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CANADIAN ISLAND CREEK COAL LTD.
Comox Coal Field
TSOLUM RIVER
Preliminary Evaluation

VOLUME 2
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CONFIDENTIAL

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(Drafting - Lynn McKellar)

Campbell River Area

Campbell River #1
should read

Conglomerate	920-925	
Coal	925-926	
Carb Shale	926-946	
Coal	946-950	
Conglomerate	950-972	
Coal	972-974	
Carb Shale	974-988	
Coal	988-990	
Carb Shale	990-992	
Coal	992-993	
Carb Shale	993-1,010	
Coal	1,010-1,012	
Carb Shale	1,012-1,022	
Coal	1,022-1,027	(Page 53)
Altered Basalt	1,027-1,055	

Dove Creek #1.

should be in Anderson Lake Area
next to Page 82

Page 55 becomes 82A

Also "E" Logs transferred to Anderson Area Map Box

Oyster River #2
should read

Carb Shale	493-49'9	
Coal	499-500	
Carb Shale	500-501	
Coal	501-502	
Carb Shale	502-508	
Coal	508-510	(Page 58)

Balance of Log as shown

VANCOUVER ISLAND
RESOURCE STUDY

HOLE NO. - Campbell River #1
 LOCATION - Campbell River Area
 ELEVATION - 340
 DATE - July 1975

<u>Type of Cuttings</u>	<u>FEET</u>	
	<u>FROM</u>	<u>TO</u>
Sand and Gravel	0	-62,
Sandstone	62	8 5
Shale	85	9 5
Sandstone	9 5	1 1 1
C o a l	111	112
Carbonaceous Shale	112	132
Grey Sandstone	132	151
Carbonaceous Shale	151	173.5
Siltstone	173.5	244
Grey Sandstone	2 4 4	340
Grey Shale	340	345
Sandstone	345	4 0 8
Siltstone	4 0 8	4 1 8
Carbonaceous Shale	418	423
Grey Siltstone	423	4 7 7
Grey Sandstone	477	531
Shale	531	584
Sandstone	584	650
Siltstone	650	665
Grey Shale	665	710
Sandstone	710	732
Grey Shale	732	758
Sandstone	758	890
Red Shale	890	892
Grey Shale	892	917
Sandstone	917	9 2 0
Conglomerate	920	932
Carbonaceous Shale,	932	934
Conglomerate	934	973
Carbonaceous Shale	973	1010

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Campbell River #2
LOCATION - Campbell River Area
ELEVATION - 4 5 0
DATE - July 1975

<u>Type of Cuttings</u>	<u>FEET</u>	
	<u>FROM</u>	<u>TO</u>
Gravel and Boulders	0	8
Gravel and Till	8	52
Sand and Gravel	52	205

Lost Circulation
Unable to Complete

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. -- Dove Creek #1

LOCATION - Campbell River Area

ELEVATION - 430

DATE - June 1975

Type of Cuttings	FEET	
	FROM	TO
Sand and Gravel	0	17
Sandstone	17	23
Grey Sandstone	23	61
Dark Grey Shale	61	65
Coal	65	68.9
Sandstone	68.9	90
Grey Sandstone	90	122.5
Grey Shale - carbonaceous - coal stringers	122.5	131.8
Grey Sandstone	131.8	159.5
Grey Shale	159.5	160
Grey Sandstone	160	181
Grey Silty Shale	181	188.9
Grey Sandstone	189	197
Grey Shale - coal stringers	197	208
Grey Sandstone	208	251.5
Carbonaceous Shale, Coal	251.5	253.7
Grey Shale	253.7	254.9
Grey Sandstone	254.9	265
Grey Sandstone	265	276
Coal	276	279.1
Black Shale	279.1	282
Dark Grey Sandstone	282	297.6
Coal	297.6	298.8
Siltstone	298.8	303
Sandstone	303	366
Shale, Siltstone - coal stringers	366	379
Hard Sandstone - dark grey	379	380
Hard Shale - dark grey	380	387
Sandstone - dark grey	387	394
Grey Shale	394	407
Sandstone	407	414
Coal	414	415.5
Grey Shale	415.5	418
Grey Sandstone	418	419.5
Grey Shale	419.5	423
Grey Sandstone	423	481

cont'd ...

