ALASKA DIVISION OF GEOLOGICAL &
GEOPHYSICAL SURVEYS

Public-Data File 88-22A

Analytical Results

LOCALITY	FIELD NO.	ASH Depth (ft)-Weight % mf[a]	HEATING VALUE Depth (ft)-BTU mf / BTU maf[b]
1	053C-9	1-09, 3-25, 6-41, 8-73	
2	053C-8	1-19, 3-13, 6-49, 9-39, 10-42	
3	053C-7	1-17, 3-40, 6-73, 9-71, 12-45	
4	053C-6	1-40, 3-27, 6-44, 8-70	
5	053C-5	1-36, 3-41, 6-69, 9-80	
6	053C-4	1-11, 3-28, 6-52, 9-79	
7	053C-3	1-27, 3-26, 5-78	
8	053C-2	3-18, 6-29, 8-79	
9	053D-1	1-16, 3-27, 6-18, 9-82, 10-44	
10	053D-2	1-27, 3-29, 6-73, 8-82	
11	053D-3	1-14, 3-30, 6-73, 9-50	
12	053D-4	1-14, 3-51, 7-50	3-4667/9564, 7-5276/10608
13	053B-6	1-25, 3-25, 6-47, 9-64	3-7297/9689, 6-5171/9768
14	053B-7	1-21, 3-45, 6-32, 9-58, 11-98	6-6599/9725
15	053B-1	1-22, 3-20, 4-95, 5-62	
16	053B-2	3-18, 6-81, 7-89	
17	053B-3	1-19, 3-26, 5-88, 7-34, 10-98	3-7384/9920
18	053B-4	1-09, 3-39, 5-32, 9-37	
19	053B-5	1-31, 3-16, 6-80, 9-28, 11-21	3-8159/9742, 9-7077/9814
20	053D-5	1-16, 3-23, 6-72, 9-18, 10-71	6-2408/8833, 9-8169/9981
21	053D-6	1-27, 3-53, 6-52, 9-58	6-4764/9831
22	051B-17	1-47, 3-75, 6-25, 8-70	3-2311/9066, 8-2851/9480
23	053D-7	1-12, 3-17, 6-89	3-8470/10266
24	051B-16	1-24, 3-nd, 6-55	
25	053D-8	1-23, 3-56, 6-59, 10-50	
26	051B-15	1-11, 3-21, 6-37, 9-18, 11-56 9-8354/10182	3-7952/10015, 6-6288/10041,
27	051B-14	1-29, 3-70, 6-56, 8-88	3-2466/8159
28	051B-13	1-37, 3-52, 6-47, 9-25, 11-83	6-5419/10218
29	159-1	1-20, 3-39, 6-75, 9-53, 12-76	
30	159-2	1-16, 3-41, 6-29, 9-09, 12-18, 15-99	
31	159-3	1-14, 3-26, 6-57, 9-10, 12-64	
32	159-4	1-18, 3-28, 6-76	
33	159-5	1-nd, 3-26, 6-60, 9-21, 11-nd	
34	159-6	1-12, 3-23, 6-59, 9-41, 12-19, 15-61, 18-92, 21-nd	
35	159-7	1-15, 3-07, 6-77, 9-22, 12-12, 15-10, 18-26	
36	053D-9	1-18, 3-24, 6-46	
37	053D-10	1-20, 3-16, 4-39	
38	053D-11	1-21, 3-35, 6-35, 9-64	
39	053D-12	1-73, 3-85, 4-98	
40	053D-13	1-14, 3-17, 6-57, 9-39, 12-33	
41	053D-14	1-12, 3-13, 6-14, 9-57, 12-21, 15-81	
