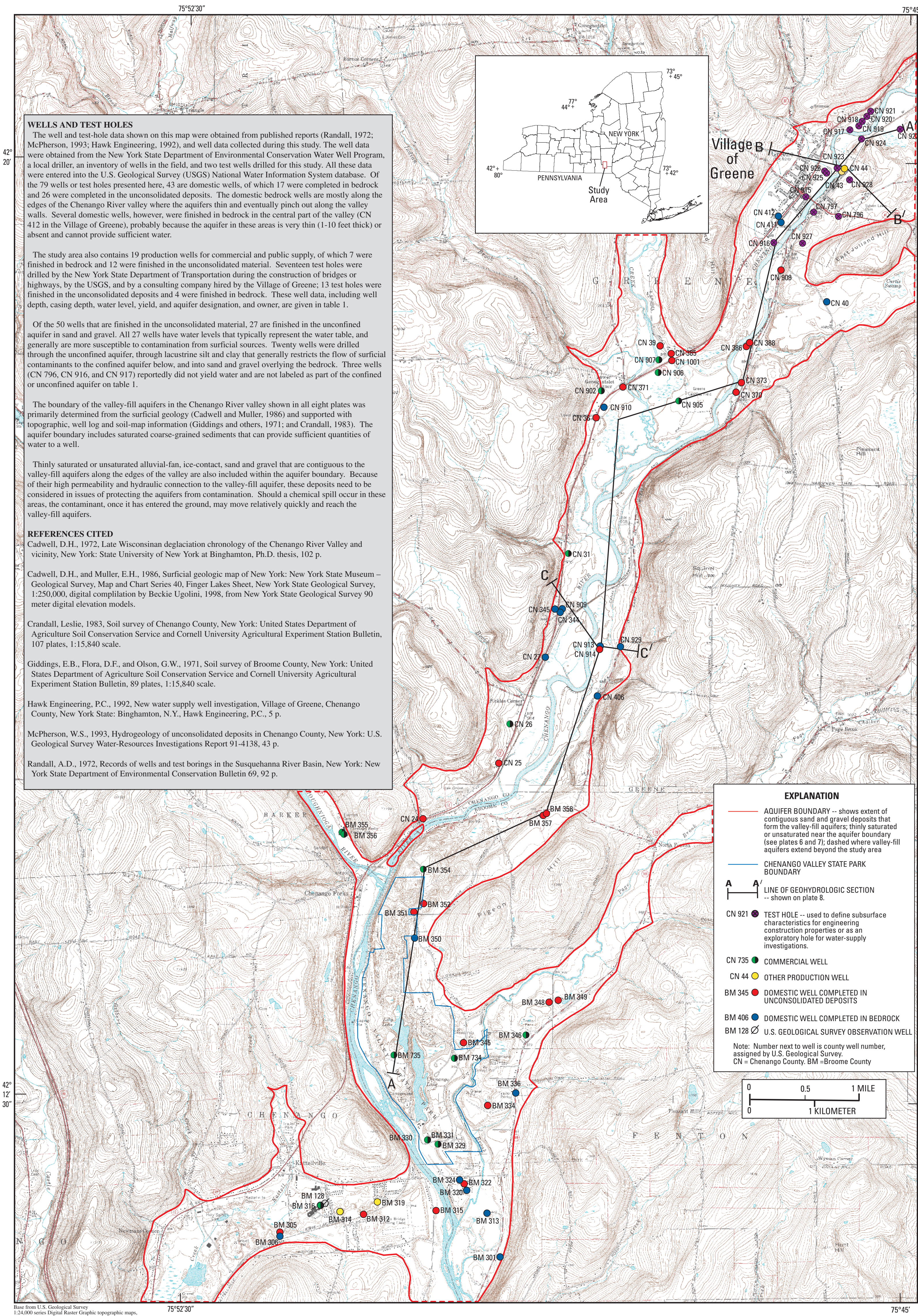


Table 1. Description of wells within the aquifer boundary between the Village of Greene and Chenango Valley State Park, New York.

