APPENDIX No. 1

KOOTANIE COALS—ELK RIVER, B. C.

Localities.	Thickness of Seam.	Split Vol. ratio.	Moisture	Volatile matter.	Fixed Carbon.	Ash.	Sulphur.	Calorific value in B.T.U.
Headwaters Elk river—								
Seam at Height of land, 15 ft.	13′–0″	3·44	9·10	21·00	57·00	12·90	.....	.....
Seam at Height of land, south side, small seam	.....	2·70	3·36	45·27	47·70	3·67	.....	.....
Seam opposite Elk lake in centre of valley	6′–0″	3·59	4·90	30·06	56·60	8·44	.....	.....
Prospect tunnel on Aldridge creek	7′–0″	4·45	1·60	32·47	63·44	2·49	.....	.....
Seam on Elk river	15′–0″	7·27	.....	21·76	68·20	10·04	.....	.....
Michel—								
Mine No. 3, highest seam worked	15′–0″ to 30′–0″	7·28	1·00	20·57	72·00	6·15	0·28	14656
Mine No. 4, 80 ft. below highest seam	10′–0″ to 30′–0″	7·60	1·00	18·93	70·13	9·50	0·44	13850
Fernie—								
Mines Nos. 1 and 2, Coal creek	8′–0″ and 6′–0″	7·01	0·84	22·38	73·17	3·15	0·46	14935
No. 1 mine, seam 9 ft. below 8 ft. seam	9′–0″	7·15	0·92	18·85	64·42	15·65	0·16	13757
No. 3 mine, Coal creek, upper seam of No. 2 mine	6′–0″	7·34	0·92	20·63	72·05	6·00	0·40	14284
No. 4 mine, Coal creek, 750 ft. below No. 1	22′–0″	8·92	0·96	13·46	61·92	23·50	0·16	12114
Morrissey—								
Mine No. 1, steam coal	18′–0″	6·83	0·90	22·19	70·99	5·60	0·32	14346
Mine No. 2, steam coal	18′–0″	11·52	0·82	11·73	71·50	15·75	0·20	12858
Marten creek—								
Jubilee seam, 2nd crossing	30′–0″	4·59	1·89	30·41	63·33	4·37	0·48	14447
Peter seam, 2nd crossing	14′–0″	4·26	1·79	33·04	61·55	3·62	0·51	14490
Small seam, 2nd crossing	2′–0″	3·67	2·12	26·92	43·48	27·48	.....	.....
Cannel coal, "Birdseye splint"	.....	.....	2·10	57·71	30·33	9·86	.....	.....

KOOTANIE COALS—ALBERTA.

Coleman Area.

Steam: No. 2 seam, Coleman. Average of 2 analyses	16′–0″	5·60	0·45	25·42	61·10	13·03	.....	.....
Coking: No. 4 seam, Coleman. Average of 2 analyses	6′–0″	8·51	0·74	16·61	68·65	13·50	.....	.....
Half mile north of Coleman. Middle seam	2′–10″	4·50	1·82	24·55	51·22	22·41	.....	.....

Blairmore-Frank Area.

Coal from near Blairmore	.....	11·53	1·22	11·70	75·67	11·41	.....	.....
Two miles from Frank	.....	4·83	0·71	29·78	61·49	8·02	.....	.....
South fork Oldman river, 4 miles above south branch	9′–9″	5·10	1·93	23·23	57·50	17·34	.....	.....

Livingstone Area.

Livingstone river, Sec. 35, tp. 10, R. 3, west of 5th	30′–0″	4·51	1·03	32·20	61·28	5·49	.....	.....
" " "	5′–0″	5·69	1·75	19·99	58·40	19·86	.....	10947
Livingstone river, northwest branch	8′–0″	5·82	1·24	24·62	66·61	7·53	.....	.....
Sheep creek, south branch near Burns location, Sec. 11, tp. 17, R. 7, west of 5th.	9′–6″	12·03	1·30	11·14	77·13	10·43	.....	.....
	9′–6″	11·61	0·52	13·19	76·00	10·29	.....	.....
Sheep creek, Burns location	8′–8″	12·37	0·74	11·51	74·71	13·04	.....	.....
North end of area near Tombstone mountain, Kananaskis river	.....	9·55	0·87	13·66	66·72	18·75	.....	.....