

Water Wells on St. Thomas, U.S. Virgin Islands

By Judy I. Steiger and Richard Kessler

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CONTENTS

Abstract.....	1
Introduction.....	1
Purpose and scope.....	1
Description of area.....	2
Acknowledgments	2
Data Presentation	2
References.....	6
Appendix A - Well names, Estates, and site-identification	
numbers of wells on St. Thomas, U.S. Virgin Islands.....	51
Appendix B - Lithologic descriptions and remarks for wells	
on St. Thomas, U.S. Virgin Islands	63

Figures

1 - 19. Maps showing:

1. Location of St. Thomas and area grids	3
2. Location of the Estates of St. Thomas	4
3. Grid 1 of figure 1	7
4. Location of well on grid 2 of figure 1.....	8
5. Location of wells on grid 3 of figure 1	10
6. Grid 4 of figure 1	12
7. Grid 5 of figure 1	13
8. Location of well on grid 6 of figure 1.....	14
9. Location of wells on grid 7 of figure 1	16
10. Location of wells on grid 8 of figure 1.....	19
11. Location of wells on grid 9 of figure 1.....	24
12. Location of wells on grid 10 of figure 1.....	31
13. Location of wells on grid 11 of figure 1.....	37
14. Grid 12 of figure 1.....	39
15. Grid 13 of figure 1.....	40
16. Location of wells on grid 14 of figure 1.....	41
17. Location of wells on grid 15 of figure 1.....	43
18. Location of wells on grid 16 of figure 1.....	47
19. Grid 17 of figure 1.....	50

Tables

1. Estates in St. Thomas, U.S. Virgin Islands	5
2 - 12. Description of:	
2. Well located on figure 4.....	9
3. Wells located on figure 5	11
4. Well located on figure 8.....	15
5. Wells located on figure 9	17
6. Wells located on figure 10	20
7. Wells located on figure 11	25
8. Wells located on figure 12	32
9. Wells located on figure 13	38
10. Wells located on figure 16.....	42
11. Wells located on figure 17	44
12. Wells located on figure 18.....	48

CONVERSION FACTORS AND ACRONYMS

	Multiply	By	To obtain
inch		25.4	millimeter
foot		0.3048	meter
mile		1.609	kilometer
square mile		2.590	square kilometer
gallon		3.785	liter
gallons per minute		0.06308	liter per second
gallons per day		0.003785	cubic meter per day

Acronyms used in this report:

U.S. Geological Survey (USGS)

U.S. Virgin Islands (USVI)

U.S. Virgin Islands Department of Planning and Natural Resources (VIDPNR)

U.S. Virgin Islands Water and Power Authority (VIWAPA)

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Abstract

This report presents a compilation of well-inventory data collected between December 1989 and December 1990 on St. Thomas, U.S. Virgin Islands. The report includes maps of well locations and tables of well-inventory data for 367 wells. The demand for freshwater in St. Thomas has exceeded the supply, because of the growth in population and tourism. Currently, the demand for water in St. Thomas is met by desalinated seawater, rainfall collected in cisterns, and ground water. The well-inventory data in this report provides a database to assist hydrologists, water managers, and planners in the development and full utilization of the ground-water resources of St. Thomas.

INTRODUCTION

Freshwater is a scarce and expensive commodity in the U.S. Virgin Islands (USVI) (Gómez-Gómez and others, 1985). To meet the demand for freshwater in St. Thomas, all available freshwater sources are used. In 1984, desalinated seawater provided about 71 percent of the freshwater supplies, and rooftop-rainfall catchments and ground water provided about 19 and 10 percent of the freshwater supplies respectively (Torres-Sierra and Dacosta, 1984).

The U.S. Virgin Islands Water and Power Authority (VIWAPA) is responsible for the supply and distribution of public water for the U.S. Virgin Islands. Because of increases in population and tourism, the development of the water resources of the USVI is becoming more important for the future of St. Thomas. In planning for long-term supply of water for the USVI, VIWAPA is considering all possible sources of water. It is anticipated that carefully planned ground-water development is the key to an inexpensive water supply in the future if ground-water contamination can be identified and controlled.

Purpose and Scope

The U.S. Geological Survey (USGS) entered into a cooperative program with VIWAPA during 1989 to complete a well inventory of St. Thomas, USVI. This report presents data for 367 wells including locations from the completed inventory conducted in St. Thomas between December 1989 and December 1990.

Description of Area

St. Thomas is the second largest of the three principal islands (St. Croix, St. Thomas, and St. John) that comprise the U.S. Virgin Islands (fig. 1). The island is approximately 14 miles long and 2 to 3 miles wide and has an area of 32 square miles. The land surface is almost entirely sloping and extends seaward from a central ridge, which is 800 to 1,200 feet high and runs the length of the island. Flat land is confined to only a few small alluvium-filled embayments and parts of Estate Anna's Retreat and Estate Charlotte Amalie (fig. 2) in eastern St. Thomas (Jordan and Cosner, 1973).

Acknowledgments

The authors express their appreciation to the U.S. Virgin Islands Department of Planning and Natural Resources (VIDPNR), Division of Environmental Protection, for their assistance in helping to locate many of the wells on St. Thomas. Also, the cooperation of the many well and land owners who allowed access to their property and provided information about their wells is gratefully acknowledged.

DATA PRESENTATION

The locations and descriptions of 367 wells constructed before January 1991 on St. Thomas are presented in this report. For ease in locating wells, St. Thomas was divided into 17 grids (fig. 1). All grids shown in figure 1 are presented as separate figures in this report (figs. 3 through 19). Each grid represents a two-minute square section of the USGS 1982 photorevised, 7.5 minute series, topographic maps of St. Thomas. Each figure is published at the original topographic map scale of 1:24,000. Some grids cover areas in which no wells exist.

Grids that have wells located on them are followed immediately by a table containing selected well data (tables 2 through 12). When available, information presented in these tables includes: well number as referenced on the preceding figure, well name, primary use of water, year the well was constructed, reported depth of well, measured depth of well, well casing diameter, type of well finish and finish interval, land-surface altitude at well site, depth to water below land-surface datum, date water level measured, and yield of well. The well numbers used in tables 2 through 12 consist of two parts. The first part refers to the grid number from figure 1, and the second part is a sequence number for the well within the grid. These numbers apply only to wells located on the accompanying figure. Identifiers mentioned in other reports can be identified by the site-identification numbers, which are presented in appendix A. The site-identification numbers conform with the established USGS Ground-Water Site Inventory classification scheme. The site-identification number does not change and can be used to reference a specific well in other USGS publications.

The report also identifies the location of wells in terms of Estates in St. Thomas (fig. 2, table 1, and appendix A). Other information included in this report are the subsurface lithologic descriptions (when available) of a well site, and any special information about a well (appendix B).

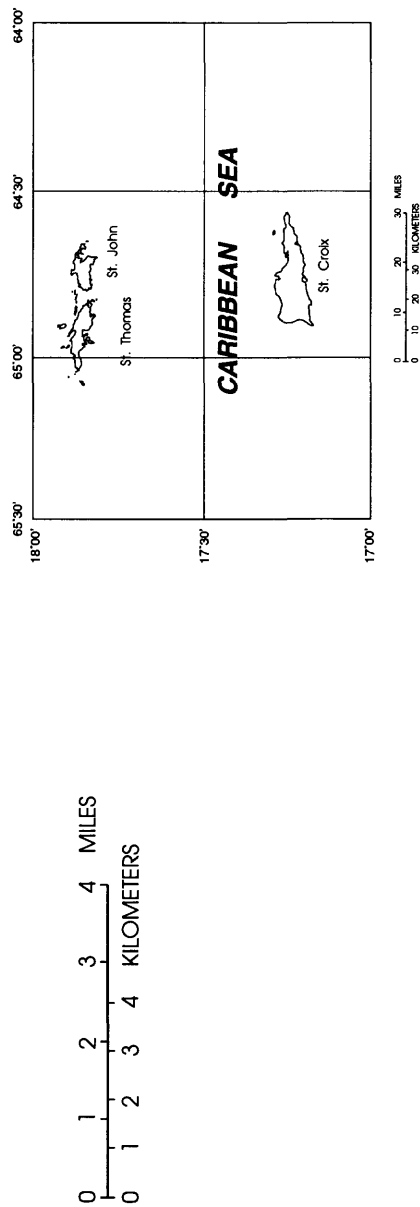
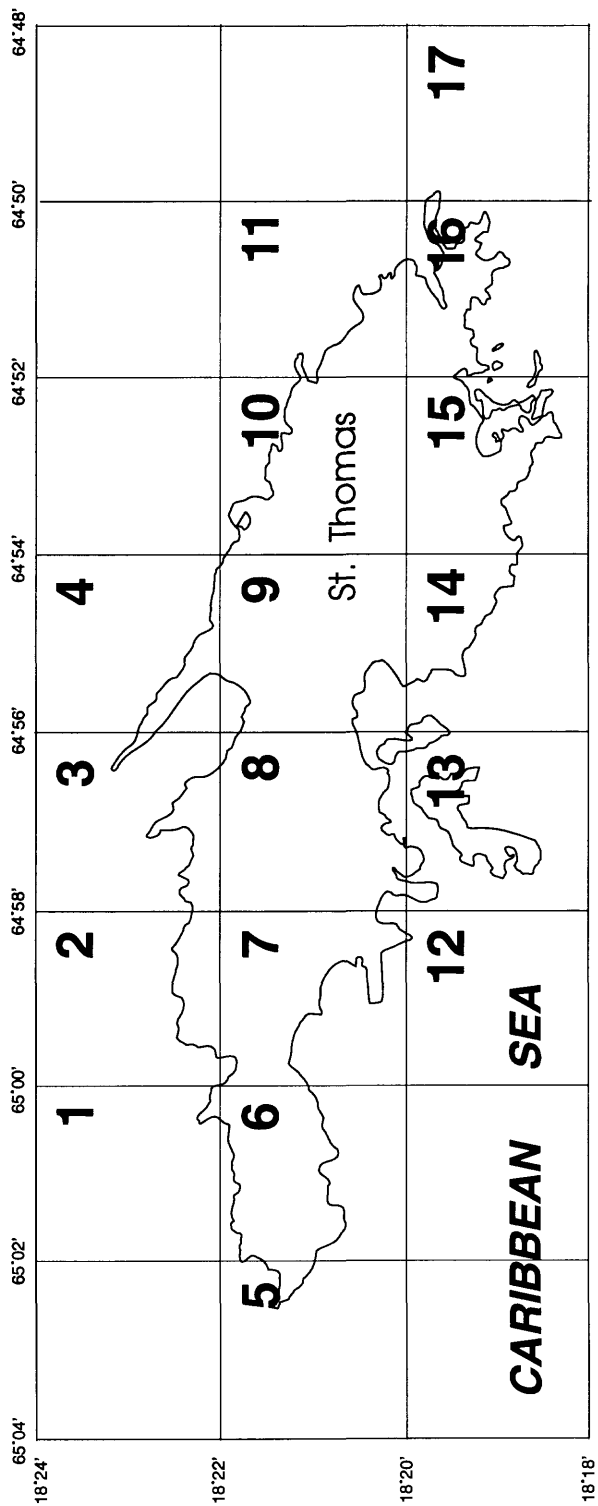


Figure 1. Location of St. Thomas and area grids.

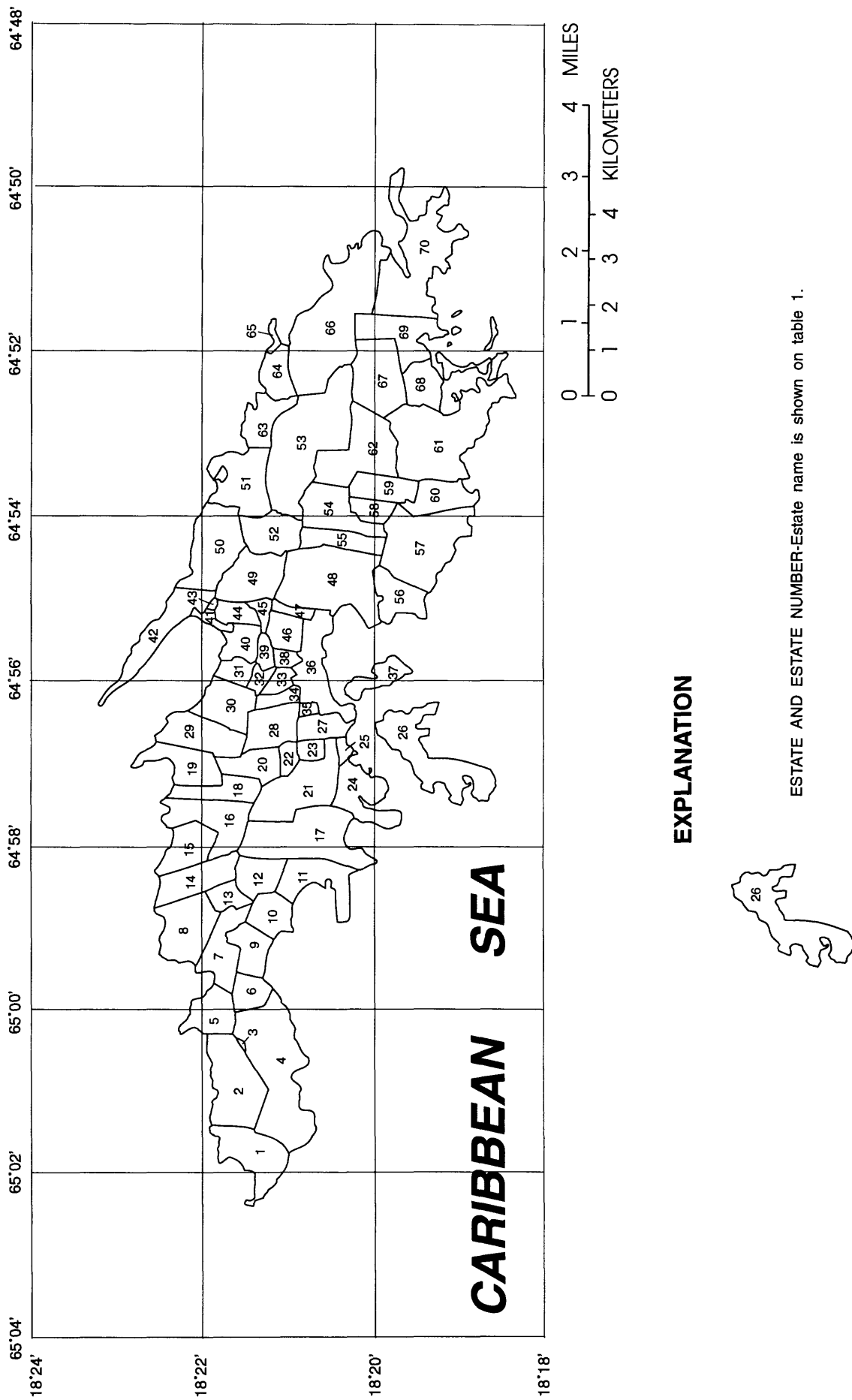


Figure 2. Location of the Estates of St. Thomas.

Table 1. Estates in St. Thomas, U.S. Virgin Islands

Estate ¹ number (see fig. 2)	Estate name	Estate number (see fig. 2)	Estate name
1	Botany Bay	36	City of Charlotte Amalie
2	Bordeaux	37	Hassel Island
3	Bethesda	38	Litton's Fancy
4	Fortuna	39	Mafolie
5	Hope	40	Zurfriedenheit
6	Perseverance	41	Magens Bay
7	Santa Maria	42	Peterborg
8	Sorgenfri	43	Herlein's Kob
9	Bonne Esperance	44	Canaan and Sherpen Jewel
10	Adelphi	45	Louisenhoj
11	John Brewer's Bay	46	Hospital Ground
12	Crown and Hawk	47	Ross
13	Pearl	48	Thomas
14	Caret Bay	49	St. Joseph and Rosendahl
15	Neltjberg	50	Lovenlund
16	Dorothea	51	Mandahl
17	Lindberg Bay	52	Wintberg
18	Bonne Resolution	53	Anna's Retreat (Tutu)
19	Hull	54	Donoe
20	Lilliendahl and Mariendahl	55	Raphune
21	Contant	56	Bakkero
22	Upper John Dunko	57	Frenchman Bay
23	Lower John Dunko	58	New Herrnhut
24	Nisky	59	Hoffman
25	Crown Bay	60	Bolongo
26	Water Island	61	Bovoni
27	Altona	62	Charlotte Amalie
28	Solberg	63	Tabor and Harmony
29	St. Peter	64	Frydendahl
30	Lerkenlund	65	Coki Point
31	Misgunst	66	Smith Bay
32	Elizabeth	67	Mariendahl
33	Agnes' Fancy	68	Nadir
34	Staabi	69	Frydenhoj
35	Anna's Fancy	70	Nazareth

¹ The Estate number applies only to this report.

Records of wells in St. Thomas were compiled from the USGS historical files, VIDPNR files, previously published reports (Robison and others, 1973; Stevens and others, 1981; Graves and González, 1988), and verbal reports of well locations. These records were used to locate wells in the field. All the wells presented in this report have been verified and inventoried by USGS personnel.

Lithologic information and information about the construction of the wells was taken from well-drillers' logs, when available. Wells that could be sounded with a weighted steel tape were measured for depth by USGS personnel. Some of the information on well depths and type of well finish were provided by the well owner or were reported on previous well inventories.

Well casing diameters represent the inside diameter of the casing visible at land surface. In some instances, there may be a smaller diameter casing within the well. The smaller diameter casing is noted in the remarks section of the table.

Land-surface altitudes at the well site were estimated from USGS topographic maps. The contour interval of the topographic maps of St. Thomas is 40 feet. Twenty-foot contour intervals are shown where slopes are low. The accuracy of reporting land-surface altitudes in this report is considered to be half of the contour interval used.

Depth-to-water measurements were made by USGS personnel. Yields were reported by the driller or estimated by the well owner or well manager. Wells that were pumping and had in-line flow meters were measured for yield by USGS personnel.

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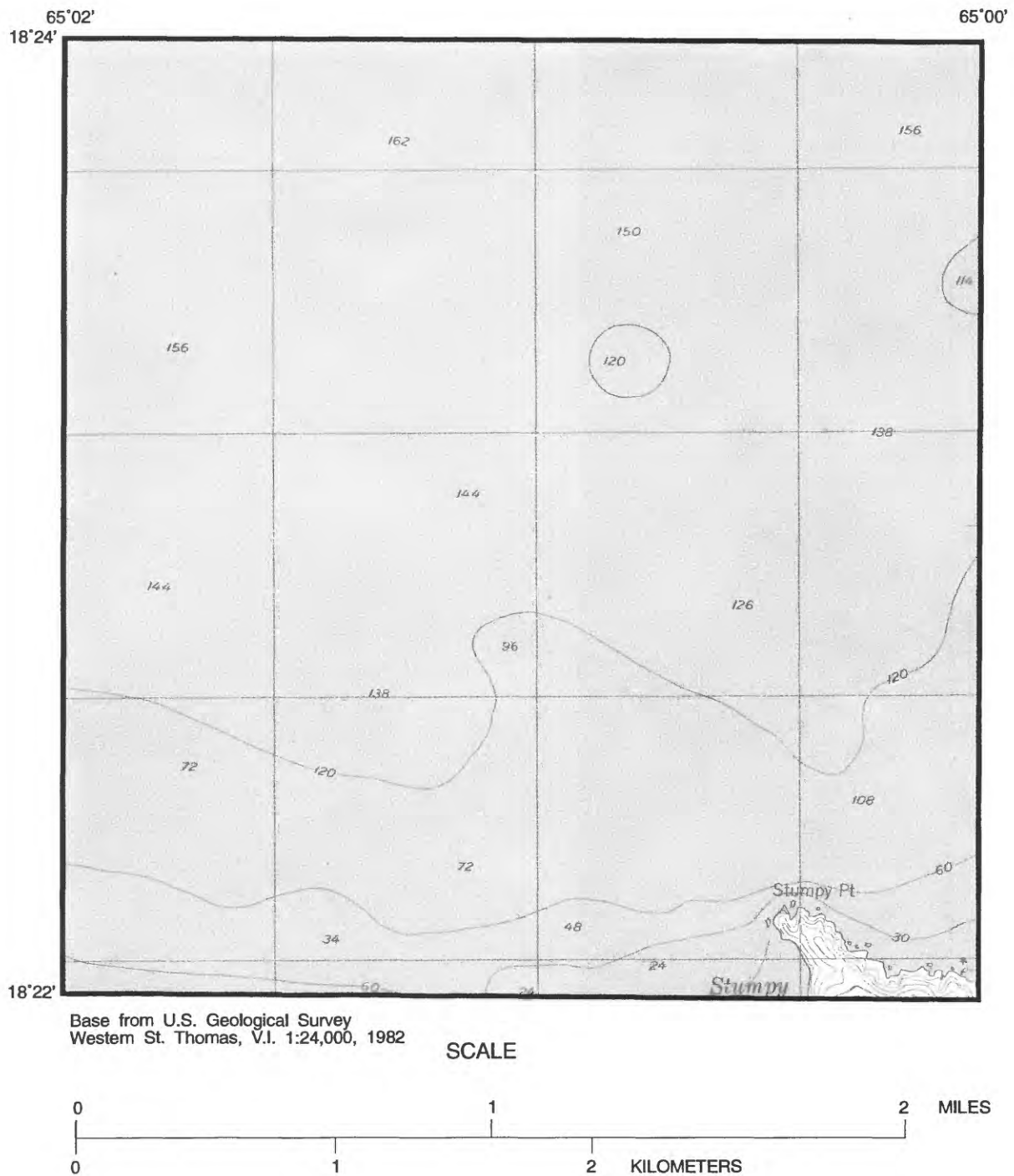


Figure 3. Grid 1 of figure 1.