[Well Number is County (BM, Broome; CN, Chenango) followed by a number assigned by U.S. Geological Survey; Aquifer Type- CON, confined unconsolidated; UNC, unconfined unconsolidated; ROCK, bedrock; Well Type- M, other production, commercial, or industrial; D, domestic; T, test hole; --, no data available]

Well Number	Altitude (feet above sea level)	Year Drilled	Well Depth (feet below land surface)	Casing Depth (feet below land surface)	Water Level (feet below land surface)	Date Water Measured	Reported Yield (gallons per minute)	Aquifer Type	Well Type	Description of Material from Drillers' Logs
BM 128	909	1980	53	49	32	9/22/1980	10	UNC	T	Silty sand and gravel
BM 301	895	1963	120	--	9	1963	12	ROCK	D	Bedrock at 12 feet
BM 305	923	1947	63	--	52	5/1/1965	12	UNC	D	--
BM 306	923	1965	115	104	--	--	20	ROCK	D	--
BM 312	930	1963	110	100	--	--	100	UNC?	D	Medium grained
BM 313	900	1959	178	163	38	3/1/1959	12	ROCK	D	All quicksand and fine sand above bedrock
BM 314	905	1963	99	97	19	3/1/1963	117	UNC	M	--
BM 315	885	--	33	20	--	--	--	UNC?	D	--
BM 316	905	1965	55	39	20	5/1/1965	186	UNC	M	Gravelly
BM 319	915	1960	87	82	40	1960	156	UNC	M	--
BM 320	890	1962	256	180	--	--	100	ROCK	D	Water at 210 and 255 feet, abandoned because salty and gas present
BM 322	895	1965	181	--	15	8/1/1965	40	CON	D	0-25 feet gravel, 25-40 feet clay, 40-180 feet quicksand, 180-185 feet gravel and fine sand
BM 324	895	1963	192	180	--	--	15	ROCK	D	Bedrock at 180 feet, drilled to 210 feet, plugged to 192 feet with cement because salty
BM 329	896	1962	167	162	26	10/1/1962	20	ROCK	M	Water above rock did not clear
BM 330	886	1945	41	32	15	4/1/1945	450	UNC	M	0-10 feet loam, 10-41 feet sand and gravel, owner's number 1 well
BM 331	886	1962	46	--	17	10/1/1962	185	UNC	M	Owner's number 2 well
BM 334	917	1951	141	--	--	--	30	UNC?	D	--
BM 336	980	1943	200	114	--	--	--	ROCK	D	Casing to 114 feet
BM 345	940	--	59	--	--	--	--	UNC?	D	--
BM 346	980	1964	150	118	50	1965	60	ROCK	M	0-40 feet gravel, 40-100 feet blue till, 100-113 feet very fine sand, 113-130 feet broken shale, 130 feet bedrock
BM 348	965	1951	81	--	27	6/1/1964	20	UNC	D	--
BM 349	960	1951	72	--	--	--	30	UNC?	D	--
BM 350	1010	1952	212	202	110	5/1/1952	6	ROCK	D	Casing to 202 feet
BM 351	1000	1959	142	--	122	1959	15	UNC	D	0-142 feet mostly gravel, boulders or bedrock at 142 feet
BM 352	986	1962	176	--	--	--	25	UNC?	D	--
BM 354	1040	1960	196	--	100	1960	--	CON?	D	0-15 feet till, 15-75 feet gravel and boulders, 75-110 feet quicksand, 110-196 feet gravel and sand layers
BM 355	905	1953	142	--	--	--	93	ROCK	M	Casing to 32 feet
BM 356	905	1928	14	--	--	--	7	UNC	M	Granular
BM 357	1037	1966	250	--	140	6/1/1966	20	CON	D	0-20 feet till, 20-120 feet clay and boulders, 120-245 feet silt and clay, 245-250 feet peagravel and water
BM 358	1040	1960	230	--	135	6/1/1960	20	UNC?	D	--
BM 734	956	--	104	104	58	1/16/2003	--	UNC	M	Owner's office well
BM 735	952	--	154	154	64	1/16/2003	--	UNC	M	Owner's gold course well
CN 24	912	--	55	--	19	8/1/1959	12	UNC	D	--
CN 25	912	1961	74	--	10	10/1/1961	33	CON	D	0-30 feet gravel and sand, 30-65 feet clay, 65-74 feet black sand
CN 26	905	1952	84	50	31	1952	22	ROCK	M	0-50 feet gravel, 50 feet bedrock, casing to 50 feet
CN 27	920	1962	75	32	--	--	30	ROCK	D	0-10 feet gravel, 10-32 feet clay, 32-75 feet bedrock, casing to 32 feet
CN 31	942	1956	100	50	20	6/1/1956	10	ROCK	M	0-50 feet gravel, 50-100 feet bedrock, casing to 50 feet
