5	5	0.1	0.01	+++	+++	

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Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	17.Aug.01	1311282	555432	20	Borehole	24.0		29.3	7.47	61.6	67	0.2	0.5	1	0.1	0.005	+	-	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	18.Aug.01	1301995	552331	13	Dug Well	9.3	3.8	28.8	7.11	181.4	66	0.2	0.8	5	0.1	0	+	+	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	18.Aug.01	1301995	552331	13	Borehole	45.0		30.7	6.71	44.7	8	0.2	0.5	1	0.1	0	-	-	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	16.Aug.01	1346846	534521	118	Dug Well	4.7	2.6	27.6	6.46	34.3	162	0.2	0	5	0.1	0.005	++	++	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	16.Aug.01	1346846	534521	118	Borehole	27.0		28.4	7.06	54.4	161	0.2	1	2	0.2	0.005	-	-	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	16.Aug.01	1340509	536759	60	Dug Well	7.0	0.7	29.2	7.29	71.7	82	0.2	0.8	1	0.2	0	++	+	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	16.Aug.01	1340509	536759	60	Borehole	23.0		30.6	7.55	69.4	62	0.2	0.5	1	0.2	0	-	-	
R363M	Chamkar Leu	Lvear Leu	Lvear Cheung	16.Aug.01	1364523	530916	43	Dug Well	6.6	4.4	27.7	5.36	6.2	245	0.2	0.5	5	0.1	0	+	-	SWLF 0.5m
R364M	Chamkar Leu	Ta Ong	Ta Ong	16.Aug.01	1352552	532699	108	Dug Well	22.5	16.0	28.7	6.51	19.0	167	0.2	0.5	5	0.1	0.005	+	-	SWLF 8m
R364M	Chamkar Leu	Ta Ong	Ta Ong	16.Aug.01	1352552	532699	108	Borehole	21.0		28.9	6.21	15.0	206	0.2	0.5	5	0.1	0.005	-	-	
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	16.Aug.01	1358387	530663	58	Dug Well	4.9	0.6	29.3	7.11	106.1	66	0.2	1.5	20	0.1	0	++	+	SWLF 4.5m
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	16.Aug.01	1358387	530663	58	Borehole	36.0		28.5	7.53	69.5	-91	1	0.5	1	0.1	0.02	+	-	
R372M	Cheung Prey	Kok Rovieng	Totoul	14.Aug.01	1327445	498596	10	Borehole	38.7		29.6	6.66	53.5	121	0.2	1	1	0.1	0.005	++	-	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	14.Aug.01	1346016	505892	22	combined	28.2	9.9	30.5	7.28	437.0	-2	0.5	2	1	1.0	0.005	++	+	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	14.Aug.01	1346016	505892	22	Borehole	46.0		31.0	7.17	168.2	77	0.2	1.5	1	1.0	0	-	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	14.Aug.01	1328281	501215	12	Dug Well	5.7	2.5	28.8	6.79	333.0	109	0.2	2	44<	0.1	0	+++	+++	SWLF 4m
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	14.Aug.01	1328281	501215	12	Borehole	12.0		29.5	6.52	283.0	7	2	1	44<		0	-	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	14.Aug.01	1328281	501215	12	Borehole	27.0		30.4	7.30	62.3	93	0.2	1	1					
S001M	Batheay	Sambour	Sambour	14.Aug.01	1312162	483824	8	Dug Well	6.5	5.0	29.7	7.10	160.1	86	0.2	1.5	5	0.1	0.005	+++	+++	SWLF 6.0m
S001M	Batheay	Sambour	Sambour	14.Aug.01	1312162	483824	8	Borehole	22.0		30.2	7.17	158.6	-18	0.7	1.5	5	0.1	0.005	+	-	
S002M	Batheay	Chealea	Chealea	14.Aug.01	1316953	492222	15	Dug Well	5.2	0.7	29.4	7.63	78.5	139	0.2	1.5	1	0.1	0	++	+	SWLF 4.2m
S002M	Batheay	Chealea	Chealea	14.Aug.01	1316953	492222	15	Borehole	44.5		29.6	6.72	131.0	15	1	1.5	5		0	+	-	
S003M	Batheay	Pháv	Tang Boeng	14.Aug.01	1328049	496295	12	Dug Well	9.0	6.3	28.9	6.47	74.0	90	0.2	0.5	10	0.2	0.003	++	++	
S003M	Batheay	Pháv	Tang Boeng	14.Aug.01	1328049	496295	12	Borehole	35.0		30.4	6.69	46.9	-71	7	0.7	1		0.01	+	-	
S004M	Batheay	Cheung Prey	Cheung Prey	14.Aug.01	1333188	496662	16	Dug Well	3.8	1.5	28.0	6.26	156.5	68	0.2	1	5	0.8	0	+++	+++	
S004M	Batheay	Cheung Prey	Cheung Prey	14.Aug.01	1333188	496662	16	Borehole	52.0		29.0	6.34	50.8	-66	10	0.5	1		0.005	-	-	
S005M	Batheay	Trab	Thkov	14.Aug.01	1342090	495339	17	Borehole	27.0		30.6	7.05	125.1	28	0.2	1.5	1	0.1	0.005	-	-	
S007M	Chamkar Leu	Ta Ong	Chamroeun Phal	16.Aug.01	1356092	536023	90	Dug Well	5.5	1.2	28.8	6.30	1.8	194	0.2	0.7	20	0.2	0.003	+++	+++	SWLF 4m
S009M	Cheung Prey	Prey Char	Prey Char Leu	14.Aug.01	1328323	509410	12	Dug Well	7.5	5.2	27.7	6.91	154.6	134	0.2	1	10	0.1	0.005	+++	+++	SWLF 3m
S009M	Cheung Prey	Prey Char	Prey Char Leu	14.Aug.01	1328323	509410	12	Borehole	18.0		29.3	6.93	578.0	148	0.2	2	44	0.1	0.02	-	-	
S009M	Cheung Prey	Prey Char	Prey Char Leu	14.Aug.01	1328323	509410	12	Borehole	24.0		29.2	6.88	821.0	127	0.2	2	44	0.1	0.02			
S009M(A)	Cheung Prey	Prey Char	Pnov-Lech	14.Aug.01	1331275	509203	12	Borehole	38.0		29.1	6.86	49.1	121	0.2	1	1	0.2	0.01	-	-	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	14.Aug.01	1337704	507236	19	Dug Well	4.3	3.7	28.5	5.38	6.1	193	0.7	0.0	1	0.2	0.005	+++	++	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	14.Aug.01	1337704	507236	19	Borehole			31.5	6.51	23.0	-131	10<	0.5	1		0.005	-	-	
S011M	Cheung Prey	Sampong Chey	Trapaing Chhuk	14.Aug.01	1344728	514197	19	combined	26.0	4.1	29.8	6.95	71.0	115	0.2	0.5	1	0.1	0	+	-	SWLF 5m
S012M	Dambae	Dambae	Dambae	28.Aug.01	1328631	586268	40	Dug Well	6.7	5.5	28.7	5.47		147	0.2	0	2	0.1	0.005	+	+	SWLF 5.6m
S013M	Dambae	Kouk Srok	Kouk Char	28.Aug.01	1323829	589624	30	Dug Well	5.9	1.4	28.2	5.71	11.9	227	0.2	0.3	5	0.1	0.01	++	++	SWLF 5.1m

