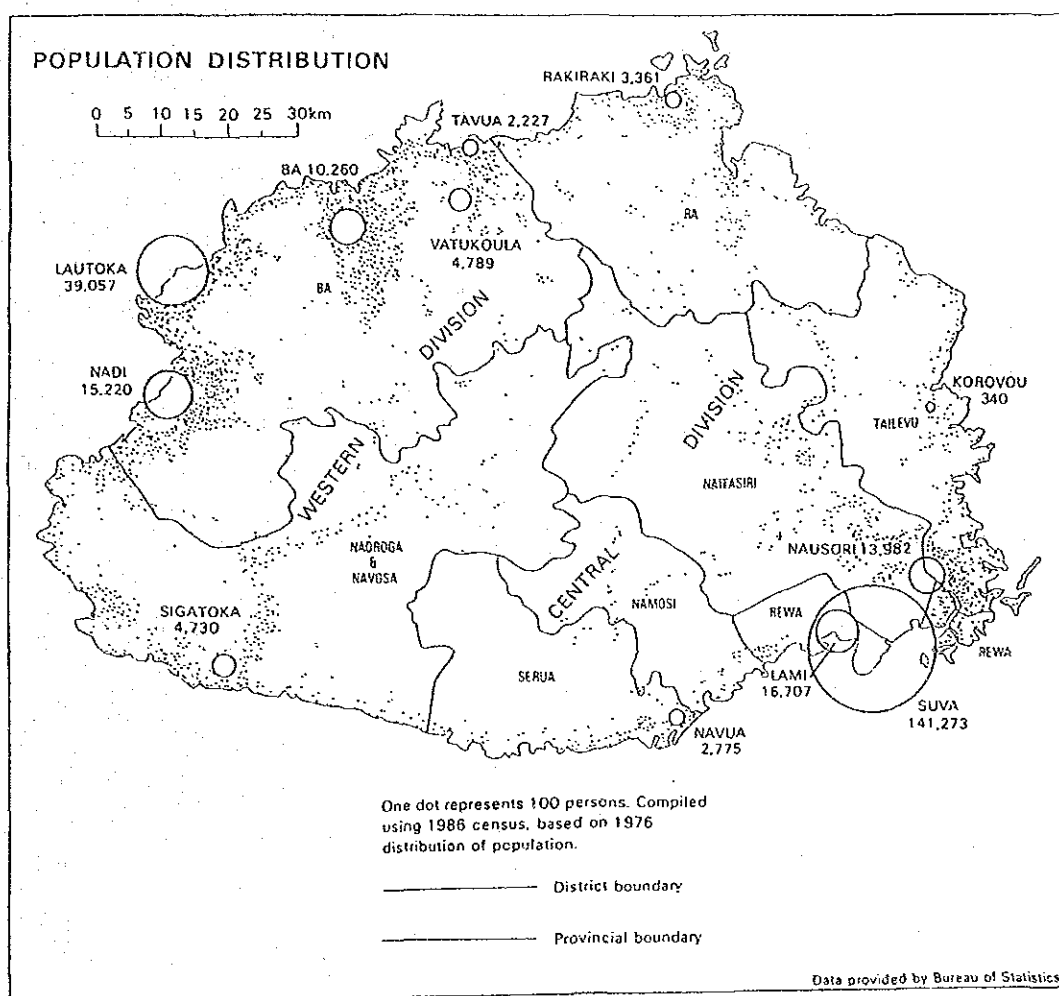


付属資料一11. 全国人口分布図

付属資料－1 1. 全国人口分布图



付属資料—12. 調査対象地域
1986年人口統計

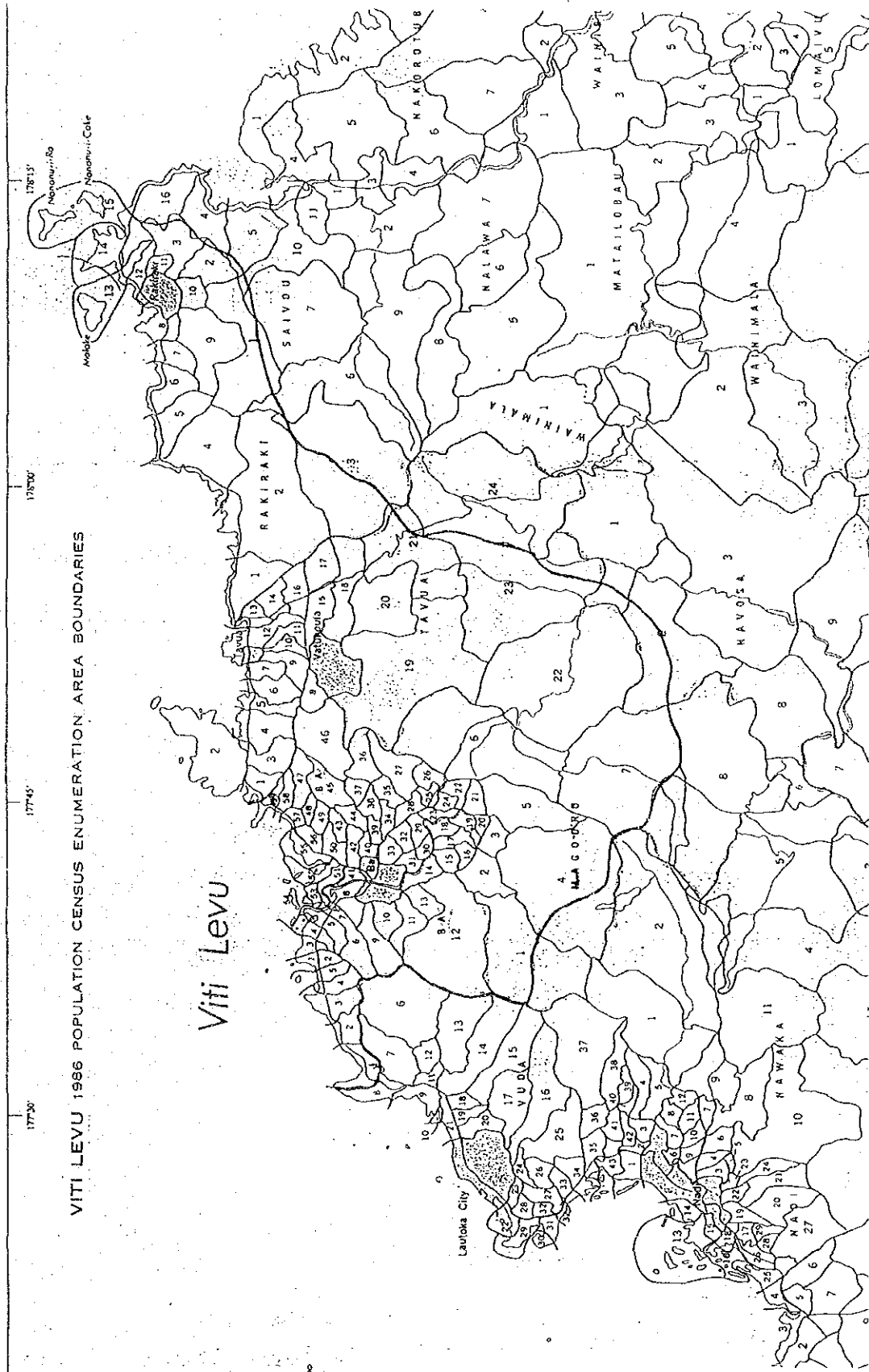


TABLE 2
POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN
AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN	INDIAN	OTHER	TOTAL
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
BA PROVINCE				
BA PROVINCE				
BA PROVINCE				
RURAL EA'S				
01 01 011	32	563	97	595
01 01 021	0	362	64	363
01 01 031	10	392	71	403
01 01 041	125	572	92	697
01 01 051	136	671	113	816
01 01 061	19	303	55	322
01 01 071	602	115	24	717
01 01 081	44	895	157	947
01 01 091	4	675	119	679
01 01 101	24	1024	13	1061
01 01 111	23	210	34	242
01 01 121	81	695	106	777
01 01 131	75	452	69	527
01 01 141	175	70	14	252
01 01 151	19	1019	173	1038
01 01 161	42	489	80	531
01 01 171	32	552	85	584
01 01 181	10	574	94	584
01 01 191	6	642	109	648
01 01 201	27	282	47	309
01 01 211	1	260	41	261
01 01 221	1	570	90	574
01 01 231	94	211	41	311
01 01 241	81	315	56	396
01 01 251	36	339	64	375
01 01 261	102	313	55	420
01 01 271	9	670	97	679
01 01 281	33	198	39	231
01 01 291	11	797	148	808
01 01 301	12	679	121	691
01 01 311	0	515	85	515
01 01 321	0	1018	180	1018
01 01 331	15	779	128	795
01 01 341	49	261	45	311
01 01 351	23	283	49	306
01 01 361	143	485	70	628
01 01 371	0	445	78	445
01 01 381	168	382	62	551
01 01 391	54	570	90	624
01 01 401	3	497	81	501
01 01 411	12	131	31	143
01 01 421	0	810	148	810
01 01 431	1	382	67	383
01 01 441	17	596	131	713
01 01 451	0	687	128	687

TABLE 2 POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN		INDIAN		OTHER		TOTAL	
