Figure 1—Stratigraphy of cores taken from wetlands in the Kingston 7.5-minute quadrangle, showing depths of individual samples.

Table 2—Moisture, pH, ash, sulfur, and Hg content of core samples; d.b. refers to analyses done on a dry basis.

SAMPLE NUMBER	moisture (as received)%	pH	ash% (d.b.)	sulfur%	Hg ppm
25-4	94.2	4.7	3.7	0.62	0.04
25-8	91.3	5	8	0.72	0.04
25-12	91.2	3.2	20.2	3	0.04
25-16	87.5	2.8	5.7	2.7	<0.005
25-20	29.6	3.3	98.9	0.02	<0.005
26-4	90.8	4	8.3	0.32	0.04
26-8	91.3	4.6	10.4	1.7	0.05
26-12	93.1	2.9	15.8	2.9	0.04
26-16	88.4	3.4	48	3.1	0.01
26-24	86.7	4.6	60.6	1.2	<0.005
34-4	90.1	5	6.3	1.2	0.02
42-3	86.6	4.3	4.5	0.57	<0.005
46-4	61.5	3.7	7.1	0.08	<0.005
46-8	89.7	6.1	41.3	0.88	<0.005
48-6	91.2	4.2	10.2	0.77	0.02
49-4	89.3	4.7	5.3	0.53	0.02
49-8	87.4	4.1	56.1	0.63	<0.005
50-4	88	4.8	4.6	0.34	0.02
50-9	89.6	4.9	3.1	0.14	<0.005
50-11	91.2	4.3	30.2	1.2	<0.005
52-3	87.6	3.7	2.5	0.73	0.02
52-5	90.1	3.4	16.6	1.1	0.01
55-4	95.2	5	20.3	0.56	<0.005
55-8	90.8	5.2	8.5	0.88	0.02
55-12	86.4	4.8	62	0.37	<0.005
59-4	89.6	4.7	9.3	1	0.05
59-5	85.4	3	61	1.3	0.01
60-24	86.9	50.3	1.3	0.01	<0.005
60-28	73.7	83.4	0.37	<0.005	<0.005
63-4	89.4	5.5	44.8	3.4	<0.005

Table 3—Peat resources estimated on the basis of a minimum thickness of 5 feet, and assuming a 1-acre-foot yield of 200 tons air-dried peat.

Wetland as designated by core number(s)	Acres	Peat thickness in core (ft.)	Air-dried weight (short tons)
25,31	42	12	100,800
26,28	94	11	207,000
30,33	28	6	30,900
32	26	5	26,100
34	17	5	17,300
49	59	8	95,200
50	32	6	38,400
52	20	7	28,500
53,54	74	6	92,700
55	18	10	35,900

WETLAND AND PEAT RESOURCE MAP OF THE KINGSTON 7.5-MINUTE QUADRANGLE, NEW HAMPSHIRE

By

John C. Jackson and Cornelia C. Cameron

1995

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.