Table Results of 3rd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S013M	Dambae	Kouk Srok	Kouk Char	28.Aug.01	1323829	589624	30	Borehole	33.0		28.5	5.71	5.2	212	0.2	0.5	1	0.1	0.01	+	+	
S014M	Dambae	Dambae	Chey Samoati	28.Aug.01	1327665	594930	39	Dug Well	4.7	2.5	27.8	4.81	17.9	230	0.2	0	8	0.1	0	++	+	SWLF 3.4m
S015M	Dambae	Dambae	Trapeang Ruessei	28.Aug.01	1331108	592550	32	Dug Well	6.5	2.8	27.6	5.56	53.9	256	0.2	0	44	0.1	0.01	+++	+	SWLF 5.2m
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	16.Aug.01	1327000	550111	15	Dug Well	13.2	3.8	29.4	6.70	26.7	156	0.2	0.5	5	0.1	0.005	+++	+++	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	16.Aug.01	1327000	550111	15	Borehole	21.0		29.8	6.97	31.1	-21	0.5	0.5	1		0.005	-	-	
S018M	Kg. Siem	Ampil	Banteay Thmei	15.Aug.01	1328866	545621	17	Dug Well	5.8	4.6	28.0	7.21	52.9	141	0.2	0.8	10	0.1	0	+	+	
S018M	Kg. Siem	Ampil	Banteay Thmei	15.Aug.01	1328866	545621	17	Borehole	67.2		29.5	7.60	55.4	132	0.2	1	1	0.2	0.01	+	-	
S019M	Kg. Siem	Tream	Tream	16.Aug.01	1336074	547777	38	Dug Well	8.6	5.8	28.6	7.48	107.2	187	0.2	1.5	2	0.1	0	++	++	
S019M	Kg. Siem	Tream	Tream	16.Aug.01	1336074	547777	38	Borehole	49.0		29.5	7.05	69.0	37	0.2	0.5	1	0.2	0.01	-	-	
S020M	Kg. Siem	Tream	Veal Kriel	16.Aug.01	1337517	547470	32	Dug Well	5.8	2.1	28.8	7.00	74.2	116	0.2	0.7	5	0.1	0	+++	++	
S020M	Kg. Siem	Tream	Veal Kriel	16.Aug.01	1337517	547470	32	Borehole	20.0		29.3	7.12	82.8	100	0.2	0.5	2	0.2	0	+	-	
S021M	Kg. Siem	Ou Svay	Ou Svay	16.Aug.01	1338100	541169	35	Dug Well	7.3	3.2	28.5	7.04	88.5	135	0.2	0.5	5	0.2	0	++	+	
S021M	Kg. Siem	Ou Svay	Ou Svay	16.Aug.01	1338100	541169	35	Borehole	57.0		30.1	6.97	59.0	84	0.2	0	1	0.1	0	-	-	
S022M	Kang Meas	Roka Koyka	Roka Koyka	15.Aug.01	1319591	536857	10	Dug Well	8.5	3.1	27.5	6.55	63.2	248	0.2	0.8	1	0.1	0.005	++	++	
S022M	Kang Meas	Roka Koyka	Roka Koyka	15.Aug.01	1319591	536857	10	Borehole	64.0		29.2	6.73	56.4	-53	1	2	1	0.2	0.01	-	-	
S022M(A)	Kang Meas	Roka Koyka	Pongro	15.Aug.01	1319820	531716	10	Dug Well	5.8	3.4	27.4	7.17	200.0	229	0.2	1.5	2	0.1	0.005	+	-	
S023M	Kang Meas	Preak Krabau	Preak Krabau	15.Aug.01	1325921	527923	8	Dug Well	7.5	3.2	29.0	7.11	247.0	122	0.2	1	10	0.1	0	++	+	
S023M	Kang Meas	Preak Krabau	Preak Krabau	15.Aug.01	1325921	527923	8	Borehole	36.0		29.3	6.89	81.4	81	0.2	0.5	1	0.1	0	-	-	
S023M(A)	Kang Meas	Preak Krabau	Pream Khong	15.Aug.01	1325767	529320	10	Borehole	28.0		29.2	6.67	108.1	158	0.2	0.5	20	0.1	0.01	-	-	
S024M	Kang Meas	Pearm Chikang	Damnak chrey	15.Aug.01	1323010	529105	8	Dug Well	6.5	3.0	28.3	6.98	306.0	102	0.2	1.5	10	5.1	0	++	++	SWLF 6m
S024M	Kang Meas	Pearm Chikang	Damnak chrey	15.Aug.01	1323010	529105	8	Borehole	31.0		29.8	7.08	78.5	98	1	0.8	1	5.1	0.01			
S024M	Kang Meas	Pearm Chikang	Damnak chrey	15.Aug.01	1323010	529105	8	Borehole	39.0		30.0	6.99	85.4	113	0.2	1	1	1.0	0.005	+++	+	
S025M	Kang Meas	Preak Koy	Preak Krus	15.Aug.01	1323776	518906	11	Dug Well	7.0	0.0	27.5	7.21	103.7	196	0.2	1	2	0.1	0.005	+++	+++	
S025M	Kang Meas	Preak Koy	Preak Krus	15.Aug.01	1323776	518906	11	Borehole	55.7		27.9	7.30	60.5	208	0.2	1.5	1	1.0	0.01	-	-	
S026M	Krouch Chhmar	Chhuk	Chhuk	21.Aug.01	1343286	580031	20	Dug Well	8.7	7.2	27.2	5.62	9.4	231	0.2	0.5	7	0.1	0	+++	+++	SWLF 2.5m
S026M	Krouch Chhmar	Chhuk	Chhuk	21.Aug.01	1343286	580031	20	Borehole	26.0		28.2	5.46	8.1	229	0.2	0.5	5	0.1	0	-	-	
S028M	Ponhea Kraek	Kreak	Chimoan Kandal	28.Aug.01	1300344	602718	35	Dug Well	3.0	1.1	28.3	5.44	31.8	245	0.2	0.3	10	0.2	0	+++	+++	SWLF 2.3m
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	28.Aug.01	1298986	603160	31	Dug Well	3.7	1.7	28.4	5.41	7.3	227	0.2	0.5	1	0.1	0	+++	++	SWLF 1.3m
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	28.Aug.01	1298986	603160	31	Borehole	26.0		29.1	5.90	9.6	187	0.2	0.5	1	0.1	0	-	-	
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	28.Aug.01	1292699	605218	23	Dug Well	2.6	1.0	28.8	5.72	15.3	204	0.2	0.5	5	0.1	0	+++	+++	SWLF 0.9m
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	28.Aug.01	1292699	605218	23	Borehole	18.0		29.0	5.10	2.7	175	0.2	0	1	0.1	0	++	+	
S031M	Prey Chhor	Kor	Ta Meas	15.Aug.01	1339863	522910	22	Dug Well	5.9	3.4	29.0	7.16	263.0	147	0.2	1	20	0.1	0	++	++	SWLF 4.8m
S031M (A)	Prey Chhor	Kor	Rom Doul	15.Aug.01	1337929	524634	28	Borehole	17.0		30.0	7.08	157.7	-58	1	1	20	0.1	0	-	-	
S032M	Prey Chhor	Boeung Nay	Boeung Nay	15.Aug.01	1342596	519438	18	Dug Well	2.6	0.6	29.5	7.24	117.5	117	0.2	1	1	0.1	0	++	++	SWLF 1.6m
S032M	Prey Chhor	Boeung Nay	Neak Ta Snoeng/ O Chrok	15.Aug.01	1342596	519438	18	Borehole	29.0		29.9	7.33	58.0	84	0.2	0.8	1	0.1	0.005	-	-	
S033M	Prey Chhor	Lvea	Lvea	15.Aug.01	1332224	520277	15	combined	21.3	5.7	29.4	7.88	62.7	72	0.2	0.8	1	0.1	0	++	++	SWLF 3.5m
S033M	Prey Chhor	Lvea	Lvea	15.Aug.01	1332224	520277	15	Borehole	45.0		30.5	7.29	54.8	-68	1	1.5	1	0.1	0	++	++	

Table Results of 3rd Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
			UNIT		m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
			WHO Guide Line												0.3	1.5	50	1.5	0.01			WHO Guide Line
S034M	Prey Chhor	Mien	Toul Poun	15.Aug.01	1332392	533349	23	Dug Well	7.4	0.8	28.1	7.24	99.1	93	0.2	1	2	0.1	0.003	+	+	SWLF 4m
S034M	Prey Chhor	Mien	Toul Poun	15.Aug.01	1332392	533349	23	Borehole	47.0		31.6	7.08	142.9	119	0.2	1	10	0.1	0.01	+	-	
S035M	Prey Chhor	Mien	Krasang Pul	15.Aug.01	1332494	537616	32	Dug Well	3.0	0.4	28.6	7.18	151.3	83	0.2	0.5	10	0.1	0.001	+	+	
S035M	Prey Chhor	Mien	Krasang Pul	15.Aug.01	1332494	537616	32	Borehole	52.0		30.7	7.79	100.0	117	0.2	0.5	10	0.1	0.005	-	-	
S036M	Steung Trang	Soupheas	Dei Kraham	16.Aug.01	1359691	546901	56	Dug Well	4.9	0.6	28.0	6.63	64.7	109	0.2	0.5	20	0.1	0	+++	++	SWLF 4.4m
S036M	Steung Trang	Soupheas	Dei Kraham	16.Aug.01	1359691	546901	56	Borehole	12.0		29.7	6.69	44.2	69	0.5	0.5	10	0.2	0.01	++	-	
S038M	Tboung Khmum	Roka Po Pram	Samrum	21.Aug.01	1337434	575771	50	Dug Well	5.0	2.2	27.5	5.48	20.6	200	0.2	0.3	7	0.1	0.005	+++	+++	SWLF 5m
S038M	Tboung Khmum	Roka Po Pram	Samrum	21.Aug.01	1337434	575771	50	combined	14.0		27.6	6.06	39.2	150	0.2	0.5	10	0.1	0.005	+++	++	
S039M	Memot	Tonlung	Sla	30.Aug.01	1311858	641737	140	Borehole	30.0		28.2	5.07	1.8	268	0.2	0	1	0.1	0.01	-	-	
S040M	Tboung Khmum	Chirou Pir	Srae Siem	21.Aug.01	1320221	559616	22	Dug Well	6.0	1.8	27.6	7.27	261.0	88	0.2	1	5	0.1	0	++	++	SWLF 5.3m
S040M	Tboung Khmum	Chirou Pir	Srae Siem	21.Aug.01	1320221	559616	22	Borehole	21.0		28.7	7.25	94.6	-42	1	0.5	1	0.1	0	+	-	
S041M	Batheay	Chealea	Taing Kraing	14.Aug.01	1314479	493697	8	Dug Well	9.3	2.4	28.7	6.80	44.3	136	0.2	0.5	1	0.1	0.01	++	+	SWLF 4.6m

SWLF: Fluctuation of groundwater level obtained by the interview with villager

Bacteria and Coliform levels measured by pack test: +; Spot numbers 0 - 10 , ++; Spot numbers 10 - 100, +++; Spot numbers 100<