BA	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
RURAL EA'S								
01 01 461	189	30	591	102	0	0	780	132
01 01 471	3	0	928	153	0	0	931	153
01 01 481	0	0	251	45	0	0	251	45
01 01 491	8	1	218	33	0	0	226	34
01 01 501	114	23	1237	222	7	0	1358	245
01 01 511	76	14	410	87	2	1	488	102
01 01 521	269	44	281	45	0	0	550	89
01 01 531	31	4	376	60	0	0	407	64
01 01 541	857	125	2	1	3	0	862	126
01 01 551	401	57	50	5	7	1	458	73
01 01 561	287	52	362	50	0	0	649	102
01 01 571	150	26	732	116	3	0	885	142
01 01 581	6	2	261	41	1	0	268	43
01 01 591	0	0	302	46	0	0	302	46
01 01 601	157	26	315	47	1	1	473	74
01 01 611	29	6	242	51	28	7	299	64
01 01 621	46	9	335	66	32	7	413	82
01 01 631	14	3	169	31	4	0	187	34
01 01 641	72	13	885	167	6	2	963	182
01 01 651	10	1	448	97	3	1	461	99
01 01 661	103	21	193	44	19	4	315	69
01 01 671	309	41	284	53	37	6	630	100
01 01 681	238	36	61	12	40	6	339	54
01 01 691	62	6	27	6	109	17	198	29
01 01 701	118	14	355	85	9	1	482	100
01 01 711	51	9	143	27	2	0	196	36
01 01 721	53	10	283	61	19	6	355	77
01 01 731	93	17	221	51	7	1	321	69
01 01 741	112	19	260	40	15	3	387	62
01 01 751	89	17	511	98	35	8	635	123
01 01 761	66	10	235	47	33	6	334	63
01 01 771	7	1	520	95	0	0	527	96
01 01 781	46	8	288	57	19	2	353	67
01 01 791	9	1	230	37	4	1	243	39
01 01 801	79	12	437	74	4	1	520	87
01 01 811	136	28	413	73	4	1	553	102
01 01 821	0	0	129	24	0	0	129	24
01 01 831	10	1	82	14	5	1	97	16
01 01 841	73	12	575	108	4	1	652	121
01 01 851	63	12	608	113	0	0	671	125
TOTAL BA TIKINA	6787	1082	37100	6499	529	94	44416	7675