Borehole No. 1 - Dove Creek

Type of <u>Cuttings</u>	FEET	
	FROM	TO
Carbonaceous Shale, Coal	481	483
Grey Sandstone	483	486
Carbonaceous Shale, Coal	486	487.1
Grey Sandstone	487.1	490
Grey Shale	490	493.5
Coal	493.5	497
Black Shale	497	502
Siltstone	502	504
Sandstone	504	514
Siltstone and Shale - dark grey	514	527
Sandstone - dark gray	527	531.5
Coal and Shale	531.5	532.5
Sandstone with Shale stringers	532.5	565
Soft Grey Shale	565	572
Basalt	572	578
Dark Grey Shale	578	581
Basalt	581	597

**VANCOUVER ISLAND
RESOURCE STUDY**

BOREHOLE NO. - Oyster River #1
 LOCATION - Campbell River Area
 ELEVATION - 400
 DATE - June 1975

Type of Cuttings	FEET	
	FROM	TO
Grey Sandstone	0	6 5
Sandstone	65	115
Sandstone - dark gray, very hard	115	1 7 0
Sandstone - dark grey, very hard	170	177
Grey Sandstone	177	188.5
Grey-Green Sandstone	188.5	209
Hard Green Sandstone	209	230
Sandstone	230	245.5
Dark Grey Shale	245.5	251
Grey Sandstone	251	259
Grey Shale	259	276
Soft Brown Shale	276	293
Grey Sandstone	293	304
Sandstone - very hard	304	327
Grey Sandstone	3 2 7	351
Grey Shale	351	373.5
Coal	373.5	377
Grey Shale	377	379
Grey Siltstone	379	4 0 1
Grey Shale	401	407
Grey Sandstone	407	442
Sandstone	442	451
Sandstone	451	473
Siltstone	473	477
Sandstone	477	522
Gray Sandstone	522	594
Sandstone	594	607
Carbonaceous Shale	607	610
Grey Sandstone - hard	610	636
Hard Grey Shale	636	638
Sandstone - black, green	638	- 6 5 4
Sandstone	654	665

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Oyster River #2
 LOCATION - Campbell River Area
 ELEVATION - 480
 DATE - June 1975

<u>Type of Cuttings</u>	FEET	
	FROM	TO
Gravel and Till	0	36
Sandstone	36	70
Silty Shale	70	95
Sandstone	95	111
Brown Shale and Carbonaceous Shale	111	112
Sandstone	112	116
Coal and Brown Shale	116	117
Brown Shale,	117	119
Brown and Grey Shale - some coal traces	119	121
Grey Shale	121	133
Grey Siltstone	133	135
Sandstone	135	217
Brown and Carbonaceous Shale	217	219.2
Sandstone.	~219.2	272
Grey and Brown Shale	272	276
Brown Shale with Bentonite & Coal traces	276	277
Grey Shale	277	292
Grey Siltstone	292	305
Sandstone	305	354
Red Siltstone	354	359
Grey Shale	359	365
Sandstone	365	380
Sandstone	380	395
Siltstone	395	425
Sandstone	425	435
Silty Shale	435	452
Carbonaceous Shale - Coal Traces	452	458
Silty Shale	458	472
Carbonaceous Shale - Coal Traces	472	475
Siltstone	475	490
Sandstone	490	493
Carbonaceous Shale	493	503
Sandstone	503	507
Carbonaceous Shale	507	510
Grey Siltstone	510	548
Red and Grey Siltstone and Sandstone	548	566

cont'd ...