Table Results of 4th Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R008M	Memot	Dar	Dar Lech	23-Nov-01	1303915	619233	55	Dug Well	3.8	3.65	26.5	4.92	11.8	245	0.2	0.0	10	0.1	0	+	+	SWLF 2.68m
R009M	Memot	Dar	Dar Phsar	23-Nov-01	1303272	618270	53	Borehole	38.0		28.8	4.98	1.7	256	0.2	0.0	1	0.1	0	-	-	
R011M	Memot	Dar	Prampir Meakkakra	21-Nov-01	1302546	612983	50	Dug Well	5.1	2.34	26.7	6.64	15.8	172	0.2	0.0	2	0.1	0	+++	++	SWLF 5m
R015M	Memot	Dar	Meaek Puk	23-Nov-01	1310728	614582	88	Dug Well	7.1	3.59	26.1	5.58	55.8	214	0.2	0.5	44	0.1	0	+	+	SWLF 2.9m
R017M	Memot	Dar	Chhngar Cheung	22-Nov-01	1308487	621724	120	Dug Well	6.9	5.39	26.9	4.88	2.3	244	0.2	0.0	1	0.1	0	++	++	SWLF 1m
R019M	Memot	Dar	Soumrong Chhueng	22-Nov-01	1305165	622378	70	Dug Well	6.2	2.32	25.9	4.41	21.7	287	0.2	0.0	20	0.1	0	+	+	SWLF 2.8m
R019M(A)	Memot	Dar	Somrong	22-Nov-01	1304261	621900	70	Borehole	43.0		28.0	5.71	4.1	199	0.2	0.0	1	0.1	0	-	-	
R021M	Memot	Dar	Beng	22-Nov-01	1303331	616376	70	Dug Well	6.1	3.18	27.4	5.04	3.2	225	0.2	0.0	2	0.1	0	+	+	SWLF 0.5m
R046M	Memot	Tonlung	Kdol Pular	22-Nov-01	1315592	645953	60	Borehole	26.0		27.7	6.98	76.9	-10	0.5	0.7	1>	0.1	0	+++	+	
R046M	Memot	Tonlung	Kdol Pular	22-Nov-01	1315592	645953	60	Dug Well	4.2	1.50	26.8	5.43	6.6	204	0.2	0.0	1>	0.1	0	++	+	SWLF 2.5m
R055M	Memot	Ton Lung	Sla Phnum	22-Nov-01	1311401	642783	152	Dug Well	27.5	20.0	28.1	5.41	3.1	211	0.2>	0.0	1>	0.1	0	++	++	SWLF 5.4m
R060M	Memot	Rum chak	Kantuot	22-Nov-01	1331792	612336	30	Dug Well	6.06	3.45	26.1	4.60	6.1	281	0.2	0.5	5	0.1	0	+++	+++	SWLF 1.3m
R065M	Memot	Rum chak	Rum chak	22-Nov-01	1340914	611560	23	Dug Well	5.92	2.90	26.7	4.60	8.8	278	0.2	0.0	6	0.1	0	++	+	
R065M(A)	Memot	Rum chak	Sok San	22-Nov-01	1338321	609009		Dug Well	10.5	7.10	26.4	4.70	3.4	279	0.2>	0.0	1	0.1	0	+	+	
R071M	Memot	Memot	Tboung Voat	23-Nov-01	1308021	628890	75	Dug Well	7.8	4.67	26.5	4.35	12.4	262	0.2	0.0	8	0.1	0	+	+	SWLF 1m
R078M	Memot	Memot	Sangkorn Mean Chey Chas	23-Nov-01	1307556	626346	66	Dug Well	3.6	1.08	26.9	4.43	7.5	259	0.2	0.0	5	0.1	0	+	+	SWLF 3.8m
R086M	Memot	Tramung	Choam Triek	22-Nov-01	1306826	629919	70	Dug Well	16.5	12.95	26.8	4.47	1.6	244	0.2>	0.0	1>	0.1	0	++	++	SWLF 2.8m
R086M	Memot	Tramung	Choam Triek	22-Nov-01	1306826	629919	70	Borehole	39.0		27.8	4.72	2.7	252	0.2	0.0	1	0.1	0	-	-	
R092M	Memot	Tramung	Chhuk	23-Nov-01	1308645	632132	82	Dug Well	6.2	5.30	26.5	4.37	2.3	232	0.2>	0.3	1>	0.1	0	++	+	SWLF 2.2m
R093M	Memot	Tramoung	Ngeu Thom	23-Nov-01	1310002	630806	60	Dug Well	7.0	2.79	26.1	5.27	4.8	211	0.2	0.0	5	0.1	0	+	-	
R101M	Memot	Kampoan	Lour	23-Nov-01	1321585	615401	92	Dug Well	4.0	1.02	25.6	5.73	5.4	164	0.2	0.0	1>	0.1	0	-	-	SWLF 1.1m
R102M	Memot	Kampoan	Kampoan	23-Nov-01	1318837	619763	95	Borehole	24.0		28.1	5.31	2.6	213	0.2	0.0	1>	0.1	0	-	-	
R102M	Memot	Kampoan	Kampoan	23-Nov-01	1318837	619763	95	Dug Well	5.0	1.55	26.8	5.40	13.0	203	0.2>	0.0	5	0.1	0	++	-	
R106M	Memot	Kampoan	Tuek Tum	22-Nov-01	1324597	620921	75	Dug Well	25.0	21.80	28.5	4.96	2.4	275	0.2	0.0	1	0.2	0	+++	+++	
R106M	Memot	Kampoan	Tuek Tum	22-Nov-01	1324597	620921	75	Borehole	42.0		27.5	5.47	3.5	251	0.2	0.7	1	0.1	0	-	-	
R115M	Memot	Kokir	Kugaok	22-Nov-01	1315838	617645	115	Dug Well	5.8	3.06	26.8	4.65	8.9	279	0.2	0.0	10	0.1	0	+	+	SWLF 2.9m
R117M	Memot	Kokir	Salang Ti Bei	21-Nov-01	1313631	618477	183	Dug Well	12.0	2.72	26.3	5.25	12.1	242	0.2	0.0	5	0.1	0	+++	+	SWLF 7m
R124M	Memot	Choam Ta Mau	Sampov Lum	22-Nov-01	1317153	633421	32	Dug Well	4.5	2.55	26.2	4.93	3.9	260	0.2	0.0	5	0.1	0	+++	+++	SWLF 3.5m
R126M	Memot	Choam Ta Mau	Kantuot	22-Nov-01	1311618	635820	79	Dug Well	13.0	9.56	27.2	4.54	9.8	309	0.2	0.0	10	0.1	0	++	++	SWLF 1m
R127M	Memot	Choam Ta Mau	Angkam	22-Nov-01	1315359	632464	40	Dug Well	6.0	3.43	27.1	4.42	3.6	299	0.2	0.0	1	0.1	0	++	++	
R171M	Ponhea Kraek	Popel	Khsak	21-Nov-01	1307703	592074	27	Dug Well	4.8	2.25	26.2	4.69	16.0	265	0.2	0.0	10	0.1	0	+	+	SWLF 2.7m
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	21-Nov-01	1300424	578599	16	Borehole	12.0		27.1	4.32	8.4	199	5	0.0	1		0	-	-	
R174M	Ponhea Kraek	Doun Tei	Pouthiproek Lech	21-Nov-01	1300424	578599	16	Dug Well	4.0	1.48	26.5	5.08	38.8	203	0.2	0.5	5	0.1	0	+	-	SWLF 5m
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	21-Nov-01	1307317	586790	18	Borehole	34.0		28.4	6.34	25.9	-27	5	0.5	1		0.005	-	-	
R180M	Ponhea Kraek	Kandaol Chrum	Sbaek Kueu	21-Nov-01	1307317	586790	18	combined	26.9	0.77	26.6	6.79	110.6	23	0.5	1.0	1	0.2	0	++	++	SWLF 3.8m
R207M	Kaoh Sothin	Pongro	Pak Nam	16-Nov-01	1313501	546389	9	Borehole	24.0		29.0	6.75	42.0	-120	10<	1.5			0.3	-	-	
R207M	Kaoh Sothin	Pongro	Pak Nam	16-Nov-01	1313501	546389	9	Dug Well	8.3	1.78	27.6	6.59	93.0	76	0.2	1.0		0.1	0.01	++	-	SWLF 5.8m

Table Results of 4th Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	16-Nov-01	1309183	545416	9	Dug Well	4.5	1.88	27.1	6.76	126.9	94	0.2	1.0	2	2.0	0.01	+	-	
R210M	Kaoh Sothin	Moha Leaph	Damnak Pring Lech	16-Nov-01	1309183	545416	9	Borehole	40.0		27.8	6.64	63.8	-9	2	1.0	1	0.1	0.005	++	-	
R214M	Steung Trang	Preak Kak	Tuol Pou	15-Nov-01	1358213	554231	17	Borehole	22.0		27.9	6.43	19.3	100	0.2	0.7	1>	0.1	0	+	-	
R214M	Steung Trang	Preak Kak	Toul pou	15-Nov-01	1358213	554231	17	Dug Well	3.6	0.75	25.7	6.11	32.9	74	0.2	0.5	5	0.1	0	+++	++	SWLF 1.8m
R227M	Dambae	Chong Cheach	Cheach Cheung	21-Nov-01	1317244	593744	31	Dug Well	4.0	2.31	26.3	5.65	21.0	215	0.2	0.0	10	0.1>	0	+++	+	SWLF 2.3m
R233M(A)	Krouch Chhmar	Trea	Kdol Leu	16-Nov-01	1357714	561901	17	Dug Well		1.37	26.5	7.25	31.3	37	0.2	0.5	1	0.1	0.01	+++	++	
R233M(A)	Krouch Chhmar	Trea	Kdol Leu	16-Nov-01	1357714	561901	17	Borehole	22.0		27.6	6.84	71.5	-113	10<	2.0	1>		0.9	-	-	
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	16-Nov-01	1356873	569955	17	Dug Well	11.0	1.28	26.1	7.06	127.8	25	0.2	0.5	5	0.1>	0.01	+++	+	SWLF 0.5m
R248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	16-Nov-01	1356873	569955	17	Borehole	24.0		27.5	7.07	79.6	-122	10	1.0	1		0.6	-	-	
R248M(A)	Krouch Chhmar	Krouch Chhmar	Khsach Prachhen Leu	16-Nov-01	1359334	566279	17	Dug Well	8.0	4.14	26.5	7.02	79.6	45	0.2	0.5	5	0.1>	0.01	+++	++	
R248M(A)	Krouch Chhmar	Krouch Chhmar	Khsach Prachhen Leu	16-Nov-01	1359334	566279	17	Borehole	20.0		28.2	6.70	109.0	86	1	0.8	44		0.02	-	-	
R256M	Krouch Chhmar	Kompong Treas	Phum Pram	24-Nov-01	1339128	559639	15	Dug Well	8.0	1.33	27.2	6.57	113.6	120	0.2>	0.5	2	0.1	0	+++	+++	
R256M	Krouch Chhmar	Kompong Treas	Phum Pram	24-Nov-01	1339128	559639	15	Borehole	40.0		28.5	6.91	166.8	-91	10<	1.5	1		0.2	-	-	
R264M	Tboung Khmum	Kor	Veal Khmum	20-Nov-01	1325384	577393	25	Dug Well	7.7	4.51	27.2	4.94	7.1	238	0.2	0.0	2	0.1	0	++	+	SWLF 2.9m
R269M	Tboung Khmum	Mong Rieng	Mong Ti Prampi	16-Nov-01	1315961	568067	18	Dug Well	4.0	0.57	27.7	5.43	14.4	169	0.2	0.0	1	0.1	0.005	++	++	
R272M	Tboung Khmum	Orgun Chaem	Trapaing Chrek	20-Nov-01	1311779	578599	17	Dug Well	5.0	1.45	25.2	6.90	149.2	131	0.5	0.7	5	0.2	0	+++	+++	
R273M	Tboung Khmum	Anhchaaeum	Chheu Teak Chrum	20-Nov-01	1310517	579124	17	Dug Well	4.2	1.01	26.7	5.89	56.3	168	0.2	0.0	1	0.1	0	++	+	SWLF 2m
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	20-Nov-01	1314267	575797	18	Borehole	28.0		27.7	6.64	22.8	102	0.2	0.8	1>	0.1	0	-	-	
R286M	Tboung Khmum	Vihear Luong	Thnal Thmei	20-Nov-01	1314267	575797	18	Dug Well	6.8	2.95	27.0	6.56	66.7	109	0.2	0.5	44	0.1	0	+	+	SWLF 5.5m
R294M	Tboung Khmum	Thma Pech	Chambak	20-Nov-01	1331094	571984	20	combined	25.6	+	27.3	5.42	17.3	147	0.2	0.7	1	0.1	0	+	+	SWLF 0.9m
R297M	Tboung Khmum	Roka Po Pram	Trapeang Khla	20-Nov-01	1334833	575326	40	Dug Well	10.0	2.90	27.4	5.31	71.6	198	0.2	0.0	44	0.1	0	+	+	SWLF 2m
R299M	Tboung Khmum	Roka Po Pram	Pong Tuek	20-Nov-01	1336670	575695	46	Dug Well	5.4	2.22	27.5	5.39	15.3	203	0.2	0.0	9	0.1	0	+	+	SWLF 1.2m
R300M(A)	Tboung Khmum	Tonle Bet	Prek Toch	17-Nov-01	1325631	551772	12	Borehole	35.0		28.1	6.59	37.0	-125	10<	1.5	1		0.8	-	-	
R301M	Tboung Khmum	Tonle Bet	Tonle Bet Kraom	17-Nov-01	1322963	551892	13	combined	50<	2.84	29.1	6.74	57.9	-3	1.5	0.7	1>		0	++	+	
R303M	Tboung Khmum	Chirou Pir	Mream Teak	17-Nov-01	1318283	561910	21	Dug Well	5.2	0.66	26.5	5.94	58.4	187	0.2	0.0	44	0.1	0	+++	+++	SWLF 5.0m
R303M	Tboung Khmum	Chirou Pir	Mream Teak	17-Nov-01	1318283	561910	21	Borehole	32.0		28.0	5.84	17.5	183	0.2	0.5	20	0.1	0	-	-	
R306M	Ou Reang Ov	Damrel	Chrey Sokhom	17-Nov-01	1307753	564526	18	Dug Well	4.0	1.80	28.7	6.15	8.7	136	0.5	0.5	2	0.1	0	++	++	
R306M	Ou Reang Ov	Damrel	Chrey Sokhom	17-Nov-01	1307753	564526	18	Borehole	29.0		28.3	6.95	52.1	13	0.5	0.5	1	0.1	0	-	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	17-Nov-01	1301557	555074	13	Borehole	25.0		29.6	7.22	86.3	7	0.2	0.5	1>	0.1	0	-	-	
R321M	Ou Reang Ov	Kong Chey	Cheung Vat	17-Nov-01	1301557	555074	13	combined	7.8	1.66	27.1	7.47	234.0	44	0.2	0.8	5	0.1	0	++	+	
R328M	Ou Reang Ov	Chak	Trach Chrum	17-Nov-01	1302753	563679	18	Borehole	30.0		28.5	6.59	49.6	20	1	0.0	1	0.1	0.005	-	-	
R328M	Ou Reang Ov	Chak	Trach Chrum	17-Nov-01	1302753	563679	18	Dug Well	4.4	1.17	26.5	6.99	503.0	123	0.2	1.5	1	0.1	0	++	++	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	17-Nov-01	1304912	561416	29	Dug Well	6.4	3.13	26.4	7.25	68.6	118	0.2	0.5	1	0.1	0	++	+	
R336M	Ou Reang Ov	Toul Sophy	Boeung Phlil	17-Nov-01	1304912	561416	29	Borehole	30.0		29.0	7.96	49.9	50	0.2	0.0	1	0.1	0	+	+	
R337M	Ou Reang Ov	Toul Sophy	Thma Da Lech	17-Nov-01	1306592	558636	50	Dug Well	7.2	4.13	28.2	5.74	11.7	172	0.2	0.0	5	0.1	0	+	+	
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	16-Nov-01	1312948	554050	30	Dug Well	7.3	0.73	29.8	6.24	16.9	121	0.5	0.5		0.1	0.005	++	+	SWLF 6.5m
R345M	Ou Reang Ov	Preah Theat	Thmei Leu	16-Nov-01	1312948	554050	30	Borehole	19.0		29.3	7.19	65.8	-21	0.5	0.5		0.1	0	+	-	

