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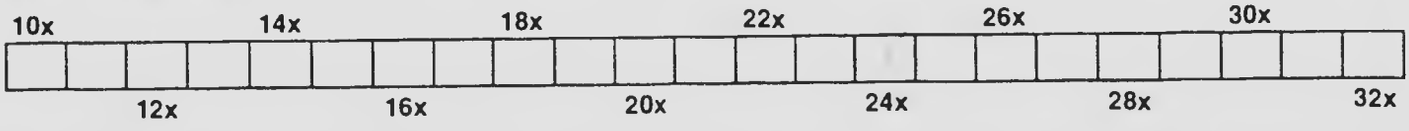

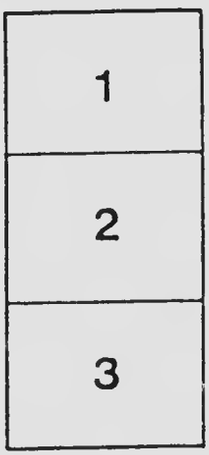

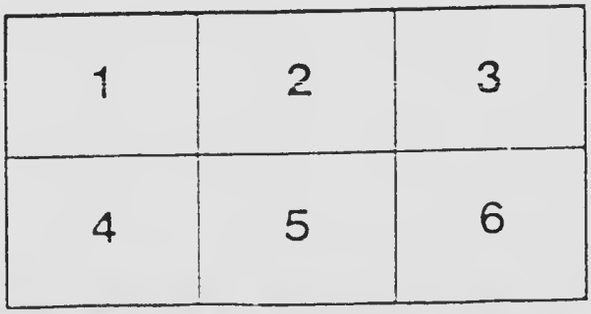

CANADIAN
PEAT INVESTIGATIONS

1908-1914

Reprinted

from the

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Vol. IV—No. 3—September, 1916

THE CANADIAN PEAT SOCIETY

22 Castle Building, Ottawa, Can.

CANADIAN PEAT INVESTIGATIONS, 1908-1914 INCLUSIVE.

Systematic investigation of the peat bogs of Canada with a view to ascertaining their location, extent, depth, character and suitability for production of fuel and litter has been carried on since 1908. The work has been under the superintendence of Mr. Anrep, son of the late Aleph Anrep, the Swedish inventor of important peat machinery extensively used in Europe.

The bogs thus far selected for investigation have been for the most part those located at convenient shipping points, leaving the extensive areas of the hinterland for subsquent investigation as demand may arise.

During the period from 1908 to the close of the season of 1914, there have been located, delimited, mapped, and investigated as to depth, character and quantity of peat available for commercial exploitation as fuel or litter, 25 bogs in Ontario, 12 in Quebec, 8 in Nova Scotia, 6 in Prince Edward Island, and 7 in Manitoba, 50 in all, covering about 140,000 acres altogether and estimated to be capable of yielding about 115,000,000 tons of fuel. 12 bogs were found to be in part or as a whole adaptable for production of peat litter, having an estimated capacity of production of about 10,500,000 tons.

Seven Ontario bogs investigated within convenient shipping distance of Toronto are estimated to be capable of producing approximately 26,500,000 tons of fuel.

Seven bogs in the Montreal district could furnish that city with 23,500,000 tons of fuel.

Five bogs along the lower St. Lawrence in Kamouraska and Temiscouata counties, convenient to the city of Quebec by water, are estimated to be capable of supplying 16,250,000 tons of fuel and 5,750,000 tons of peat litter.

Nova Scotia bogs investigated in Yarmouth, Shelburne and Lunenburg counties will produce 6,250,000 tons of fuel and 500,000 tons of peat litter.

Six bogs investigated in Prince Edward Island can furnish 1,250,000 tons of fuel and over 1,000,000 tons of litter.

The seven bogs investigated in Manitoba make no great showing as to fuel production, the aggregate production being placed at less than 2,000,000 tons, but the Julius bog, with an estimated production of about 2,500,000 tons is one of the most extensive peat litter bogs thus far examined.