<u>Type of Cuttings</u>	<u>FEET</u>	
	<u>FROM</u>	<u>TO</u>
Sandstone	566	576
Sandstone - very coarse	576	642
Sandstone	642	670
Sandstone	670	679
Red and Grey Siltstone and Shale	679	710
Shale (green and grey) with Quartz	710	730
Oxidized Basalt	730	755

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Quinsam River #1
 LOCATION - Campbell River Area
 ELEVATION - 390
 DATE -- July 1975

<u>Type of Cuttings</u>	FEET	
	FROM	TO
Gravel	5	16
Grey Sandstone	16	54
Grey Sandstone	54	67
Sandstone	67	102
Grey Siltstone	102	104
Sandstone	104	165
Grey Sandstone	165	202
Grey Shale	202	211
Grey Sandstone - faulty formation	211	276
Grey Shale	276	282
Red Shale	282	285
Sandstone	285	365
Grey Sandstone	365	423
Shaley Siltstone	423	428.2
Sandstone	428.2	478
Red Shale	478	482
Sandstone	482	495
Sandstone --dark grey with Shale stringers	495	568.9
Sandstone --carbonaceous	568.9	569.1
Grey Sandstone	569.1	658
Red Shale	658	665
Grey Sandstone - faulty formation	665	671
Red Shale	671	672
Grey Shale	672	674
Red Shale	674	680
Grey Sandstone	680	682

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Quinsam Lake #1
 LOCATION - Campbell River Area
 ELEVATION - 680
 D A T E - July 1975

Type of Cuttings	FEET		
	FROM	T	O
Gravel and Boulders	0	38	
Grey Shale	38	50	
Siltstone	50	88	
Silty Shale	88	1	1 7
Sandstone	117	129	
Siltstone	129	140	
Red Shale	140	182	
Sandstone	182	237	
Coal and Carbonaceous Shale	237	241	
Sandstone	241	338	
Grey Shale with Soft Sandstone Bands	338	380	
Grey Siltstone	380	4	1 1
Sandstone	411	421	
Brown Shale arid Siltstone (some carbonaceous shale)	421	430	
Sandstone	430	436	
Carbonaceous Shale	436	442	
Silty Shale	442	452	
Sandstone.	452	508	
Carbonaceous. Shale - Coal Traces	508	528	
Sandstone	528	536	
Carbonaceous Shale	536	551	
Silty Shale with Carbonaceous Layers	551	562	
Grey Siltstone	562	654	
Red and Grey Siltstone and Shales	654	707	
Siltstone	707	7	0 9
Basalt (oxidized) - Traces of Native Copper	709	729	

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Anderson Lake #1
LOCATION - Anderson Lake Area
ELEVATION - 1320
DATE - June 1975

Type of Cuttings	FEET	
	FROM	TO
Sandstone	0	48
Siltstone	48	52
Sandstone	52	145
Coal	145	145.5
Black Shale - coal traces	145.5	150
Sandstone	150	236
Carbonaceous Shale	236	237
C o a l	237	237.5
Carbonaceous Shale	-237.5-	242
Coal	242	242.5
Carbonaceous Shale with Pyrites	242.5	245
Coal with Pyrites	245	245.5
Carbonaceous Shale	245.5	256
Grey Siltstone	256	275
Carbonaceous Shale	275	281
Soft Sandstone.	281	305
Carbonaceous Shale	305	314
Siltstone	314	353
Carbonaceous Shale	353	355
Siltstone	355	364
Sandstone	364	370
Siltstone	370	381
Sandstone	381	422
Carbonaceous Shale	422	426
Siltstone	426	428
Carbonaceous Shale	428	430
Siltstone	430	439
Carbonaceous Shale	439	444
Siltstone	444	445
Carbonaceous Shale	445	451
Hard Sandstone	451	478
Soft Sandstone	478	479.5
Carbonaceous Shale	479.5,	484
Sandstone	484	550
Carbonaceous Shale	550	557

cont'd ...