Table Results of 4th Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	16-Nov-01	1311282	555432	20	Dug Well	8.0	5.41	28.6	5.56	9.1	192	0.2	0.5	10	0.1	0.005	+	+	
R345M(A)	Ou Reang Ov	Preah Theat	Kbal Tuk	16-Nov-01	1311282	555432	20	Borehole	24.0		28.4	7.40	54.6	47	0.2	0.5		0.1	0.005	-	-	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	17-Nov-01	1301995	552331	13	Dug Well	9.30	2.50	27.4	6.86	210.0	87	0.2	1.0	20	0.1	0	-	-	
R353M	Ou Reang Ov	Ampil Ta Pok	Ampil Tboung	17-Nov-01	1301995	552331	13	Borehole	45.0		29.2	6.62	45.7	27	0.5	0.0	1	0.1	0	++	++	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	15-Nov-01	1346846	534521	118	Dug Well	4.7	2.46	26.5	6.06	32.9	171	0.2	0.5	10	0.1	0.005	+	+	
R354M	Chamkar Leu	Bos Khnor	Bos Khnor	15-Nov-01	1346846	534521	118	Borehole	27.0		27.8	7.03	60.0	113	0.5	0.5	2	0.1	0.002	+	+	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	15-Nov-01	1340509	536759	60	Borehole	23.0		29.4	7.49	71.5	121	0.2	0	1	0.2	0	+	+	
R356M	Chamkar Leu	Bos Khnor	Doun Thi	15-Nov-01	1340509	536759	60	Dug Well	7.0	0.80	27.3	7.13	77.4	105	0.2	0.5	1	0.1	0	+	+	
R363M	Chamkar Leu	Lvear Leu	Lvear Cheung	15-Nov-01	1364523	530916	43	Dug Well	6.6	2.88	27.1	5.59	9.7	210	0.2	0.5	5	0.1>	0	+++	+++	SWLF 0.5m
R364M	Chamkar Leu	Ta Ong	Ta Ong	15-Nov-01	1352552	532699	108	Borehole	21.0		27.9	6.24	15.9	145	0.2>	0.3	10	0.1	0	-	-	
R364M	Chamkar Leu	Ta Ong	Ta Ong	15-Nov-01	1352552	532699	108	Dug Well	22.5	12.23	28.2	6.34	22.0	136	0.2	0.5	10	0.1	0	++	+	SWLF 8m
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	15-Nov-01	1358387	530663	58	Borehole	36.0		27.8	7.49	76.0	-114	3	0.0	1>		0.02	++	++	
R365M(A)	Chamkar Leu	Svay Tep	Tang Krang	15-Nov-01	1358387	530663	58	Dug Well	4.9	0.85	27.7	7.04	106.4	139	0.2	1.5	5	0.1	0	+++	+++	SWLF 4.5m
R372M	Cheung Prey	Kok Rovieng	Totoul	13-Nov-01	1327445	498596	10	Borehole	38.7		29.5	6.68	93.9	78	0.2	0.7	1	0.1	0.005	-	-	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	13-Nov-01	1346016	505892	22	combined	28.2	0.62	27.9	6.32	462.0	96	0.7	0.5	1	0.1	0.01	+++	+++	
R374M	Cheung Prey	Pring Chrum	Pring Chrum	13-Nov-01	1346016	505892	22	Borehole	46.0		29.9	7.00	174.7	-9	0.5	0.5	1	0.1	0.005	-	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	13-Nov-01	1328281	501215	12	Borehole	12.0		25.3	6.46	329.0	-23	5	1.0	44<		0.01	-	-	
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	13-Nov-01	1328281	501215	12	Dug Well	5.7	1.01	27.0	6.84	435.0	30	0.2	1.5	44<	0.1	0.01	+	+	SWLF 4m
R376M	Cheung Prey	Knaor Dambang	Knaor Dambang	13-Nov-01	1328281	501215	12	Borehole	27.0		28.5	7.34	78.8	62	0.2	0.8	1>	0.1	0	-	-	
S001M	Batheay	Sambour	Sambour	13-Nov-01	1312162	483824	8	Borehole	22.0		28.3	7.15	207.0	-27	1	1.5	10		0	-	-	
S001M	Batheay	Sambour	Sambour	13-Nov-01	1312162	483824	8	Dug Well	6.5	1.65	28.3	7.22	212.0	19	0.2	1.0	2		0	++	++	SWLF 6.0m
S002M	Batheay	Chealea	Chealea	13-Nov-01	1316953	492222	15	Borehole	44.5		26.3	6.73	197.0	32	1	1.5	5		0	-	-	
S002M	Batheay	Chealea	Chealea	13-Nov-01	1316953	492222	15	Dug Well	5.2	0.35	26.1	7.60	94.7	90	0.2	1.0	1	0.1	0	+++	+++	SWLF 4.2m
S003M	Batheay	Pháv	Tang Boeng	13-Nov-01	1328049	496295	12	Borehole	35.0		26.0	6.81	62.8	-106	10<	0.5	1		0.01	-	-	
S003M	Batheay	Pháv	Tang Boeng	13-Nov-01	1328049	496295	12	Dug Well	9.0	3.51	26.4	6.27	99.1	169	0.2	0.5	20	0.1	0.005	+++	++	
S004M	Batheay	Cheung Prey	Cheung Prey	13-Nov-01	1333188	496662	16	Borehole	52.0		27.9	6.01	52.1	-61	10	0.5	1		0.02	-	-	
S004M	Batheay	Cheung Prey	Cheung Prey	13-Nov-01	1333188	496662	16	Dug Well	3.8	0.60	26.7	6.05	154.5	54	0.2	1.0	20	0.2	0.01	++	++	
S005M	Batheay	Trab	Thkov	13-Nov-01	1342090	495339	17	Borehole	27.0		28.4	6.92	152.3	61	0.2	1.0	1	0.1	0.005	-	-	
S007M	Chamkar Leu	Ta Ong	Chamroeun Phal	15-Nov-01	1356092	536023	90	Dug Well	5.5	0.65	28.1	6.57	192.1	84	0.2	0.5	20	0.1	0	+++	+++	SWLF 4m
S009M	Cheung Prey	Prey Char	Prey Char Leu	13-Nov-01	1328323	509410	12	Dug Well	7.5	2.67	27.4	6.87	83.1	-11	0.5	1.0	1	0.2	0.03	++	+	SWLF 3m
S009M	Cheung Prey	Prey Char	Prey Char Leu	13-Nov-01	1328323	509410	12	Borehole	18.0		28.6	6.77	567.0	-11	0.5	2.0	44	0.1	0	-	-	
S009M(A)	Cheung Prey	Prey Char	Pnov-Lech	13-Nov-01	1331275	509203	12	Borehole	38.0		29.9	6.55	47.9	72	0.2	0.5	1	0.2	0	-	-	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	13-Nov-01	1337704	507236	19	Borehole	19.0		29.2	5.69	9.5	2	10<	0.0	1		0.005	-	-	
S010M	Cheung Prey	Sdaeung Chey	Sdaeung Chey	13-Nov-01	1337704	507236	19	Dug Well	4.3	0.69	26.6	5.77	14.4	110	1	0.0	1	0.1	0.005	++	++	
S011M	Cheung Prey	Sampong Chey	Trapaing Chhuk	13-Nov-01	1344728	514197	19	combined	26.0	2.51	28.6	6.74	72.6	88	0.2	0.5	1	0.1	0.005	+	+	SWLF 5m
S012M	Dambae	Dambae	Dambae	21-Nov-01	1328631	596268	40	Dug Well	6.7	2.86	28.8	5.81	11.4	225	0.2	0.0	7	0.1	0	++	+	SWLF 5.6m
S013M	Dambae	Kouk Srok	Kouk Char	21-Nov-01	1323829	589624	30	Borehole	33.0		28.0	5.64	6.4	220	0.5	0.0	1>	0.1	0	-	-	