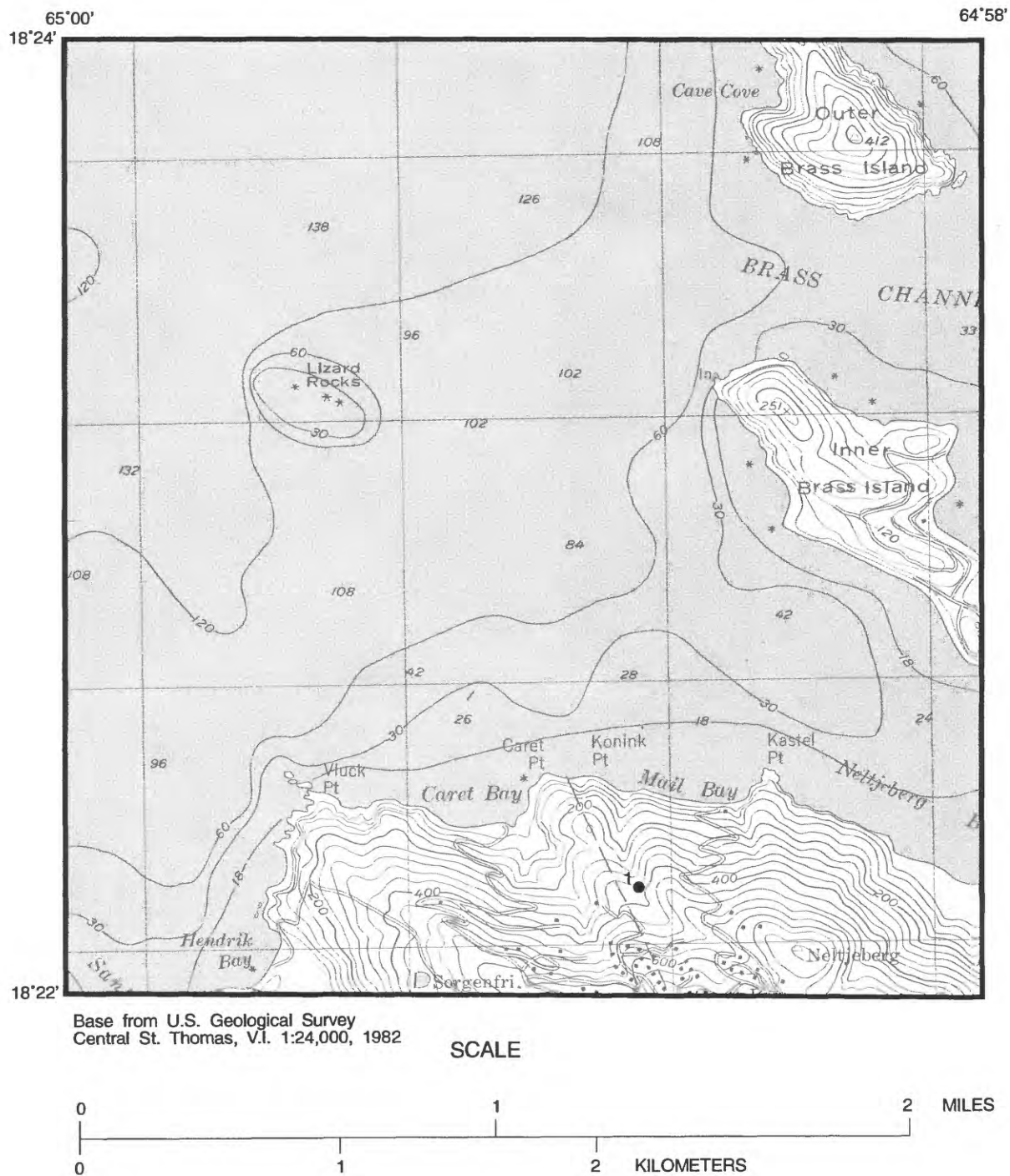


Figure 4. Location of well on grid 2 of figure 1. The well number shown on this figure corresponds to the well number which begins with 2- in table 2 and appendixes A and B.

Table 2. Description of well located on figure 4
[A, agricultural or stock well; --, indicates data not available]

Well number on figure 4	Well name	Use of water	Year con- structed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude at well site (feet)	Depth to water below land surface datum (feet)	Date water level measured (month- day- year)	Yield (gallons per minute)
2- 1	C. Bushfield	A	1988	250	--	6	slotted 42-82	400	--	--	--

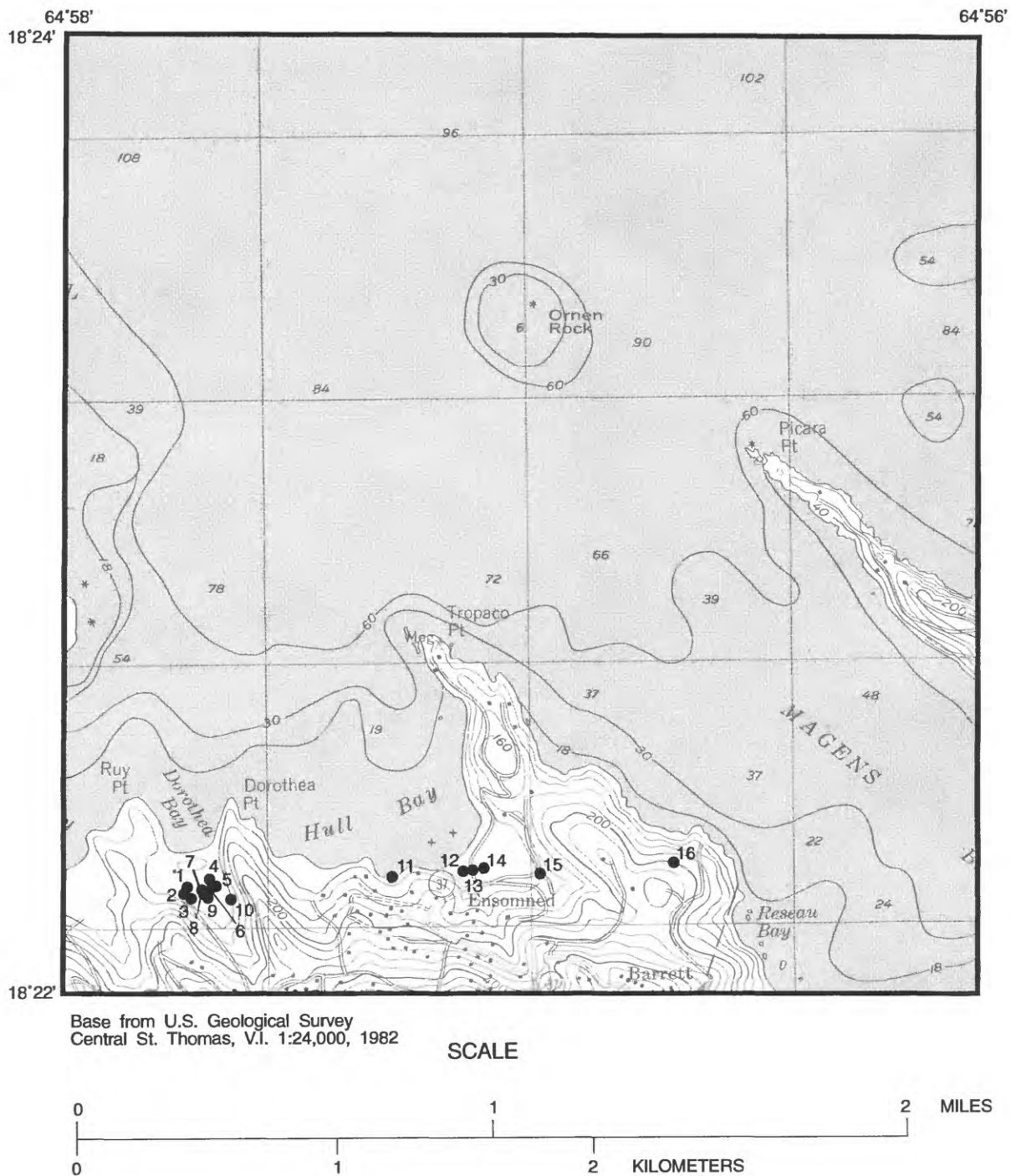
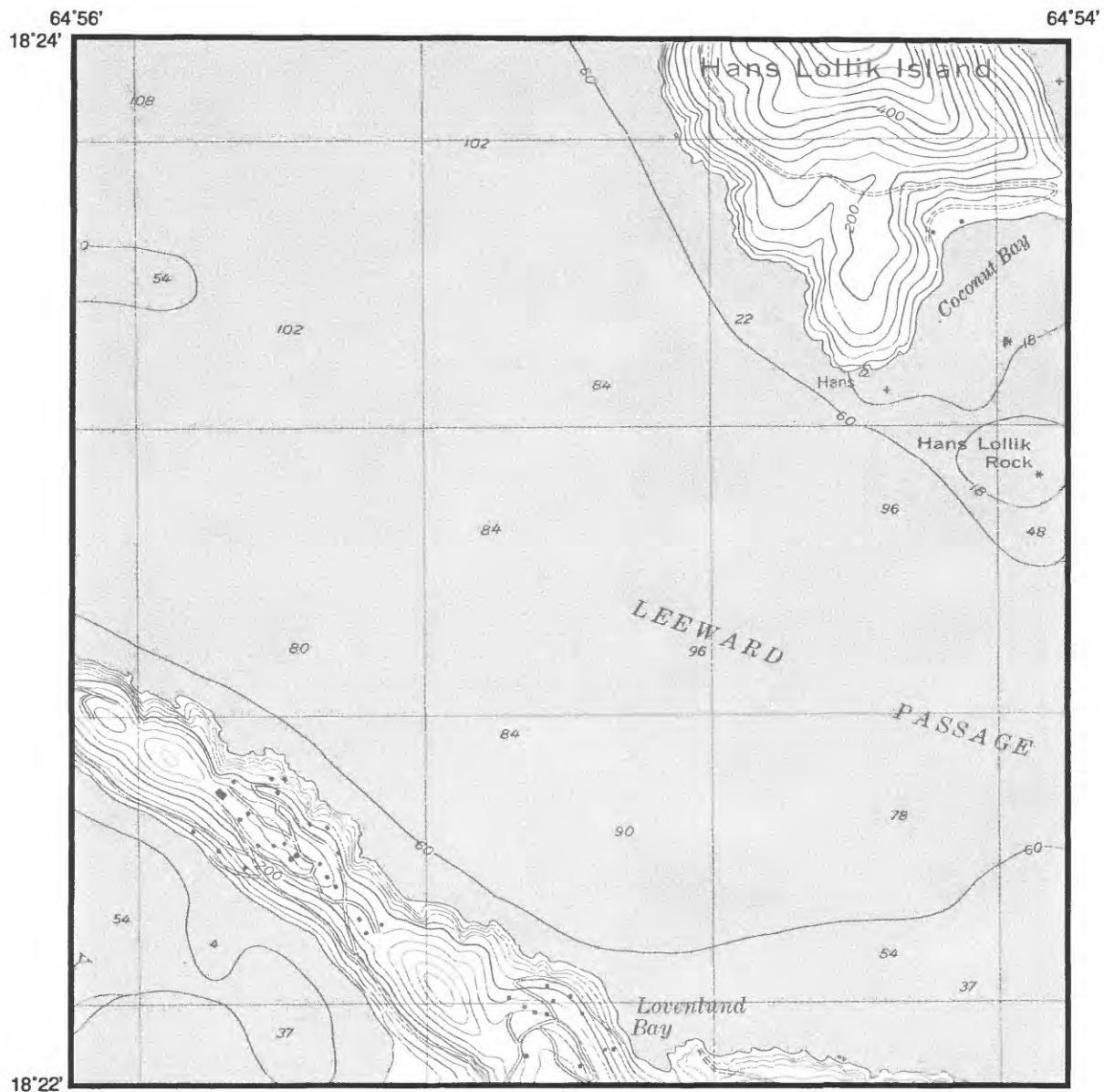


Figure 5. Location of wells on grid 3 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 3- in table 3 and appendixes A and B.

Table 3. Description of wells located on figure 5

[A, agricultural or stock well; C, commercial well; D, domestic well; PS, public supply well; NU, well not in use; --, indicates data not available]

Well number on figure 5	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
3- 1	Dorothea Beach Resort 2	NU	1977	67	64	6	open hole 61-67	7	3	01-25-90	reported yield 15
3- 2	Dorothea Beach Resort 3	NU	1977	122	128	6	open hole 56-122	7	4	01-25-90	reported yield 15
3- 3	Dorothea Beach Resort 4	NU	1977	185	25	6	open hole 45-185	8	--	--	reported yield 15
3- 4	Dorothea Beach Resort dug well	NU	--	--	10	120	--	7	5	01-25-90	--
3- 5	Dorothea Beach Resort 8	PS	1977	125	--	6	open hole 50-125	7	5	01-25-90	reported yield 15
3- 6	Dorothea Beach Resort 7	NU	1977	35	28	6	screened 20-30	7	7	01-25-90	--
3- 7	Dorothea Beach Resort 6	PS	1977	40	--	6	screened 28-38	7	8	01-25-90	--
3- 8	Dorothea Beach Resort 5	NU	1977	60	37	6	open hole 38-60	8	8	01-25-90	reported yield 10
3- 9	Dorothea Beach Resort 9	NU	1977	35	32	6	screened 20-30	8	5	01-25-90	reported yield 100
3-10	Dorothea Beach Resort gut well	NU	--	--	35	6	--	20	13	01-30-90	--
3-11	R. Laplace	D	1972	16	16	36	--	10	13	02-02-90	--
3-12	Hull Hideaway	C	--	--	12	36	--	10	10	02-02-90	--
3-13	L. Laplace	D	--	15	14	36	--	10	pumping water level 13	10-03-90	--
3-14	L. Laplace irrigation well	D	--	--	14	36	--	10	11	10-03-90	--
3-15	L. & S. Bryan	A	1980	100	--	6	--	20	19	02-02-90	--
3-16	A. Newmann	NU	1983	260	--	6	slotted 20-40	200	--	--	--



Base from U.S. Geological Survey
Central St. Thomas, V.I. 1:24,000, 1982

SCALE

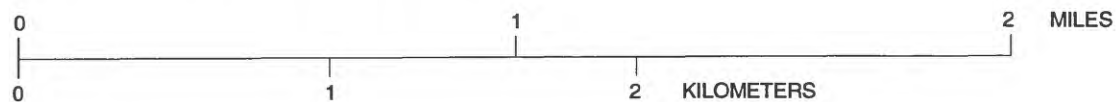


Figure 6. Grid 4 of figure 1.

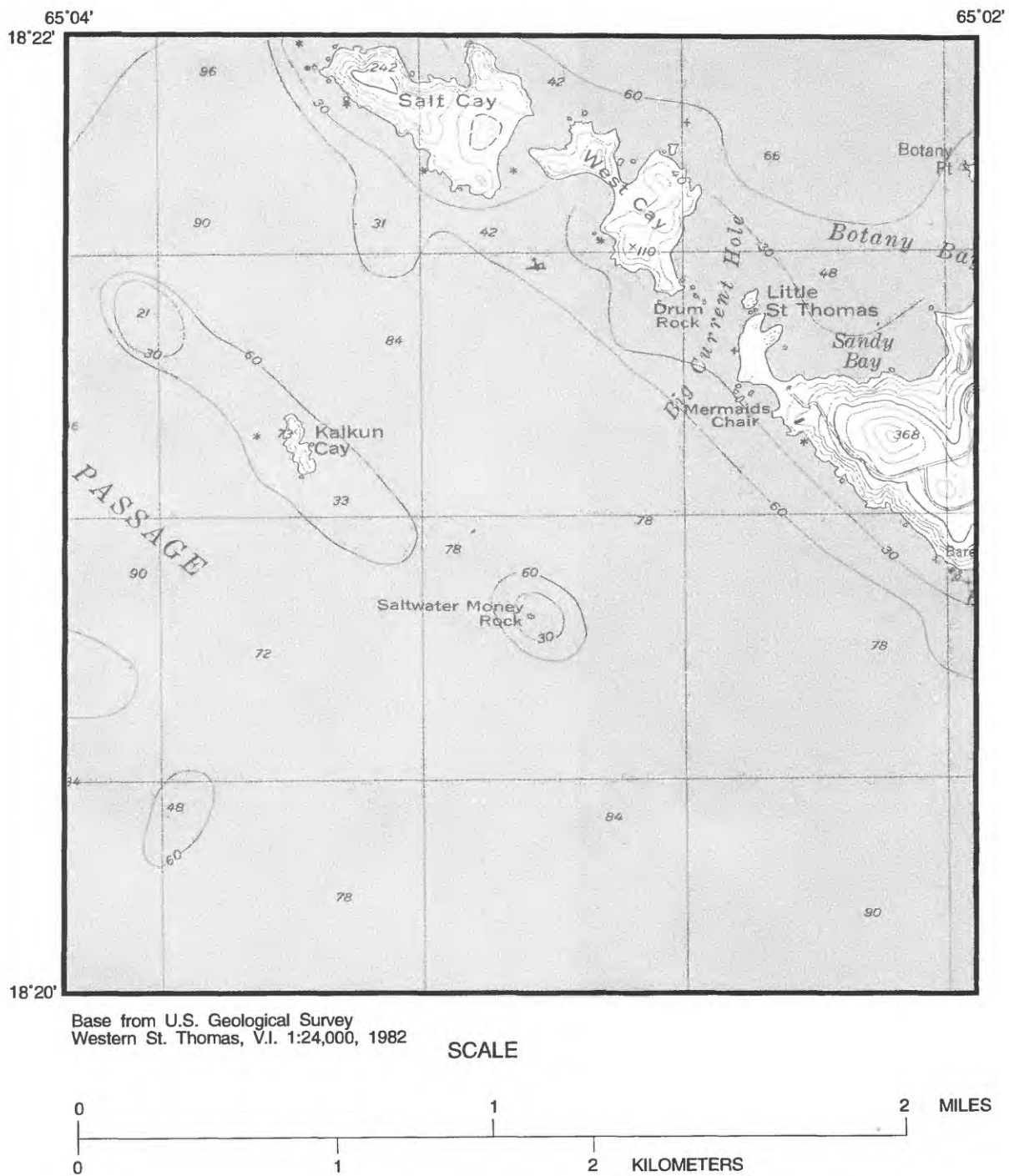


Figure 7. Grid 5 of figure 1.



Figure 8. Location of well on grid 6 of figure 1. The well number shown on this figure corresponds to the well number which begins with 6- in table 4 and appendixes A and B.

Table 4. Description of well located on figure 8
[D, domestic well; --, indicates data not available]

Well number on figure 8	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
6- 1	W. Wernicke	D	--	--	24	24	--	35	4	12-26-89	--

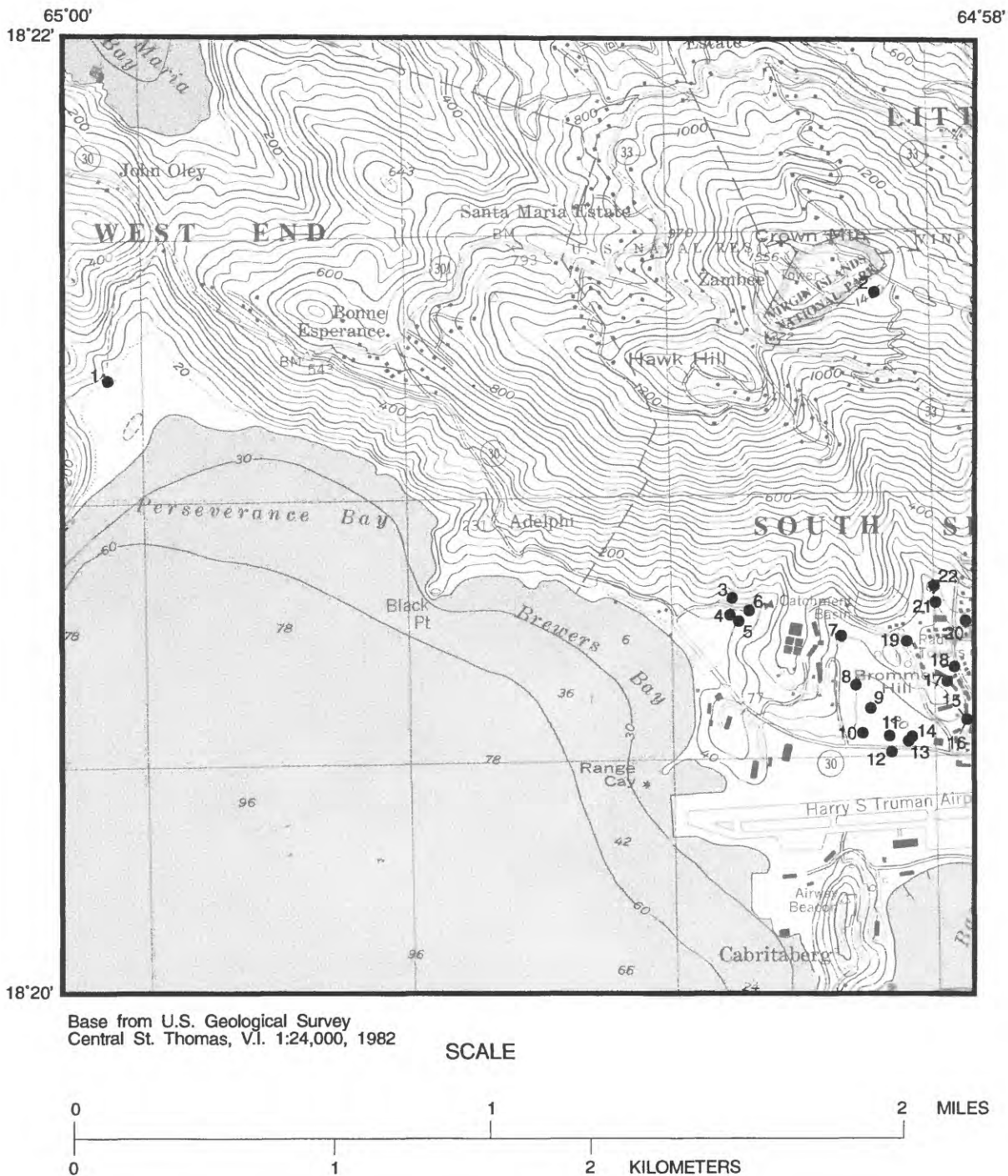


Figure 9. Location of wells on grid 7 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 7- in table 5 and appendixes A and B.