TABLE 2
POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN
AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN				INDIAN		OTHER		TOTAL	
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
MACODRO TIKINA										
RURAL EA'S	418	73	0	0	0	0	8	1	426 ⁱ	74 ^j
01 02 011	104	11	822	150	2	0	2	0	928	161
01 02 012	14	2	650	104	0	0	0	0	664	106
01 02 013	208	27	546	87	0	0	0	0	756	114
01 02 014	412	67	251	34	1	0	0	0	664	101
01 02 015	36	4	710	111	6	1	0	0	752	116
01 02 016	1212	187	27	4	2	0	0	0	1241	191
01 02 017	676	97	0	0	0	0	0	0	676	97
TOTAL MACODRO TIKINA	3080	468	3008	490	19	2			6107	960
NADI TIKINA										
RURAL EA'S	187	33	1350	275	66	21			1603	329
01 03 011	185	28	654	107	3	1			842	137
01 03 012	246	43	570	100	7	2			823	145
01 03 013	3	2	683	106	0	0			686	108
01 03 014	53	6	990	170	0	0			1043	176
01 03 015	21	4	392	73	0	0			413	71
01 03 016	415	66	883	167	24	6			1322	239
01 03 017	27	7	506	96	5	1			538	104
01 03 018	52	7	994	175	0	0			1046	182
01 03 019	42	6	403	70	0	0			445	76
01 03 020	27	4	491	80	1	0			519	84
01 03 021	35	5	506	82	0	0			541	87
01 03 022	315	56	65	11	7	5			387	72
01 03 023	168	27	582	99	6	1			756	127
01 03 024	544	97	84	14	1	0			629	111
01 03 025	458	88	6	2	2	0			466	90
01 03 026	31	5	799	152	11	2			841	159
01 03 027	71	11	1476	293	8	2			1555	306
01 03 028	89	9	640	115	4	0			733	124
01 03 029	32	4	466	76	1	1			499	81
01 03 030	0	0	618	109	7	1			625	110
01 03 031	49	8	805	152	1	0			855	160
01 03 032	462	84	280	45	2	0			744	129
01 03 033	19	4	498	87	0	0			517	91
01 03 034	0	0	654	115	1	0			655	115
01 03 035	31	4	742	138	1	0			774	142
01 03 036	3	0	729	119	1	0			733	119
01 03 037	0	0	584	111	0	0			584	111
01 03 038	22	3	272	44	1	1			295	48
01 03 039	61	10	488	92	44	12			593	114
01 03 040	154	27	177	37	20	4			351	68
URBAN EA'S										

TABLE 2
POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN
AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN				INDIAN		OTHER		TOTAL	
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
URBAN EA'S										
01 03 311	3	1	366	72	6	1	375	74		
01 03 321	7	2	332	74	6	1	345	77		
01 03 322	40	9	248	59	34	7	322	75		
01 03 331	70	12	205	48	13	2	288	62		
01 03 341	137	31	574	126	56	13	767	170		
01 03 351	42	5	152	41	40	9	234	55		
01 03 352	49	13	178	38	64	15	291	66		
01 03 353	136	26	527	101	26	5	689	132		
01 03 361	225	47	786	168	142	37	1153	252		
01 03 371	396	81	951	191	84	26	1431	298		
01 03 381	470	83	114	28	39	8	523	119		
01 03 391	62	9	273	52	10	1	345	62		
01 03 392	214	36	190	48	87	16	491	100		
01 03 393	274	47	333	89	48	7	655	143		
01 03 401	184	38	372	74	1	0	557	112		
01 03 411	627	112	4	1	8	1	639	114		
01 03 421	868	136	25	6	14	2	907	144		
01 03 431	88	16	967	188	18	4	1073	208		
01 03 441	606	99	3	0	8	0	617	99		
TOTAL NADI TIKINA	8300	1452	24987	4716	928	215	34215	6383		
NAVITI TIKINA										
RURAL EA'S										
01 04 011	768	124	1	0	32	7	801	131		
01 04 021	708	146	5	3	0	0	713	149		
01 04 031	928	164	4	1	3	0	935	165		
01 04 041	240	46	3	2	0	0	243	48		
TOTAL NAVITI TIKINA	2644	480	13	6	35	7	2692	493		
NAMAKA TIKINA										
RURAL EA'S										
01 05 011	559	89	0	0	6	1	565	90		
01 05 021	220	31	2	0	1	0	223	31		
01 05 031	1	0	723	129	0	0	724	129		
01 05 041	0	0	552	104	1	1	553	105		
01 05 051	479	73	374	83	7	1	860	157		
01 05 061	20	3	545	101	2	1	567	105		
01 05 071	12	2	417	69	0	0	429	71		
01 05 081	2	1	585	99	1	0	588	100		
01 05 091	303	43	589	92	0	0	892	135		
01 05 101	7	1	542	96	4	1	553	98		