42	053D-15	1-13, 3-28, 6-49, 9-29, 10-72, 12-57	
43	053D-17	1-17, 3-51, 6-54, 9-51	3-4978/10096, 6-4568/10174
44	053D-16	1-19, 3-61, 6-51	
45	053D-18	1-17, 3-15, 6-34, 9-29, 10-72	
46	053D-19	1-19, 3-19, 6-71, 8-73	
47	053E-1	1-89, 3-84	
48	053E-2	1-18, 3-21, 5-21	
49	053E-3	1-28, 3-79, 6-28, 9-41	
50	053E-4	1-42, 3-71, 6-41	
51	053E-5	1-24, 3-15, 6-78, 9-30, 12-47 15-89	
52	053E-6	1-21, 3-17, 6-25, 9-21, 12-22 13-91	
53	053-1	1-27, 3-22, 5-nd	
54	053-2	1-21, 5-34, 8-56	
55	053-3	1-nd, 3-25, 5-76	
56	053-4	1-63, 3-92	
57	053-5	1-24, 3-39, 5-80	
58	053-6	1-55, 4-89	
59	053-7	3-21, 6-86	
60	053-8	3-31, 5-nd	
61	053-9	3-37, 5-27, 7-45, 10-92	
62	053-10	4-96	
63	053-11	3-39, 6-19, 9-58	
64	053-12	3-73	
65	157-G	3-25, 6-24, 9-24 (G1) 3-25, 6-23, 9-21 (G2) 3-26, 6-43, 9-60 (G3) 3-16, 6-25, 9-nd (G4)	
66	157-F	3-19, 6-70, 9-18, 12-39, 14-77 (F1) 3-32, 6-55, 9-16, 12-19, 14-98 (F2) 3-18, 6-39, 9-26, 12-32, 14-96 (F3) 3-19, 6-11, 9-nd, 12-nd, 14-nd (F4)	
67	157-E	3-36, 6-41, 9-43 (E1) 3-34, 6-29, 9-40 (E2) 3-35, 6-35, 9-50 (E3) 3-24, 6-32, 9-nd (E4)	
68	157-D	3-51, 6-78, 10-53 (D1) 3-25, 6-37, 10-73 (D2) 3-65, 6-55, 10-52 (D3) 3-14, 6-nd, 10-38 (D4)	
69	157-H	3-38, 6-42, 9-34 (H1) 3-nd, 6-25, 9-41 (H2) 3-nd, 6-52, 9-62 (H3) 3-43, 6-39, 9-nd (H4)	
70	157-22	1-23, 3-13, 6-36, 9-57, 10-82	
71	157-C	3-61, 6-54 (C1) 3-75, 6-51 (C2) 3-50, 6-72 (C3) 3-39, 4-78 (C4)	
72	053A-3	1-19, 3-24, 5-60, 9-60, 10-45	5-3886/9665
73	157-B	3-20, 6-80, 9-64, 10-46 (B1) 3-21, 6-33, 9-52, 10-45 (B2) 3-24, 6-83, 9-30, 10-nd (B3) 3-21, 5-18, 9-nd, 10-nd (B4)	
74	157-A	3-30, 6-42, 9-14, 12-22, 13-31 (A1) 3-27, 6-24, 9-23, 12-36, 13-19 (A2) 3-31, 6-49, 9-26, 12-19, 13-31 (A3) 3-14, 5-33 (A4)	
75	157-21	1-31, 3-62, 6-28, 9-29, 10-81	
76	053A-1	1-23, 3-13, 5-53, 7-17, 9-74, 10-77	
77	157-Z	3-16, 4-40, 5-24, 6-16, 7-13, 8-17, 9-24 (Z1) 3-15, 4-77, 5-83, 6-18, 7-49, 8-24, 9-34 (Z2) 3-17, 4-53, 5-35, 6-24, 7-17, 8-21, 9-26 (Z3) 3-31, 4-31, 5-82, 6-43 (Z4)	