Table 5. Description of wells located on figure 9
[D, domestic well; IS, institutional well; NU, well not in use; --, indicates data not available]

Well number on figure 9	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
7- 1	Perseverance Bay well 1	NU	--	--	14	72	--	20	10	12-26-89	--
7- 2	B. Neithrup	D	1983	305	--	6	slotted 30-90	1400	--	--	reported yield 5
7- 3	University of the Virgin Islands Reichold Center D	NU	--	--	60	6	--	80	45	12-28-89	--
7- 4	University of the Virgin Islands Reichold Center A	NU	--	--	--	6	--	65	34	12-29-89	--
7- 5	University of the Virgin Islands Reichold Center C	NU	--	--	--	6	--	75	42	12-29-89	--
7- 6	University of the Virgin Islands Reichold Center B	IS	--	280	--	6	open hole 52-280	80	62	12-29-89	--
7- 7	University of the Virgin Islands 3	IS	1978	103	--	6	--	80	--	--	--
7- 8	University of the Virgin Islands 2	IS	1966	120	--	6	open hole 28-120	35	--	--	measured yield 24
7- 9	University of the Virgin Islands 1	IS	1966	40-50	--	6	--	20	18	12-29-89	--
7-10	University of the Virgin Islands S1	IS	1990	76	--	6	slotted 46-76	20	9	12-06-90	reported yield 11
7-11	University of the Virgin Islands S2	IS	1990	70	--	6	slotted 50-70	20	4	12-06-90	reported yield 31
7-12	University of the Virgin Islands S4	IS	1990	65	--	6	slotted 45-65	20	4	12-06-90	reported yield 31

Table 5. Description of wells located on figure 9--Continued

[C, commercial well; D, domestic well; IS, institutional well; NU, well not in use; --, indicates data not available]

Well number on figure 9	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
7-13	University of the Virgin Islands S3	IS	1990	50	--	6	slotted 30-50	20	3	12-06-90	reported yield 31
7-14	University of the Virgin Islands dug well	NU	--	--	16	84	--	15	2	12-29-89	--
7-15	Kirwan Terrace Housing D	NU	1978	--	94	6	--	25	23	08-08-90	--
7-16	Kirwan Terrace Housing C	NU	1969	--	--	6	--	25	21	09-12-90	--
7-17	Kirwan Terrace Housing dug well	NU	--	--	31	89	--	40	21	01-05-90	--
7-18	Kirwan Terrace Housing A	NU	1969	--	--	6	--	45	32	09-12-90	--
7-19	University of the Virgin Islands E1	NU	1990	65	--	4	slotted 45-65	80	37	12-06-90	reported yield 7
7-20	V. Greaux	D	1964	80	--	6	slotted 30-70	80	pumping water level 32	01-04-90	--
7-21	USGS 8	NU	1963	80	80	6	open hole 25-80	120	21	01-05-90	--
7-22	E. Dudovick (Thatch Farm Family well)	C	1978	65	--	6	--	125	pumping water level 49	06-18-90	--

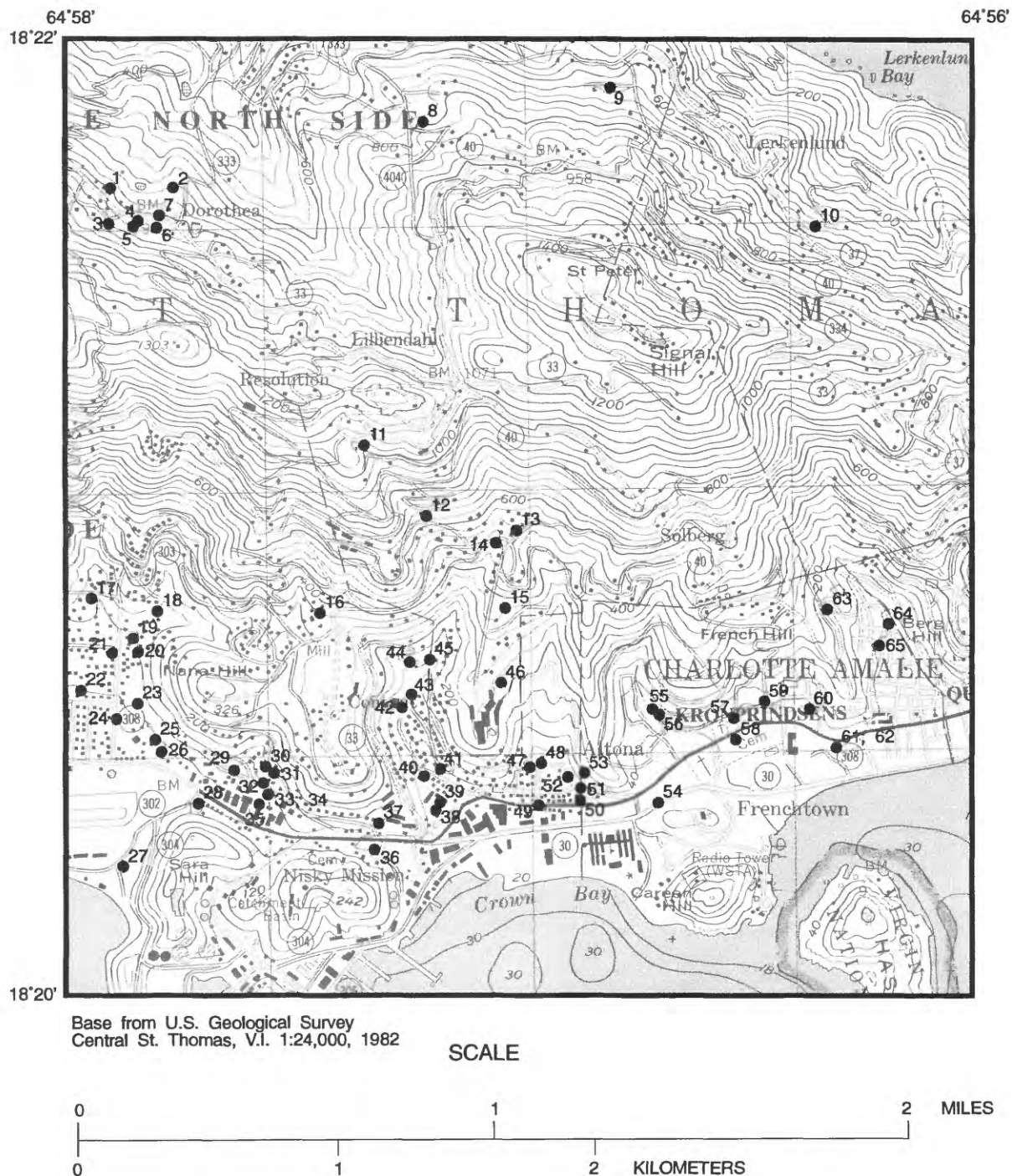


Figure 10. Location of wells on grid 8 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 8- in table 6 and appendixes A and B.

Table 6. Description of wells located on figure 10

[A, agricultural or stock well; C, commercial well; D, domestic well; NU, well not in use; --, indicates data not available]

Well number on figure 10	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
8- 1	A. Esquilin	D	--	400	--	6	--	800	--	--	--
8- 2	Dorothea Agriculture Station - USGS 4	A	1963	142	--	6	open hole 88-142	700	48	01-29-90	reported yield 11
8- 3	Michael Bryan	C,D	1984	160	--	6	slotted 24-84	900	--	--	reported yield 10
8- 4	Bryan Plants unused well	NU	1978	140	139	6	--	830	70	01-30-90	--
8- 5	Bryan Plants west well	A	--	99	95	6	--	840	68	01-30-90	--
8- 6	Bryan Plants east well	A	--	175	--	6	--	830	109	01-30-90	--
8- 7	Dorothea Agriculture Station dry well	NU	1969	147	140	5	slotted 87-147	760	86	01-27-90	--
8- 8	J. Joseph	NU	1981	400	--	6	open hole 20-400	760	60	08-15-90	reported yield 2
8- 9	J. Reisburg	D	1978	220	--	6	open hole 40-220	615	58	02-13-90	--
8-10	D. Berry	D,C	1984	210	--	6	slotted 40-140	520	--	--	--
8-11	B. Koenig	D	1983	335	--	6	slotted 40-200	1040	--	--	reported yield 5
8-12	A. Mack	D	--	150	--	6	open hole 80-150	600	100	02-05-90	--
8-13	F. Isaac	D	1981	114	--	6	slotted 74-114	510	--	--	reported yield 80
8-14	M. Carty	D	1983	150	--	6	slotted 30-110	450	--	--	reported yield 10
8-15	S. Kessler	NU	--	--	113	6	--	360	44	02-02-90	--
8-16	J. Spencer	D	--	105	--	6	open hole 50-105	340	--	--	--

Table 6. Description of wells located on figure 10--Continued

[B, bottled water well; C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 10	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
8-17	Peterson	NU	1966	150	150	6	open hole 20-150	100	41	01-10-90	--
8-18	Jackson	NU	--	115	--	6	open hole 27-115	110	16	08-15-90	--
8-19	Kurach	NU	1963	153	25	6	open hole 4-153	70	--	--	--
8-20	W. Smith	NU	1978	345	--	8	open hole 42-345	70	29	08-15-90	reported yield 25
8-21	S. Joshua	NU	--	26	--	66	--	55	--	--	--
8-22	Kirwan Terrace Housing B	NU	1969	--	64	6	--	30	23	09-12-90	--
8-23	J. Odató	NU	--	--	31	132	--	35	17	01-04-90	--
8-24	Delagard	D	1935	--	27	120	--	30	15	01-11-90	--
8-25	F. El-Haj	D	1987	100	--	6	slotted 45-65	30	pumping water level 18	01-03-90	--
8-26	Sunny Mountain Water	B	1980	105	--	6	open hole 22-105	20	pumping water level 7	01-03-90	measured yield 24
8-27	Island Beachcomber Hotel	C	1968	40	--	4	--	10	2	01-02-90	--
8-28	Rock crusher plant	C	--	--	18	12	--	40	6	02-13-90	--
8-29	Muhsen/Muhsen	PS	1984	215	--	4	slotted 100-215	60	--	01-03-90	measured yield 8
8-30	W. Turnbull Estate Contant west well	NU	--	--	--	6	--	80	--	01-02-90	--
8-31	W. Turnbull Estate Contant west well	NU	--	--	--	6	--	80	41	01-02-90	--
8-32	A. King	NU	1989	--	119	3	--	65	32	01-29-90	--
8-33	Virgin Islands Development Corp.	NU	--	--	--	8	--	50	25	01-26-90	--

Table 6. Description of wells located on figure 10--Continued

[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 10	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
8-34	Supercat Laundry	NU	--	--	--	6	open hole 70-110	50	25	01-26-90	--
8-35	Friendly Supermarket	NU	--	--	--	--	--	50	--	--	--
8-36	J. Monsanto	D	1968	350	--	6	open hole 55-350	90	--	--	--
8-37	E. Quaniang	NU	1963	86	--	6	slotted 42-84	40	30	01-18-90	reported yield 20
8-38	F. Esquirdo	NU	1958	--	17	90	--	25	13	01-19-90	--
8-39	Bamboushay Club	C	1944	--	12	96	--	20	7	01-19-90	--
8-40	L. Olive	D	1978	62	--	6	--	40	26	01-23-90	--
8-41	Aubain	D	--	28	28	96	--	20	19	02-01-90	--
8-42	M. Hughes	D	1978	105	--	6	--	70	--	--	--
8-43	Soto Town	NU	1978	465	--	6	open hole 32-465	70	11	01-30-90	--
8-44	W. White	PS	--	350	--	6	open hole 35-350	125	--	--	--
8-45	Vanterpool	NU	--	230	--	6	--	120	17	01-30-90	reported yield 12
8-46	Virgin Isle Hotel	NU	1985	600	--	6	--	240	--	--	--
8-47	H. Richards	D	--	--	--	6	--	30	--	--	--
8-48	J. Giffit	D	1948	38	--	72	--	25	20	01-29-90	--
8-49	Gilmore Enterprises	D	--	36	--	8	open hole 28-36	5	4	01-26-90	reported yield 25
8-50	Gottlieb Quick Way	NU	1944	--	8	55	--	5	4	01-23-90	--
8-51	L. Mitchell	D	--	--	10	108	--	10	5	01-19-90	--
8-52	K. Thomas	D	--	18	16	--	--	35	10	10-03-90	--
8-53	V. Hendricks	D	1944	--	--	--	--	40	--	--	--
8-54	Linden Corp.	C	--	--	--	--	--	20	--	--	--

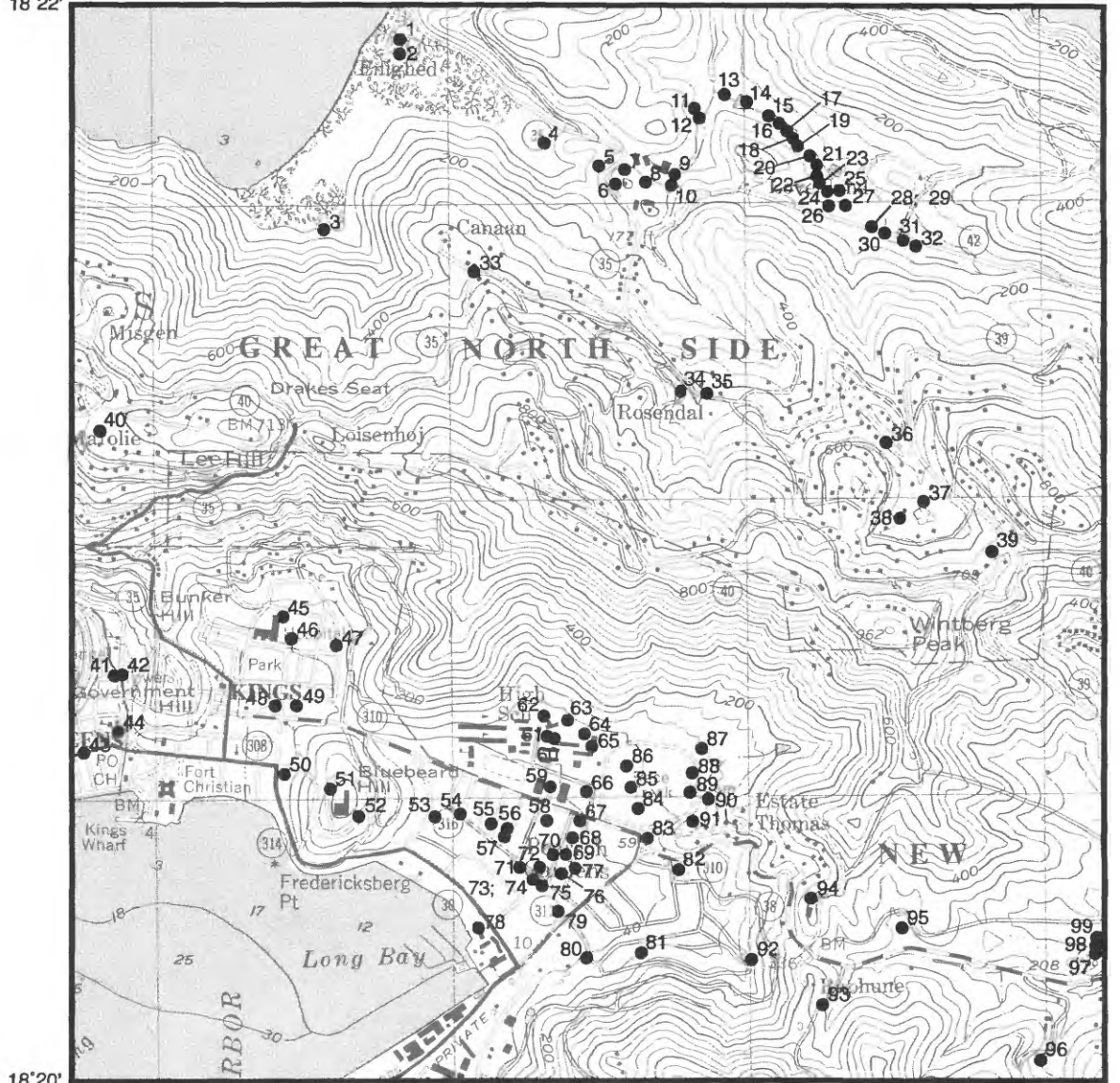
Table 6. Description of wells located on figure 10--Continued

[B, bottled water well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 10	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
8-55	Housing, Parks, and Recreation/Altona north well	NU	--	200	--	6	--	50	43	07-13-90	--
8-56	Housing, Parks, and Recreation/Altona south well	NU	--	200	--	6	--	45	--	--	--
8-57	H. Lanclos	NU	--	45	--	--	--	20	--	--	--
8-58	VI Government/Municipal cemetery	NU	--	13	--	120	--	15	--	--	--
8-59	C. Christopher	PS	1978	42	--	8	slotted --	35	30	07-13-90	reported yield ⁷
8-60	H. Turnbull	--	--	--	--	6	--	40	--	--	--
8-61	Pure Tropical Water	B	1981	100	--	6	open hole 40-100	20	--	--	--
8-62	F. Magras	NU	1981	75	--	6	--	20	--	--	--
8-63	V. Lettsome	D	1980	305	--	6	open hole 20-305	160	--	--	--
8-64	VI Government/Barnaber well	NU	--	--	28	120	--	35	6	08-07-90	--
8-65	H. Turnbull	--	1978	52	--	6	open hole 46-52	35	--	--	--

64°56'
18°22'

64°54'



18°20'

Base from U.S. Geological Survey
Central St. Thomas, V.I. 1:24,000, 1982

SCALE

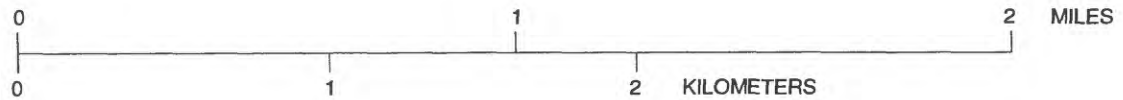


Figure 11. Location of wells on grid 9 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 9- in table 7 and appendixes A and B.