TABLE 2 POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN	INDIAN	OTHER	TOTAL	
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE
RURAL EA'S	158	26	5	1	163
01 05 111	633	96	62	13	695
01 05 121	453	78	3	1	456
01 05 131	48	8	178	39	247
01 05 141	817	136	1379	265	2227
01 05 151	2712	587	5956	1092	9742
TOTAL NAWAKA TIKINA			74	14	1693
TAVUA TIKINA					
RURAL EA'S	166	28	798	132	966
01 06 011	178	22	1022	182	1201
01 06 021	3	0	711	120	718
01 06 031	9	1	1091	182	1101
01 06 041	76	10	768	135	847
01 06 051	24	4	440	78	465
01 06 061	143	23	880	140	1024
01 06 071	0	0	299	46	299
01 06 081	123	28	805	134	932
01 06 091	171	27	332	55	507
01 06 101	227	39	555	104	785
01 06 111	369	64	743	131	1113
01 06 121	356	61	390	77	758
01 06 131	10	2	626	101	637
01 06 141	107	18	1212	191	1321
01 06 151	2	1	462	80	464
01 06 161	13	1	493	85	507
01 06 171	212	35	696	113	909
01 06 181	460	71	394	55	857
01 06 191	427	61	477	72	904
01 06 201	274	52	111	2	287
01 06 211	538	79	131	23	669
01 06 221	549	97	2	0	557
01 06 231	658	115	1	0	665
01 06 241	835	129	47	9	891
01 06 251	51	8	272	53	338
01 06 261	67	17	288	64	385
01 06 271	89	17	487	92	613
01 06 281	376	62	5	1	415
01 06 291	552	95	24	5	634
01 06 301	210	30	17	4	288
01 06 311	203	28	223	39	437
01 06 321	164	28	170	34	447
01 06 331	335	57	26	6	524
01 06 341					94
01 06 351					86
01 06 361					70
01 06 371					47
01 06 381					108
01 06 391					68
01 06 401					54
01 06 411					102
01 06 421					99
01 06 431					118
01 06 441					139
01 06 451					64
01 06 461					88
01 06 471					120
01 06 481					68
01 06 491					108
01 06 501					47
01 06 511					70
01 06 521					86
01 06 531					94

TABLE 2 POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN	INDIAN	OTHER	TOTAL	
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE
URBAN EA'S	416	62	287	64	762
01 06 321	367	60	38	6	426
01 06 331	433	65	20	3	454
01 06 341	115	16	0	0	115
01 06 351	77	14	7	1	287
01 06 361					49
TOTAL TAVUA TIKINA	9385	1527	942	203	25509

VUDA TIKINA

RURAL EA'S	17	4	14	2	739
01 07 011	137	22	1	0	1001
01 07 021	94	16	1	0	1128
01 07 031	18	4	1	0	213
01 07 041	0	0	2	1	721
01 07 051	458	77	25	0	129
01 07 061	16	3	1	0	157
01 07 071	325	67	11	2	731
01 07 081	66	14	0	0	788
01 07 091	323	50	0	0	143
01 07 101	445	75	0	0	564
01 07 111	177	29	6	1	100
01 07 121	26	5	0	0	325
01 07 131	504	82	6	1	50
01 07 141	89	13	10	1	857
01 07 142	20	3	1	0	115
01 07 151	0	0	0	0	851
01 07 161	108	14	0	0	516
01 07 171	37	5	0	0	625
01 07 181	24	3	0	0	103
01 07 191	145	23	8	2	898
01 07 201	55	8	5	0	493
01 07 202	40	9	6	1	229
01 07 211	130	22	6	1	463
01 07 221	445	73	1	0	437
01 07 231	5	1	1	0	74
01 07 241	41	8	1	0	627
01 07 251	15	2	1	0	1107
01 07 261	11	2	0	0	204
01 07 271	17	3	10	3	599
01 07 281	62	13	3	1	771
01 07 282	52	8	2	0	133
01 07 291	72	10	13	2	697
01 07 301	79	12	15	4	130

TABLE 2 POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN	INDIAN	OTHER	TOTAL
BA	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
RURAL EA'S				
01 07 311	12	301	31	344
01 07 321	634	35	8	677
01 07 322	376	753	22	1151
01 07 331	14	508	6	528
01 07 341	224	542	4	770
01 07 351	244	470	4	718
01 07 361	139	319	0	458
01 07 371	298	539	0	837
01 07 381	103	483	6	592
01 07 382	3	520	4	527
01 07 391	14	555	1	570
01 07 401	0	160	0	161
01 07 411	93	924	9	1026
01 07 421	23	588	0	611
01 07 431	689	285	0	974
01 07 432	46	219	3	268
01 07 441	777	121	12	910
01 07 451	188	770	2	960
01 07 452	33	564	2	599
01 07 461	783	1210	188	2181
01 07 462	215	141	17	373
01 07 471	720	1176	16	1912
01 07 472	251	1216	27	1494
01 07 481	571	1301	28	1900
TOTAL VUDA TIKINA	10503	32537	543	43583
YASAWA TIKINA				
RURAL EA'S				
01 08 011	985	0	10	995
01 08 021	756	6	1	763
01 08 031	826	13	44	883
TOTAL YASAWA TIKINA	2567	19	55	2641
LAUTOKA CITY				
URBAN EA'S				
01 09 011	14	237	4	255
01 09 012	55	244	51	350
01 09 021	7	233	10	289
01 09 031	104	345	24	473
01 09 041	19	260	11	290

TABLE 2
POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN
AND NUMBER OF HOUSEHOLDS