Table Results of 4th Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S013M	Dambae	Kouk Srok	Kouk Char	21-Nov-01	1323829	589624	30	Dug Well	5.9	1.59	26.9	5.81	10.4	202	0.2	0.0	1	0.1	0	++	+	SWLF 5.1m
S014M	Dambae	Dambae	Chey Samoati	21-Nov-01	1327665	594930	39	Dug Well	4.7	2.44	28.3	5.35	21.6	225	0.2	0.5	7	0.1	0	+	-	SWLF 3.4m
S015M	Dambae	Dambae	Trapeang Ruessei	21-Nov-01	1331108	592550	32	Dug Well	6.5	2.56	27.9	5.90	65.9	207	0.2	0.5	20	0.1	0	++	+	SWLF 5.2m
S016M	Dambae	Trapeang Pring	Bang Haeur Khleang	21-Nov-01	1323494	602060	55	Dug Well	7.5	2.25	27.9	7.20	262.0	127	0.2	0.8	44	0.1	0	++	++	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	15-Nov-01	1327000	550111	15	Borehole	21.0		29.2	6.86	32.3	-7	2	0.0	5	0.1	0.005	-	-	
S017M	Kg. Cham	Boeung Kok	Boeung Kok Pi	15-Nov-01	1327000	550111	15	Dug Well	13.2	4.47	28.2	6.68	23.8	360	0.2	0.0	5	0.1	0.005	+++	+++	
S018M	Kg. Siem	Ampil	Banteay Thmei	14-Nov-01	1328866	545621	17	Borehole	67.2		28.2	7.49	72.8	135	0.2	0.7	1>	0.1	0	-	-	
S018M	Kg. Siem	Ampil	Banteay Thmei	14-Nov-01	1328866	545621	17	Dug Well	5.8	3.98	26.5	7.27	108.9	164	0.2	0.7	20	0.1	0	+	+	
S019M	Kg. Siem	Tream	Tream	15-Nov-01	1336074	547777	38	Borehole	49.0		29.3	6.96	74.0	7	0.5	0.5	1	0.2	0	-	-	
S019M	Kg. Siem	Tream	Tream	15-Nov-01	1336074	547777	38	Dug Well	8.6	0.63	27.9	7.08	111.1	64	0.2	1.0	2	0.1	0	++	+	
S020M	Kg. Siem	Tream	Veal Kriel	15-Nov-01	1337517	547470	32	Dug Well	5.8	0.95	27.8	6.71	68.3	108	0.2	0.5	5	0.1	0	++	++	
S020M	Kg. Siem	Tream	Veal Kriel	15-Nov-01	1337517	547470	32	Borehole	20.0		29.4	6.92	82.3	40	0.2	0.0	2	0.1	0	-	-	
S021M	Kg. Siem	Ou Svay	Ou Svay	15-Nov-01	1338100	541169	35	Dug Well	7.3	1.59	27.6	7.11	150.5	85	0.2	0.5	1	0.2	0	+	+	
S021M	Kg. Siem	Ou Svay	Ou Svay	15-Nov-01	1338100	541169	35	Borehole	57.0		29.8	6.86	61.3	57	0.2	0.0	1	0.1	0	-	-	
S022M	Kang Meas	Roka Koyka	Roka Koyka	14-Nov-01	1319591	536857	10	Borehole	64.0		28.4	6.64	62.2	-46	2	1.0	1	0.5	0.005	-	-	
S022M	Kang Meas	Roka Koyka	Roka Koyka	14-Nov-01	1319591	536857	10	Dug Well	8.5	2.40	26.7	6.57	68.2	84	0.2	0.0	1	0.1	0.005	++	++	
S022M(A)	Kang Meas	Roka Koyka	Pongro	14-Nov-01	1319820	531716	10	Dug Well	5.8	0.82	26.2	7.12	223.0	129	0.2	1.0	5	0.1	0	++	++	
S023M	Kang Meas	Preak Krabau	Preak Krabau	14-Nov-01	1325921	527923	8	Dug Well	7.5	1.57	27.5	6.82	282.0	92	0.2	1.0	20	0.5	0	+++	++	
S023M	Kang Meas	Preak Krabau	Preak Krabau	14-Nov-01	1325921	527923	8	Borehole	36.0		28.8	6.92	86.3	73	0.2	0.5	1	0.1	0	-	-	
S023M(A)	Kang Meas	Preak Krabau	Pream Knong	14-Nov-01	1325767	529320	10	Borehole	28.0		28.6	6.69	109.3	106	0.2	0.5	20	0.1	0.005	-	-	
S024M	Kang Meas	Peam Chikang	Damnak chrey	14-Nov-01	1323010	529105	8	Borehole	31.0		29.1	7.01	82.6	-74	1	0.5	1	5.1	0.01	-	-	
S024M	Kang Meas	Peam Chikang	Damnak chrey	14-Nov-01	1323010	529105	8	Dug Well	6.5	0.65	27.7	6.94	656.0	62	0.2	2.0	31	0.2	0.005	++	++	SWLF 6m
S025M	Kang Meas	Preak Koy	Preak Krus	14-Nov-01	1323776	518906	11	Borehole	55.7		28.6	7.17	61.3	88	0.2	1.0	1	1.5	0.005	+	+	
S025M	Kang Meas	Preak Koy	Preak Krus	14-Nov-01	1323776	518906	11	Dug Well	7.0	1.17	28.1	7.07	170.1	132	0.2	1.0	2	0.1	0.005	++	++	
S026M	Krouch Chhmar	Chhuk	Chhuk	20-Nov-01	1343286	580031	20	Dug Well	8.7	5.55	26.4	5.35	10.5	220	0.2	0.0	7	0.1	0	+	-	SWLF 2.5m
S026M	Krouch Chhmar	Chhuk	Chhuk	20-Nov-01	1343286	580031	20	Borehole	26.0		27.7	5.24	8.9	225	0.5	0.0	5	0.1	0	-	-	
S028M	Ponhea Kraek	Kraek	Chimoan Kandal	21-Nov-01	1300344	602718	35	Dug Well	3.0	1.44	25.3	5.22	31.6	221	0.2	0.0	20	0.2	0	+	+	SWLF 2.3m
S029M	Ponhea Kraek	Trapeang Phlong	Trapeang Pring	21-Nov-01	1298986	603160	31	Dug Well	3.7	2.34	26.9	5.11	5.6	248	0.2	0.0	1	0.2	0	++	++	SWLF 1.3m
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	21-Nov-01	1292699	605218	23	Borehole	18.0		28.3	4.99	2.6	223	0.5	0.0	1	0.1	0	-	-	
S030M	Ponhea Kraek	Trapeang Phlong	Trapeang Phlong Moy	21-Nov-01	1292699	605218	23	Dug Well	2.6	1.40	26.6	5.42	13.1	221	0.2	0.5	1	0.1	0	+	-	SWLF 0.9m
S031M	Prey Chhor	Kor	Ta Meas	14-Nov-01	1339863	522910	22	Dug Well	5.9	0.70	27.4	7.37	333.0	34	0.2>	0.8	44	0.1>	0	+++	++	SWLF 4.8m
S031M (A)	Prey Chhor	Kor	Rom Doul	14-Nov-01	1337929	524634	28	Borehole	17.0		29.7	7.20	186.8	3	0.5	0.8	20	0.1	0.005	-	-	
S032M	Prey Chhor	Boeung Nay	Neak Ta Snoeng/ O Chrok	14-Nov-01	1342596	519438	18	Borehole	29.0		28.9	7.41	63.3	11	0.2>	1.0	1>	0.1	0.005	+++	+++	
S032M	Prey Chhor	Boeung Nay	Boeung Nay	14-Nov-01	1342596	519438	18	Dug Well	2.6	0.65	27.4	7.38	163.4	114	0.2	1.0	1	0.1	0	+++	+++	SWLF 1.6m
S033M	Prey Chhor	Lvea	Lvea	14-Nov-01	1332224	520277	15	Borehole	45.0		29.5	7.32	57.6	-96	1	1.0	1	0.1	0.02	++	+	
S033M	Prey Chhor	Lvea	Lvea	14-Nov-01	1332224	520277	15	combined	21.3	6.51	28.7	8.58	52.6	-78	0.2	2.0	1	0.1	0	++	++	SWLF 3.5m
S034M	Prey Chhor	Mien	Toul Poun	14-Nov-01	1332392	533349	23	Borehole	47.0		30.0	7.14	167.0	65	0.2	0.8	20	0.1>	0.005	-	-	

Table Results of 4th Simultaneous Observation in Kg. Cham

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO3	NH4	As	Bac.	Colif.	Remarks
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l			
		WHO Guide Line													0.3	1.5	50	1.5	0.01			WHO Guide Line
S034M	Prey Chhor	Mien	Toul Poun	14-Nov-01	1332392	533349	23	Dug Well	7.4	0.44	26.9	7.38	148.4	76	0.2	0.7	1	0.1	0	++	+	SWLF 4m
S035M	Prey Chhor	Mien	Krasang Pul	14-Nov-01	1332494	537616	32	Dug Well	3.0	1.01	27.4	7.20	187.0	138	0.2	0.5	9	0.1	0	+++	++	
S035M	Prey Chhor	Mien	Krasang Pul	14-Nov-01	1332494	537616	32	Borehole	52.0		30.3	7.83	121.3	68	0.2	0.5	2	0.1	0	-	-	
S036M	Steung Trang	Soupheas	Dei Kraham	15-Nov-01	1359691	546901	56	Dug Well	4.9	0.30	25.9	6.78	29.6	56	0.2>	0.0	1>	0.1>	0	+++	++	SWLF 4.4m
S036M	Steung Trang	Soupheas	Dei Kraham	15-Nov-01	1359691	546901	56	Borehole	12.0		27.6	6.60	23.9	-27	4	0.0	1>		0	-	-	
S038M	Tboung Khmum	Roka Po Pram	Samrum	20-Nov-01	1337434	575771	50	combined	14.0		27.6	5.71	23.1	210	0.2	0.0	10	0.1	0	+++	++	
S038M	Tboung Khmum	Roka Po Pram	Samrum	20-Nov-01	1337434	575771	50	Dug Well	5.0	2.03	26.6	5.57	25.4	218	0.2	0.0	10	0.1	0	++	+	SWLF 5m
S039M	Memot	Tonlung	Sla	22-Nov-01	1311858	641737	140	Borehole	30.0		27.3	5.74	4.5	193	0.2>	0.0	1>	0.1	0	-	-	
S040M	Tboung Khmum	Chirou Pir	Srae Siem	20-Nov-01	1320221	559616	22	Dug Well	6.0	1.18	26.7	6.92	232.0	50	0.2	1.0	20	0.1	0	++	++	SWLF 5.3m
S040M	Tboung Khmum	Chirou Pir	Srae Siem	20-Nov-01	1320221	559616	22	Borehole	21.0		28.8	7.05	94.6	-67	1	0.5	1	0.1	0	-	-	
S041M	Batheay	Chealea	Taing Kraing	13-Nov-01	1314479	493697	8	Dug Well	9.3	1.25	26.0	6.37	35.2	104	0.2	0.0	1>	0.1	0	++	++	SWLF 4.6m

SWLF: Fluctuation of groundwater level obtained by the interview with villager

Bacteria and Coliform levels measured by pack test: +; Spot numbers 0 - 10 , ++; Spot numbers 10 - 100, +++; Spot numbers 100<