Table 7. Description of wells located on figure 11
[A, agricultural or stock well; C, commercial well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9- 1	Magens beach dug well	C	--	--	8	120	--	10	5	04-13-90	--
9- 2	Magens beach drilled well	C	1984	65	--	8	--	10	--	--	reported yield 150
9- 3	Arboretum	NU	1949	--	7	72	--	20	4	04-17-90	--
9- 4	D. Raimer	A	--	--	9	72	--	20	4	04-13-90	--
9- 5	J. Ladee	A	1981	200	--	6	open hole 10-200	113	--	--	reported yield 2
9- 6	Magens Point Hotel	C	1987	350	--	6	slotted 40-100	180	--	--	--
9- 7	St. Thomas Dairy E	C	1986	320	--	6	slotted 60-140	140	--	--	reported yield 6
9- 8	St. Thomas Dairy F	C	1981	315	--	6	slotted --	140	--	--	--
9- 9	St. Thomas Dairy A	A	--	125	--	6	--	85	23	04-27-90	reported yield 12-15
9-10	St. Thomas Dairy B	NU	--	--	149	6	--	85	23	04-25-90	--
9-11	St. Thomas Dairy supply well	C	1967	150	--	6	--	60	--	--	measured yield 12
9-12	St. Thomas Dairy dug well	NU	1935	--	23	144	--	50	4	04-25-90	--
9-13	Mahogany Run 1	PS	--	70	--	6	--	60	19	04-30-90	--
9-14	Mahogany Run 2	PS	1979	127	--	6	--	70	32	04-30-90	--
9-15	Mahogany Run 3	PS	1979	139	--	6	--	70	--	--	measured yield 6
9-16	Mahogany Run 3A	PS	1979	128	130	6	--	70	20	04-30-90	--
9-17	Mahogany Run 3B	NU	1979	--	47	6	--	70	18	04-30-90	--
9-18	Mahogany Run 4	NU	1979	--	37	6	--	70	27	04-30-90	--

Table 7. Description of wells located on figure 11--Continued
 [A, agricultural or stock well; C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9-19	Mahogany Run 5	PS	1979	140	--	6	--	70	pumping water level 23	04-30-90	--
9-20	Mahogany Run 5A	NU	1979	75	--	6	--	70	26	04-30-90	--
9-21	Mahogany Run 7	PS	1979	196	--	6	--	75	--	--	--
9-22	Mahogany Run 8	PS	1979	192	--	6	--	75	--	--	measured yield 8
9-23	Mahogany Run 9	PS	--	125	--	6	--	80	pumping water level 28	04-30-90	measured yield 7
9-24	Mahogany Run dug well	NU	--	--	20	90	--	80	--	--	--
9-25	Mahogany Run 11	PS	1979	184	--	6	--	80	pumping water level 28	05-01-90	measured yield 15
9-26	Mahogany Run 10/ St. Thomas Dairy USGS-3	C	--	--	--	6	--	90	--	--	--
9-27	Mahogany Run 12	NU	1979	107	--	6	--	90	--	--	--
9-28	Mahogany Run 14	NU	1982	--	39	6	--	95	29	05-01-90	--
9-29	Mahogany Run 14A	PS	1979	143	--	6	--	95	--	--	--
9-30	Mahogany Run 15	PS	1979	162	--	6	--	100	32	05-01-90	--
9-31	Mahogany Run 16	NU	1979	168	--	6	--	100	38	05-01-90	--
9-32	Mahogany Run 17	NU	1979	--	--	6	--	110	39	05-01-90	--
9-33	F. McConnel	A	1962	90	--	6	open hole 20-90	435	67	05-11-90	--
9-34	A. Raimer	D	--	--	8	84	--	395	2	04-13-90	--
9-35	Moorehead	NU	--	260	260	6	open hole 12-260	395	21	04-13-90	--
9-36	P. Clooney	D	1968	120	--	6	open hole 8-120	500	--	--	reported yield 8-10

Table 7. Description of wells located on figure 11--Continued

[A, agricultural or stock well; D, domestic well; IS, institutional well, NU, well not in use; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9-37	A. Bornn	A	--	110	--	6	open hole 10-110	530	20	04-12-90	reported yield 30
9-38	E. Lyons	D	--	200	--	4	--	540	30	04-12-90	--
9-39	National Park Service USGS-5	NU	1963	250	70	6	--	680	--	--	reported yield 1
9-40	E. O'Brien	NU	1984	400	--	6	slotted 36-96	760	--	--	reported yield 1
9-41	VI Government/Dept. of Education	NU	--	--	--	72	--	30	--	--	--
9-42	VI Government/near Dept. of Education	NU	--	--	34	96	--	30	7	08-06-90	--
9-43	VI Government/Wishing well	NU	--	--	11	36	--	20	3	08-07-90	--
9-44	VI Government/Back Street	NU	--	16	--	96	--	25	--	--	--
9-45	Knud Hansen Complex drilled well	NU	--	--	--	6	--	55	--	--	--
9-46	Knud Hansen Complex dug well	IS	--	50	50	88	--	45	pumping water level 43	07-12-90	--
9-47	B. George	D	--	100	--	6	open hole 80-100	60	--	--	--
9-48	D. Michael	NU	1990	60	--	6	--	20	--	--	reported yield 30-32
9-49	W. Turnbull	NU	--	240	--	8	open hole 20-240	20	13	08-08-90	reported yield 1
9-50	VI Government/dug well by Met Willy's	NU	--	--	11	96	--	20	6	08-06-90	--
9-51	Bluebeards Castle Hotel 2	C	1987	500	--	6	slotted 60-200	160	--	--	reported yield 5

Table 7. Description of wells located on figure 11--Continued

[D; domestic well; C, commercial well; NU, well not in use; PS; public-supply paper; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9-52	Bluebeards Castle Hotel 1	C	1985	350	--	6	slotted 0-340	160	--	--	reported yield 3
9-53	Barbel Assoc.	NU	1983	45	--	6	slotted 0-40	15	4	05-11-90	reported yield 75
9-54	VI Government/Department of Human Services	NU	--	--	53	6	--	10	2	03-21-90	--
9-55	Hendricks	NU	--	7	--	72	--	20	--	--	--
9-56	C. Jensen	D	--	16	--	--	--	20	8	04-04-90	--
9-57	Burnette Towers	PS	1964	36	--	6	slotted 16-36	15	--	--	--
9-58	I. Estrill	NU	--	--	21	48	--	30	16	04-04-90	--
9-59	One Stop	C	--	--	--	8	--	37	pumping water level 27	04-03-90	--
9-60	Lockhart School northwest corner	NU	--	--	31	6	--	60	--	--	--
9-61	Grade school well 3	NU	--	70	--	6	--	60	23	03-19-90	--
9-62	Water and Power Authority/Wheatly Skill Center west well	PS	--	--	--	6	--	75	19	03-19-90	reported yield 40
9-63	Water and Power Authority/Wheatly Skill Center east well	PS	1980	235	--	6	open hole 60-235	70	13	03-20-90	reported yield 60
9-64	Water and Power Authority/WAPA pump station	NU	--	350	--	6	open hole 20-350	75	49	03-21-90	--
9-65	Lockhart school northeast corner	NU	1980	200	193	6	open hole 44-200	60	37	03-19-90	--
9-66	Lockhart school playground	NU	1964	88	--	6	--	50	--	--	reported yield 25

Table 7. Description of wells located on figure 11--Continued

[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9-67	G. Blackhal	C	1963	100	--	5	slotted 40-100	40	29	04-09-90	--
9-68	Hallpicke	D	1964	45	40	6	slotted 25-45	35	--	--	--
9-69	Rodgers	C,D	1964	67	--	6	slotted 21-63	25	--	--	reported yield 8-10
9-70	G. Hodge	D	1978	65	--	6	slotted 35-65	20	12	03-21-90	reported yield 12
9-71	J. Blyden	D	1981	60	--	6	open hole 50-60	15	6	03-29-90	--
9-72	Moore	D	1960	--	12	--	--	20	--	--	--
9-73	L. Mathias	NU	--	--	12	48	--	20	7	04-04-90	--
9-74	E. Radsatt	C	1963	56	--	6	slotted --	20	pumping water level 15	04-04-90	reported yield 15
9-75	Walters	D	--	--	9	72	--	20	8	04-09-90	--
9-76	A. Lima	D	--	40	--	2	--	20	--	--	--
9-77	Yepps	D	--	40	--	6	--	30	pumping water level 18	04-03-90	--
9-78	Yacht Haven Hotel	C	--	--	--	6	--	5	--	--	--
9-79	St. Thomas Mall Inc.	C	--	17	17	--	--	10	pumping water level 6	10-04-90	--
9-80	W. Turnbull Estate Thomas west well	PS	1984	155	--	6	slotted 20-100	45	62	08-08-90	reported yield 20
9-81	W. Turnbull Estate Thomas east well	PS	--	240	--	6	--	110	--	--	--
9-82	Wheatly Shopping Center	C	1977	67	--	6	open hole 60-67	55	pumping water level 44	04-03-90	reported yield 15

Table 7. Description of wells located on figure 11--Continued

[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 11	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
9-83	G. Melchoir	NU	--	--	--	6	--	50	--	--	--
9-84	St. Thomas Hospital 3	NU	1982	--	192	6	--	70	53	03-20-90	--
9-85	St. Thomas Hospital 2	NU	1982	--	--	6	--	70	--	--	--
9-86	St. Thomas Hospital 1	NU	1982	--	--	6	--	70	54	03-20-90	--
9-87	Lockhart Estate Thomas north well	NU	1977	--	165	6	--	140	79	03-30-90	--
9-88	Daily News	C	1988	180	--	6	slotted 80-120	117	53	03-19-90	reported yield 35
9-89	Virgin Islands Medical Association	C	1986	110	--	6	screened 60-80	130	--	--	reported yield 18-20
9-90	Lockhart Estate Thomas south well	NU	1977	--	127	6	--	160	49	03-30-90	--
9-91	Lockhart/Melchoir	D	1977	325	--	6	open hole 80-325	100	72	03-30-90	--
9-92	T. Frett	PS	--	305	--	6	open hole 20-305	160	--	--	--
9-93	L. Barbel	NU	1978	445	--	6	open hole 22-445	350	92	04-11-90	reported yield 5
9-94	Villa Blanca Hotel	C	1985	375	--	6	slotted 20-50	400	--	--	--
9-95	Lockhart dug well	NU	--	32	--	--	--	270	--	--	--
9-96	New Hernhut Mission	NU	--	22	--	72	--	280	--	--	--
9-97	Lockhart 5	NU	1977	285	--	6	open hole 45-285	190	3	02-06-90	reported yield 10-15
9-98	Lockhart 4	NU	1977	145	--	6	open hole 45-145	189	5	02-06-90	reported yield 35
9-99	Lockhart 3	NU	1977	145	--	6	open hole 60-145	188	4	02-06-90	reported yield 60

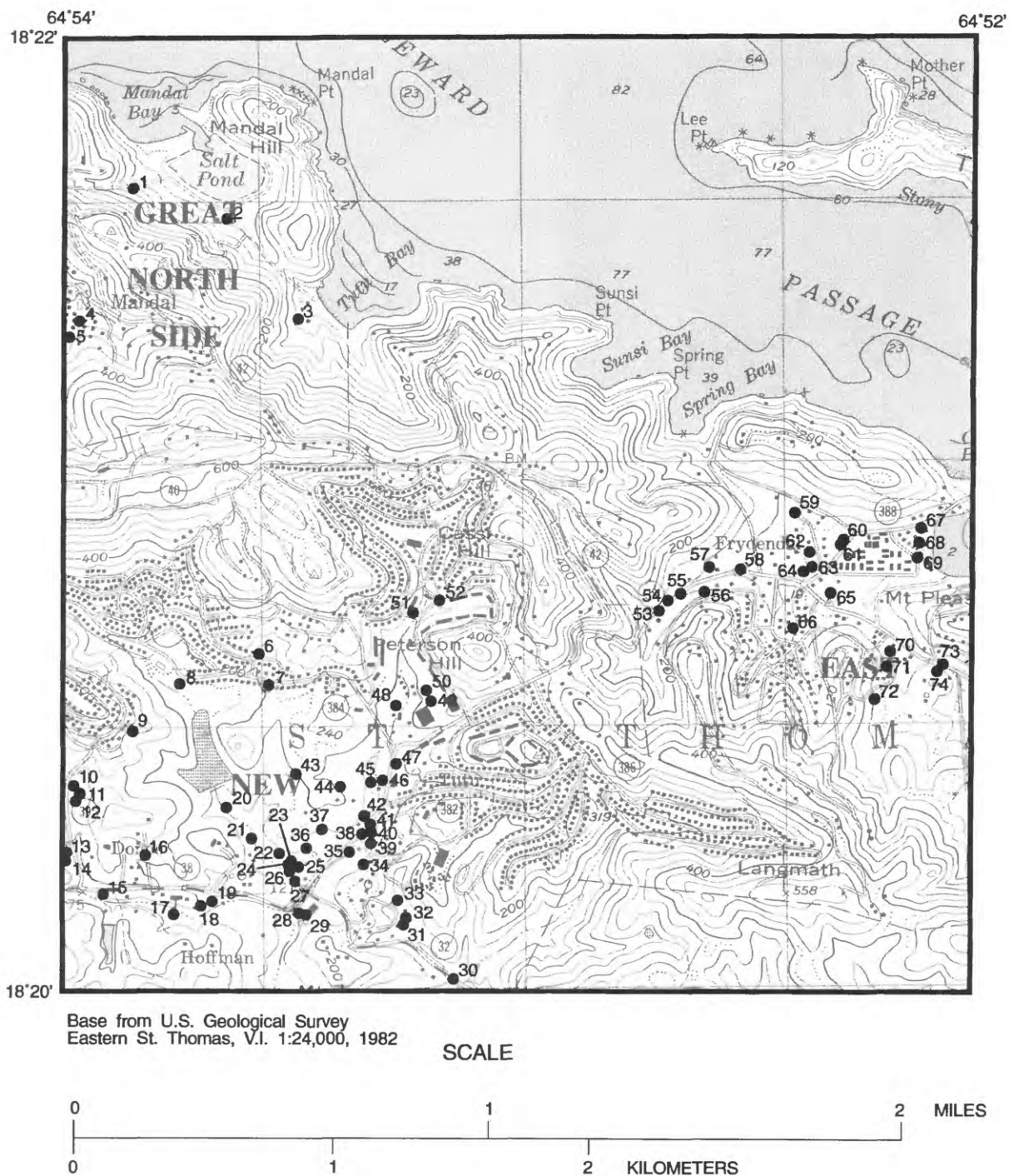


Figure 12. Location of wells on grid 10 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 10- in table 8 and appendixes A and B.

Table 8. Description of wells located on figure 12

[C, commercial well; D, domestic well; IS, institutional well; NU, well not in use; --, indicates data not available]

Well number on figure 12	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
10- 1	Mandahl Beach	NU	--	--	58	6	--	80	37	05-07-90	--
10- 2	VI Government/ Mandahl Beach	NU	--	--	10	102	--	20	8	05-04-90	--
10- 3	V. Wallace	D	1986	45	--	6	slotted --	30	--	--	reported yield 20
10- 4	Peace Corps School	IS	1967	90	--	6	open hole 20-90	210	--	--	--
10- 5	Mandahl Homestead well	NU	--	--	20	108	--	240	9	05-04-90	--
10- 6	Demitry	--	--	300	--	6	--	231	--	--	--
10- 7	Alpha Leonard	D	1977	70	--	6	open hole 44-70	205	--	--	--
10- 8	VI Government/near treatment plant	NU	1925	34	--	84	--	175	--	--	--
10- 9	VI Government/ Donoe 3	NU	--	400	--	6	open hole 20-400	235	62	10-24-90	--
10-10	M. Bryan 2	C	1978	140	--	6	open hole 48-140	220	15	05-04-90	--
10-11	M. Bryan 3	NU	1978	140	--	6	open hole 30-140	218	14	05-04-90	--
10-12	M. Bryan 1	C	1978	140	--	6	--	215	--	--	--
10-13	Lockhart 1	NU	1977	185	--	6	open hole 50-185	192	7	02-06-90	reported yield 15
10-14	Lockhart 2	NU	1977	145	--	6	open hole 38-145	192	5	02-06-90	reported yield 40
10-15	I. Kirkerterp	NU	1978	85	72	6	--	170	19	06-11-90	--
10-16	J. Baugh	NU	1967	120	--	6	open hole 18-120	200	33	02-23-90	reported yield 3
10-17	Pedersen	NU	--	--	9	--	--	150	2	06-11-90	--

Table 8. Description of wells located on figure 12--Continued

[C, commercial well; D, domestic well; NU, well not in use; --, indicates data not available]

Well number on figure 12	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
10-18	A. Sharp	D	--	200	--	6	open hole 20-200	150	6	02-20-90	reported yield 15
10-17	Pedersen	NU	--	--	9	--	--	150	2	06-11-90	--
10-18	A. Sharp	D	--	200	--	6	open hole 20-200	150	6	02-20-90	reported yield 15
10-19	E. Eglin	D	--	--	13	72	--	150	7	02-20-90	reported yield 4
10-20	Harthman dug well	NU	--	--	15	--	--	150	1	02-21-90	--
10-21	Harthman domestic well	D	1978	325	--	6	--	150	pumping water level 18	02-21-90	--
10-22	VINELCO	NU	--	--	131	6	--	137	17	05-08-90	--
10-23	Gassett Motors 1	--	--	--	--	--	--	135	--	--	--
10-24	Gassett Motors 2	NU	--	--	128	6	--	135	22	05-08-90	--
10-25	Rodríguez Auto 2	--	--	120	--	6	--	126	--	--	--
10-26	Rodríguez Auto 3	C	--	80	--	6	--	126	11	02-07-90	--
10-27	Rodríguez Auto 4	NU	1978	220	--	6	--	125	--	--	reported yield 15
10-28	Fort Mylner	NU	1938	18	--	133	--	120	--	--	--
10-29	Versailles Assoc.	NU	1965	40	--	6	--	120	--	--	--
10-30	Delagarde	D	1965	70	--	6	--	70	--	--	--
10-31	Matthias	D	1966	50	--	6	--	90	--	--	reported yield 30
10-32	L. Smith	D	--	--	--	6	--	90	--	--	--
10-33	C. Hodge	D	1967	80	--	6	open hole 20-80	111	26	03-01-90	--

Table 8. Description of wells located on figure 12--Continued

[C, commercial well; D, domestic well; NU, well not in use; --, indicates data not available]

Well number on figure 12	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date level measured (month-day-year)	Yield (gallons per minute)
10-34	E. Steel	D	1965	150	--	6	--	175	63	02-13-90	reported yield 8
10-35	O. Harvey	NU	1978	160	--	5	--	138	24	02-13-90	--
10-36	Harthman near Gassett Motors	NU	1978	325	80	6	open hole 36-325	130	21	08-16-90	reported yield 25
10-37	Crusher well	NU	1978	--	--	6	--	140	26	01-13-90	--
10-38	G. Eglin 1	C	1965	--	--	6	--	144	--	--	reported yield 60
10-39	G. Eglin 3	C	--	325	--	6	open hole 40-325	152	18	02-09-90	reported yield 60
10-40	G. Eglin 2	C	--	--	--	6	--	149	14	02-09-90	reported yield 60
10-41	Tom Cat Laundry	NU	--	--	--	--	--	160	--	--	--
10-42	VI Government/near Church of God Holiness	NU	--	--	27	108	--	145	13	03-01-90	--
10-43	Harthman estate well USGS-25	--	1965	210	--	6	slotted 100-200	196	35	12-24-90	reported yield 30
10-44	Church of God Holiness	NU	1981	265	--	6	--	200	--	--	reported yield 35
10-45	Four Winds Plaza 2	NU	1981	285	--	6	--	165	8	02-07-90	reported yield 5-10
10-46	Four Winds Plaza 1	NU	1981	305	--	6	open hole 30-305	166	12	02-07-90	reported yield 12
10-47	E. Tillet	NU	1963	100	--	6	open hole 15-100	186	22	02-23-90	reported yield 60

Table 8. Description of wells located on figure 12--Continued

[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, Indicates data not available]

Well number on figure 12	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
10-48	Ramsey Motors	C	1978	105	--	6	open hole 65-105	180	9	02-23-90	reported yield 60
10-49	Virgin Islands Housing Authority 1	PS	1978	175	--	6	open hole 41-175	231	58	02-12-90	reported yield 48
10-50	Virgin Islands Housing Authority 2	NU	1977	150	--	6	open hole 37-150	235	61	02-12-90	reported yield 47
10-51	Virgin Islands Housing Authority 3	PS	1978	142	--	6	open hole 73-142	239	--	--	reported yield 44
10-52	Virgin Islands Housing Authority 4	NU	1978	140	176	6	open hole 69-140	278	41	02-13-90	reported yield 46
10-53	C. F. Rosenberg - USGS-2	C, D	1963	120	--	6	open hole 21-120	95	20	03-01-90	reported yield 5
10-54	Super Pool Resturant	C	1988	110	--	6	open hole 60-110	90	pumping water level 32	02-22-90	--
10-55	Smith Bay Center	C	1987	150	--	6	--	85	--	--	--
10-56	A. Levita	D	1966	110	--	6	--	80	42	03-01-90	--
10-57	U. Pilgrim	D	1967	80	--	6	slotted 40-80	70	39	02-22-90	reported yield 45
10-58	Fat Man's/C. Husband	D, C	1985	80	--	6	slotted 35-75	40	27	02-22-90	reported yield 10
10-59	R. Mercer	NU	--	--	54	6	--	40	30	04-12-90	--
10-60	Stouffer Grand Beach Hotel A	C	--	--	--	6	--	15	--	--	measured yield 36
10-61	Stouffer Grand Beach Hotel B	C	1985	100	--	6	screened 70-90	15	--	--	reported yield 35-40

Table 8. Description of wells located on figure 12--Continued
[C, commercial well; D, domestic well; NU, well not in use; --, indicates data not available]

Well number on figure 12	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
10-62	Leonard	NU	--	--	35	6	slotted 20-35	20	9	03-01-90	--
10-63	A. Leonard 2	D	1988	140	--	6	open hole 100-140	20	11	02-22-90	--
10-64	A. Leonard 1	NU	1964	30	25	4	slotted 10-30	20	10	02-22-90	--
10-65	S & S Service	C	--	--	--	8	--	20	--	--	--
10-66	E. Francis	NU	--	70	--	6	--	30	34	10-10-90	--
10-67	Stouffer Grand Beach Hotel C	C	1985	--	--	6	--	4	--	--	reported yield 60
10-68	Stouffer Grand Beach Hotel D	NU	1985	--	--	6	--	4	--	--	--
10-69	Stouffer Grand Beach Hotel E	C	1985	--	--	6	--	4	--	--	reported yield 40
10-70	Martin	D	1972	59	--	6	--	20	24	05-25-90	--
10-71	Lindquist/VI Government	NU	--	--	29	120	--	25	19	04-13-90	--
10-72	Sprauve	C	1977	73	--	6	--	40	51	06-18-90	--
10-73	Point Pleasant Resort 1	C	--	--	--	6	--	20	41	04-13-90	measured yield 8
10-74	Johnson	D	1977	100	--	6	--	20	pumping water level 41	06-01-90	--