ENUMERATION AREA	FIJIAN		INDIAN		OTHER		TOTAL	
	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
URBAN EA'S								
01 09 051	141	21	242	52	195	30	578	103
01 09 052	290	39	4	1	2	0	296	40
01 09 071	87	9	47	12	111	11	245	32
01 09 081	739	112	5	1	28	3	772	116
01 09 091	103	19	276	61	33	6	412	86
01 09 092	26	7	123	29	16	4	165	40
01 09 101	117	19	137	32	29	9	283	60
01 09 102	44	7	298	63	48	8	390	78
01 09 111	236	33	390	73	164	30	790	136
01 09 112	275	47	213	42	39	11	527	100
01 09 121	99	21	173	39	20	4	292	64
01 09 122	183	37	431	80	37	7	651	124
01 09 131	447	79	340	73	35	8	822	160
01 09 132	165	28	247	51	90	16	522	95
01 09 133	173	43	725	162	22	7	920	212
01 09 141	153	27	395	77	56	11	604	115
01 09 142	303	27	297	27	56	6	656	60
01 09 151	95	15	287	49	75	18	457	82
01 09 152	10	2	191	35	19	4	220	41
01 09 161	177	24	212	45	57	14	446	83
01 09 162	159	37	472	107	33	9	664	153
01 09 171	101	17	422	83	82	24	605	124
01 09 172	83	15	575	108	15	3	673	126
01 09 173	118	21	307	63	42	11	467	95
01 09 181	75	16	466	84	32	4	573	104
01 09 182	100	15	232	42	83	12	415	69
01 09 191	267	44	788	150	83	17	1138	211
01 09 192	302	50	890	175	135	23	1327	248
01 09 201	53	9	151	34	55	14	259	57
01 09 211	888	149	1252	246	96	14	2236	409
01 09 212	436	68	563	114	43	9	1042	191
01 09 221	560	75	318	70	46	6	924	151
01 09 231	101	20	587	114	10	1	698	135
01 09 232	80	12	971	194	8	2	1059	208
01 09 233	9	2	471	92	6	2	486	96
01 09 241	178	30	624	129	10	3	812	162
01 09 251	210	36	420	77	12	3	642	116
01 09 252	119	19	404	82	28	5	551	106
01 09 253	96	17	739	128	2	1	837	146
01 09 261	135	24	579	113	60	10	774	147
01 09 262	166	29	666	130	9	2	841	161
TOTAL LAUTOKA CITY	8318	1358	18249	3628	2161	416	28728	5402
TOTAL BA PROVINCE	55296	9090	137051	24967	5286	1059	197633	35116

TABLE 2 POPULATION BY ENUMERATION AREA, ETHNIC ORIGIN AND NUMBER OF HOUSEHOLDS

TABLE 2

ENUMERATION AREA		FIJIAN		INDIAN		OTHER		TOTAL	
RA		PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS	PEOPLE	HOUSE HOLDS
RAKIRAKI TIKINA									
RURAL EA'S	11 03 011	11	1	583	102	2	2	596	105
	11 03 021	135	24	641	112	3	2	779	138
	11 03 031	415	60	12	2	3	0	430	62
	11 03 041	688	132	310	52	25	8	1023	192
	11 03 051	9	2	823	138	0	0	832	140
	11 03 061	428	82	398	60	3	0	829	142
	11 03 071	451	86	154	26	0	0	605	112
	11 03 081	4	1	571	100	0	0	575	101
	11 03 091	310	53	594	94	2	1	906	148
	11 03 101	32	5	792	137	3	1	827	143
	11 03 111	31	5	831	135	2	0	864	140
	11 03 121	14	2	605	105	0	0	619	107
	11 03 131	342	65	59	10	1	0	402	75
	11 03 141	9	2	797	137	1	0	807	139
	11 03 151	41	7	762	120	31	8	834	135
	11 03 161	762	142	273	43	1	0	1036	185
	11 03 171	475	79	5	1	6	0	486	80
	11 03 181	11	2	46	11	26	4	83	17
	11 03 191	32	8	286	54	8	1	326	63
	11 03 201	71	13	401	76	1	0	473	89
	11 03 211	66	11	125	24	33	8	224	43
	11 03 221	188	32	400	84	29	6	617	122
	11 03 231	67	12	357	66	2	2	426	80
	11 03 241	53	10	670	122	3	0	726	132
TOTAL RAKIRAKI TIKINA		4645	836	10495	1811	185	43	15325	2690
SAIVOU TIKINA									
RURAL EA'S	11 04 011	395	76	66	8	7	1	468	85
	11 04 021	268	47	322	49	0	0	590	96
	11 04 031	33	5	805	135	1	0	839	140
	11 04 041	383	61	321	49	1	1	705	111
	11 04 051	335	66	237	39	5	1	577	106
	11 04 061	500	84	1	0	0	0	501	84
	11 04 071	469	76	3	2	2	2	474	80
	11 04 081	627	86	0	0	1	0	628	86
	11 04 091	639	115	0	0	0	0	639	115
	11 04 101	654	99	17	3	3	1	674	103
	11 04 111	438	68	576	89	0	0	1014	157
TOTAL SAIVOU TIKINA		4741	783	2348	374	20	6	7109	1163
TOTAL RA PROVINCE		16271	2818	14730	2502	284	59	31285	5379

付属資料—13. 人件費他価格リスト

1. 民間業者
2. PWD

WILLIAMS ASSOCIATES LTD

QUANTITY SURVEYORS

P.O. BOX 2030 SUVA FIJI

TELEPHONE 301144

DIRECTORS: K. W. WILLIAMS ANDROS
D. W. LEW ANDROS

Dear Sir,

RE : CONTRACT ANALYSIS - SUVA, FIJI

The underlying information has been based on our experience with a variety of building projects over the last 10 years in Fiji.