In addition to the bogs surveyed, preliminary investigations have been made of nearly 250,000 acres of marsh lands in Manitoba, mostly too shallow or not sufficiently humified for manufacture of fuel.

The following tables summarize in convenient form the outstanding features of the information with regard to bogs examined contained in the several bulletins relating to the subject issued from time to time. At a time like the present when stock is being taken of the natural resources of the country, the importance of these investigations will be readily recognized.

The following bulletins have been issued by the Mines Branch of the Department of Mines recording the progress of the investigations:—

Bulletin No. 1—Investigation of the Peat Bogs and Peat Industry of Canada during the season 1908-09, by Erik Nystrom, M.E. and A. Anrep, M.E.

Bulletin No. 4—Investigation of the Peat Bogs and Peat Industry of Canada during the season 1909-10, by Aleph Anrep, Jr.

Bulletin No. 8—Investigation of the Peat Bogs and Peat Industry of Canada during the season 1910-11, by A. Anrep.

Bulletin No. 9—Investigation of the Peat Bogs and Peat Industy of Canada 1911-12, by A. Anrep.

Bulletin No. 11—Investigation of the Peat Bogs and Peat Industry of Canada 1913-14, by A. Anrep.

Bulletin No. 1 contains reports of investigations of the Mer Bleu, Alfred, Welland, Newington, Perth and Victoria Road bogs, all in Ontario.

Bulletin No. 4 describes the Brunner, Komoka, Brockville and Rondeau bogs.

Bulletin No. 8 records operations of the Government peat plant at Alfred during the season of 1910, and gives detailed accounts of the Crozier, Fort Francis, Coney Island, Lac du Bonnet, Transmission, Corduroy, Boggy Creek, Rice Lake, Mud Lake, Litter and Julius bogs. In addition to these are reports

of preliminary investigations of the Whitemouth, Plum, Netley, Clandeboye, Big Grass, Douglas, McCreary, Ochre River and Dauphin marshes in Manitoba.

Bulletin No. 9. Detailed reports of investigation of the Large and Small Tea Field, Lanoraie, St. Hyacinthe, Riviere du Loup, Cacouna, Lepare, St. Denis and Riviere Ouelle bogs in Quebec, and Moose Mountain bog in Ontario.

Bulletin No. 11. Reports on the Richmond, Luther, Amaranth, Durham, Eastnor, Cargill, Westover, Marsh Hill, Sunderlund, Manilla, Stoco, Clairview, Tweed and Buller bogs in Ontario; the L'Assomption, St. Isidore and Holton bogs in Quebec; the Black Marsh, Portage, Miscouche, Muddy Creek, Mount Stewart, Black Banks and Mermaid bogs in Prince Edward Island and the Caribou, Cherryfield, Tusket, Makoke, Heath, Port Clyde, Latour and Clyde bogs in Nova Scotia.

The bulletin is profusely illustrated containing among other things, forty-six full page plates illustrative of the botany of the bogs. Insert maps show clearly the location of the bogs investigated. An important new feature is the inclusion of twenty-four appendices with copies of Canadian patents descriptive of improvements in machinery for the handling and manufacture of peat fuel, including drawings.

PRELIMINARY INVESTIGATIONS.

RICE LAKE—Situated about 7½ miles from Point Dubois, Man. This bog has a very small area, consisting of a comparatively narrow strip surrounding the lake. The peat is poorly humified and cannot be used for the manufacture of peat fuel.

WHITEMOUTH MARSH—2 miles east of Whitemouth, Man. Estimated area 200,800 acres. Approximate area investigated, 97,000 acres. About 39,000 acres lie north of the C. P. Ry. The average depth around the margin is 7 to 8 ft. Average depth of the middle part of the bog is about 11 to 12 feet.

13,000 acres south of the C. P. Ry. have an average depth of 4 to 5 feet.

45,000 acres south of the Transcontinental Railway are heavily wooded and shallow, having an average depth of 2 to 5 feet underlaid principally with a compact blue clay.

The peat is not sufficiently humified for peat fuel and too much humified for peat litter. If drained, humification would proceed rapidly and the area north of the C.P.R. might be utilized for production of fuel. Taking into account the improvement which could result in surrounding farm land consequent upon this drainage, the undertaking would eventually be a paying proposition.