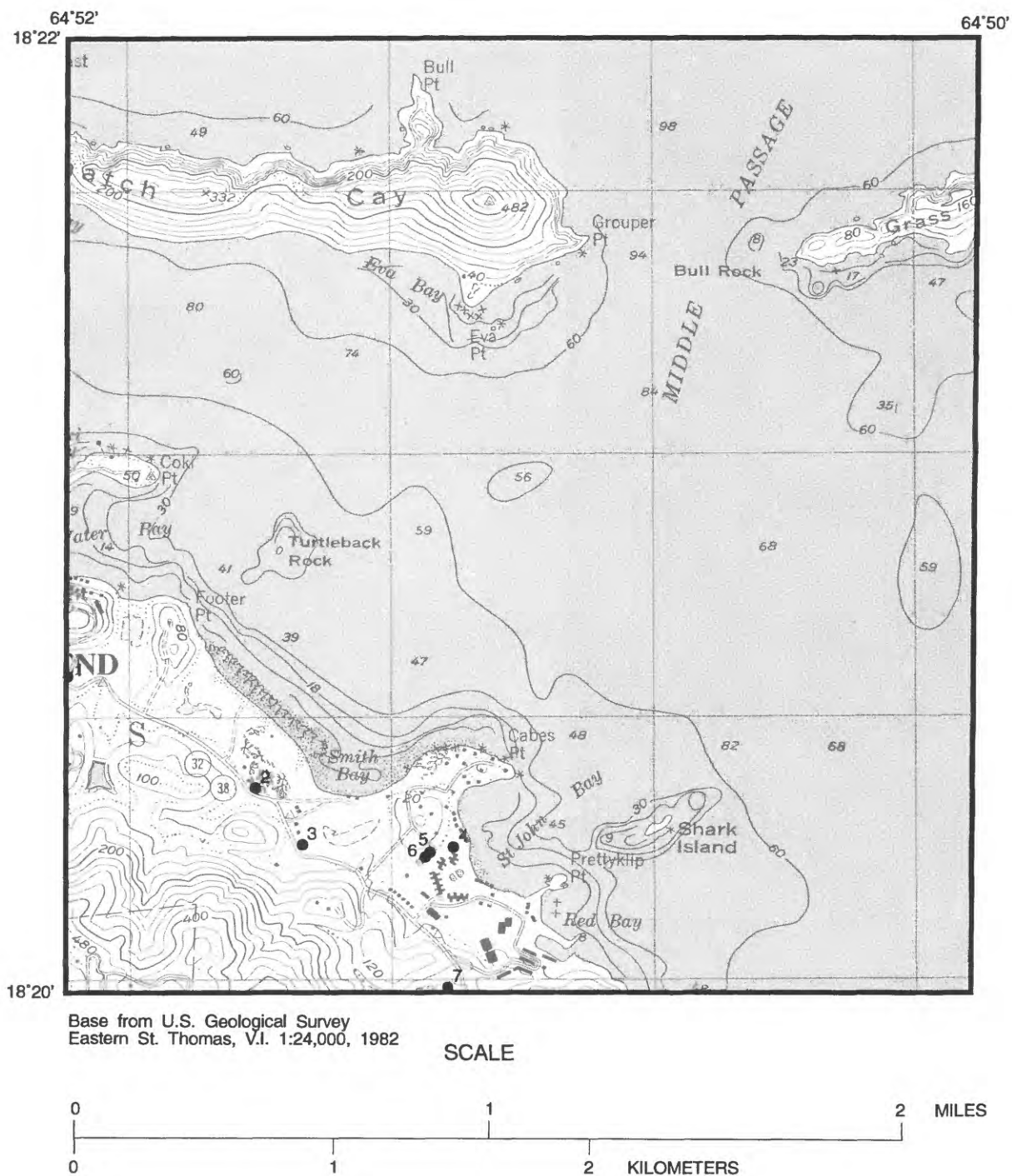
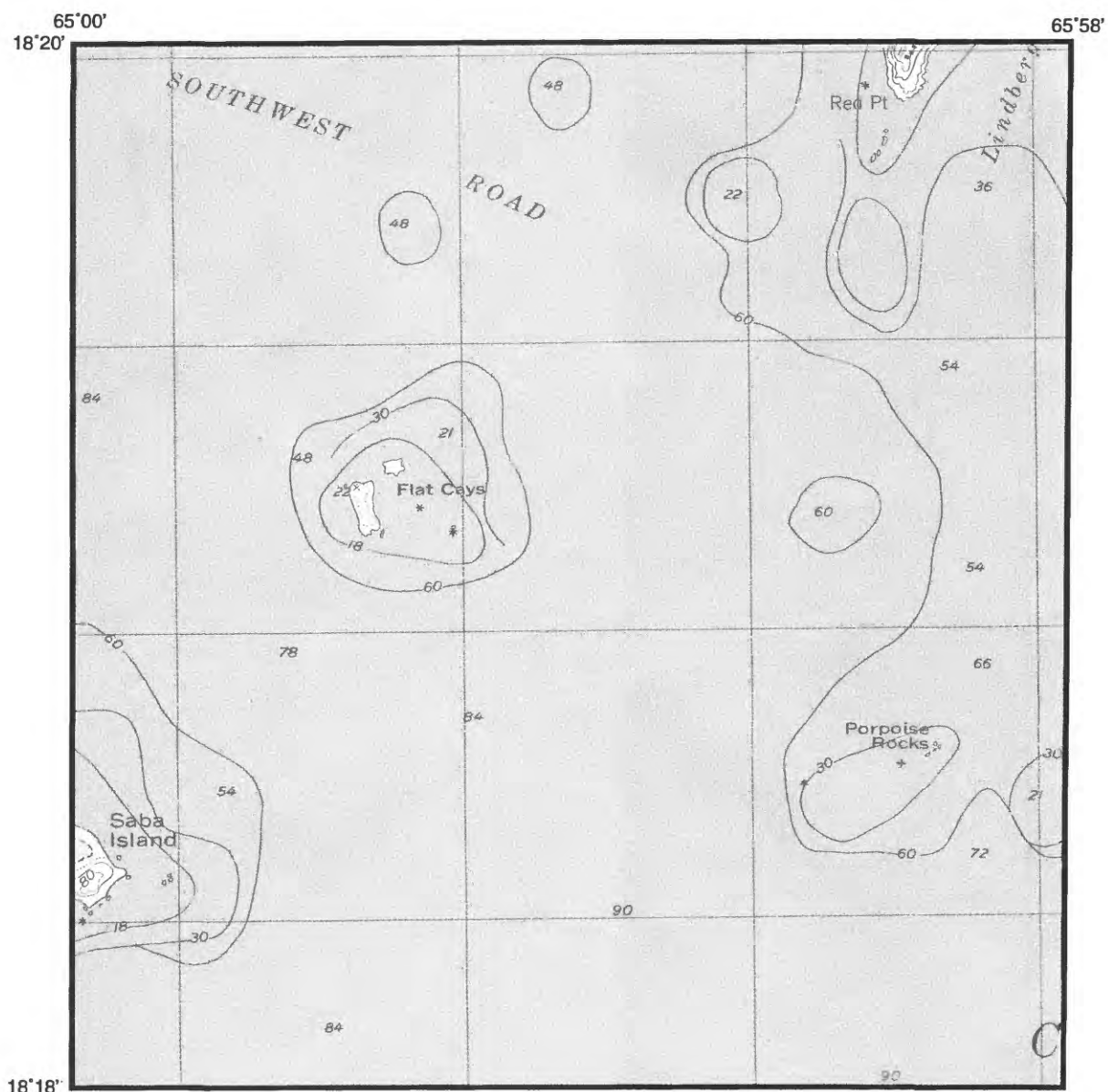


Figure 13. Location of wells on grid 11 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 11- in table 9 and appendixes A and B.

Table 9. Description of wells located on figure 13

[C, commercial well; D, domestic well; NU, well not in use; --, indicates data not available]

Well number on figure 13	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
11- 1	Point Pleasant Resort 2	NU	1989	200	--	6	slotted 40-80	20	12	04-13-90	reported yield 70
11- 2	S. Harthman Heirs	NU	--	--	10	120	--	10	6	05-25-90	--
11- 3	Lindquist	D	1946	--	13	--	--	10	3	04-13-90	--
11- 4	Sapphire Bay Condo West-supply well	C	1981	100	--	6	open hole 40-100	10	5	06-04-90	--
11- 5	Sapphire Bay Condo West-east well	NU	1980	--	104	8	--	20	5	10-18-90	--
11- 6	Sapphire Bay Condo West-west well	NU	1980	--	108	8	--	20	4	10-18-90	--
11- 7	S. Harthman Heirs-USGS 23	NU	1965	56	--	6	open hole 23-56	30	27	06-04-90	--



Base from U.S. Geological Survey
Central St. Thomas, V.I. 1:24,000, 1982

SCALE

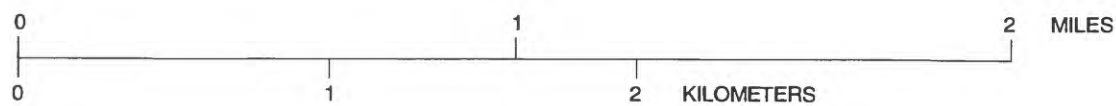


Figure 14. Grid 12 of figure 1.

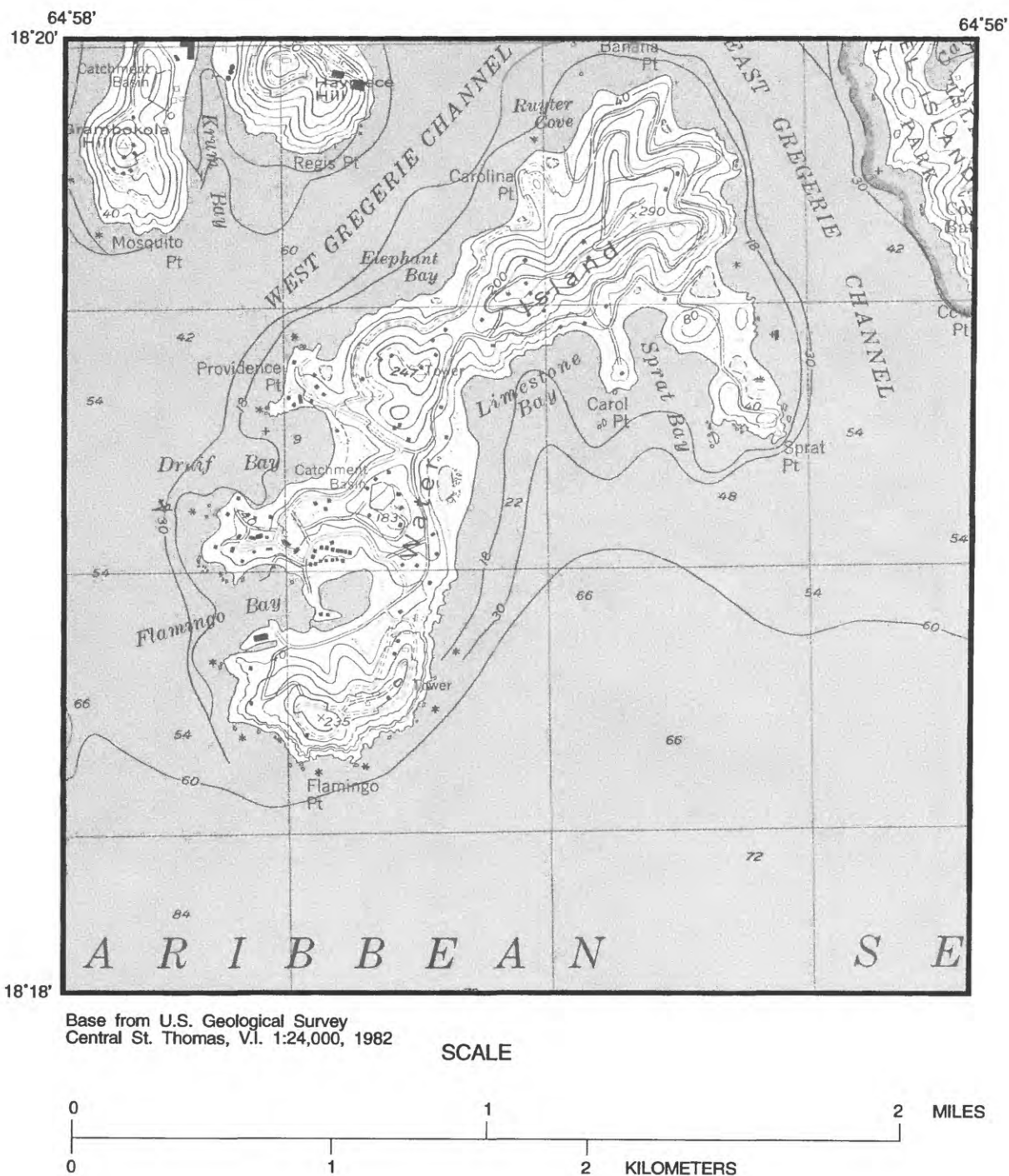


Figure 15. Grid 13 of figure 1.

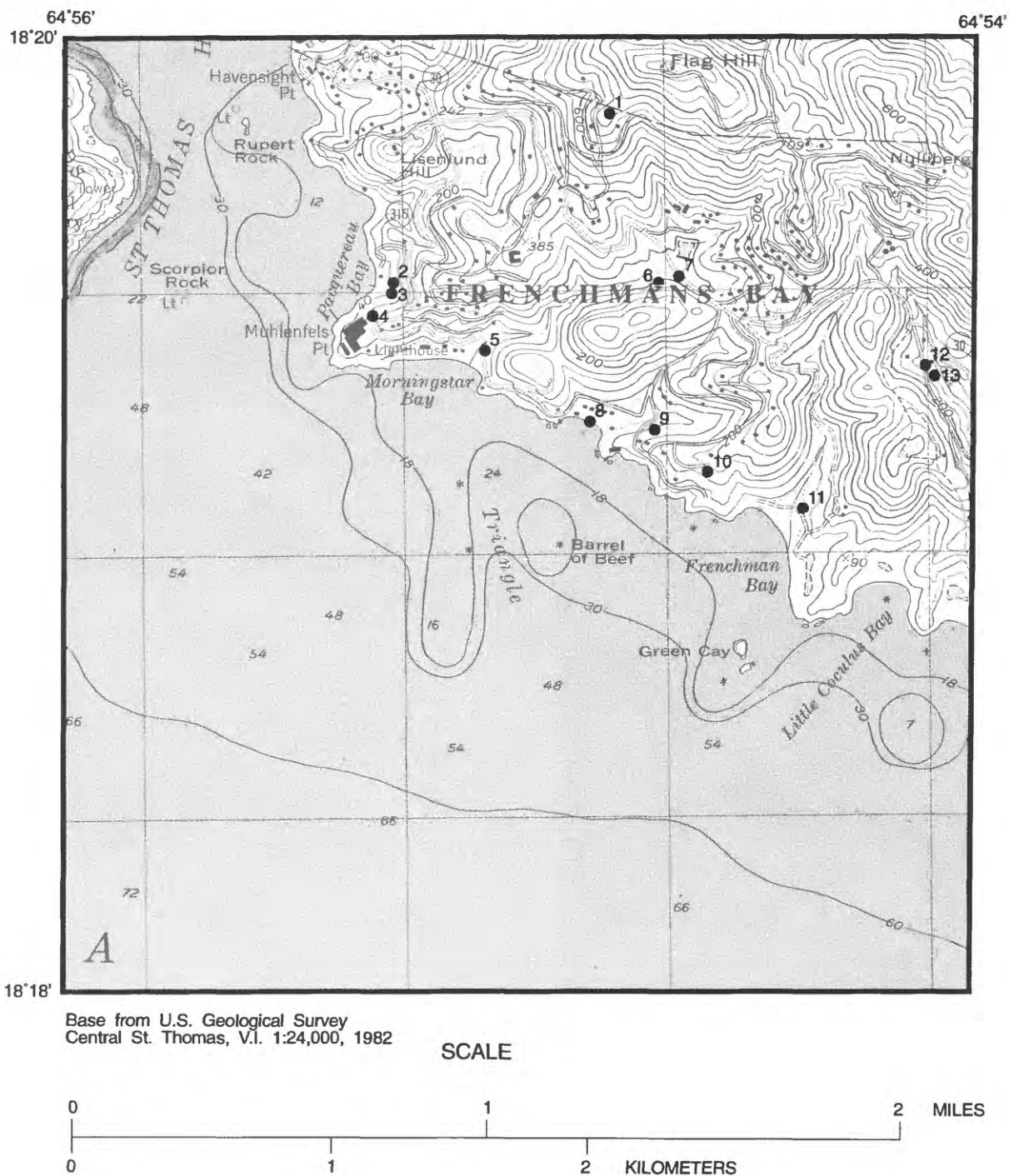


Figure 16. Location of wells on grid 14 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 14- in table 10 and appendixes A and B.

Table 10. Description of wells located on figure 16
[A, agricultural or stock well; C, commercial well; IS, institutional well; NU, well not in use; --, indicates data not available]

Well number on figure 16	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
14- 1	M. Carter	A	1981	585	--	6	open hole 40-585	640	--	--	reported yield 3
14- 2	Frenchman's Reef 3	NU	1981	235	--	6	--	5	8	06-01-90	reported yield 80
14- 3	Frenchman's Reef 1	C	1981	230	--	6	--	5	--	--	reported yield 125
14- 4	Frenchman's Reef Maintenance	NU	1981	350	--	6	--	50	34	05-16-90	reported yield 1
14- 5	Morning Star	C	1982	200	--	6	slotted 0-195	20	--	--	reported yield 35
14- 6	A. Willimason	NU	1955	--	11	96	--	170	5	06-06-90	--
14- 7	Antilles School	IS	--	--	--	6	--	180	pumping water level 29	06-29-90	reported yield 30
14- 8	Limetree Hotel	NU	1981	--	100	6	--	10	7	05-14-90	--
14- 9	A. Halpern	NU	--	60	--	6	--	20	7	05-15-90	--
14-10	F. Samad	NU	1985	300	--	6	slotted 25-65	160	--	--	--
14-11	F. Mercetelli	A	--	--	8	53	--	20	6	05-15-90	--
14-12	Hydrofarms north well	NU	1986	220	218	6	screened 34-84	85	27	06-29-90	reported yield 8
14-13	Hydrofarms south well	NU	1986	110	101	6	screened 15-75	80	25	06-06-90	reported yield 20

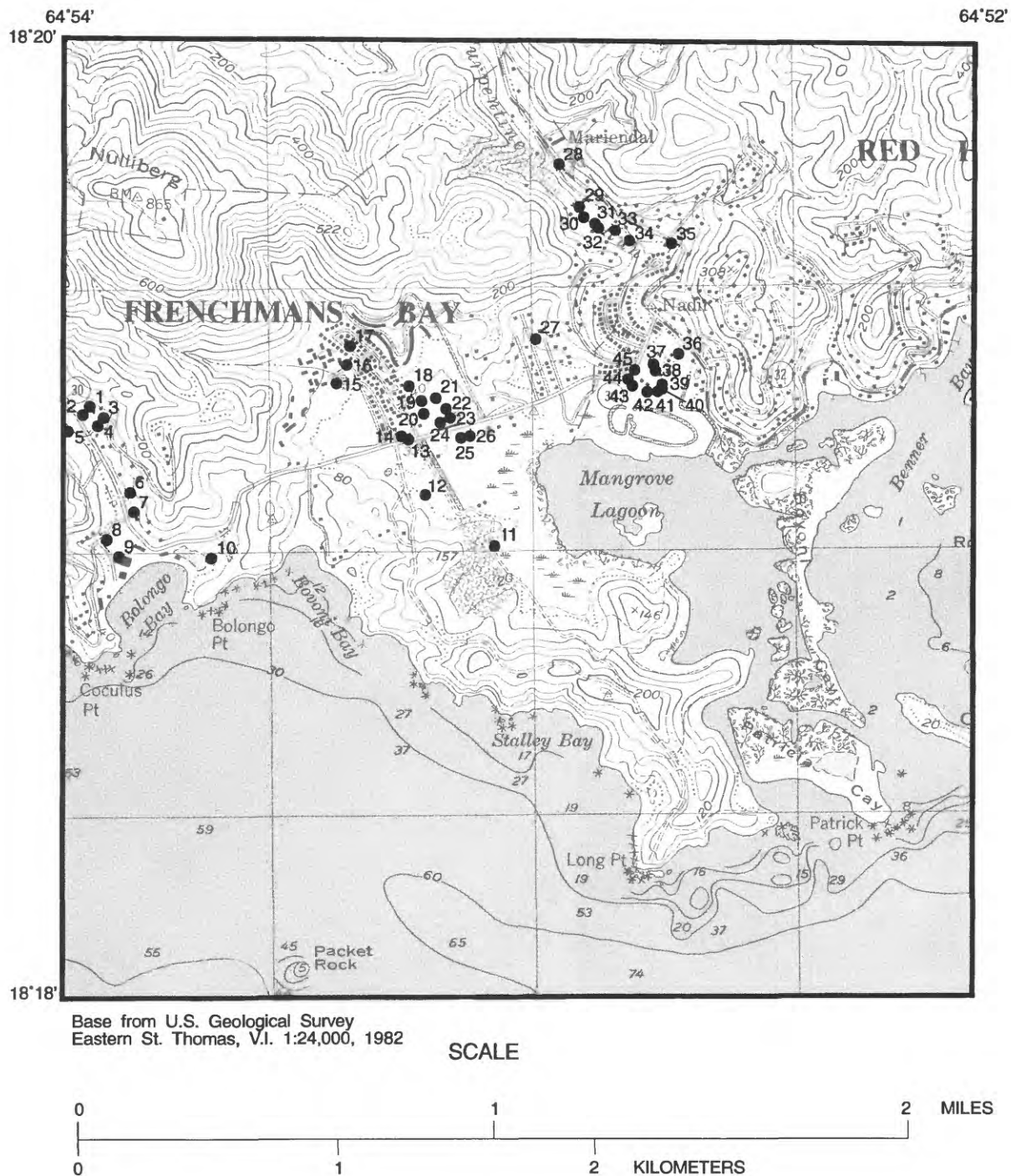


Figure 17. Location of wells on grid 15 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 15- in table 11 and appendixes A and B.