Preliminaries and General Allowances : varies between 7% - 12% of the contract sum

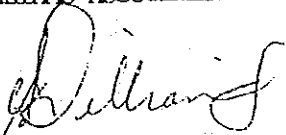
? The margin allowed by the main contractor on nominated sub-contractors : varies between 5% - 10%

Escalations on building costs is estimated as shown :

1990	-	25%
1991	-	12%
1992	-	10%
1993	-	10%

Rate (F\$)

Yours faithfully,
WILLIAMS ASSOCIATES LIMITED


K. WILLIAMS.
KW:st

1990 ⁵EP

FORM E MATERIAL PRICE CONSTRUCTION EQUIPMENT

Item	Unit	Rate (F\$)
<u>Material Price</u>		
1 Cement	Ton	195.00
2 Gravel	M3	35.00
3 Sand	M3	25.00
4 Timber (local)	M3	440.00
5 Timber (foreign)	M3	620.00
6 Rolled steel plate PL-t = 1.5-3	Ton	3500.00
7 Rolled steel plate PL-t = 9-19	Ton	
8 Rolled steel shapes L-	Ton	
9 Rolled steel shapes C-	Ton	
10 Rolled steel shapes I-	Ton	
11 Rolled steel shapes H-	Ton	
12 Rolled steel shapes P-	Ton	
13 Gasoline	litter	
<u>Construction Equipment Rental Fee</u>		
1 Sedan	month	
2 Truck (loading capacity 2 ton)	day	
3 Trailer truck	day	
4 Bulldozer	day	
5 Truck crane	day	
6 Water tank truck	day	
7 Generator set	day	
8 Compressor	day	
9 Temporary office	month	

FORM D LABOUR RATE

Item		Unit	Rate T4	Ability sqm/day, person
<u>Labourer</u>				
1	Common	person/day	15.80	
2	Machine operator	person/day	18.00	
3	Reinforcing bars arrangement	person/day	18.00	
4	Masonry	person/day	18.00	
5	Terrazzo	person/day	18.00	
6	Plasterer	person/day	18.00	
7	Tile layer	person/day	18.00	
8	Sheet metal	person/day	22.50	
9	Welder	person/day	22.50	
10	Painter	person/day	18.00	
11	Glazer	person/day	18.00	
12	Plumbing worker	person/day	22.50	
13	Ducting worker	person/day	22.50	
14	Electrical worker	person/day	24.00	
15	Secretary	person/month	550-800	
16	Clerk	person/month	330-500	
17	Typist	person/month	330-500	
18	Interpreter	person/month	550-840	
19	Driver	person/month	350-400	
20	Houseboy	person/month	180	
21	Housemaid	person/month	180	
22	Cook	person/month	180	
23	Assistant engineer	person/month	750-1000	

FORM A BUILDING WORK UNIT PRICE

Item	Unit	Material Equip Cost	Labour Rate
<u>1 Temporary Work</u>			
1 - 1 Levelling and lay-out	M2		
1 - 2 Temporary enclosure (H=3,000)	M		
1 - 3 Scaffolding for concrete placing	M2		
1 - 4 Scaffolding for interior finishing	M2		
1 - 5 Scaffolding for exterior finishing	M2		
1 - 6 Cleaning	M2		
INCLUDED IN DIRECT RATES			
<u>2 Site Works</u>			
2 - 1 Excavation	BULK M3	4-90	0-67
	TRENCH M3	8-40	2-02
2 - 2 Back filling	M3	2-10	4-05
2 - 3 Disposal surplus soil	M3	6-30	0-67
2 - 4 Grading	M2		
2 - 5 Rubble stone	M3		
2 - 6 Gravel	M3		
2 - 7 Crushed stone	M3		
2 - 8 Shoring	M2	10-50	11-47
2 - 9 Drainage (DEWATERING)	M2		included
<u>3 Concrete</u>			
3 - 1 Levelling concrete	M3	163-80	10-12
3 - 2 Structural concrete	20 MPa M3	179-20	10-12
	25 MPa M3	197-40	10-12
3 - 3 Form for foundation	M2	9-80	12-15
3 - 4 Form for structural concrete	M2	12-60	13-50
3 - 5 Form for faced (exposed) concrete	M2	15-40	14-85

Item	Unit	Material Equip Cost	Labour Rate
3 - 6 Reinforcing bars (plain bar)	Ton	1610-00	607-50
3 - 7 Reinforcing bars (deformed bar)	Ton	1610-00	607-50
<u>4 Masonry</u>			
4 - 1 Hollow concrete block (t=200)	M2	18-40	7-09
4 - 2 Hollow concrete block (t=150)	M2	15-71	7-09
4 - 3 Hollow concrete block (t=100)	M2	12-63	6-07
4 - 4 Terracotta screen block	M2	43-68	6-07
4 - 5 Lintel concrete (t=200)	M	10-75	4-05
4 - 6 Lintel concrete (t=150)	M	8-06	3-71
4 - 7 Lintel concrete (t=100)	M	5-38	3-38
<u>5 Metals</u>			
5 - 1 Structural steel framing	Kg	2-10	2-70
5 - 2 Light gauge structural framing	Kg	2-24	3-71
5 - 3 Structural steel framing for staircase	Kg	2-52	4-72
<u>6 Thermal and Moisture Protection</u>			
6 - 1 (Bituminous membrane) FLINTCOTE Asphalt waterproofing LIQUID	M2	3-92	3-04
6 - 2 Cement mortar waterproofing	M2	5-25	3-71
6 - 3 (Polyvinyl chloride) or Butyl rubber membrane water proofing	M2	56-00	4-05
6 - 4 Oil caulking 10"x10"	M	8-40	2-02
6 - 5 Polysulfide caulking 10"x10"	M	11-20	2-02
6 - 6 Heat insulation material (styrene foam) t=25	M2	33-02	2-02