PLUM MARSH—1½ miles southwest of Whitemouth, Man. Approximate area 9,000 acres. The peat is shallow, the average depth 2 to 4 feet and is unsuitable for either fuel or litter, but after drainage the land will eventually be recovered for agricultural purposes.

NETLEY MARSH—1½ miles from Netley, Man. Approximate area, 25,000 acres. Depth of peat varies from 2 to 5 feet and a large portion of the marsh is flooded for the greater part of the year. The northern part is utilized for hunting grounds and the southern part for growing hay.

CLANDEBOYE MARSH—4 miles west of Clandeboye, Man. Approximate area 27,000 acres. This marsh is shallow, averaging in depth from 2 to 5 feet, and is unsuitable for manufacture of fuel or litter, but by drainage valuable land could be recovered for agricultural purposes.

BIG GRASS MARSH—2 miles from Gladstone, Man. Approximate area, 50,000 acres. Varies in depth from 1 to 4 feet. The Manitoba Government are dredging a trench through the bog.

DOUGLAS PEAT BOG—½ a mile from Douglas, and 13 miles east of Brandon, Man. Approximate area, 13,000 acres. Depth 1 to 4 feet, poorly humified and unsuitable for fuel or litter. Valuable agricultural land can be recovered by drainage of this area.

McCREARY MARSH—4 miles east of McCreary, Man. Covers more or less of townships 20 and 21, ranges 14 and 15 west. Depth 1 to 3 feet. Could be used profitably if drained.

OCHRE RIVER MARSH—6 miles northeast of Ochre River, Man. Approximate area, 9,000 acres. Shallow and unsuitable for fuel or litter, but can be drained and utilized for agricultural purposes.

DAUPHIN MARSH—West of Dauphin Lake, Man. Approximate area 6,000 acres. Similar to Ochre River Marsh.

MOOSE MOUNTAIN BOG about 22½ miles from Sellwood Station, Ontario, on the Canadian Northern Railway, has an area of only 9 acres. The peat is well humified and has an average depth of 6 feet, but owing to this small area the bog is of no commercial importance.

ONTARIO.

PEAT BOG	Approx. Area Acres	Less than 5 feet deep Acres	5 to 10 feet deep Acres	10 to 15 feet deep Acres	Over 15 feet deep Acres	CONTENTS Cub. Yds.	Est. Workable Volume Cub. Yds.	Est. Fuel Production with 25% moisture Tons	Est. Litter Product'n with 20% Moisture Tons
1. Mer Bleu	5,004	1,564	2,237	856	347	56,050,711	38,442,494	5,125,665	—
2. Alfred	6,800	1,377	3,084	1,316	1,014	100,182,456	70,270,200	9,369,360	—
3. Wellond	4,900	1,423	2,877	588	—	50,975,000	30,796,480	4,106,200	—
4. Newington	3,800	929	1,191	748	974	62,913,813	46,566,478	6,208,860	—
5. Perth	3,800	678	958	2,098	106	55,522,984	38,445,222	5,126,000	—
6. Victoria Road	67	36	15	12	4	638,709	402,441	53,600	—
7. Brunner	2,288	1,260	1,028	—	—	15,687,515	8,790,979	1,172,130	—
8. Komoka	900	605	295	—	—	4,786,667	1,903,733	253,830	—
9. Brockville	1,400	356	475	490	79	18,601,464	12,705,969	1,694,129	—
10. Rondeau	1,571	959	316	207	89	13,985,477	7,856,581	1,047,544	—
11. Holland	14,641	9,030	4,025	1,025	506	123,592,244	61,641,981	8,218,931	—
12. Coney Island	25	—	25	—	—	322,667	242,000	32,267	—
*13. Crozier	355	—	—	355	—	8,062,963	6,912,223	—	518,291
14. Fort Francis	1,700	929	691	86	—	14,293,368	6,684,040	891,205	—
15. Richmond	5,500	3,340	2,160	—	—	62,777,000	20,908,000	2,788,000	—
16. Luther	4,900	1,000	1,650	1,700	550	73,143,000	55,820,000	7,443,000	—
17. Amaranth	500	275	225	—	—	4,310,000	1,978,000	264,000	—
18. Westover	1,400	1,045	355	—	—	8,411,000	2,290,000	306,000	—

18. Westover ----	1,400	1,045	355	—	—	8,411,000	2,290,000	306,000	—

ONTARIO—Continued.