78	053A-2	1-13, 3-17, 6-49, 9-08, 12-28, 15-34, 17-99	6-4822/9403
79	157-X	3-73, 4-64, 5-32, 6-19, 7-10, 8-15, 9-17, 10-10, 11-41, 12-86 (X1) 3-24, 4-74, 5-64, 6-26, 7-11, 8-09, 9-07, 10-33, 11-36, 12-89 (X2) 3-24, 4-80, 5-71, 6-31, 7-10, 8-23, 9-12, 10-14, 11-27, 12-93 (X3) 3-19, 4-33, 5-60, 6-50 (X4)	
80	157-Y	3-65, 4-32, 5-13, 6-16, 7-15, 8-13, 9-28 (Y1) 3-51, 4-70, 5-25, 6-18, 7-16, 8-15, 9-23 (Y2) 3-60, 4-nd, 5-19, 6-38, 7-11, 8-15, 9-72 (Y3) 3-63, 4-44, 5-54, 6-32 (Y4)	
81	157-4	1-36, 3-45, 6-97	
82	157-5	1-40, 3-46, 6-37, 9-40, 10-92	
83	157-6	1-29, 3-15, 6-34, 7-41	6-6906/10437
84	157-7	5-20, 6-17, 8-95	6-7507/9013
85	157-23	1-06, 3-41, 6-71, 9-63, 12-48, 14-66	3-5382/9148, 6-2958/10078 9-3474/9469
86	157-24	1-29, 3-69, 6-39, 7-61	
87	157-25	1-34, 3-64, 6-86	
88	157-26	1-17, 3-60, 6-34, 9-44, 11-68	
89	157-27	1-36, 3-38, 6-35, 8-31	
90	157-28	1-29, 3-45, 6-19, 9-12, 12-57	
91	157-29	1-48, 3-52, 7-33	
92	177-13	3-nd, 6-nd, 9-nd	
93	177-24	3-49, 6-26, 9-79, 11-80	
94	177-25	3-69, 6-87	
95	177-26	3-75, 6-97	
96	177-27	3-34, 6-39, 9-15, 12-78	
97	177-28	3-52, 6-18, 9-77	
98	177-29	3-60, 6-65	
99	177-30	3-21, 6-41, 9-35, 11-61	
100	177-31	3-72, 6-14	
101	177-32	3-75, 6-63, 9-97	
102	177-33	3-62, 6-69	
103	157-8	1-14, 3-19, 6-74, 9-62, 11-64	
104	157-9	1-nd, 3-nd, 4-nd, 6-nd	
105	157-10	1-nd, 3-nd, 6-nd	
106	157-13	1-25, 3-50, 6-81, 9-79	
107	157-14	1-13, 3-35, 6-31, 9-55, 10-37	
108	157-15	1-30, 3-58, 6-65, 9-37, 12-94	
109	157-16	1-30, 3-21, 6-55, 9-85, 10-25	3-7641/9636, 6-4332/9557
110	157-17	1-29, 3-25, 6-41, 9-34, 10-37	3-7290/9751
111	157-18	1-24, 3-25, 6-37, 9-45, 10-60	3-8500/11290, 6-6343/10010
112	157-19	1-43, 3-50, 6-71	
113	157-20	1-22, 3-43, 6-71	
114	177-1	3-nd, 6-nd, 8-nd	
115	177-2	3-nd	
116	177-3	3-nd, 6-nd, 9-nd	
117	177-4	3-nd, 6-nd, 9-nd	
118	177-5	3-nd, 6-nd, 9-nd, 11-nd	
119	177-6	3-nd, 6-nd	