— 180 —

— 181 —

— 182 —

2 0576
26-174-92

2661 TRUCK COMPANY 1992

[illegible]

DEX - SUPPLY & DELIVERY OF RIVER GRAVEL FOR ROAD WORKS

CONTRACTOR	ADDRESS	PHONE	B A		
			WITHIN 8KM RADIUS	BETWEEN 8KM - 15KM	OVER 15KM RADIUS
TFJ BULLDOZING	BOX 247, BA	674433	5.90	6.50	11.00

DEX - SUPPLY & DELIVERY OF CRUSHED ROCK/RIVER GRAVEL/METAL FOR ROADWORKS

Contractor	Address	Depots	Phone	40MM CRUSHED ROCK		20MM CRUSHED ROCK	
				SUPPLY & LOAD	COST OF TRANSPORT/H3	SUPPLY & LOAD	COST OF TRANSPORT/H3
TFJ BULLDOZING	BOX 247, BA	Ba Ra	674433	10.30	0.20	10.30	0.20
STANDARD CONCRETE	BOX 369, SUVA	Hadi Sigatoka	311433	14.00	0.20	14.00	0.20
DAYAL QUARRIES	BOX 102	Lautoka	674356	10.40	0.20	10.40	0.20

DEW SUPPLY OF READY MIXED CONCRETE 1992

8 Km radius of Rakiraki

CONTRACTOR STANDARD CONCRETE. IND LTD
BOX 369 SUVA PH 311433

Concrete Grade KPa	Nominal max size of aggregate mm	40		20		10	
	Workability	Medium	High	Medium	High	Medium	High
10		148.00	150.00	152.00	156.00	159.00	165.00
15		154.00	158.00	160.00	166.00	169.00	175.00
20		165.00	169.00	169.00	175.00	177.00	188.00
25		174.00	178.00	178.00	184.00	186.00	197.00
30		180.00	184.00	186.00	192.00	198.00	208.00

- (a) Additional charge beyond 8 km rate per m³/km 0.45
 (b) Waiting time chargeable beyond the allowed free time (40min) \$0.15/minute
 (c) Additives: Water resistant agent or retarding agent per m³ \$12.00/14.00
 (d) Pump Mixes: Additional charge per m³ 8.00

DEW SUPPLY OF READY MIXED CONCRETE 1992

8 Km radius of Ba

CONTRACTOR COLONIAL CONCRETE (FIJI) LTD
BOX 247, BA PH : 674565

Concrete Grade KPa	Nominal max size of aggregate mm	40		20		10	
	Workability	Medium	High	Medium	High	Medium	High
10		92.00	96.00	106.00	110.00		
15		115.00	120.00	126.00	132.00		
20		134.00	139.00	142.00	148.00	152.00	158.00
25		145.00	149.00	152.00	156.00	160.00	167.00
30		151.00	156.00	162.00	168.00	174.00	182.00

- (a) Additional charge beyond 8 km rate per m³/km 0.40
 (b) Waiting time chargeable beyond the allowed free time (40min) \$0.20/minute
 (c) Additives: Water resistant agent or retarding agent per m³ \$10.00/13.00
 (d) Pump Mixes: Additional charge per m³ 8.00

8 Km radius of Tavua Water Supply

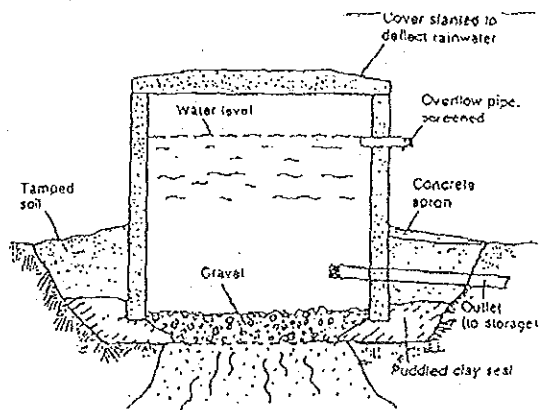
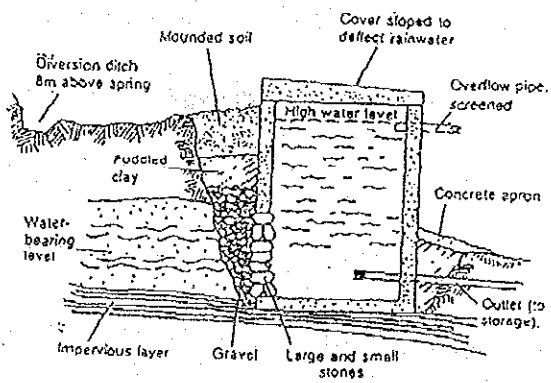
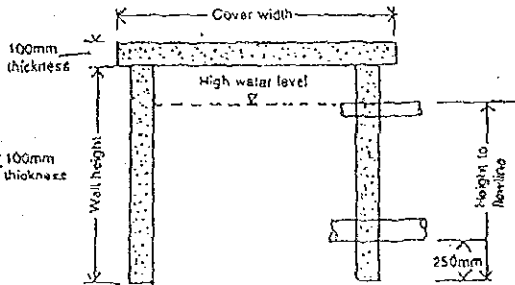
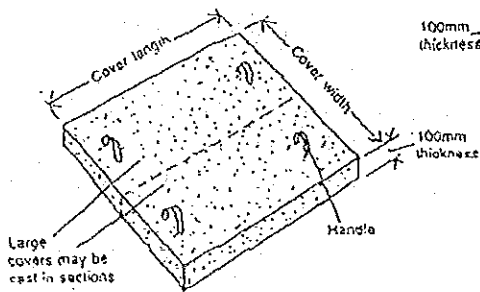
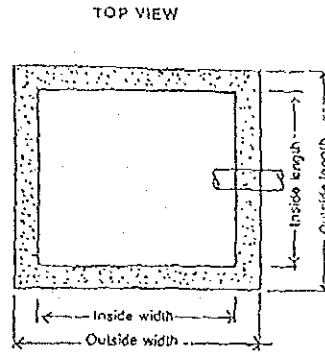
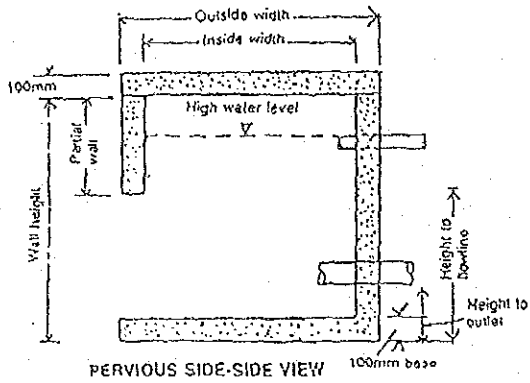
CONTRACTOR COLONIAL CONCRETE (FIJI) LTD
BOX 247, BA PH : 674565