19. Marsh Hill ---	5,100	1,018	1,446	1,267	1,369	91,214,000	72,156,000	9,620,000	—
20. Sunderland --	580	240	340	—	—	4,999,000	2,740,000	365,000	—
21. Manilla -----	745	380	355	10	—	6,611,000	2,990,000	399,000	—
22. Stoco -------	1,285	361	666	230	28	14,808,000	10,086,000	1,345,000	—
23. Clairview ----	280	280	—	—	—	451,733	—	—	—
†24. Tweed ------	50		50						
**25. Buller ------	100		100						

*Average depth 14 ft. †Average depth 4 to 8 ft. **Average depth 5 to 7 ft.

QUEBEC.

PEAT BOG	Approx. Area Acres	Less than 5 feet deep Acres	5 to 10 feet deep Acres	10 to 15 feet deep Acres	Over 15 feet deep Acres	CONTENTS Cub. Yds.	Est Workable Volume Cab. Yds.	Est. Fuel Production with 25% moisture Tons	Est. Litter Prodct'n with 20% Moisture Tons
1. Large Tea Field	5,268	1,960	2,131	1,177	—	56,335,000	36,179,000	4,823,867	—
2. Small Tea Field	4,190	1,800	1,530	860	—	41,250,900	24,866,304	3,315,507	—
3. Lanoraie	7,500	3,966	2,830	500	204	72,627,700	35,636,295	4,751,500	—
4. St. Hyacinthe	3,890	1,394	1,390	1,074	32	44,026,300	27,494,850	3,665,980	—
5. Riviere du Loup	7,220	893	1,500	2,900	1,927	140,4[illegible]5,000	94,579,816	12,610,643	—
							19,360,000	—	1,927,666
6. Cacouna	845	262	215	264	104	15,290,000	8,371,581	—	602,773
7. Leparc	614	123	148	239	14	7,458,100	5,373,407	716,455	—
8. St. Denis	315	34	63	77	141	7,127,000	6,053,703	—	453,912
9. Riviere Ouelle	4,521	802	879	919	—	31,598,000	21,911,110	2,921,481	—
					1,921	58,670,000	36,440,747	—	2,623,734
10. L'Assomption	1,565	256	722	555	25	16,809,000	13,200,000	1,760,000	—
11. St. Isidore	1,931	439	1,002	490	—	22,159,000	16,810,000	2,242,000	—
12. Holton	6,181	2,704	3,477	—	—	51,050,000	22,400,000	2,999,000	—

PRINCE EDWARD ISLAND.

PEAT BOG	Approx. Area [Acres]	Less than 5 feet deep Acres	5 to 10 feet deep [Acres]	10 to 15 feet deep [Acres]	Over 15 feet deep [Acres]	CONTENTS [Cub. Yds.]	Est. Workable Volume [Cub. Yds.]	Est. Fuel Production with 25% Moisture [Tons]	Est. Litter Prodct'n with 20% Moisture [Tons]
1. Black Marsh ---	650	480	170	—	—	3,970,000	1,370,000	183,000	—
2. Portage -------	627	267	360	—	—	5,789,000	3,760,000	502,000	—
	148	—	—	110	38	2,930,000	2,460,000	—	184,000
3. Miscouche -----	2,797	2,411	386	—	—	12,138,720	3,110,000	415,000	—
	103	—	—	103	—	2,160,000	1,827,000	—	109,000
4. Muddy Creek --	61	61	—	—	—	347,000	—	—	—
5. Black Banks ---	884	255	179	215	235	14,413,000	11,180,000	—	838,000
6. Mermaid ------	186	84	94	8	—	1,459,000	860,000	115,000	—

MANITOBA.