Table Results of the 1st Water Quality Observation in Test Wells

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW. Temp	pH	EC	ORP	Fe	F	NO ₃	NH ₄	As	Bac.	Colif.
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l		
		WHO Guide Line													0.3	1.5	50	1.5	0.01		
T035G	Kg.Tralach	Chhuk Sa	Trapeang Khtum	06-Jun-01	1327484	463762	22	Test well	47.0	4.00		6.92	65.6	147	0.2	2.0	1	0.2	0		
T045G	Kg.Tralach	Chres	Prey Pis	30-May-01	1323797	469893	12	Test well	35.0	2.88	28.0	7.03	51.8	124	0.3	0.5	1	0.1	0		
T061G	Kg.Tralach	Taa Chees	Sompoar		1328445	474093	5	Test well													
T082G	Rolea Bier	Prasneb	Prasneb	14-May-01	1361507	439336	23	Test well	62.0	3.61	32.4	7.40	70.0	36	0.3	0.5	1	0.1	0		
T072G	Rolea Bier	Banteay Prel	Tuek Lak		1350033	453771	25	Test well													
T085G	Rolea Bier	Srae Thmei	Chamkar Ta Mau		1353558	463021	12	Test well													
T162G	Samaki mean C	Seedthei	Peareach		1312801	462142	18	Test well													
T168G	Samaki mean C	Tbaeng Khpos	Tbaeng Khpos		1306360	461026	22	Test well													
T189G	Boribour	Ponley	Ponley		1374662	442108	14	Test well													
T197G	Boribour	Trapeang Chan	Kbal Damrei	31-Jul-01	1378464	433667	12	Test well	27.0	3.65	29.9	8.22	28.2	116							
T008M	Memot	Dar	Dar Lech	07-Jun-01	1303915	619233	55	Test well	37.0	12.01		6.06	10.8	221	0.2	0.5	1	0.1	0		
T015M	Memot	Dar	Meaek Pok	07-Jun-01	1310728	614582	88	Test well	25.5	8.60	28.5	8.32	70.2	12	0.2	2.0	1	0.1	0		
T015M	Memot	Dar	Meaek Pok	15-Jun-01	1310728	614582	88	Test well	25.5			7.95	70.7	63	0.2	0.0	1	0.1	0		
T019M	Memot	Dar	Samrong Cheung	13-Jun-01	1305165	622378	70	Test well	25.0	4.17		6.61	9.5	213	0.2	0.0	1	0.1	0		
T046M	Memot	Ton Long	Kdol Phsar	11-Jun-01	1315592	645953	60	Test well	27.5	0.55		7.52	55.1		0.2	1.0	1	0.1	0		
T046M	Memot	Ton Long	Kdol Phsar	21-Jun-01	1315592	645953	60	Test well	27.5			7.35	49.3	151	0.2	0.5	1	0.1	0		
T055M	Memot	Ton Long	Sla Phnom	26-Jun-01	1311401	642783	152	Test well	75.0	28.27		7.31	22.9	91	0.5	1.0	1		0		
T055M	Memot	Ton Long	Sla Phnom	03-Jul-01	1311401	642783	152	Test well	75.0	28.71		6.38	11.6	43	0.2	1.0	1	0.1	0		
T092M	Memot	Tramung	Chhuk	27-Jul-01	1308645	632132	82	Test well	32.0	5.20		6.94	9.1	181	0.2	0.0	1	0.1	0		
T101M	Memot	Kopoan	Lour	27-Jun-01	1321464	615677	92	Test well	40.0	1.60		6.89	36.5	199	0.2	0.8	1	0.1	0		
T115M	Memot	Koky	Kangaok	17-Jun-01	1315838	617645	115	Test well	47.0	7.10		7.80	23.2	132	0.2	0.5	1	0.1	0		
T126M	Memot	Choam Ta Mau	Kantuot	25-Jun-01	1311618	635820	79	Test well	27.0	5.70		7.61	8.9	155	0.2	0.0	1	0.1	0		
T127M	Memot	Choam Ta Mau	Angkam	13-Jun-01	1315359	632464	40	Test well	49.0	5.55		7.41	44.8	161	0.2	0.5	1	0.1	0		
T171M	Ponhea Kraek	Popel	Kheak	08-Jul-01	1307703	592074	27	Test well	40.0	+1.53		5.99	6.4	232	2	0.0	1	0.1	0		
T171M	Ponhea Kraek	Popel	Kheak	26-Jul-01	1307703	592074	27	Test well	41.0		28.5	4.29	5.4	237	0.2	0.0	1	0.1	0		
T214M	Steung Trang	Preaek Kak	Toul Po	17-May-01	1358213	554231	17	Test well	84.0	+0.60	28.6	5.92	20.6	-4	5	1.0	1		0.005		
T214M	Steung Trang	Preaek Kak	Toul Po	28-Jun-01	1358213	554231	17	Test well	84.0	+	29.0	6.25	20.4	27	8	1.0	1		0		
T214M	Steung Trang	Preaek Kak	Toul Po	24-Jul-01	1358213	554231	17	Test well	84.0	+	28.6	5.46	20.3	1	5	1.0	1		0		
T248M	Krouch Chhmar	Svay Khleang	Phum Ti Prammuoy	29-Jul-01	1356873	569955	17	Test well	21.0			7.41	29.3	275	1.5	1.0	44<	0.1	0.005		
T264M	Tboung Khmum	Kor	Veal Khmum	06-Jul-01	1325384	577393	25	Test well	40.0	6.05		6.95	13.9	176	0.2	1.0	1	0.1	0		
T269M	Tboung Khmum	Mong Reav	Mong Ti Prampir	11-Jun-01	1315961	568067	18	Test well	41.0	1.14	29.3	7.24	12.1	69	0.2	0.0	1	0.1	0		
T273M	Tboung Khmum	Anhchaum	Chhau Teal Chrum	08-Jul-01	1310517	579124	17	Test well	23.3	1.76		7.88	50.3	110	0.2	1.0	1	0.1	0		
T321M	Ou Reang Ov	Kang Chey	Cheung Vat		1301557	555074	13	Test well	93.0												
T337M	Ou Reang Ov	Tuol Sophy	Thma Da Lech	25-Jul-01	1306592	558636	50	Test well	38.4	5.03	28.2	8.32	45.7	67	0.2						
T363M	Chamkar Leu	Lvea Leu	Lvea Cheung		1364523	530916	43	Test well	46.0												
T376M	Cheung Prey	Knaor Dambang	Knaor Dambang	11-Jun-01	1328281	501215	12	Test well	25.0	3.46	29.2	7.05	221.0	32	0.2	1.0	31		0		
T376M	Cheung Prey	Knaor Dambang	Knaor Dambang	23-Jul-01	1328281	501215	12	Test well	26.0	6.66	29.5	6.21	216.0	140	0.2	1.0	20	0.1	0		

Table Results of the 2nd Water Quality Observation in Test Wells

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW. Temp	pH	EC	ORP	Fe	F	NO ₃	NH ₄	As	Bac.	Colif.
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l		
		WHO Guide Line													0.3	1.5	50	1.5	0.01		
T035G	Kg.Tralach	Chhuk sa	Trapeang Khtum	18-Oct-01	1327484	463762	22	Test well	47.0	1.17	30.4	7.42	68.1	75	0.2	0.5	1>	0.1>	0	+	+
T045G	Kg.Tralach	Chres	Prey Pis	18-Oct-01	1323797	469893	12	Test well	35.0	2.95	30.6	7.43	43.7	139	0.2	0.5	1	0.1	0	+	+
T061G	Kg.Tralach	Taa Chees	Sompoar	18-Oct-01	1328445	474093	5	Test well	52.0	1.68	29.8	7.46	63.0	-96	1	0.5	1	0.1	0	-	-
T072G	Rolea Bier	Banteay Prel	Tuek Lak	19-Oct-01	1350033	453771	25	Test well	22.0	1.18	28.7	6.92	46.3	147	0.2	3.0	1	0.1	0	+	-
T082G	Rolea Bier	Prasneb	Prasneb	19-Oct-01	1361507	439336	23	Test well	62.0	3.60	30.6	7.63	73.4	-61	0.2	1.7	1	0.1	0.005	++	++
T085G	Rolea Bier	Srae Thmei	Chamkar Ta Mau	19-Oct-01	1353558	463021	12	Test well	24.0	0.31	30.3	7.35	52.3	-62	0.5	0.7	1	0.1	0	-	-
T162G	Samaki mean	Seedthei	Peareach	18-Oct-01	1312801	462142	18	Test well	64.0	2.30	30.0	9.69	87.6	10	0.2>	1.0	1	0.1	0	-	-
T168G	Samaki mean	Tbaeng Khpos	Tbaeng Khpos	18-Oct-01	1306360	461026	22	Test well	34.5	1.75	29.4	6.97	117.3	160	0.2	0.5	5	0.1>	0	+++	+++
T189G	Boribour	Ponley	Ponley	19-Oct-01	1374662	442108	14	Test well	38.0	1.76	29.2	7.64	62.5	87	0.2	2.0	1	0.1	0	-	-
T197G	Boribour	Trapeang Cha	Kbal Damrei	19-Oct-01	1378464	433667	12	Test well	27.0	2.93	28.9	7.24	32.2	130	0.2	0.5	20	0.1	0.01	+	-
T008M	Memot	Dar	Dar Lech	03-Oct-01	1303915	619233	55	Test well	37.0	10.50	28.5	5.85	10.5	186	0.2>	0.5	1	0.1	0	+++	+
T008M	Memot	Dar	Dar Lech	25-Oct-01	1303915	619233	55	Test well	37.0	9.87	28.3	5.61	9.6	180	0.2	0.5	1	0.1	0	++	-
T015M	Memot	Dar	Meaek Pok	04-Oct-01	1310728	614582	88	Test well	25.5	7.55	28.6	7.39	89.7	40	0.2	0.8	1	0.1	0	+	-
T015M	Memot	Dar	Meaek Pok	26-Oct-01	1310728	614582	88	Test well	25.5	6.15	28.0	7.20	90.1	50	0.2	0.8	1	0.1	0	-	-
T019M	Memot	Dar	Samrong Cheung	03-Oct-01	1305165	622378	70	Test well	25.0	2.45	28.2	6.31	17.6	186	0.2>	0.5	1>	0.1	0	-	-
T019M	Memot	Dar	Samrong Cheung	25-Oct-01	1305165	622378	70	Test well	26.0	0.83	28.2	5.92	9.9	186	0.2>	0.0	1>	0.1	0	-	-
T046M	Memot	Ton Long	Kdol Phsar	03-Oct-01	1315592	645953	60	Test well	27.5	+	28.9	6.92	85.3	-18	0.2	0.5	1>	0.1>	0	+	-
T046M	Memot	Ton Long	Kdol Phsar	25-Oct-01	1315592	645953		Test well	27.5	+	28.7	6.95	81.1	-7	0.2	0.5	1>	0.1>	0	-	-
T055M	Memot	Ton Long	Sla Phnom	03-Oct-01	1311401	642783	152	Test well	75.0	28.10	28.8	6.03	12.0	173	0.2>	0.5	1	0.1	0	-	-
T055M	Memot	Ton Long	Sla Phnom	25-Oct-01	1311401	642783	152	Test well	75.0	26.52	28.2	6.10	10.5	159	0.2>	0.5	1	0.1	0	-	-
T092M	Memot	Tramung	Chhuk	04-Oct-01	1308645	632132	82	Test well	32.0	4.84	28.4	5.30	3.8	226	0.2	0.0	1>	0.1	0	++	-
T092M	Memot	Tramung	Chhuk	26-Oct-01	1308645	632132	82	Test well	32.0	4.19	28.4	5.06	3.2	222	0.2>	0.0	1>	0.1	0	-	-
T101M	Memot	Kopoan	Lour	04-Oct-01	1321464	615677	92	Test well	40.0	1.01	28.0	1.90	38.6	80	0.2	0.5	1	0.1	0	+	-
T101M	Memot	Kopoan	Lour	26-Oct-01	1321464	615677	92	Test well	40.0	1.05	28.7	6.61	34.4	-1	0.5	0.8	1>	0.1	0	+	+
T115M	Memot	Koky	Kangaok	04-Oct-01	1315838	617645	115	Test well	46.0	7.65	27.5	6.34	16.8	124	0.2>	0.7	1>	0.1	0	+++	+
T115M	Memot	Koky	Kangaok	26-Oct-01	1315838	617645	115	Test well	47.0	7.25	28.3	6.12	17.2	162	0.2>	0.5	1>	0.1	0	-	-
T126M	Memot	Choam Ta Ma	Kantuot	04-Oct-01	1311618	635820	79	Test well	27.0	11.47	29.1	5.28	5.2	210	0.2>	0.5	1	0.1	0	+	-
T126M	Memot	Choam Ta Ma	Kantuot	26-Oct-01	1311618	635820	79	Test well	28.0	10.39	28.7	4.90	3.9	202	0.2	0.0	2	0.1	0	-	-
T127M	Memot	Choam Ta Ma	Angkam	04-Oct-01	1315359	632464	40	Test well	49.0	4.70	27.8	6.79	67.2	-40	1.5	0.0	1		0	+	-
T127M	Memot	Choam Ta Ma	Angkam	26-Oct-01	1315359	632464	40	Test well	49.0	3.60	27.0	6.77	64.3	-38	1.0	0.2	1		0	-	-
T171M	Ponhea Kraek	Popel	Kheak	03-Oct-01	1307703	592074	27	Test well	40.0	+	28.5	5.66	6.2	206	0.2>	0.0	1>	0.1>	0	-	-
T171M	Ponhea Kraek	Popel	Kheak	25-Oct-01	1307703	592074	27	Test well	41.0	+	27.8	5.22	6.1	200	0.2>	0.0	1>	0.1>	0	-	-
T214M	Steung Trang	Preaek Kak	Toul Po	23-Oct-01	1358213	554231	17	Test well	84.0	+	28.5	6.17	21.3	-2	4	1.0	1		0	-	-
T248M	Krouch Chhma	Svay Khleang	Phum Ti Prammuk	23-Oct-01	1356873	569955	17	Test well	21.0	4.96	28.4	6.53	57.8	-31	3	1.0	1		0.09	+	+
T264M	Tboung Khmur	Kor	Veal Khmum	02-Oct-01	1325384	577393	25	Test well	40.0	5.55	28.3	5.89	15.0	199	0.2	1.0	1	0.1	0	+	-
T264M	Tboung Khmur	Kor	Veal Khmum	24-Oct-01	1325384	577393	25	Test well	41.0	4.27	27.8	6.03	19.0	163	0.2	1.0	1	0.1	0	-	-
T269M	Tboung Khmur	Mong Reav	Mong Ti Prampir	03-Oct-01	1315961	568067	18	Test well	41.0	0.75	29.1	6.03	13.9	135	0.2	0.5	1	0.1	0	+	-
T269M	Tboung Khmur	Mong Reav	Mong Ti Prampir	24-Oct-01	1315961	568067	18	Test well	42.0	0.78	30.1	5.92	12.5	144	0.2	0.5	1	0.1	0	-	-
T273M	Tboung Khmur	Anhchaum	Chheu Teal Chrun	03-Oct-01	1310517	579124	17	Test well	23.3	1.35	28.2	7.41	59.5	6	0.2	0.5	1	0.1	0	-	-