Concrete Grade KPa	Nominal max size of aggregate mm	40		20		10	
	Workability	Medium	High	Medium	High	Medium	High
10		96.00	112.00	126.00	130.00		
15		119.00	125.00	132.00	138.00		
20		138.00	143.00	146.00	152.00	158.00	166.00
25		149.00	153.00	158.00	163.00	167.00	176.00
30		158.00	163.00	168.00	173.00	178.00	188.00

- (a) Additional charge beyond 8 km rate per m³/km 0.40
 (b) Waiting time chargeable beyond the allowed free time (30min) \$0.20/minute
 (c) Additives: Water resistant agent or retarding agent per m³ \$10.00/13.00
 (d) Pump Mixes: Additional charge per m³ 8.00

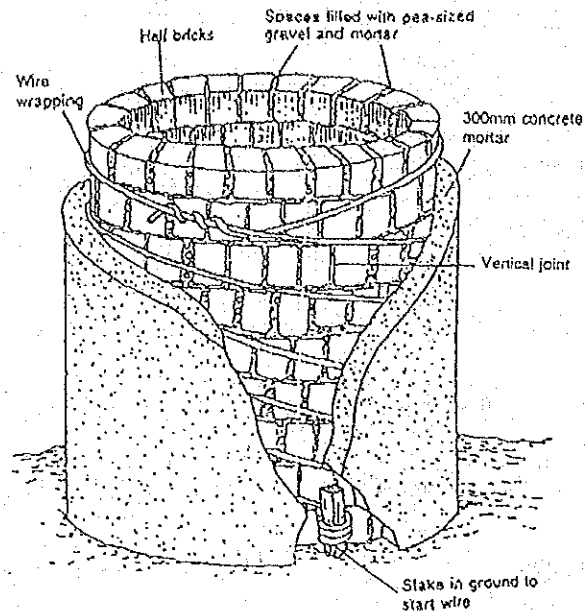
付属資料一14. PWD 村落給水指導
マニュアル
(湧水、表流水取水設備)

WELL-DEFINED SPRING SOURCE

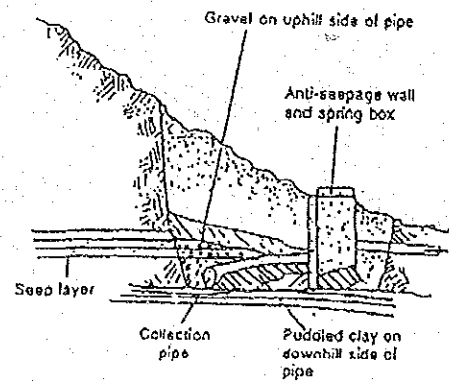
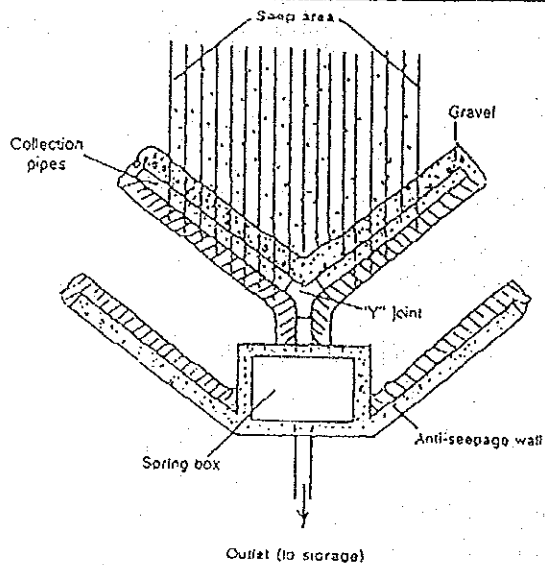


WELL DEFINED SPRING SOURCE

Brick Spring Box



SPRING SEEPAGE COLLECTION GALLERY



SIDE VIEW