120	177-7	3-nd, 6-nd, 9-nd	
121	177-8	3-nd, 6-nd, 9-nd, 12-nd	
122	177-9	3-nd, 6-nd	
123	177-10	3-39, 6-42, 9-26, 12-71	
124	177-11	3-nd, 6-nd, 11-nd	
125	177-12	3-nd, 6-nd, 9-nd, 11-nd	
126	177-13	3-nd, 6-nd, 9-nd	
127	177-14	3-nd, 5-nd, 6-nd	
128	157-11	1-nd, 3-nd, 6-nd	
129	157-12	1-nd, 3-nd, 6-nd, 8-nd	
130	177-17	3-nd, 6-nd, 9-70	
131	177-18	3-18, 6-86, 9-55	
132	177-19	3-24, 6-59, 9-06, 12-27, 14-82	
133	177-21	3-36, 6-18	
134	177-22	3-45, 6-18, 9-59	
135	191-1	4-nd	
136	191-2	3-88	
137	191-3	3-60	
138	191-4	3-63, 6-39, 7-38	
139	191-5	3-25, 6-68	
140	193A	3-32	3-6944/10198
141	193B	3-46	3-4992/9185
142	193C	3-21	3-8445/10735
143	232B	3-25	3-7242/9712
144	232C	3-30	3-6674/9595
145	232A	3-25	3-7346/9799
146	7420-13C	3-38, 6-35, 9-22, 11-45	6-6535/10106, 9-8411/10722
147	7420-12B	3-59, 6-21, 9-35	3-4378/10620, 6-8158/10346 9-6369/9731
148	7420-11A	3-47, 6-37	
149	7425-9	3-100	
150	7425-8	3-60, 6-47, 9-55	9-4240/9433
151	7425-4	3-56, 6-66	
152	7425-3	3-24, 6-33, 7-82	6-6248/9265
153	7425-5	3-35, 6-58, 9-100, 12-72	
154	7425-6	3-38, 6-37, 9-42	3-5994/9597
155	7425-2	3-33, 6-36, 8-79	
156	7425-1	3-94	
157	7425-7	3-31, 6-56, 9-100	3-6538/9486
158	7425-A	3-58	3-4321/10294
159	7423-A	3-30, 11-25	3-6407/9162, 11-7070/9415
160	7146-14A	3-36, 6-69	
161	7148-9B	3-58, 6-55, 9-41, 11-37	6-4388/9788, 9-6360/10799
162	7178-8A	3-38, 5-40	
163	7178-7A	3-12, 6-38	6-6457/9997
164	7180-8	3-60, 4-98	
165	7180-7	3-60, 4-59	
166	7180-6	3-68, 6-60	
167	7180-5	3-25, 6-14, 8-91	
168	7180-1	3-30, 4-86	
169	7180-2	3-58	
170	7180-3	3-22, 6-19, 9-04	
171	7180-4	3-58	
172	7016-1D	3-47, 6-17, 9-52	
173	7016-2A	3-69, 6-35, 7-69	
174	7016-4A	3-47, 6-41	
175	7016-6	3-58	
176	7016-5	3-20, 6-40	
177	7016-8	3-38, 6-69	
178	7016-10	3-61	
179	7016-7	3-63	
180	7016-3B	3-53, 6-28	
181	7016-2	3-55, 6-56	
182	7016-3	3-23, 5-21	
183	7016-1	3-32, 6-65	
184	[illegible]	3-35, 6-29, 9-53, 11-89	
185	7016-4	3-58, 4-38	