Table 11. Description of wells located on figure 17
[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 17	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
15- 1	A. Joseph	D	1987	150	--	6	slotted 50-90	70	29	06-06-90	reported yield 15
15- 2	E. Cherian	D	1965	70	66	6	open hole 30-70	60	17	06-05-90	reported yield 15
15- 3	R. Greenberg	D	1988	100	--	6	--	50	--	--	reported yield 10
15- 4	McGowen	D	--	75	--	6	--	45	20	06-04-90	--
15- 5	Charlie's Trucking	NU	1987	200	--	6	slotted 60-100	60	23	06-27-90	reported yield 20
15- 6	R. Moran	NU	1965	50	47	6	open hole 30-50	30	20	10-04-90	reported yield 7
15- 7	G. Black	D	1965	50	--	6	open hole 30-50	20	--	--	reported yield 30
15- 8	Bolongo Bay Hotel	NU	1965	85	--	6	open hole 24-85	20	20	06-01-90	--
15- 9	Bolongo Bay Hotel supply well	C	1985	155	--	6	screened 125-155	15	--	--	reported yield 75
15-10	F. Vialet	NU	--	9	9	120	--	10	2	10-16-90	--
15-11	Bovoni landfill	NU	--	--	22	6	--	15	7	06-27-90	--
15-12	R. Charles	--	1981	70	--	6	--	20	10	08-10-90	reported yield 20
15-13	Bovoni Baptist Mission	NU	1977	55	--	6	open hole 30-50	40	21	06-11-90	reported yield 7
15-14	Bovoni Baptist Church	D	1977	66	--	6	open hole 40-66	40	--	--	reported yield 7
15-15	Thomasville Coop 1	PS	1985	185	--	6	slotted 40-120	70	--	--	--

Table 11. Description of wells located on figure 17--Continued
[D, domestic well; C, commercial well; NU, well not in use; --, Indicates data not available]

Well number on figure 17	Well name	Use of water	Year cons- tructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and finish interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
15-16	Thomasville Coop 2	NU	1989	250	--	6	open hole 100-250	70	51	06-25-90	reported yield 4
15-17	Stevens	D	1980	100	--	6	open hole 80-100	85	--	--	reported yield 5
15-18	A. Lima 4	NU	1981	100	--	6	slotted 30-60	33	28	07-13-90	reported yield 5
15-19	A. Lima 2	NU	1981	110	--	6	slotted 40-80	29	--	--	reported yield 30
15-20	A. Lima 1	NU	1981	110	--	6	slotted 25-85	26	21	07-17-90	reported yield 25
15-21	A. Lima 3	NU	1981	155	--	6	slotted 40-80	27	--	--	reported yield 25
15-22	A. Lima 5	NU	1981	155	--	6	slotted 60-100	22	19	07-17-90	reported yield 70-75
15-23	A. Lima 6	NU	--	220	--	6	--	20	15	07-17-90	reported yield 90
15-24	A. Lima 7	NU	1988	200	--	6	slotted 65-85	20	18	07-17-90	reported yield 90
15-25	M. Lima	NU	--	--	11	84	--	15	8	06-11-90	--
15-26	Lima Superette	C	1987	95	--	6	slotted 60-80	15	--	--	reported yield 40
15-27	Industrious	D	1966	60	--	6	open hole 30-60	40	--	--	--
15-28	Dench	NU	--	140	136	6	open hole 35-140	45	13	03-07-90	--
15-29	Poly Caribe/Devcon 1	C	1981	160	--	6	slotted 60-80	35	--	--	reported yield 15

Table 11. Description of wells located on figure 17--Continued

[A, agriculture or stock well; C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 17	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
15-30	Poly Caribe/Devcon 2	C	1980	250	--	6	slotted 60-80	35	--	--	reported yield 18
15-31	Poly Caribe/Devcon 3	C	1982	250	--	6	slotted 80-100	35	--	--	reported yield 12
15-32	Poly Caribe/Devcon 4	NU	1981	160	--	6	--	35	--	--	reported yield 10
15-33	Vessup	--	1966	40	--	6	--	--	--	--	--
15-34	VI Water and Power Authority/Dede well - USGS-11	PS	1964	60	--	6	open hole 38-60	60	--	--	--
15-35	Lantern Laundry	C	--	--	--	6	--	35	--	--	--
15-36	VI Government/dug well near Abattoir	NU	--	15	--	120	--	25	--	--	--
15-37	VI Government/Abattoir east well	NU	--	--	23	6	--	15	4	03-08-90	--
15-38	Humane Society	A	--	--	20	6	--	9	4	03-08-90	--
15-39	S. Rollins	--	--	--	7	36	--	10	3	06-29-90	--
15-40	I. Lake	D	--	--	8	36	--	10	2	06-29-90	--
15-41	Fleming	--	--	--	8	--	--	10	2	06-29-90	--
15-42	M. Griffin	D	1974	--	4	36	--	10	1	06-29-90	--
15-43	J. Sánchez	PS	--	15	--	--	--	15	6	10-09-90	--
15-44	VI Government/Race Track	A	1982	--	10	43	--	15	--	--	--
15-45	VI Government/Abattoir west well	NU	--	--	--	6	--	15	4	03-08-90	--

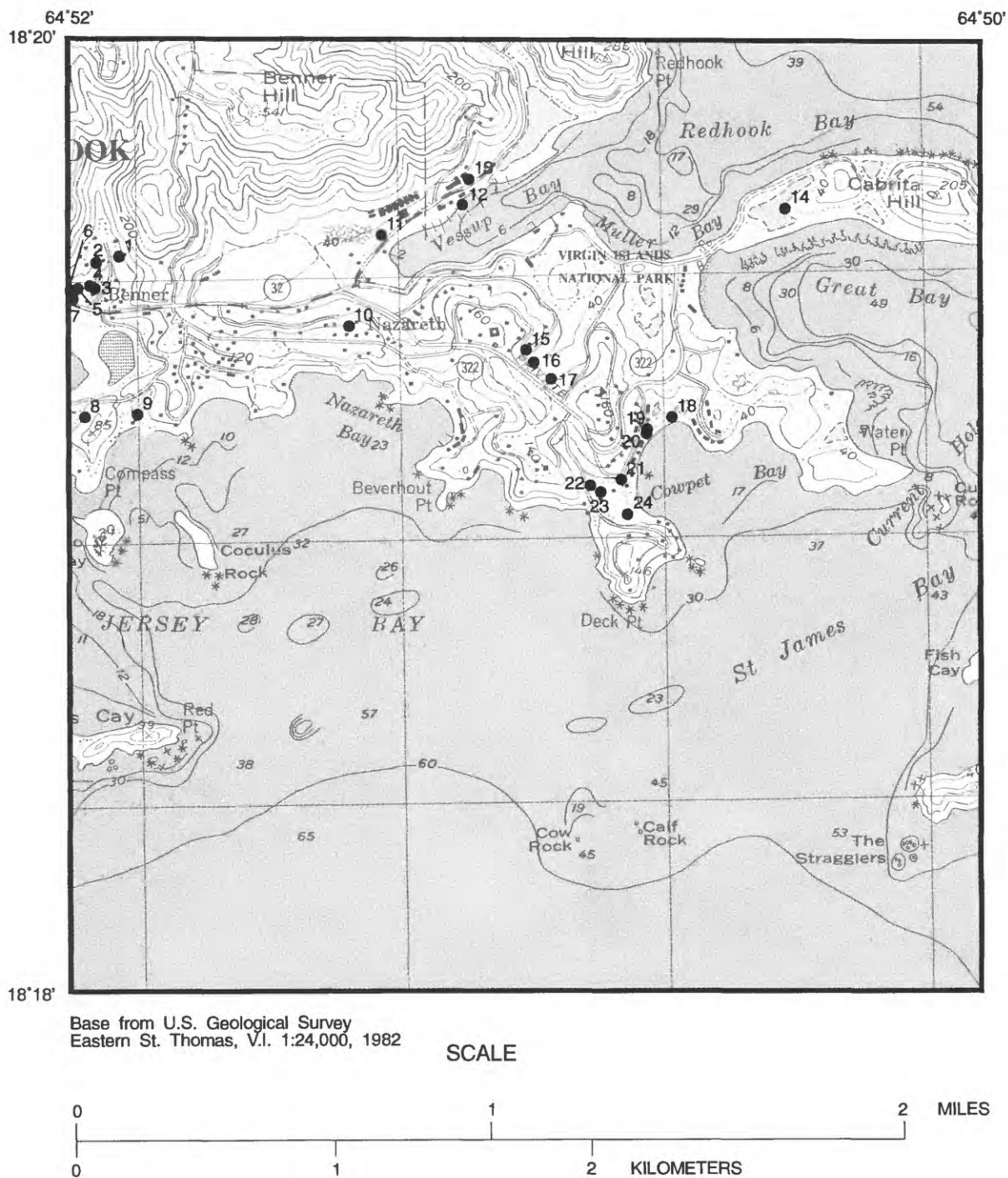


Figure 18. Location of wells on grid 16 of figure 1. The well numbers shown on this figure correspond to the well numbers which begin with 16- in table 12 and appendixes A and B.

Table 12. Description of wells located on figure 18
[C, commercial well; D, domestic well; IS, institutional well; NU, well not in use; --, indicates data not available]

Well number on figure 18	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
16- 1	Harrigan	D	--	64	62	6	--	55	29	10-02-90	reported yield 3-5
16- 2	Peters	D	--	--	--	6	--	50	31	10-02-90	--
16- 3	E. Haynes	D	1978	55	74	6	open hole 26-74	30	pumping water level 51	07-03-90	reported yield 5
16- 4	VI Government near A. Richards	NU	1945	--	44	40	--	30	21	07-03-90	--
16- 5	A. Richards	D	1978	60	--	6	--	30	--	--	reported yield 7
16- 6	J. Brin	NU	1978	50	50	6	open hole 35-50	20	20	10-10-90	reported yield 4
16- 7	J. Gimenez	D	--	35	15	84	--	10	9	07-03-90	--
16- 8	Compass Point	NU	1986	250	--	6	--	10	3	07-02-90	reported yield 20
16- 9	D. Scott	C	1981	110	--	6	open hole 35-110	25	16	07-02-90	reported yield 12
16-10	L. Olive	D	--	200	--	6	open hole 40-110	100	--	--	--
16-11	Eudora Kean School	IS	1989	--	--	6	--	40	--	--	--
16-12	American Yacht Harbor	C	--	100	--	6	open hole 20-100	5	pumping water level 60	07-09-90	reported yield 21
16-13	Red Hook Plaza	NU	1987	200	200	6	open hole 100-200	40	75	10-25-90	reported yield 20
16-14	Cabrita Point Condo	NU	1986	95	88	6	slotted 40-80	15	7	07-09-90	--
16-15	S. Harrington	D	--	--	--	6	--	50	56	05-01-90	--
16-16	R. Alexander	D	--	--	--	6	--	40	--	--	--

Table 12. Description of wells located on figure 18--Continued
[C, commercial well; D, domestic well; PS, public-supply well; NU, well not in use; --, indicates data not available]

Well number on figure 18	Well name	Use of water	Year constructed	Reported depth of well (feet)	Measured depth of well (feet)	Casing diameter (inches)	Type of well finish and interval (feet)	Land surface altitude of well (feet)	Depth to water below land surface datum (feet)	Date water level measured (month-day-year)	Yield (gallons per minute)
16-17	G. Brown	D	1981	230	--	6	slotted 45-60	45	53	07-06-90	reported yield 15
16-18	Cowpet East	NU	1981	20	--	6	screened 15-20	5	--	--	reported yield 25
16-19	Elysian Beach Resort	C	1988	65	--	6	--	7	--	--	--
16-20	Cowpet West 2	PS	1978	75	--	6	open hole 34-75	5	7	05-01-90	reported yield 100
16-21	Cowpet West 1	NU	1978	200	37	6	open hole 16-200	45	--	--	--
16-22	Anchorage Beach Villa Condo 1	NU	--	125	--	6	slotted 20-60	20	--	--	reported yield 8-10
16-23	St. Thomas Yacht Club	NU	1970	6	5	24	--	15	2	10-09-90	--
16-24	Anchorage Beach Villa Condo 2	PS,C	1983	15	--	24	--	5	--	--	reported yield 12

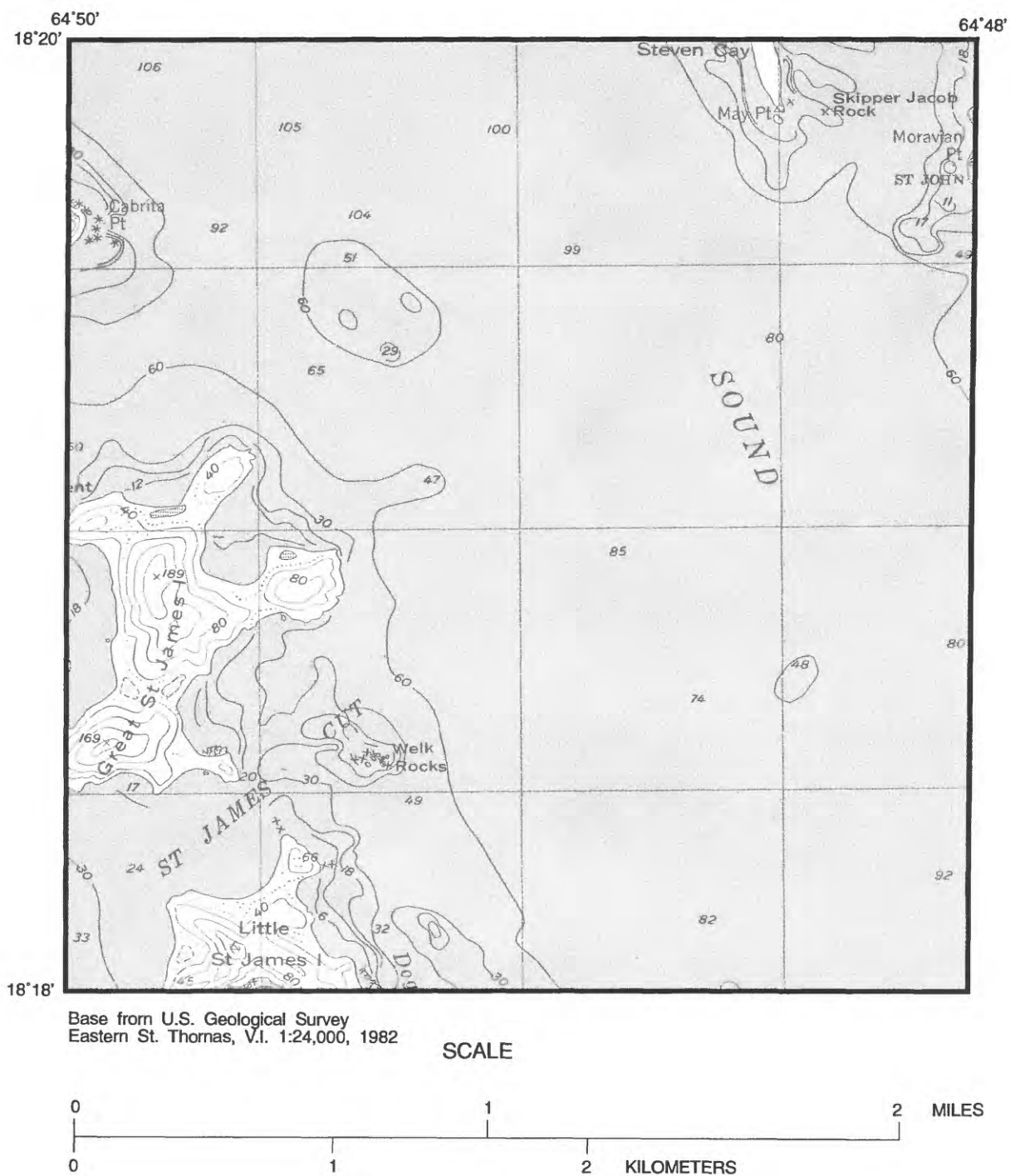


Figure 19. Grid 17 of figure 1.

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
2- 1	4	C. Bushfield	Caret Bay	182214064584500
3- 1	5	Dorothea Beach Resort 2	Dorothea	182213064574500
3- 2	5	Dorothea Beach Resort 3	Dorothea	182212064574400
3- 3	5	Dorothea Beach Resort 4	Dorothea	182212064574401
3- 4	5	Dorothea Beach Resort dug well	Dorothea	182214064574200
3- 5	5	Dorothea Beach Resort 8	Dorothea	182213064574101
3- 6	5	Dorothea Beach Resort 7	Dorothea	182213064574100
3- 7	5	Dorothea Beach Resort 6	Dorothea	182213064574200
3- 8	5	Dorothea Beach Resort 5	Dorothea	182212064574200
3- 9	5	Dorothea Beach Resort 9	Dorothea	182212064574201
3-10	5	Dorothea Beach Resort Gut well	Dorothea	182212064573900
3-11	5	R. Laplace	Hull	182214064571700
3-12	5	Hull Hideaway	Hull	182215064570800
3-13	5	L. Laplace	Hull	182215064570700
3-14	5	L. Laplace irrigation well	Hull	182215064570500
3-15	5	L. & S. Bryan	Hull	182215064565800
3-16	5	A. Newmann	St. Peter	182216064564000
6- 1	8	W. Wernicke	Fortuna	182046065010500
7- 1	9	Perseverance Bay well	Perseverance	182116064595400
7- 2	9	B. Nelthrup	Lindberg Bay	182129064581200
7- 3	9	University of the Virgin Islands Reichold Center D	John Brewer's Bay	182050064583100
7- 4	9	University of the Virgin Islands Reichold Center A	John Brewer's Bay	182047064583100
7- 5	9	University of the Virgin Islands Reichold Center C	John Brewer's Bay	182047064583000
7- 6	9	University of the Virgin Islands Reichold Center B	John Brewer's Bay	182048064582900
7- 7	9	University of the Virgin Islands 3	Lindberg Bay	182045064581700
7- 8	9	University of the Virgin Islands 2	Lindberg Bay	182039064581500
7- 9	9	University of the Virgin Islands 1	Lindberg Bay	182036064581300
7-10	9	University of the Virgin Islands S1	Lindberg Bay	182033064581400

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
7-11	9	University of the Virgin Islands S2	Lindberg Bay	182033064581100
7-12	9	University of the Virgin Islands S4	Lindberg Bay	182031064581000
7-13	9	University of the Virgin Islands S3	Lindberg Bay	182033064580700
7-14	9	University of the Virgin Islands dug well	Lindberg Bay	182032064580700
7-15	9	Kirwan Terrace Housing D	Lindberg Bay	182035064580000
7-16	9	Kirwan Terrace Housing C	Lindberg Bay	182035064580001
7-17	9	Kirwan Terrace Housing dug well	Lindberg Bay	182040064580300
7-18	9	Kirwan Terrace Housing A	Lindberg Bay	182042064580200
7-19	9	University of the Virgin Islands E1	Lindberg Bay	182045064580800
7-20	9	V. Greaux	Lindberg Bay	182047064580000
7-21	9	USGS-8	Lindberg Bay	182049064580500
7-22	9	E. Dudovick (Thatch Farm Family well)	Lindberg Bay	182050064580400
8- 1	10	A. Esquelin	Dorothea	182142064575300
8- 2	10	Dorothea Agriculture Station USGS-4	Dorothea	182142064574500
8- 3	10	Michael Bryan	Dorothea	182137064575300
8- 4	10	Bryan Plants unused well	Dorothea	182137064575001
8- 5	10	Bryan Plants west well	Dorothea	182137064575000
8- 6	10	Bryan Plants east well	Dorothea	182137064574800
8- 7	10	Dorothea Agriculture Station dry well	Dorothea	182139064574700
8- 8	10	J. Joseph	Hull	182150064571200
8- 9	10	J. Reisburg	St. Peter	182154064564700
8-10	10	D. Berry	Lerkenlund	182136064562000
8-11	10	B. Koenig	Lilliendahl	182109064572000
8-12	10	A. Mack	Upper John Dunkoe	182100064571200
8-13	10	F. Isaac	Upper John Dunkoe	182059064570000
8-14	10	M. Carty	Upper John Dunkoe	182057064570300
8-15	10	S. Kessler	Lower John Dunkoe	182049064570200
8-16	10	J. Spencer	Contant	182049064572700
8-17	10	Peterson	Lindberg Bay	182050064575600
8-18	10	Jackson	Lindberg Bay	182048064574700
8-19	10	Kurach	Lindberg Bay	182045064575100

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
8-20	10	W. Smith	Lindberg Bay	182043064574900
8-21	10	S. Joshua	Lindberg Bay	182043064575300
8-22	10	Kirwan Terrace Housing B	Lindberg Bay	182038064575700
8-23	10	J. Odato	Lindberg Bay	182037064575000
8-24	10	Delagard	Lindberg Bay	182035064575300
8-25	10	F. El-Haj	Lindberg Bay	182032064574800
8-26	10	Sunny Mountain Water	Lindberg Bay	182031064574700
8-27	10	Island Beachcomber Hotel	Lindberg Bay	182017064575200
8-28	10	Rock Crusher Plant	Lindberg Bay	182024064574200
8-29	10	Muhsen/Muhsen	Contant	182028064573800
8-30	10	W. Turnbull Estate Contant west well	Contant	182029064573300
8-31	10	W. Turnbull Estate Contant east well	Contant	182028064573200
8-32	10	A. King	Contant	182027064573300
8-33	10	Virgin Islands Development Corp.	Contant	182025064573300
8-34	10	Supercat laundry	Contant	182025064573301
8-35	10	Friendly Supermarket	Contant	182024064573400
8-36	10	J. Monsanto	Nisky	182018064571800
8-37	10	E. Quaniang	Contant	182022064571800
8-38	10	F. Esquirdo	Contant	182023064571100
8-39	10	Bamboushay club	Contant	182024064571100
8-40	10	L. Olive	Contant	182028064571200
8-41	10	Aubain	Contant	182028064571000
8-42	10	M. Hughes	Contant	182036064571500
8-43	10	Soto Town	Contant	182038064571400
8-44	10	W. White	Contant	182042064571400
8-45	10	Vanterpool	Contant	182042064571200
8-46	10	Virgin Isle Hotel	Lower John Dunkoe	182039064570200
8-47	10	H. Richards	Contant	182029064565800
8-48	10	J. Gifft	Contant	182029064565600
8-49	10	Gilmore Enterprises	Contant	182024064565700
8-50	10	Gottlieb Quick Way	Contant	182024064565200
8-51	10	L. Mitchell	Contant	182026064565200
8-52	10	K. Thomas	Contant	182028064565300
8-53	10	V. Hendricks	Contant	182028064565200
8-54	10	Linden Corp.	Altona	182024064564200
8-55	10	Housing, Parks, and Recreation/ Altona north well	Altona	182036064564100
8-56	10	Housing, Parks, and Recreation/ Altona south well	Altona	182035064564100
8-57	10	H. Lanclos	Anna's Fancy	182035064563100