1. Lac du Bonnet--	249	180	69	—	—	1,258,400	445,280	59,371	—
2. Transmission --	1,375	1,375	—	—	—	10,648,888	7,022,840	936,379	—
3. Corduroy ------	100	100	—	—	—	649,037	322,666	43,023	—
4. Boggy Creek --	661	216	406	39	—	7,065,508	4,257,049	567,607	—
5. Mud Lake -----	139	—	139	—	—	2,011,667	1,564,629	208,617	—
	28	—	28	—	—	451,733	361,387	48,173	—
6. Litter -------	82	—	—	40	42	1,664,795	1,389,739	—	104,230
7. Julius -------	3,896	996	1,954	946	—	44,382,514	32,651,756	—	2,448,881

NOVA SCOTIA.

PEAT BOG	Approx. Area [Acres]	Less than 5 feet deep Acres	5 to 10 feet deep [Acres]	10 to 15 feet deep [Acres]	Over 15 feet deep [Acres]	CONTENTS [Cub. Yds.]	Est. Workable Volume [Cub. Yds.]	Est. Fue' Production with 25% Moisture [Tons]	Est. Litter Prodct'n with 20% Moisture [Tons]
1. Caribou	687	342	215	130	--	4,372,000	1,960,000	262,000	—
	200	—	—	—	200	6,417,000	5,815,000	—	436,155
2. Cherryfield	160	27	46	30	57	2,796,000	2,240,000	299,000	—
3. Tusket	235	82	105	48	—	2,576,000	1,936,000	258,000	—
4. Makoke	460	120	240	100	—	5,445,000	3,560,000	475,000	—
5. Heath	2,024	813	1,087	120	4	19,790,000	12,350,000	1,646,000	—
	150	12	124	14	—	1,629,000	1,380,000	—	104,000
6. Port Clyde	1,666	955	552	159	—	13,690,000	7,660,000	1,021,000	—
7. Latour	849	273	419	157	—	8,855,000	5,660,000	755,000	—
8. Clyde	2,240	1,390	520	180	150	18,225,000	11,590,000	1,545,000	—

ONTARIO	67,691	27,085	24,564	10,988	5,066	792,340,801	500,628,821	65,829,721	518,291
QUEBEC	44,040	14,633	15,887	9,055	4,368	564,826,000	368,676,813	39,806,433	5,608,085
NOVA SCOTIA	8,671	4,014	3,308	938	411	83,795,000	54,151,000	6,261,000	540,155
P. E. I.	5,456	3,558	1,189	436	273	43,206,720	24,573,000	1,215,000	1,131,000
MANITOBA	6,530	2,867	2,596	1,025	42	68,132,542	48,015,346	1,863,170	2,553,111
Grand Totals	132,388	52,157	47,544	22,442	10,160	1,552,301,063	996,044,980	114,975,324	10,350,642

PEAT LITTER BOGS INVESTIGATED.

BOG	Est. production Peat Litter 20 % Moisture Tons	Absorptive Capacity		Phosphorus %	Nitrogen %	
		Dry	25 % Moisture			
Ontario						
Crozier	518,291					
Quebec						
Riviere du Loup	1,927,666	11.4		.037	1.0	
*Cacouna	602,773					
St. Denis	602,772					
Riviere Ouelle	2,623,734			.037	0.9	
Nova Scotia						
Caribou	436,155	13.6	9.9			
†Heath	104,000	8.2	5.9			
Prince Edward Island						
Portage	184,000	12.6	9.2			
Miscouche	109,000	15.6	11.5			
**Black Banks	838,000	15.2	11.1			Top layer 1 metre.
		17.4	12.9			2nd layer 1 metre.
		16.	11.8			3rd layer 1 metre.
Manitoba						
Litter	104,230			.030 .041	1.35	
Julius	2,448,881			.028 .057	1.0	

*Contains too much humus to produce a first-class litter.

†Did not behave like the other peat litters, but formed a kind of gelatinous mud in the wire basket, through which water ran with difficulty and as the area is comparatively small, it would not be advisable to erect a peat litter plant on a commercial basis.