CN 36	918	1940	78	--	14	6/1/1959	22	UNC	D	Casing to 78 feet
CN 39	915	1959	56	--	--	--	22	UNC	D	0-32 feet gravel, 32-54 feet quicksand, 54-56 feet gravel
CN 40	1022	1960	204	104	44	6/1/1960	10	ROCK	D	Casing to 104 feet
CN 43	910	1906	159	--	--	--	330	CON	M	--
CN 44	905	1959	172	162	18	5/1/1959	355	CON	M	0-160 feet clay, 160-170 small gravel, screen 162-170 feet
CN 344	945	--	240	126	70	5/28/1988	2	ROCK	D	0-20 feet boulders, 20-116 feet gravel and clay, 116 feet shale
CN 345	945	--	200	67	30	9/28/1988	6	ROCK	D	0-60 feet boulders and gravel, 60-67 feet gray till, 67 feet shale, first water at 165 feet
CN 370	915	--	138	--	20	7/1/1985	20	CON	D	0-130 feet fine sand and some clay, 130-138 feet gravel and coarse sand
CN 371	910	--	184	--	25	4/26/1978	20	CON	D	0-20 feet till and clay, 20-120 fine sand, 120-154 sand and clay, 154-160 sand, 160-184 gravel
CN 373	920	--	164	--	18	12/19/1984	30	CON	D	0-154 feet fine sand and some clay, 154-164 feet gravel and coarse sand
CN 385	1010	--	192	--	10	1/16/1988	20	CON	D	0-45 feet cobbles, gravel, sand, 45-100 fine sand, 100-170 feet clay, 170-185 coarse sand, gravel, 185-190 feet gravel, 190-192 feet gravel, sand
CN 386	910	--	116	--	24	9/26/1985	20	CON	D	0-30 feet gravel and sand, 30-95 feet clay, 95-100 feet gravel and clay, 100-116 feet gravel and coarse sand
CN 388	915	--	120	--	20	9/25/1985	20	CON	D	0-21 feet gravel and sand, 21-110 feet clay, 110-120 feet peagravel and water
CN 406	945	--	198	162	40	10/3/1984	9	ROCK	D	0-70 feet gravel and till, 70-150 feet clay and sand, 150-162 feet gravel, 162-198 feet shale
CN 411	915	--	80	72	--	--	9	ROCK?	D	--
CN 412	912	--	232	195	--	--	8	ROCK	D	--
CN 796	909	1963	0	--	19	8/15/1963	--	--	T	0-9 feet sand, clay and stone, 9-31.5 sand and gravel, 31.5-40.5 clay, no casing installed because no water
CN 797	916	1963	17	--	10	8/7/1963	--	UNC	T	0-8 feet sand, 8-13 feet silt, sand and organic matter, 13-17 feet sand, silt and organic matter
CN 902	970	1995	224	100	20	8/25/1995	--	ROCK	M	0-70 feet sand and clay, 70-80 feet till, 80-100 feet gravel and till, 100 feet shale
CN 905	930	1982	218	218	25	9/27/1972	--	CON	M	0-20 feet gravel, 20-40 feet fine sand, 40-180 feet gray clay, 180-210 feet coarse sand, 210-219 feet gravel
CN 906	935	1993	174	171	7	3/10/1993	--	ROCK	M	0-40 feet sand and gravel, 40-100 feet fine sand, 100-171 feet gray clay, 171 feet shale
CN 907	960	1999	81	81	8	4/6/1999	--	CON	M	0-40 feet boulders and clay, 40-72 feet gray clay, 72-82 feet coarse sand and gravel
CN 908	940	1986	151	151	30	5/6/1986	--	CON	D	0-125 feet heaving sand, 125-140 feet gray clay, 140-152 feet gravel and water
CN 909	980	1987	97	58	20	5/13/1987	--	ROCK	D	0-20 feet boulders and cobbles, 20-35 feet till and gravel, 35-40 feet till, 40-58 feet broken shale, 58 feet shale
CN 910	920	1991	224	186	25	12/6/1991	--	ROCK	D	0-40 feet sand and gravel, 40-80 feet clay, 80-150 feet sand, 150-186 feet gravel, 186 feet shale
CN 913	901	2003	175	154	13	9/25/2003	--	CON/ROCK	D	0-23 feet sand, gravel, 23-112 feet clay, 112-143 feet sand and gravel, 143-153 fine to medium sand, 153-155 weathered shale, 155-175 feet shale
CN 914	901	2003	21	21	11	9/25/2003	--	UNC	D	0-5 feet fine sand, 5-23 feet sand and gravel
CN 915	910	1987	192	--	--	--	--	ROCK	T	0-10 feet till, 10-60 feet clay, 60-80 feet clay and sand, 80-140 feet clay and fine sand, 140-192 feet fine sand, silt, and clay, 192 feet bedrock