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Borehole No. 1-Anderson Lake

<u>Type of Cuttings</u>	<u>F E E T</u>	
	<u>FROM</u>	<u>TO</u>
Silty Shale	557	565
Carbonaceous Shale	565	575
Siltstone	575	606
Carbonaceous Shale	606	618
Siltstone	618	626
Sandstone	626	641
Carbonaceous Shale	641	655
Hard Sandstone - white	655	680
Brown Sandstone	680	735
Siltstone	735	784
Carbonaceous Shale - coal lenses	784	798
Silty Shale	798	800
Carbonaceous Shale - coal stringers	800	801
Carbonaceous Shale	801	807
Siltstone	807	818
Sandstone	818	830

**VANCOUVER ISLAND
RESOURCE STUDY**

BOREHOLE NO. - Anderson Lake #2
 LOCATION - Anderson Lake Area
 ELEVATION - 1 4 4 0
 DATE - June 1975

<u>Type of Cuttings</u>	FEET	
	FROM	TO
Weathered Siltstone	0	4
Coal	4	8.5
Grey Shale	4.5	11
Coal	11	15.5
Grey Shale	15.5	20.3
Siltstone	20.3	23.5
Sandstone	23.5	45.5
Coal	45.5	46.5
Carbonaceous Shale	46.5	47
Coal	47	47.5
Grey Shale	47.5	48
Siltstone	48	52
Carbonaceous Shale	52	53.5
siltstone	53.5	60
Carbonaceous Shale	60	71
Sandstone	71	89
Siltstone	89	92
Sandstone	92	98
Siltstone	98	106
Carbonaceous Shale	106	116
Sandstone	116	127
Carbonaceous Shale	127	129
Sandstone	129	150
Carbonaceous Shale	150	154
Sandstone	154	171
Siltstone	171	179
Silty Shale	179	188
Siltstone	188	191
Carbonaceous Shale	191	193
Sandstone	193	196
Silty Shale	196	203
Sandstone	203	207

cont'd ...

Borehole No. 2 - Anderson Lake

<u>Type of Cuttings</u>	<u>FEET</u>	
	<u>FROM</u>	<u>TO</u>
Carbonaceous Shale	209	209
Siltstone	216	216
Carbonaceous Shale		221
Sandstone	221	255
Siltstone	255	263
Sandstone	263	269
Siltstone	269	277
Sandstone	277	347
Siltstone	347	355
Silty Shale	35.5	359
Sandstone	3.59	37.5
Basalt	375	400

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Anderson Lake #3
 LOCATION - Anderson Lake Area
 ELEVATION - 1410
 DATE - July' 1975

Type of Cuttings	FEET	
	FROM	TO
Sandstone	0	37
Grey Shale	37	46
Carbonaceous Shale & Coal Trace	46	48
Silty Shale	48	50
Siltstone	50	54
Carbonaceous Shale	54	64
Carbonaceous Shale & Coal Trace	64	69
Shale	69	70
Siltstone	70	86
Carbonaceous Shale & Coal Trace	86	87
Coal	87	88
Silty Shale	88	90
Carbonaceous Shale	90	91
Siltstone	91	104
Sandstone	104	108
Sandstone Grey	108	109
Carbonaceous Shale	109	109.7
Sandstone Dark Grey	109.7	112.6
Coal	112.6	115.2
Shale Black	115.2	116
Sandstone Grey	116	118
Shale with Coal Stringer	118	120.2
Sandstone Dark Grey	120.2	127.9
Carbonaceous Shale with Coal Stringer	127.9	133.2
Coal	133.2	133.8
Shale	133.8	134.2
Sandstone Grey Fine	134.2	147.5
Soft Grey Shale	147.5	149
Black Shale	149	151
Conglomerate	151	153
Dark Grey Sandstone	153	156
Sandstone Salt & Pepper	156	176
Black Siltstone	176	181
Dark Grey Sandstone	181	186.5
Shale with Coal Stringer	186.5	189
Shale Soft Dark Gray	189	191

cont'd ...