**Ash in moisture free peat, surface layer, 2.7, 2nd layer, 3.7, 3rd layer, 4.4.

††Absorptive capacity about satisfactory.

ONTARIO.

PEAT BOG	Partial Analysis of Absolutely Dry Peat					LOCATIONS AND SHIPPPING FACILITIES
	Volatile Matter %	Fixed Carbon %	Ash %	Nitrogen %	Calorific Value B T U per lb.	
1. Mer Bleu	68.40	25.00	6.60	1.26	9126	8 miles from Ottawa on C. P. Ry. and G. T. Ry.
2. Alfred	68.13	26.56	5.31	1.76	8730	Near Alfred Station, Prescott County, on C.P.R. 42 miles from Ottawa.
3. Welland	70.53	24.28	5.19	1.44	8667	6 miles from Welland on Welland Canal.
4. Newington	67.07	26.27	6.66	1.76	8465	At Newington Station on N.Y. & O. Ry., 40 miles from Ottawa.
5. Perth	71.51	24.60	3.89	1.80	9143	1½ miles from Perth Station, Lanark County, C. P. Ry.
6. Victoria Road	69.52	25.18	5.30	—	8649	1 mile from Victoria Road Station, Midland Division, G.T.R.
7. Brunner	64.09	25.16	10.75	1.73	8850	8 miles from Stratford. Traversed by G. T. Ry.
8. Komoka	60.90	18.52	20.58	1.63	7490	2 miles from London, on C.P.R. and G.T.R.
9. Brockville	66.70	21.75	11.75	2.41	8173	3 miles from Brockville on C.P.R.
10. Rondeau	61.00	22.90	16.10	2.77	7914	6 miles from Blenheim on Lake Erie.
11. Holland	63.50	26.20	10.50	2.67	8510	Just east of Bradford in Simcoe & York Counties.
12. Coney Island						On Coney Island in Lake of the Woods, 1 mile west of Kenora.
13. Crozier						6 miles southwest of Fort Francis, Rainy River District.
14. Fort Francis	62.40	28.90	8.70	—	8910	1 mile west of Fort Francis, Rainy River District.
15. Richmond	60.54	28.06	11.40	2.00	8854	2½ miles south of Richmond, Carleton County.
16. Luther	61.70	27.50	10.80	1.67	8364	7 miles from Grand Valley, Dufferin County (2½ miles from C. P. Ry.)

16. Luther	61.70	27.50	10.80	1.67	8364	7 miles from Grand Valley, Dufferin County (2½ miles from C. P. Ry.)

ONTARIO—Continued.

17. Amaranth	59.90	27.20	12.90	1.70	8710	4 miles from Crombie Station, Dufferin County.
18. Westover	55.60	24.10	20.30	2.30	7920	4 miles south of C.P.R. in Wentworth County.
19. Marsh Hill	60.85	26.48	12.67	2.18	8068	Extends from 1 mile north of Uxbridge to 1½ miles south of Cannington, Ontario County.
20. Sunderland	60.50	28.30	11.20	2.00	8280	1 mile north of Sunderland, Ontario County.
21. Manilla	59.90	28.80	11.30	2.10	8100	2 miles from Mariposa Station, Ontario County (G.T.R. ½ mile from bog.)
22. Stoco	60.97	23.13	15.90	2.37	7557	½ mile from Stoco Station, Bay of Quinte Ry., Hastings Co.
23. Clairview						4 miles from Erinsville Station, Bay of Quinte Ry., Hastings Co.
24. Tweed						1 mile south of Tweed Station, Hastings County.
25. Buller						1 mile from Buller Station, Hastings County.

QUEBEC.