a moisture-free basis
b moisture- and ash-free basis

THIS REPORT HAS NOT BEEN REVIEWED FOR TECHNICAL CONTENT (EXCEPT AS NOTED IN TEXT) OR FOR CONFORMITY TO THE EDITORIAL STANDARDS OF DGGS

Base from U.S. Geological Survey Tyonek D-1, 1958, and parts of the Talkeetna A-1, 1958, Talkeetna B-1, 1958, and Anchorage D-8, 1949, Quadrangles, Alaska. Compiled from Alaska Division of Geological and Geophysical Surveys Open-file Report 150 and maps 150A through 150I. Cartography by M.A. Belowich.

TRUE NORTH
MAGNETIC N
27°

APPROXIMATE MEAN DECLINATION, 1958

Peat Resources

Township	No. of Holes	Ave. Thickness (ft)	Acres	Air-dried Peat (tons)	Moisture-free Peat (tons)	Moisture-free Fuel-grade Peat (tons)	Air-dried Fuel-grade Peat (tons)
T26N R7W	0	7.1[a]	523	742,660	594,100	148,500	185,700
T26N R6W	17	8.2	5,112	8,383,680	6,706,900	1,676,700	2,095,900
T26N R5W	5	4.8	949	911,040	728,800	182,200	227,800
T26N R7W	0	7.1[a]	523	742,660	594,100	148,500	185,700
T25N R6W	35	9.8	6,667	13,067,320	10,453,900	2,613,500	3,266,800
T25N R5W	30	8.7	4,860	8,456,400	6,765,100	1,691,300	2,114,100
T24N R7W	0	7.1[a]	603	856,260	685,000	171,300	214,100
T24N R6W	8	8.9	7,567	13,469,260	10,775,400	2,693,900	3,367,300
T24N R5W	21	8.7	5,292	9,208,080	7,366,500	1,841,600	2,302,000
T23&22N R7&6W	4	5.0	20,069	20,069,000	16,055,200	4,013,800	5,017,300
T23N R5W	17	5.6	10,877	12,182,240	9,745,800	2,436,500	3,045,600
T23&22N R4W	5	4.6	2,944	2,708,480	2,166,800	541,700	677,100
T22N R5W	0	7.1[a]	5,674	8,057,080	6,445,700	1,611,400	2,014,300
T22N R3W	0	7.1[a]	109	154,780	123,800	31,000	38,700
T21N R6W	0	6.0[b]	721	865,200	692,200	173,100	216,300
T21N R5W	0	6.0[b]	2,010	2,412,000	1,929,600	482,400	603,000
T21N R4W	0	6.0[b]	6,145	7,374,000	5,899,200	1,474,800	1,843,500
T21N R3W	0	6.0[b]	430	516,000	412,800	103,200	129,000
T20&19N R6W	0	6.0[b]	3,007	3,608,400	2,886,700	721,700	902,100
T20&19N R5W	0	6.0[b]	3,308	3,969,600	3,175,700	793,900	992,400
T20&19N R4W	3	3.0	7,132	4,279,200	3,423,400	855,900	1,069,800
T20&19N R3W	0	6.0[b]	764	916,800	733,440	183,400	229,200
T19N R2W	0	6.0[b]	77	92,400	73,900	18,500	23,100
T18N R6W	0	6.0[b]	1,420	1,704,000	1,363,200	340,800	426,000
T18N R5W	1	11.0	2,945	6,479,000	5,183,200	1,295,800	1,619,800
T18N R4W	1	3.0	4,675	2,805,000	2,244,000	561,000	701,300
T18N R3W	8	7.9	2,367	3,739,860	2,991,900	748,000	935,000
T18N R2W	0	6.0[b]	161	193,200	154,600	38,700	48,300
T17&16N R6W	3	8.7	9,070	15,781,800	12,625,400	3,156,400	3,945,500
T17&16N R5W	1	5.0	5,864	5,864,000	4,691,200	1,172,800	1,466,000
T17&16N R4W	3	6.7	5,592	7,493,280	5,994,600	1,498,700	1,873,300
T17&16N R3W	0	6.0[b]	1,896	2,275,200	1,820,200	455,100	568,800
T16N R4&3W	6	4.7	3,721	3,497,700	2,798,200	699,600	874,400
T17&16N R2W	0	6.0[b]	213	255,600	204,500	51,100	63,900
T15N R6W	1	6.0	5,711	6,853,200	5,482,600	1,370,700	1,713,300
T15N R5W	0	6.0[b]	5,626	6,751,200	5,401,000	1,350,300	1,687,800
T15N R4&3W	2	5.5	976	1,073,600	858,900	214,700	268,400
T14&13N R6W	0	6.0	1,065	1,278,000	1,022,400	255,600	319,500
T14&13N R5W	7	4.6	5,778	5,315,760	4,252,600	1.063,200	1,328,900
T14&13N R4&3W	7	6.0	3,871	4,645,200	3,716,200	929,100	1,161,300
	185		156,314	199,048,140	159,238,700	39,810,400	49,762,340

a Average thickness of peat north of latitude 61°56'48" (T22,21N boundary)
b Average thickness of peat south of latitude 61°56'48" (T22,21N boundary)

SCALE 1:63,360

CONTOUR INTERVAL 50 FEET
DATUM MEAN SEA LEVEL

ALASKA
STUDY AREA

PEAT RESOURCES OF THE TALKEETNA-KASHWITNA AREA, SOUTHCENTRAL ALASKA

by

S.E. Rawlinson

1988