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
8-58	10	VI Government/ Municipal Cemetery	Anna's Fancy	182033064563100
8-59	10	C. Christopher	Anna's Fancy	182037064562700
8-60	10	H. Turnbull	City of Charlott Amalie	182035064562100
8-61	10	Pure Tropical Water	City of Charlotte Amalie	182031064561700
8-62	10	F. Magras	City of Charlotte Amalie	182031064561701
8-63	10	V. Lettsome	Staabi	182049064561900
8-64	10	VI Government/ Barnaber well	City of Charlotte Amalie	182047064561000
8-65	10	H. Turnbull	City of Charlotte Amalie	182044064561200
9- 1	11	Magens Beach dug well	Magens Bay	182157064552200
9- 2	11	Magens Beach drilled well	Magens Bay	182155064552200
9- 3	11	Arboretum	Magens Bay	182136064553100
9- 4	11	D. Raimer	St. Joseph & Rosendal	182146064550500
9- 5	11	J. Ladée	St. Joseph & Rosendal	182143064545900
9- 6	11	Magens Point Hotel	St. Joseph & Rosendal	182141064545700
9- 7	11	St. Thomas Dairy E	St. Joseph & Rosendal	182142064545600
9- 8	11	St. Thomas Dairy F	St. Joseph & Rosendal	182141064545300
9- 9	11	St. Thomas Dairy A	St. Joseph & Rosendal	182142064545000
9-10	11	St. Thomas Dairy B	St. Joseph & Rosendal	182141064545000
9-11	11	St. Thomas Dairy supply well	Lovenlund	182149064544800
9-12	11	St. Thomas Dairy dug well	St. Joseph & Rosendal	182148064544700
9-13	11	Mahogany Run 1	Lovenlund	182150064544500
9-14	11	Mahogany Run 2	Lovenlund	182150064544100
9-15	11	Mahogany Run 3	Lovenlund	182148064543900
9-16	11	Mahogany Run 3A	Lovenlund	182148064543800
9-17	11	Mahogany Run 3B	Lovenlund	182147064543700
9-18	11	Mahogany Run 4	Lovenlund	182146064543600
9-19	11	Mahogany Run 5	Lovenlund	182145064543500
9-20	11	Mahogany Run 5a	Lovenlund	182144064543400
9-21	11	Mahogany Run 7	Lovenlund	182143064543300
9-22	11	Mahogany Run 8	Lovenlund	182142064543300

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
9-23	11	Mahogany Run 9	Lovenlund	182141064543300
9-24	11	Mahogany Run dug well	Lovenlund	182140064543200
9-25	11	Mahogany Run 11	Lovenlund	182140064543000
9-26	11	Mahogany Run 10 / St. Thomas Dairy USGS-3	Lovenlund	182138064543101
9-27	11	Mahogany Run 12	Lovenlund	182138064543000
9-28	11	Mahogany Run 14	Lovenlund	182135064542700
9-29	11	Mahogany Run 14A	Lovenlund	182135064542701
9-30	11	Mahogany Run 15	Lovenlund	182138064543100
9-31	11	Mahogany Run 16	Lovenlund	182138064542500
9-32	11	Mahogany Run 17	Lovenlund	182136064541900
9-33	11	F. McConnel	Canaan	182131064551300
9-34	11	A. Raimer	St. Joseph & Rosendal	182118064544900
9-35	11	Moorehead	St. Joseph & Rosendal	182117064544600
9-36	11	P. Clooney	Wintberg	182111064542500
9-37	11	A. Bornn	Wintberg	182105064542100
9-38	11	E. Lyons	Wintberg	182103064542400
9-39	11	National Park Service USGS-5	Wintberg	182059064541200
9-40	11	E. O'Brien	Mafolie	182113064555600
9-41	11	VI Government/ Department of Education	Litton's Fancy	182046064555500
9-42	11	VI Government/near Department of Education	Litton's Fancy	182046064555300
9-43	11	VI Government/ Wishing well	City of Charlotte Amalie	182037064555900
9-44	11	VI Government/ Back Street	City of Charlotte Amalie	182040064555400
9-45	11	Knud Hansen Complex drilled well	Hospital Ground	182053064553600
9-46	11	Knud Hansen Complex dug well	Hospital Ground	182050064553500
9-47	11	B. George	Hospital Ground	182049064552900
9-48	11	D. Michael	City of Charlotte	182042064553600
9-49	11	W. Turnbull	City of Charlotte Amalie	182042064553400
9-50	11	VI Government/ dug well by Wet Willy's	City of Charlotte Amalie	182035064553500
9-51	11	Bluebeards Castle Hotel 2	City of Charlotte Amalie	182033064553000

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
9-52	11	Bluebeards Castle Hotel 1	City of Charlotte Amalie	182030064552700
9-53	11	Barbel Assoc.	Thomas	182030064551800
9-54	11	VI Government/ Department of Human Services	Thomas	182030064551500
9-55	11	Hendricks	Thomas	182029064551200
9-56	11	C. Jensen	Thomas	182029064551000
9-57	11	Burnette Towers	Thomas	182028064551000
9-58	11	I. Estrill	Thomas	182029064550500
9-59	11	One Stop	Thomas	182033064550500
9-60	11	Lockhart School northwest corner	Thomas	182037064550500
9-61	11	Grade School well 3	Thomas	182038064550300
9-62	11	Water and Power Authority/ Wheatly Skill Center west well	Thomas	182041064550500
9-63	11	Water and Power Authority/ Wheatly Skill Center east well	Thomas	182041064550300
9-64	11	Water and Power Authority/ WAPA pump station	Thomas	182039064550000
9-65	11	Lockhart School northeast corner	Thomas	182038064550000
9-66	11	Lockhart School playground	Thomas	182033064550000
9-67	11	G. Blackhal	Thomas	182029064550100
9-68	11	Hallpicke	Thomas	182028064550200
9-69	11	Rodgers	Thomas	182025064550300
9-70	11	G. Hodge	Thomas	182026064550400
9-71	11	J. Blyden	Thomas	182025064550800
9-72	11	Moore	Thomas	182025064550600
9-73	11	L. Mathias	Thomas	182023064550600
9-74	11	E. Radsatt	Thomas	182023064550601
9-75	11	Walters	Thomas	182022064550500
9-76	11	A. Lima	Thomas	182023064550300
9-77	11	Yeppsen	Thomas	182024064550100
9-78	11	Yacht Haven Hotel	Thomas	182017064551300
9-79	11	St. Thomas Mall Inc.	Thomas	182020064550400
9-80	11	W. Turnbull Estate Thomas west well	Thomas	182014064550000
9-81	11	W. Turnbull Estate Thomas east well	Thomas	182015064545400
9-82	11	Wheatly Shopping Center	Thomas	182024064545000
9-83	11	G. Melchoir	Thomas	182028064545300

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
9-84	11	St. Thomas Hospital 3	Thomas	182031064545500
9-85	11	St. Thomas Hospital 2	Thomas	182033064545500
9-86	11	St. Thomas Hospital 1	Thomas	182036064545600
9-87	11	Lockhart Estate Thomas north well	Thomas	182037064544600
9-88	11	Daily News	Thomas	182035064544800
9-89	11	Virgin Islands Medical Association	Thomas	182033064544800
9-90	11	Lockhart Estate Thomas south well	Thomas	182032064544600
9-91	11	Lockhart/ Melchoir	Thomas	182030064544800
9-92	11	T. Frett	Thomas	182014064544100
9-93	11	L. Barbel	Raphune	182009064543300
9-94	11	Villa Blanca Hotel	Thomas	182021064543400
9-95	11	Lockhart dug well	Raphune	182017064542300
9-96	11	New Hernhut Mission	New Hernhut	182002064540700
9-97	11	Lockhart 5	Donoe	182015064540000
9-98	11	Lockhart 4	Donoe	182016064540000
9-99	11	Lockhart 3	Donoe	182016064535900
10- 1	12	Mandahl Beach	Mandahl	182141064535000
10- 2	12	VI Government/ Mandahl Beach	Mandahl	182137064533800
10- 3	12	V. Wallace	Mandahl	182124064532900
10- 4	12	Peace Corps School	Mandahl	182125064535700
10- 5	12	Mandahl Homestead well	Mandahl	182122064535900
10- 6	12	Demetry	Anna's Retreat	182042064533400
10- 7	12	Alpha Leonard	Anna's Retreat	182038064533300
10- 8	12	VI Government/ near treatment plant	Anna's Retreat	182039064534400
10- 9	12	VI Government/ Donoe 3	Donoe	182029064535200
10-10	12	M. Bryan 2	Donoe	182026064535800
10-11	12	M. Bryan 3	Donoe	182025064535800
10-12	12	M. Bryan 1	Donoe	182024064535800
10-13	12	Lockhart 1	Donoe	182018064535900
10-14	12	Lockhart 2	Donoe	182017064535900
10-15	12	I. Kirkerterp	Hoffman	182012064535400
10-16	12	J. Baugh	Charlotte Amalie	182017064534900
10-17	12	Pedersen	Hoffman	182009064534500
10-18	12	A. Sharp	Charlotte Amalie	182010064534200
10-19	12	E. Eglin	Charlotte Amalie	182011064534000

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
10-20	12	Harthman dug well	Charlotte Amalie	182023064533800
10-21	12	Harthman domestic well	Charlotte Amalie	182019064533500
10-22	12	VITELCO	Charlotte Amalie	182018064533200
10-23	12	Gassett Motors 1	Charlotte Amalie	182017064533000
10-24	12	Gassett Motors 2	Charlotte Amalie	182018064533100
10-25	12	Rodriguez Auto 2	Charlotte Amalie	182016064532900
10-26	12	Rodriguez Auto 3	Charlotte Amalie	182015064533000
10-27	12	Rodriguez Auto 4	Charlotte Amalie	182014064532900
10-28	12	Fort Mylner	Charlotte Amalie	182010064532900
10-29	12	Versailles Assoc.	Charlotte Amalie	182009064532800
10-30	12	Delagarde	Charlotte Amalie	182001064530800
10-31	12	Matthias	Charlotte Amalie	182008064531400
10-32	12	L. Smith	Charlotte Amalie	182009064531300
10-33	12	C. Hodge	Anna's Retreat	182012064531400
10-34	12	E. Steel	Anna's Retreat	182016064532000
10-35	12	O. Harvey	Anna's Retreat	182017064532200
10-36	12	Harthman near Gassett Motors	Charlotte Amalie	182018064532800
10-37	12	Crusher Well	Charlotte Amalie	182021064532500
10-38	12	G. Eglin 1	Anna's Retreat	182020064532000
10-39	12	G. Eglin 3	Anna's Retreat	182019064531900
10-40	12	G. Eglin 2	Anna's Retreat	182020064531900
10-41	12	Tom Cat laundry	Anna's Retreat	182021064531900
10-42	12	VI Government/ near Church of God Holiness	Anna's Retreat	182021064532000
10-43	12	Harthman Estate well USGS-25	Charlotte Amalie	182027064532900
10-44	12	Church of God Holiness	Anna's Retreat	182025064532300
10-45	12	Four Winds Plaza 2	Anna's Retreat	182027064531900

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
10-46	12	Four Winds Plaza 1	Anna's Retreat	182027064531800
10-47	12	E. Tillet	Anna's Retreat	182029064531500
10-48	12	Ramsey Motors	Anna's Retreat	182036064531600
10-49	12	Virgin Islands Housing Authority 1	Anna's Retreat	182037064531100
10-50	12	Virgin Islands Housing Authority 2	Anna's Retreat	182038064531200
10-51	12	Virgin Islands Housing Authority 3	Anna's Retreat	182048064531400
10-52	12	Virgin Islands Housing Authority 4	Anna's Retreat	182049064530900
10-53	12	C. F. Rosenberg USGS-2	Frydendahl	182048064524000
10-54	12	Super Pool Resturant	Frydendahl	182049064524000
10-55	12	Smith Bay Center	Frydendahl	182050064523800
10-56	12	A. Levia	Frydendahl	182051064523500
10-57	12	U. Pilgrim	Frydendahl	182054064523400
10-58	12	Fat Man's / C. Husband	Frydendahl	182053064522900
10-59	12	R. Mercer	Frydendahl	182100064522300
10-60	12	Stouffer Grand Beach Hotel A	Frydendahl	182057064521600
10-61	12	Stouffer Grand Beach Hotel B	Fryndenahl	182056064521700
10-62	12	Leonard	Frydendahl	182055064522100
10-63	12	A. Leonard 2	Frydendahl	182054064522000
10-64	12	A. Leonard 1	Frydendahl	182053064522100
10-65	12	S & S Service	Smith Bay	182050064521800
10-66	12	E. Francis	Smith Bay	182046064522300
10-67	12	Stouffer Grand Beach Hotel C	Frydendahl	182058064520600
10-68	12	Stouffer Grand Beach Hotel D	Frydendahl	182057064520600
10-69	12	Stouffer Grand Beach Hotel E	Frydendahl	182055064520600
10-70	12	Martin	Smith Bay	182043064521000
10-71	12	Lindquist/VI Government	Smith Bay	182041064521100
10-72	12	Sprauve	Smith Bay	182037064521200
10-73	12	Point Pleasant Resort 1	Smith Bay	182041064520300
10-74	12	Johnson	Smith Bay	182040064520400
11- 1	13	Point Pleasant Resort 2	Smith Bay	182040064520000
11- 2	13	S. Harthman Heirs	Smith Bay	182026064513400

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
11- 3	13	Lindquist	Smith Bay	182018064512800
11- 4	13	Sapphire Bay Condo West-supply well	Smith Bay	182018064511800
11- 5	13	Sapphire Bay Condo West-east well	Smith Bay	182017064511201
11- 6	13	Sapphire Bay Condo West-west well	Smith Bay	182017064511200
11- 7	13	S. Harthman Heirs USGS-23	Smith Bay	182001064510900
14- 1	16	M. Carter	Bakkeroe	181951064544900
14- 2	16	Frenchman's Reef 3	Bakkeroe	181929064551700
14- 3	16	Frenchman's Reef 1	Bakkeroe	181928064551700
14- 4	16	Frenchman's Reef maintenance	Bakkeroe	181925064552000
14- 5	16	Morning Star	Bakkeroe	181921064550500
14- 6	16	A. Williamson	Frenchman Bay	181929064544200
14- 7	16	Antilles School	Frenchman Bay	181930064543900
14- 8	16	Limetree Hotel	Frenchman Bay	181912064545100
14- 9	16	A. Halpern	Frenchman Bay	181911064544200
14-10	16	F. Samad	Frenchman Bay	181905064543600
14-11	16	F. Mercetelli	Frenchman Bay	181901064542300
14-12	16	Hydrofarms north well	Bolongo	181919064540700
14-13	16	Hydrofarms south well	Bolongo	181918064540600
15- 1	17	A. Joseph	Bolongo	181914064535700
15- 2	17	E. Cherian	Bolongo	181912064535700
15- 3	17	R. Greenberg	Bolongo	181913064535400
15- 4	17	McGowen	Bolongo	181911064535500
15- 5	17	Charlie's Trucking	Bolongo	181911064540000
15- 6	17	R. Moran	Bolongo	181903064535100
15- 7	17	G. Black	Bolongo	181901064535100
15- 8	17	Bolongo Bay Hotel	Bolongo	181857064535400
15- 9	17	Bolongo Bay Hotel supply well	Bolongo	181855064535200
15-10	17	F. Vialet	Bovoni	181855064534000
15-11	17	Bovoni landfill	Bovoni	181857064530300
15-12	17	R. Charles	Bovoni	181903064531200
15-13	17	Bovoni Baptist Mission	Bovoni	181910064531400
15-14	17	Bovoni Baptist Church	Bovoni	181910064531500
15-15	17	Thomasville Coop 1	Bovoni	181917064532400
15-16	17	Thomasville Coop 2	Bovoni	181919064532200
15-17	17	Stevens	Bovoni	181922064532200
15-18	17	A. Lima 4	Bovoni	181917064531400
15-19	17	A. Lima 2	Bovoni	181915064531300
15-20	17	A. Lima 1	Bovoni	181914064531300
15-21	17	A. Lima 3	Bovoni	181916064531200

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
15-22	17	A. Lima 5	Bovoni	181915064531000
15-23	17	A. Lima 6	Bovoni	181913064530900
15-24	17	A. Lima 7	Bovoni	181912064531000
15-25	17	M. Lima	Bovoni	181910064530800
15-26	17	Lima Superette	Bovoni	181910064530600
15-27	17	Industrious	Bovoni	181923064525800
15-28	17	Dench	Mariendahl	181945064525500
15-29	17	Poly Caribe/ Devcon 1	Mariendahl	181940064525200
15-30	17	Poly Caribe/ Devcon 2	Mariendahl	181938064525100
15-31	17	Poly Caribe/ Devcon 3	Mariendahl	181938064525000
15-32	17	Poly Caribe/ Devcon 4	Mariendahl	181937064524900
15-33	17	Vessep	Mariendahl	181936064524700
15-34	17	VI Water and Power Authority/Dede well - USGS-11	Mariendahl	181935064524400
15-35	17	Lantern laundry	Mariendahl	181935064524000
15-36	17	VI Government / dug well near Abattoir	Nadir	181920064523900
15-37	17	VI Government/ Abattoir east well	Nadir	181920064524200
15-38	17	Humane Society	Nadir	181921064524100
15-39	17	S. Rollins	Nadir	181917064524200
15-40	17	I. Lake	Nadir	181916064524100
15-41	17	Fleming	Nadir	181916064524200
15-42	17	M. Griffin	Nadir	181916064524300
15-43	17	J. Sanchez	Nadir	181917064524501
15-44	17	VI Government/ Race track	Nadir	181917064524500
15-45	17	VI Government/ Abattoir west well	Nadir	181918064524400
16- 1	18	Harrigan	Frydenhoj	181933064515300
16- 2	18	Peters	Frydenhoj	181932064515600
16- 3	18	E. Haynes	Frydenhoj	181929064515600
16- 4	18	VI Government/ near A. Richards	Frydenhoj	181929064515700
16- 5	18	A. Richards	Frydenhoj	181929064515900
16- 6	18	J. Brin	Frydenhoj	181929064520000
16- 7	18	J. Gimenez	Frydenhoj	181927064520000
16- 8	18	Compass Point	Frydenhoj	181913064515800
16- 9	18	D. Scott	Frydenhoj	181914064515100
16-10	18	L. Olive	Nazareth	181924064512300
16-11	18	Eudora Kean School	Nazareth	181936064511900
16-12	18	American Yacht Harbor	Nazareth	181939064510700
16-13	18	Red Hook Plaza	Smith Bay	181943064510800

Appendix A. Well names, Estates, and site-identification numbers of wells on St. Thomas, U.S. Virgin Islands--Continued

Well number	Figure number	Well name	Estate (see figure 2)	Site identification number
16-14	18	Cabrita Point Condo	Nazareth	181939064502500
16-15	18	S. Harrington	Nazareth	181921064505900
16-16	18	R. Alexander	Nazareth	181920064505800
16-17	18	G. Brown	Nazareth	181919064505700
16-18	18	Cowpet East	Nazareth	181913064504000
16-19	18	Elysian Beach Resort	Nazareth	181911064504300
16-20	18	Cowpet West 2	Nazareth	181910064504300
16-21	18	Cowpet West 1	Nazareth	181905064504700
16-22	18	Anchorage Beach Villas Condo 1	Nazareth	181904064505100
16-23	18	St. Thomas Yacht Club	Nazareth	181903064505000
16-24	18	Anchorage Beach Villa Condo 2	Nazareth	181900064504600

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands
[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
2- 1	4	Unconsolidated material 0-18 Bedrock 18	Owner estimated daily pumpage is 1,300 gallons.
3- 1	5	--	--
3- 2	5	--	--
3- 3	5	Unconsolidated material 0-45 Bedrock 45	Well is plugged at 25 feet.
3- 4	5	--	Water-level data for 1963-65 available under "Well 4" in Robison and others, 1973.
3- 5	5	--	Well used in supply of condominiums. Well owned by D and C Development.
3- 6	5	Unconsolidated material 0-30 Bedrock 30	--
3- 7	5	Unconsolidated material 0-26 Bedrock 26	Owner estimated daily pumpage is 10,000 gallons. Well could pump 40,000 gallons per day. Well used in supply of condominiums. Well owned by D and C Development.
3- 8	5	Unconsolidated material 0-55 Bedrock 55	--
3- 9	5	Unconsolidated material 0-30 Bedrock 30	--
3-10	5	--	--
3-11	5	--	--
3-12	5	--	--
3-13	5	--	Well constructed in early 1970's.
3-14	5	--	Well constructed about 1985.
3-15	5	--	--
3-16	5	Unconsolidated material 0-12 Bedrock 12	--
6- 1	8	--	Well dug in 1964 or 1965. Owner estimated daily pumpage is 5,000 gallons.
7- 1	9	--	Well dug about 1750.
7- 2	9	--	--
7- 3	9	--	--
7- 4	9	--	--
7- 5	9	--	--
7- 6	9	--	Maintenance personnel estimated daily pumpage is 20,000 gallons.