PEAT BOG	Partial Analysis of Absolutely Dry Peat					LOCATION AND SHIPPING FACILITIES
	Volatile Matter %	Fixed Carbon %	Ash %	Nitrogen %	Calorific Value B T U per lb.	
1. Large Tea Field	65.50	29.00	5.50	2.00	9400	2 miles northwest of Huntingdon Station, Huntingdon Co.
2. Small Tea Field	64.50	29.00	6.50	2.00	9200	4½ miles from Huntingdon Station, 1½ miles from Port Lewis Wharf.
3. Lanoraie	65.00	27.65	7.35	2.00	8967	At Lanoraie Station, 40 miles from Montreal. Traversed by C. P. Ry.
4. St. Hyacinthe	63.50	30.50	6.00	2.00	8850	2 miles from St. Hyacinthe Station on C. P. Ry.
5. Riviere du Loup	68.60	28.60	2.80	1.00	9280	1 mile south of Riviere du Loup Station, Temiscouata County.
6. Caeouna						At Caeouna Station and traversed by C. P. Ry.
7. Lepare	69.00	28.00	3.00	1.00	9000	Near Caeouna Station and traversed by C. P. Ry.
8. St. Denis						1 mile from St. Denis wharf, Kamouraska County and on branch line of I. C. Ry.
9. Riviere Ouelle	68.00	29.00	3.00	1.00	9200	1 mile from Riviere Ouelle Station, Kamouraska and on I. C. Ry.
10. L'Assomption	67.00	28.65	4.35	2.00	9700	2 miles from L'Epiphanie Station, L'Assomption County.
11. St. Isidore	62.00	32.00	6.00	2.00	8900	3 miles south of St. Isidore Station.
12. Holton	59.00	27.00	14.00	2.00	8500	2 miles east of Holton Station.

PRINCE EDWARD ISLAND.

PEAT BOG	Partial Analysis of Absolutely Dry Peat					LOCATIONS AND SHIPPPING FACILITIES
	Volatile Matter %	Fixed Carbon %	Ash %	Nitrogen %	Calorific Value B T U per lb.	
1. Black Marsh	65.00	30.00	5.00	0.85	9800	6 miles from Tignish, Prince County.
2. Portage						1 mile from Portage Station, Prince County.
3. Miscouche	63.00	30.00	7.00	1.35	9400	1 mile from St. Nicholas Station. traversed by P.E.I. Ry.
4. Muddy Creek						3 miles southwest of St. Nicholas Station.
5. Black Banks						5 miles south of Alberton.
6. Mermaid	67.00	29.00	4.00	1.05	9800	2 miles from Mount Herbert Station on the I.C. Ry.

MANITOBA.

1. Lac du Bonnet	59.40	25.00	15 60	1.40		4 miles west of Lac du Bonnet.
2. Transmission	56.80	24.20	19 00	1.60		18 miles from Point Dubois.
3. Corduroy						14 miles from Point Dubois.
4. Boggy Creek	59.00	22.55	18.45	2.50	8730	12 miles from Point Dubois.
5. Mud Lake	69.10	23.20	7.70	1.50	8760	3 miles from Point Dubois.
6. Litter	66.10	26.20	7.70	1.55	9090	2 miles from Point Dubois.
7. Julius						1 mile west of Shelley.

NOVA SCOTIA.

PEAT BOG	Partial Analysis of Absolutely Dry Peat					LOCATION AND SHIPPING FACILITIES
	Volatile Matter %	Fixed Carbon %	Ash %	Nitrogen %	Calorific Value B T U per lb.	
1. Caribou	65.37	30.38	4.25	1.18	9665	1½ miles from Berwick on Dom. Atl. Ry.
2. Cherryfield	64.10	29.80	6.10	1.10	9450	½ mile from Cherryfield Station, Lunenburg County.
3. Tusket	61.00	28.80	10.20	1.70	9255	Near Tusket Station, Yarmouth County.
4. Makoke	66.00	28.80	5.20	1.55	9415	1½ miles south of Tusket Station.
5. Heath	64.30	28.72	6.98	1.55	9455	1 mile from Central Argyle Station, Yarmouth County.
6. Port Clyde	66.75	29.95	3.30	1.13	9665	3 miles from Port Clyde Station, Shelburne County. Traversed by Halifax & Southwestern Ry.
7. Latour	67.95	28.15	3.90	1.10	9290	1½ miles from Upper Port Latour, Shelburne County.
8. Clyde	64.88	30.16	4.96	1.20	9506	2½ miles from Clyde River Village, Shelburne County.