CN 916	905	1987	0	--	--	--	--	--	T	0-7 feet fill, 7-20 feet clay and gravel, 20-60 feet clay and silt, 60-135 feet silt and fine sand, 135-145 fine to medium sand, 145-155 sand and clay, 155-161 feet clay and sand, no casing installed because no water
CN 917	905	1987	0	--	--	--	--	--	T	0-4 feet soil, 4-36 feet clay and gravel, 36-60 feet hard clay and streaks of sand, no casing installed because no water
CN 918	905	1987	68	58	7	11/6/1987	--	CON	T	0-10 feet soil, 10-58 feet sandy clay and clay, 58-68 feet sand and gravel, screened 58-68 feet
CN 919	908	1988	41	27	4	2/1/1988	--	UNC	T	0-20 feet fine to medium sand and gravel, streaks of clay, 20-30 feet fine to medium sand and medium to coarse gravel, 30-37 feet fine sand and broken rock, screen 27-37 feet
CN 920	910	1988	40	28	5	2/8/1988	--	UNC	T	0-30 feet fine to medium sand and few gravel, 30-35 feet medium to coarse sand and gravel, 35-40 feet broken rock, trace clay, screen 28-38 feet
CN 921	930	1988	36	31	5	2/8/1988	--	UNC	T	0-30 feet fine to medium sand and few medium gravel, 30-36 feet medium to coarse sand and medium to coarse gravel and broken rock, screen 31-36 feet
CN 922	915	1988	100	97	--	--	--	ROCK	T	0-5 feet soil, 5-50 feet sandy clay, 50-97 feet silty clay, 97 feet bedrock, no water
CN 923	905	1988	148	135	9	12/30/1988	--	ROCK	T	5-50 feet sand, gravel, and clay, 50-85 feet fine sand, clay, 85-90 feet gravel, 90-110 feet fine sand, clay, 110-135 feet fine to medium sand and clay, 135-140 feet gravel and rock, 140 feet bedrock, screen 135-140 feet
CN 924	915	1989	118	98	14	1/12/1989	--	CON	T	0-10 feet till, 10-20 feet coarse sand, 20-50 feet coarse sand and clay, 50-70 feet coarse sand, clay, and till, 70-90 feet fine sand and clay, 90-118 feet coarse sand, gravel, and trace clay, bedrock at 118 feet
CN 925	904	1989	165	165	--	--	--	ROCK	T	0-10 feet clay, 10-15 feet gravel, 15-105 feet clay, 105-125 feet coarse sand and gravel, 125-134 feet fine sand and gravel, 134-154 feet clay, 154-157 feet gravel and fine sand, 157-165 feet bedrock
CN 926	905	1990	124	124	-1	3/2/1990	--	CON	T	0-2 feet soil, 2-107 feet clay, 107-119 feet silt, coarse gravel, and medium sand, 119-121 feet silt, medium sand, 120-50 feet coarse sand and clay, 50-70 feet coarse sand, gravel, and till, 70-90 feet fine sand and clay, 90-118 feet coarse sand, gravel, and trace clay, bedrock at 118 feet
CN 927	965	1992	150	120	71	10/1/1992	--	CON	T	0-30 feet sand and gravel, 30-120 feet clay, 120-125 feet very fine sand, 125-131 feet medium to coarse sand, 131 bedrock, screen 120-131 feet
CN 928	930	1992	170	168	34	10/2/1992	--	ROCK	T	0-45 feet clay, 45-70 feet clay and trace gravel, 70-153 feet clay, 153-168 feet silty clay, fine to medium sand, and trace gravel, 168 feet bedrock
CN1001	910	2000	72	72	12	4/25/2000	8	CON	D	0-10 feet sand, 10-20 feet gravel, 20-30 feet gravel and clay, 30-66 feet coarse sand, gravel, and clay, 66-72 feet gravel and coarse sand

? -- Actual aquifer type unknown. Type indicated is based on nearby wells and the unconfined and confined aquifer maps on plates 6 and 7.



LOCATION OF SELECTED WELLS AND TEST HOLES IN THE VALLEY-FILL AQUIFERS BETWEEN VILLAGE OF GREENE AND CHENANGO VALLEY STATE PARK, NEW YORK

By
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2005

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