Table Results of the 2nd Water Quality Observation in Test Wells

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW. Temp	pH	EC	ORP	Fe	F	NO ₃	NH ₄	As	Bac.	Colif.
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l		
		WHO Guide Line													0.3	1.5	50	1.5	0.01		
T273M	Tboung Khmur	Anhchaeum	Chheu Teal Chrun	25-Oct-01	1310517	579124	17	Test well	24.3	1.30	28.4	7.36	54.8	-44	0.2	0.7	1	0.1	0	-	-
T321M	Ou Reang Ov	Kang Chey	Cheung Vat	02-Oct-01	1301557	555074	13	Test well	93.0	6.42	30.5	6.97	39.5	755	2	2.0	1>	0.1	0		
T321M	Ou Reang Ov	Kang Chey	Cheung Vat	24-Oct-01	1301557	555074	13	Test well	94.0	6.32	29.7	6.70	39.0	-42	4	0.5	1>		0.01	+	-
T337M	Ou Reang Ov	Tuol Sophy	Thma Da Lech	02-Oct-01	1306592	558636	50	Test well	38.4	4.68	28.4	7.00	51.4	-33	0.2	0.7	1	0.1	0	+	-
T337M	Ou Reang Ov	Tuol Sophy	Thma Da Lech	24-Oct-01	1306592	558636	50	Test well	39.4	3.68	29.5	6.85	46.1	37	0.2	2.0	1	0.1	0	-	-
T363M	Chamkar Leu	Lvea Leu	Lvea Cheung	22-Oct-01	1364523	530916	43	Test well	46.0	3.77	28.0	6.21	18.0	139	0.2>	0.8	1>	0.1	0	+	-
T376M	Cheung Prey	Knaor Dambar	Knaor Dambang	22-Oct-01	1328281	501215	12	Test well	25.0	1.24	28.4	6.84	243.0	107	0.2	2.0	44<	0.1	0	+	-

Table Results of the 3rd Water Quality Observation in Test Wells

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW Temp	pH	EC	ORP	Fe	F	NO ₃	NH ₄	As	Bac.	Colif.
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l		
		WHO Guide Line													0.3	1.5	50	1.5	0.01		
T035G	Kg.Tralach	Chhuk sa	Trapeang Khtum	10-Nov-01	1327484	463762	22	Test well	47.0	1.08	30.1	7.02	67.8	-31	0.5	0.5	1	0.1	0	-	-
T045G	Kg.Tralach	Chres	Prey Pis	10-Nov-01	1323797	469893	12	Test well	35.0	1.39	30.2	6.98	37.7	75	0.2	0.0	2	0.1	0	++	++
T061G	Kg.Tralach	Taa Chees	Sompoar	10-Nov-01	1328445	474093	5	Test well	52.0	2.28	28.3	6.93	62.1	-84	3	0.0	1	0.1	0	-	-
T072G	Rolea Bier	Banteay Prel	Tuek Lak	07-Nov-01	1350033	453771	25	Test well	22.0	0.86	28.4	6.88	51.4	175	0.2	4.0	1	0.1	0.005	-	-
T082G	Rolea Bier	Prasneb	Prasneb	07-Nov-01	1361507	439336	23	Test well	62.0	6.05	30.5	7.33	70.8	-21	0.2	2.0	1	0.1	0.005	-	-
T085G	Rolea Bier	Srae Thmei	Chamkar Ta Mau	10-Nov-01	1353558	463021	12	Test well	24.0	0.54	30.6	7.39	60.7	-72	1	0.0	1		0.005	-	-
T162G	Samaki mean	Seedlhei	Peareach	05-Nov-01	1312801	462142	18	Test well	64.0	1.82	30.4	5.90	10.6	89	0.2	1.0	1	0.2	0.002	-	-
T168G	Samaki mean	Tbaeng Khpos	Tbaeng Khpos	05-Nov-01	1306360	461026	22	Test well	34.5	1.78	29.5	7.06	119.1	121	0.2	0.5	5	0.1>	0.005	-	-
T189G	Boribour	Ponley	Ponley	06-Nov-01	1374662	442108	14	Test well	38.0	1.68	29.8	7.51	69.4	30	0.2	2.0	1	0.2	0.01	-	-
T197G	Boribour	Trapeang Cha	Kbal Damrei	06-Nov-01	1378464	433667	12	Test well	27.0	3.34	29.9	7.40	43.0	-12	0.2	0.5	5	0.1	0.02	-	-
T008M	Memot	Dar	Dar Lech	22-Nov-01	1303915	619233	55	Test well	37.0	9.75	27.9	5.81	9.7	174	0.2	0.5	5	0.1	0	-	-
T015M	Memot	Dar	Meaek Pok	23-Nov-01	1310728	614582	88	Test well	25.5	7.54	28.5	7.17	81.3	29	0.2	0.5	1	0.1	0	-	-
T019M	Memot	Dar	Samrong Cheung	22-Nov-01	1305185	622378	70	Test well	25.0	1.07	27.2	5.95	9.3	197	0.2	0.0	1	0.2	0	-	-
T046M	Memot	Ton Long	Kdol Phsar	22-Nov-01	1315592	645953	60	Test well	27.5	0.21	28.7	7.17	84.5	-8	0.2	0.0	1>	0.1	0	-	-
T055M	Memot	Ton Long	Sla Phnom	22-Nov-01	1311401	642783	152	Test well	75.0	24.32	28.1	6.29	13.1	157	0.2>	0.8	4	0.1	0	-	-
T092M	Memot	Tramung	Chhuk	23-Nov-01	1308645	632132	82	Test well	32.0	4.11	27.8	5.20	2.5	212	0.2>	0.5	1>	0.1	0	-	-
T101M	Memot	Kopoan	Lour	23-Nov-01	1321464	615677	92	Test well	40.0	1.34	27.7	6.94	36.1	17	0.2	0.7	1>	0.1>	0	-	-
T115M	Memot	Koky	Kangaok	22-Nov-01	1315838	617645	115	Test well	46.0	7.71	28.1	6.20	16.3	160	0.2>	0.5	1>	0.1	0	-	-
T126M	Memot	Choam Ta Ma	Kantuot	22-Nov-01	1311618	635820	79	Test well	27.0	10.37	28.0	4.16	3.0	287	0.2	0.0	2	0.1	0	-	-
T127M	Memot	Choam Ta Ma	Angkam	22-Nov-01	1315359	632464	40	Test well	49.0	3.91	27.1	6.78	63.0	-49	2.0	0.0	1		0	-	-
T171M	Ponhea Kraek	Popel	Kheak	21-Nov-01	1307703	592074	27	Test well	40.0	+	28.1	5.51	6.1	188	0.2	0.0	1>	0.1>	0	-	-
T214M	Steung Trang	Preaek Kak	Toul Po	15-Nov-01	1358213	554231	17	Test well	84.0	+	28.2	6.37	20.7	-12	5	0.8	1>		0.001	-	-
T248M	Krouch Chhma	Svay Khleang	Phum Ti Prammuk	16-Nov-01	1356873	569955	17	Test well	21.0	5.99	28.0	6.82	45.5	-57	2.5	1.0	1		0.3	-	-
T264M	Tboung Khmur	Kor	Veal Khmum	20-Nov-01	1325384	577393	25	Test well	40.0	5.33	27.6	5.94	16.0	154	0.2	1.0	1	0.1	0	+	+
T269M	Tboung Khmur	Mong Reav	Mong Ti Prampir	16-Nov-01	1315961	568067	18	Test well	42.0	0.85	29.4	5.77	12.6	161	0.5	0.0	1	0.1	0	-	-
T273M	Tboung Khmur	Anhchaeum	Chheu Teal Chrum	20-Nov-01	1310517	579124	17	Test well	23.3	1.50	27.6	7.28	56.9	-11	0.2	0.0	1>	0.1	0	-	-
T321M	Ou Reang Ov	Kang Chey	Cheung Vat	17-Nov-01	1301557	555074	13	Test well	93.0	6.29	29.1	6.90	42.1	-36	2	0.5	1>		0	-	-
T337M	Ou Reang Ov	Tuol Sophy	Thma Da Lech	17-Nov-01	1306592	558636	50	Test well	38.4	4.12	29.3	6.89	46.8	60	0.2	0.7	1>	0.1	0	-	-
T363M	Chamkar Leu	Lvea Leu	Lvea Cheung	15-Nov-01	1364523	530916	43	Test well	46.0	3.48	28.8	6.51	17.6	169	0.2>	0.7	1>	0.1	0	+	-
T376M	Cheung Prey	Knaor Damban	Knaor Dambang	13-Nov-01	1328281	501215	12	Test well	25.0	1.18	27.2	6.35	273.0	19	0.2	0.7	44<		0	+	-