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
7- 7	9	Unconsolidated material 0-14 Bedrock 14	--
7- 8	9	--	Maintenance personnel estimated daily pumpage of University of Virgin Islands wells 1 and 2 is 40,000 gallons.
7- 9	9	--	--
7-10	9	--	--
7-11	9	--	--
7-12	9	--	--
7-13	9	--	--
7-14	9	--	Well dug in the 1940's. Water-level data for 1962-68 available under "Well 44" in Robison and others, 1973.
7-15	9	--	--
7-16	9	--	--
7-17	9	--	--
7-18	9	--	--
7-19	9	--	--
7-20	9	--	--
7-21	9	Unconsolidated material 0-23 Bedrock 23	Well pumped dry after 7 hours at 6 gallons per minute. Water-level data for 1963-69 available under "Well 43" in Robison and others, 1973.
7-22	9	Unconsolidated material 0-22 Bedrock 22	U.S. Geological Survey observation well from March 1982 to present.
8- 1	10	--	Well drilled around 1980. Owner reports daily pumpage is less than 100 gallons.
8- 2	10	--	Water-level data for 1963-69 available under "Well 2" in Robison and others, 1973.
8- 3	10	--	--
8- 4	10	Unconsolidated material 0-40 Bedrock 40	--
8- 5	10	--	Owner reported daily pumpage is 300-400 gallons.
8- 6	10	--	--
8- 7	10	--	--
8- 8	10	Unconsolidated material 0-5 Bedrock 5	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
8- 9	10	--	Owner reports weekly pumpage of 170 gallons.
8-10	10	--	Owner reported yield of 5-15 gallons per minute in dry season and 10-15 gallons per minute in the wet season.
8-11	10	Unconsolidated material 0-26 Bedrock 26	--
8-12	10	--	Well drilled in the late 1970's. Owner estimated daily pumpage is 80-120 gallons.
8-13	10	Unconsolidated material 0-14 Bedrock 14	--
8-14	10	Unconsolidated material 0-34 Bedrock 34	--
8-15	10	--	Well drilled in 1980's.
8-16	10	--	Well drilled early 1980's.
8-17	10	--	--
8-18	10	Unconsolidated material 0-10 Bedrock 10	Driller reported well as dry.
8-19	10	--	Well blocked at 25 feet. No water level.
8-20	10	Unconsolidated material 0-40 Bedrock 40	--
8-21	10	--	Well was dug about 1955. Well is capped.
8-22	10	--	--
8-23	10	--	Well was dug before the 1900's.
8-24	10	--	--
8-25	10	Unconsolidated material 0-4 Bedrock 4	--
8-26	10	Unconsolidated material 0-13 Bedrock 13	--
8-27	10	--	Well was cleaned out and new 4-inch PVC pipe installed in 1983.
8-28	10	--	--
8-29	10	Unconsolidated material 0-24 Bedrock 24	Pumping water level is 60-62 feet. Well used in supply of apartments.
8-30	10	--	Depth to water is approximately 31 feet.
8-31	10	--	--
8-32	10	--	--
8-33	10	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
8-34	10	--	Depth reported to be between 90 and 110 feet with 4-inch casing inside of 6-inch casing.
8-35	10	--	--
8-36	10	--	Owner reports an estimated daily pumpage of 380 gallons.
8-37	10	--	--
8-38	10	--	--
8-39	10	--	--
8-40	10	--	--
8-41	10	--	Well dug around 1929.
8-42	10	Unconsolidated material 0-20 Bedrock 20	Water is also used for small laundry on site. 4-inch casing is inside 6-inch casing.
8-43	10	Unconsolidated material 0-15 Bedrock 15	--
8-44	10	--	Well used in supply of 23 apartments.
8-45	10	Unconsolidated material 0-8 Bedrock 8	Well drilled in the early 1980's.
8-46	10	--	Owner reported well yield as trace.
8-47	10	--	Well drilled in the 1970's, and depth is reported to be between 55 and 60 feet.
8-48	10	--	--
8-49	10	Unconsolidated material 0-15 Bedrock 15	Well drilled in the early 1980's.
8-50	10	--	--
8-51	10	--	Well was dug before 1900.
8-52	10	--	Casing diameter is approximately 3 feet.
8-53	10	--	Outside diameter is 10 feet and depth is reported to be between 30-35 feet.
8-54	10	--	--
8-55	10	--	--
8-56	10	--	--
8-57	10	--	--
8-58	10	--	Well was dug mid-1700's.

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued

[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
8-59	10	Unconsolidated material 0-28 Bedrock 28	Well used in supply of approximately 13 apartments.
8-60	10	--	--
8-61	10	Unconsolidated material 0-40 Bedrock 40	Owner estimated daily pumpage is 14,000 gallons.
8-62	10	--	--
8-63	10	--	Owner estimated daily pumpage is 250-400 gallons.
8-64	10	--	--
8-65	10	Unconsolidated material 0-52	--
9- 1	11	--	24-inch casing inside of the 120-inch casing.
9- 2	11	Unconsolidated material 0-65	--
9- 3	11	--	--
9- 4	11	--	Well dug about 1750.
9- 5	11	Unconsolidated material 0-5 Bedrock 5	--
9- 6	11	Unconsolidated material 0-5 Bedrock 5	Maintenance personnel estimated daily pumpage is 1,500 gallons or 2,000 gallons if rainfall is high.
9- 7	11	Unconsolidated material 0-3 Bedrock 3	--
9- 8	11	Unconsolidated material 0-10 Bedrock 10	--
9- 9	11	--	4-inch casing inside of 6-inch casing.
9-10	11	--	Well drilled before 1975.
9-11	11	--	4-inch perforated casing inside of the 6-inch casing.
9-12	11	--	--
9-13	11	--	--
9-14	11	--	Water is also used for golf course. Well used in supply of condominiums. Owned by M.R. Holdings Inc.
9-15	11	--	Water is also used for golf course. Well used in supply of condominiums. Owned by M.R. Holdings Inc.
9-16	11	--	--
9-17	11	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
9-18	11	--	--
9-19	11	--	Water is also used for golf course. Well used in supply of condominiums. Owned by M.R. Holdings Inc.
9-20	11	--	--
9-21	11	--	Estimated pumping water level is 75 feet. Well used in supply of condominiums. Owned by M.R. Holdings Inc.
9-22	11	--	Well owned by M.R. Holdings Inc.
9-23	11	--	Well owned by M.R. Holdings Inc.
9-24	11	--	Well dug before 1860. Water-level data for 1962-68 available under "Well 8" in Robison and others 1973.
9-25	11	--	Well owned by M.R. Holdings Inc.
9-26	11	--	Water-level data for 1963-69 available under "Well 7" in Robison and others, 1973.
9-27	11	--	--
9-28	11	--	--
9-29	11	--	Well owned by M.R. Holdings Inc.
9-30	11	--	--
9-31	11	--	--
9-32	11	--	Well partially blocked at 17 feet.
9-33	11	Unconsolidated material 0-10 Bedrock 10	4-inch casing reported from 0 to 20 feet. Estimated daily pumpage is 450 gallons.
9-34	11	--	Well dug during the 1700's. Water-level data for 1962-64 available under "Well 5" in Robison and others, 1973.
9-35	11	--	--
9-36	11	--	--
9-37	11	--	--
9-38	11	--	7.5-inch casing visible at surface.
9-39	11	--	Well is blocked at 70 feet, no water level. Water-level data for 1963-69 available under "Well 6" in Robison and others, 1973.
9-40	11	--	--
9-41	11	--	--
9-42	11	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
9-43	11	--	Well dug in the mid-1700's.
9-44	11	--	--
9-45	11	--	--
9-46	11	--	Well dug before 1919.
9-47	11	--	--
9-48	11	--	Owner plans to use well for public supply.
9-49	11	Unconsolidated material 0-15 Bedrock 15	--
9-50	11	--	--
9-51	11	Unconsolidated material 0-6 Bedrock 6	--
9-52	11	Unconsolidated material 0-40 Bedrock 40	6-inch casing from 0 to 100 feet with 4-inch slotted screen inside.
9-53	11	Unconsolidated material 0-25 Bedrock 25	4-inch casing inside of the 6-inch casing.
9-54	11	--	--
9-55	11	--	Well dug about 1945.
9-56	11	--	Well dug in late 1950's and casing diameter is 48-60 inches.
9-57	11	Unconsolidated material 0-36	Well owned by Burnette Tower Apartments.
9-58	11	--	Well dug in the 1950's.
9-59	11	--	Drilled in late 1980's.
9-60	11	--	Well is blocked at 31 feet.
9-61	11	--	U.S. Geological Survey observation well. Well owned by Water and Power Authority.
9-62	11	--	Well owned by the Water And Power Authority.
9-63	11	Unconsolidated material 0-45 Bedrock 45	Well owned by the Water And Power Authority.
9-64	11	--	Well was reported as dry, yield less than 1 gallon per minute.
9-65	11	Unconsolidated material 0-31 Bedrock 31	--
9-66	11	--	Well owned by the Water and Power Authority.
9-67	11	Unconsolidated material 0-60 Bedrock 60	6-inch casing from 0 to 60 feet.
9-68	11	Unconsolidated material 0-45 Bedrock 45	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
9-69	11	Unconsolidated material 0-67	--
9-70	11	Unconsolidated material 0-60 Bedrock 60	--
9-71	11	Unconsolidated material 0-45 Bedrock 45	--
9-72	11	--	Well is a 36-inch by 108-inch rectangle.
9-73	11	--	--
9-74	11	Unconsolidated material 0-56	--
9-75	11	--	Well was dug in the early 1960's.
9-76	11	--	--
9-77	11	--	--
9-78	11	--	--
9-79	11	--	Well constructed about 40 years ago.
9-80	11	--	Well owned by Wallace Turnbull and used in supply of apartments.
9-81	11	--	Well owned by Wallace Turnbull and used in supply of approximately 15 apartments.
9-82	11	Unconsolidated material 0-60 Bedrock 60	--
9-83	11	--	Well may be blocked at 38 feet. 4-inch casing inside of 6-inch casing.
9-84	11	--	--
9-85	11	--	--
9-86	11	--	--
9-87	11	--	--
9-88	11	Unconsolidated material 0-56 Bedrock 56	--
9-89	11	Unconsolidated material 0-45 Bedrock 45	--
9-90	11	--	--
9-91	11	--	--
9-92	11	--	Well drilled about 1986. Well owned by Thomas Frett and used in supply of 5 apartments.
9-93	11	Unconsolidated material 0-16 Bedrock 16	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued

[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
9-94	11	Unconsolidated material 0-2 Bedrock 2	Owner estimated daily pumpage is 1,500 gallons.
9-95	11	--	Well was dug before 1900 and is oval with 20-foot diameter at widest point. Water-level data for 1962-64 available under "well 16" in Robison and others, 1973.
9-96	11	--	Well was dug during the 1700's.
9-97	11	Unconsolidated material 0-45 Bedrock 45	--
9-98	11	Unconsolidated material 0-35 Bedrock 35	--
9-99	11	Unconsolidated material 0-40 Bedrock 40	--
10- 1	12	--	--
10- 2	12	--	--
10- 3	12	Unconsolidated material 0-45	--
10- 4	12	--	--
10- 5	12	--	--
10- 6	12	--	--
10- 7	12	--	--
10- 8	12	--	--
10- 9	12	--	U.S. Geological Survey observation well.
10-10	12	Unconsolidated material 0-30 Bedrock 30	Owner estimated daily pumpage is 25,000 gallons.
10-11	12	Unconsolidated material 0-20 Bedrock 20	--
10-12	12	Unconsolidated material 0-28 Bedrock 289	Well reported dry. Owner estimated daily pumpage is 25,000 gallons.
10-13	12	Unconsolidated material 0-40 Bedrock 40	--
10-14	12	Unconsolidated material 0-30 Bedrock 30	--
10-15	12	--	Property manager reported well could yield 38,000 gallons per day.
10-16	12	--	Yield was reported bailed.
10-17	12	--	Inside diameter 85-95 inches.

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
10-18	12	Unconsolidated material 0-10 Bedrock 10	Well drilled in the 1960's. Reported yield is bailed.
10-19	12	--	Well dug around 1938.
10-20	12	--	60-72 inch diameter well dug before 1943. Water-level data for 1967-69 available under "Well 18" in Robison and others, 1973.
10-21	12	--	--
10-22	12	--	--
10-23	12	--	--
10-24	12	--	--
10-25	12	--	Well drilled in 1972 or 1973.
10-26	12	--	Well drilled in 1972 or 1973.
10-27	12	Unconsolidated material 0-20 Bedrock 20	--
10-28	12	--	Well covered over. Water-level data for 1958-69 available under "Well 26" in Robison and other, 1973.
10-29	12	--	--
10-30	12	--	--
10-31	12	--	--
10-32	12	--	Well drilled in the 1960's.
10-33	12	--	--
10-34	12	--	Well caved in to 105 feet.
10-35	12	--	--
10-36	12	Unconsolidated material 0-30 Bedrock 30	--
10-37	12	--	Owner reported depth 125 feet, previous inventory reported depth of 210 feet.
10-38	12	--	Well reported to be redrilled to 225 feet in 1979. Water-level data for 1967-69 available under "Well 24" in Robison and others, 1973.
10-39	12	--	--
10-40	12	--	Owner reported depth to be 385 feet. Previous inventory reported depth of 225 feet with casing to 40 feet.
10-41	12	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
10-42	12	--	Well dug before 1942. Water-level data for 1962-63 available under "Well 23" in Robison and others, 1973.
10-43	12	--	Water is being used at temporary archeologic site. Water-level data for 1965-69 available under "Well 19" in Robison and others, 1973.
10-44	12	--	Well is covered over.
10-45	12	Unconsolidated material 0-30 Bedrock 30	--
10-46	12	Unconsolidated material 0-24 Bedrock 24	--
10-47	12	--	--
10-48	12	Unconsolidated material 0-10 Bedrock 10	--
10-49	12	Unconsolidated material 0-32 Bedrock 32	Well is owned by the U.S. Virgin Islands Housing Authority.
10-50	12	Unconsolidated material 0-32 Bedrock 32	--
10-51	12	--	Well is owned by the U.S. Virgin Islands Housing Authority.
10-52	12	--	--
10-53	12	Unconsolidated material 0-12 Bedrock 12	Water-level data for 1963-69 available under "Well 9" in Robison and others, 1973.
10-54	12	Unconsolidated material 0-18 Bedrock 18	--
10-55	12	--	--
10-56	12	--	--
10-57	12	--	--
10-58	12	Unconsolidated material 0-65 Bedrock 65	Well screen diameter is 5 inches.
10-59	12	--	--
10-60	12	Unconsolidated material 0-28 Bedrock 28	--
10-61	12	Unconsolidated material 0-30 Bedrock 30	--
10-62	12	--	Well drilled in the early 1970's.
10-63	12	Unconsolidated material 0-80 Bedrock 80	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
10-64	12	--	--
10-65	12	--	--
10-66	12	--	Well drilled in 1963 or 1964.
10-67	12	--	--
10-68	12	--	--
10-69	12	--	--
10-70	12	--	--
10-71	12	--	--
10-72	12	--	--
10-73	12	--	--
10-74	12	--	--
11- 1	13	Unconsolidated material 0-3 Bedrock 3	8-inch casing at surface.
11- 2	13	--	--
11- 3	13	--	Well is square 96 by 96 inches. Water-level data for 1962-64 available under "Well 11" in Robison and others, 1973.
11- 4	13	Unconsolidated material 0-40 Bedrock 40	--
11- 5	13	--	--
11- 6	13	--	--
11- 7	13	--	Water-level data for 1965-69 available under "Well 12" in Robison and others, 1973.
14- 1	16	--	Well reported caved in to 508 feet.
14- 2	16	Unconsolidated material 0-28 Bedrock 28	--
14- 3	16	Unconsolidated material 0-54 Bedrock 54	--
14- 4	16	Unconsolidated material 0-10 Bedrock 10	Well was reported abandoned and filled with concrete.
14- 5	16	Unconsolidated material 0-60 Bedrock 60	4-inch slotted casing inside of 6-inch casing.
14- 6	16	--	Water-level data for 1962-69 available under "Well 34" in Robison and others, 1973.
14- 7	16	--	--
14- 8	16	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued

[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
14- 9	16	--	Well drilled in 1980's. Owner estimated daily pumpage is 3,000 gallons.
14-10	16	Unconsolidated material 0-10 Bedrock 10	Very low yield reported.
14-11	16	--	--
14-12	16	Unconsolidated material 0-35 Bedrock 35	--
14-13	16	Unconsolidated material 0-15 Bedrock 15	--
15- 1	17	Unconsolidated material 0-26 Bedrock 26	--
15- 2	17	--	--
15- 3	17	Unconsolidated material 0-38 Bedrock 38	--
15- 4	17	--	Well was drilled around 1970.
15- 5	17	Unconsolidated material 0-19 Bedrock 19	--
15- 6	17	--	--
15- 7	17	--	--
15- 8	17	--	--
15- 9	17	Unconsolidated material 0-25 Bedrock 25	--
15-10	17	--	--
15-11	17	--	--
15-12	17	Unconsolidated material 0-16 Bedrock 16	--
15-13	17	Unconsolidated material 0-18 Bedrock 18	--
15-14	17	Unconsolidated material 0-30 Bedrock 30	--
15-15	17	Unconsolidated material 0-55 Bedrock 55	Estimated daily pumpage is 4,000 gallons and reported to be 8,000 gallons during the wet season. Well owned by Thomasville Coop Association.
15-16	17	Unconsolidated material 0-15 Bedrock 15	--
15-17	17	Unconsolidated material 0-68 Bedrock 68	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
15-18	17	Unconsolidated material 0-18 Bedrock 18	--
15-19	17	Unconsolidated material 0-40 Bedrock 40	--
15-20	17	Unconsolidated material 0-35 Bedrock 35	--
15-21	17	Unconsolidated material 0-45 Bedrock 45	--
15-22	17	Unconsolidated material 0-45 Bedrock 45	--
15-23	17	--	Well drilled in 1986 or 1987.
15-24	17	Unconsolidated material 0-60 Bedrock 60	--
15-25	17	--	Well dug about 1900.
15-26	17	Unconsolidated material 0-40 Bedrock 40	--
15-27	17	--	--
15-28	17	--	--
15-29	17	--	--
15-30	17	Unconsolidated material 0-26 Bedrock 26	--
15-31	17	--	--
15-32	17	Unconsolidated material 0-42 Bedrock 42	4-inch casing inside of the 6-inch casing.
15-33	17	--	--
15-34	17	Unconsolidated material 0-28 Bedrock 28	Well owned by Water and Power Authority. Water-level data for 1964-68 available under "Well 29" in Robison and others, 1973.
15-35	17	--	--
15-36	17	--	Well was dug before 1944. Water-level data for 1958 and 1960-69 available under "Well 30" in Robison and others, 1973.
15-37	17	--	--
15-38	17	--	--
15-39	17	--	--
15-40	17	--	--
15-41	17	--	--
15-42	17	--	--

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued

[--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
15-43	17	--	Well was constructed about 1970. Well casing is 3.5 feet by 2.5 feet. Well used in supply of 5 apartments.
15-44	17	--	--
15-45	17	--	--
16- 1	18	--	Well reported drilled in early 1960's.
16- 2	18	--	Well reported drilled about 1980. Reported depth is 65-70 feet.
16- 3	18	Unconsolidated material 0-20 Bedrock 20	--
16- 4	18	Unconsolidated material 0-37 Bedrock 37	Water-level data for 1962-68 available under "Well 13" in Robison and others, 1973.
16- 5	18	Unconsolidated material 0-30 Bedrock 30	--
16- 6	18	--	--
16- 7	18	--	Well dug in the early 1910's.
16- 8	18	--	--
16- 9	18	Unconsolidated material 0-18 Bedrock 18	--
16-10	18	--	Reported 4-inch slotted casing from 0 to 200 feet.
16-11	18	--	--
16-12	18	--	Well drilled in late 1970's. Well may have caved in to 75-80 feet.
16-13	18	Unconsolidated material 0-7 Bedrock 7	--
16-14	18	Unconsolidated material 0-1 Bedrock 1	Company president estimated daily pumpage is 3,000 gallons.
16-15	18	--	--
16-16	18	--	Well drilled about 1980.
16-17	18	Unconsolidated material 0-10 Bedrock 10	--
16-18	18	Unconsolidated material 0-20	--
16-19	18	--	Sand filter on bottom of casing. Maintenance personnel estimated daily pumpage is 40,000 gallons.

Appendix B. Lithologic descriptions and remarks for wells on St. Thomas, U.S. Virgin Islands--Continued
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 [--, indicates data not available]

Well number	Figure number	Lithologic description and depth interval (feet)	Remarks
16-20	18	Unconsolidated material 0-28 Bedrock 28	Well used in supply of condominiums. Well owned by Cowper Bay West Condos.
16-21	18	Unconsolidated material 0-15 Bedrock 15	Well blocked at 37 feet, no water level.
16-22	18	Unconsolidated material 0-25 Bedrock 25	Drilled in early 1980's. 4-inch slotted casing inside of 6-inch casing to 125 feet.
16-23	18	--	--
16-24	18	--	Well used in supply of condominiums. Well owned by Anchorage Condo Association.