Table Results of the 4th Water Quality Observation in Test Wells

Well No.	Districts	Communes	Villages	Date	UTM-N	UTM-E	Elevation	Well Type	Well depth	GWL	GW. Temp	pH	EC	ORP	Fe	F	NO ₃	NH ₄	As	Bac.	Colif.
		UNIT			m	m	m		m	m	°C		ms/m	mV	mg/l	mg/l	mg/l	mg/l	mg/l		
		WHO Guide Line													0.3	1.5	50	1.5	0.01		
T035G	Kg.Tralach	Chhuk sa	Trapeang Khtum	13-Dec-01	1327484	463762	22	Test well	47.0	2.10	29.7	7.40	73.5	19	0.2	2.0	1	0.1	0	-	-
T045G	Kg.Tralach	Chres	Prey Pis	13-Dec-01	1323797	469893	12	Test well	35.0	2.04	30.4	7.29	41.9	37	0.2	0.5	2	0.1	0	-	-
T061G	Kg.Tralach	Taa Chees	Sompoar	13-Dec-01	1328445	474093	5	Test well	52.0	3.18	30.0	7.33	66.9	-87	1.5	1.5	1>	0.2	0.005	-	-
T061G	Kg.Tralach	Taa Chees	Sompoar	13-Dec-01	1328445	474093		Filter			29.7	7.54	67.0	6	0.2	0.0	1>	0.1>	0	+	+
T072G	Rolea Bier	Banteay Prel	Tuek Lak	15-Dec-01	1350033	453771	25	Test well	22.0	2.51	28.1	6.87	52.1	146	0.2>	4.5	1	0.1	0.005	-	-
T082G	Rolea Bier	Prasneb	Prasneb	14-Dec-01	1361507	439336	23	Test well	62.0	3.41	30.4	7.63	79.1	-34	0.2	1.5	1>	0.1	0.005	-	-
T085G	Rolea Bier	Srae Thmei	Chamkar Ta Mau	14-Dec-01	1353558	463021	12	Test well	24.0	0.29	29.7	7.29	59.1	-2	0.5	0.5	1>	0.1	0.01	-	-
T085G	Rolea Bier	Srae Thmei	Chamkar Ta Mau	14-Dec-01	1353558	463021		Filter			30.1	7.53	59.2	19	0.2>	0.5	1>	0.1>	0.005	+++	++
T162G	Samaki mean	Seedthei	Peareach	13-Dec-01	1312801	462142	18	Test well	64.0	2.28	29.4	8.87	92.5	10	0.2>	1.0	1>	0.1	0.005	-	-
T168G	Samaki mean	Tbaeng Khpos	Tbaeng Khpos	13-Dec-01	1306360	461026	22	Test well	34.5	2.19	29.6	7.17	127.8	128	0.2>	0.6	7	0.1	0	-	-
T189G	Boribour	Ponley	Ponley	14-Dec-01	1374662	442108	14	Test well	38.0	2.05	29.2	7.60	70.7	-18	0.2>	2.0	1>	0.1	0.005	-	-
T197G	Boribour	Trapeang Cha	Kbal Damrei	14-Dec-01	1378464	433667	12	Test well	27.0	3.96	29.2	7.26	38.0	39	0.2	0.5	5	0.1	0.06	-	-
T197G	Boribour	Trapeang Cha	Kbal Damrei	14-Dec-01	1378464	433667		Filter			28.3	7.46	40.5	36	0.2>	0.5	2	0.1	0.01	+	+
T008M	Memot	Dar	Dar Lech	26-Dec-01	1303905	619234	55	Test well	37.0	10.14	28.8	6.12	9.4	181	0.2	0.3	1>	0.1	0	-	-
T015M	Memot	Dar	Meaek Pok	25-Dec-01	1310728	614582	88	Test well	25.5	7.73	27.7	7.52	82.1	58	0.2	0.5	1	0.1	0	-	-
T019M	Memot	Dar	Samrong Cheung	26-Dec-01	1305165	622378	70	Test well	25.0	1.80	27.3	6.21	11.1	161	0.2	0.5	1>	0.1	0	-	-
T046M	Memot	Ton Long	Kdol Phsar	25-Dec-01	1315381	646177	60	Test well	27.5	1.35	27.7	7.21	76.6	37	0.2	0.5	1>	0.1>	0	-	-
T046M	Memot	Ton Long	Kdol Phsar	25-Dec-01	1315381	646177	60	Filter			29.0	7.43	81.6	28	0.2>	0.3	1>	0.1>	0	+	+
T055M	Memot	Ton Long	Sia Phnom	25-Dec-01	1311712	642832	152	Test well	75.0	23.72	27.9	6.19	9.0	173	0.2>	0.5	1>	0.1>	0	-	-
T092M	Memot	Tramung	Chhuk	27-Dec-01	1308786	631858	82	Test well	32.0	4.22	27.5	4.89	2.3	214	0.2>	0.0	1>	0.1	0	-	-
T101M	Memot	Kopoan	Lour	25-Dec-01	1321464	615677	92	Test well	40.0	1.55	27.1	6.71	33.5	27	0.2	0.6	1>	0.1>	0	-	-
T101M	Memot	Kopoan	Lour	25-Dec-01	1321464	615677	92	Filter			27.1	7.03	36.2	13	0.2>	0.5	1>	0.1>	0	+	+
T115M	Memot	Koky	Kangaok	25-Dec-01	1315852	617546	115	Test well	46.0	8.23	27.6	6.41	16.2	136	0.2>	0.5	1>	0.1	0	-	-
T126M	Memot	Choam Ta Ma	Kantutot	26-Dec-01	1311683	635643	79	Test well	27.0	10.79	28.3	4.98	3.6	210	0.2	0.0	2	0.1	0	-	-
T127M	Memot	Choam Ta Ma	Angkam	26-Dec-01	1315214	632631	40	Test well	49.0	4.30	26.7	7.04	63.8	-29	2	0.0	1	0.2	0.01	-	-
T127M	Memot	Choam Ta Ma	Angkam	26-Dec-01	1315214	632631	40	Filter			25.1	7.21	61.5	32	0.2	0.0	1>	0.1	0	+	-
T171M	Ponhea Kraek	Popel	Kheak	26-Dec-01	1307703	592074	27	Test well	40.0	+	28.3	5.96	6.3	201	0.2>	0.0	1>	0.1>	0	-	-
T214M	Steung Trang	Preaek Kak	Toul Po	18-Dec-01	1358213	554231	17	Test well	84.0	+	28.4	6.54	22.2	-10	4	0.8	1>		0.005	-	-
T214M	Steung Trang	Preaek Kak	Toul Po	18-Dec-01	1358213	554231		Filter			29.1	6.50	21.9	24	2	0.5	1>	0.2	0.005	+	+
T248M	Krouch Chhma	Svay Khleang	Phum Ti Pramm	18-Dec-01	1356873	569955	17	Test well	21.0	8.45	28.6	6.78	38.0	-39	2	1.0	1>	2.0	0.04	-	-
T248M	Krouch Chhma	Svay Khleang	Phum Ti Pramm	18-Dec-01	1356873	569955		Filter			28.7	6.92	38.4	27	0.2	0.8	1	0.1	0.02	++	+
T264M	Tboung Khmur	Kor	Veal Khmum	19-Dec-01	1325384	577393	25	Test well	40.0	5.57	28.2	6.37	18.3	154	0.2	0.7	1>	0.1	0	-	-
T269M	Tboung Khmur	Mong Reav	Mong Ti Prampir	19-Dec-01	1315961	568067	18	Test well	42.0	1.09	29.5	6.23	13.1	169	0.2	0.0	1	0.1	0	-	-
T273M	Tboung Khmur	Anhchaum	Chheu Teal Chru	26-Dec-01	1310559	579119	17	Test well	23.3	2.25	28.5	7.35	54.1	-5	0.4	0.5	1	0.1	0	+	+
T321M	Ou Reang Ov	Kang Chey	Cheung Vat	19-Dec-01	1301557	555074	13	Test well	93.0	7.00	29.6	7.00	47.0	-27	1.5	0.3	1>	0.2	0.01	-	-
T321M	Ou Reang Ov	Kang Chey	Cheung Vat	19-Dec-01	1301557	555074		Filter			28.1	7.04	45.5	53	0.2>	0.0	1>	0.1>	0.005	+	-
T337M	Ou Reang Ov	Tuol Sophy	Thma Da Lech	19-Dec-01	1306592	558636	50	Test well	38.4	4.83	29.2	6.93	48.7	65	0.2	0.8	1>	0.1	0	-	-
T363M	Chamkar Leu	Lvea Leu	Lvea Cheung	17-Dec-01	1364523	530916	43	Test well	46.0	3.97	29.2	6.54	19.7	168	0.2>	0.5	1>	0.1	0	-	-
T376M	Cheung Prey	Knaor Damban	Knaor Dambang	17-Dec-01	1328281	501215	11	Test well	24.0	1.70	28.6	6.81	240.0	159	0.2	1.0	44<	0.2	0	+	+
T376M	Cheung Prey	Knaor Damban	Knaor Dambang	17-Dec-01	1328281	501215	12	Filter			25.8	6.93	230.0	74	0.2	0.8	44<	0.1	0	++	+