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Borehole No. 3 - Anderson Lake

Type of Cuttings	FEET	
	FROM	TO
Grey Siltstone	191	194
Grey Sandstone	194	211
Black Siltstone	211	220.8
Coal	220.8	224.5
Carbonaceous Shale	224.5	230
Black Siltstone	230	231
Dark Grey Sandstone	231	243
Salt & Pepper Sandstone	243	252
Sandstone	253	266
Siltstone	266	269
Sandstone	269	293
Siltstone	293	299
Sandstone	299	300
Siltstone	300	304
Carbonaceous Shale	304	325
Sandstone	325	350
Sandstone Salt & Pepper	350	355
Sandstone	355	357
Hard Siltstone	357	360
Basalt		

**VANCOUVER ISLAND
RESOURCE STUDY**

BOREHOLE NO. - Anderson Lake #4
 LOCATION - Anderson Lake Area
 ELEVATION- - 1515
 DATE - July 1975

Type of Cuttings	FEET	
	FROM	TO
Sandstone	0	51
Carbonaceous Shale	51	53.2
Coal	53.2	54.8
Carbonaceous Shale	54.8	61
Grey Shale	61	67.5
Coal	67.5	71.5
Shale	71.5	72
Coal	72	75
Shale	75	79
Sandstone	79	103.5
Coal	103.5	104.5
Shale	104.5	109
Sandstone	109	314
Siltstone	314	319
Sandstone	319	325
Siltstone	325	338
Shale	338	341
Siltstone	341	344.2
Carbonaceous Shale	344.2	356
Sandstone	356	374.2
Coal	374.2	374.9
Shale	374.9	375.3
Coal	375.3	380.2
Shale	380.2	383
Siltstone	383	388
Shale	388	399.2
Coal	399.2	403.2
Shale	403.2	424
Sandstone	424	433
Basalt	433	448

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO: - Anderson Lake #5
 LOCATION - Anderson Lake Area
 ELEVATION - 1490
 DATE - July 1975

<u>Type of Cuttings</u>	F <u>FROM</u>	E E	E E	T <u>TO</u>
Sandstone	0			7
Hard Sandstone	7			29
Carbonaceous Shale	29			33.5
Coal	33.5			35.5
Carbonaceous Shale	35.5			37
Grey Shale	37			3 8
Siltstone	38			39
Sandstone	39			45
Carbonaceous Shale	45			46
Grey Shale	46			47
Siltstone	47			48
Carbonaceous Shale	48			49
Grey Shale	49			50
Carbonaceous Shale & Coal Trace	50			51
Grey Shale	51			51.5
Carbonaceous Shale	51.5			52
Carbonaceous Shale & Coal Trace	52			53
Sandstone	53			56
Siltstone	5 6			58
Grey Shale	58			68
Carbonaceous Shale	68			72
Grey Shale	72			73
Carbonaceous Shale	7	3		75.5
Coal	75.5			76
Carbonaceous Shale & Coal Trace	76			78
Sandstone	78			82
Sandstone Hard Grey	80			167
Sandstone with Shale	1 6 7			169
Carbonaceous Shale with Coal Stringers	169			176
Siltstone Dark Grey	1 7 6			179.6
Coal	179.6			180.2
Shale with Coal Stringers	180.2			184
Coal	1 8 4			185
Shale	185			186
Sandstone Grey	186			198

cont'd...

Borehole No. 5 - Anderson Lake

<u>Type of Cuttings</u>	FEET	
	<u>FROM</u>	<u>TO</u>
Siltstone	462	4 6 4
Sandstone	464	467
Hard Sandstone & Quartz	467	470
Siltstone	470	486
Sandstone	486	517
Sandstone Grey	519	525
Carbonaceous Shale	525	526
Siltstone	526	527.5
Carbonaceous Shale with Coal	527.5	529.5
Sandstone Fine Grey	529.5	5 3 6
Hard Black Sandstone	536	540
Basalt	5 4 0	547

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Anderson Lake #6
 LOCATION - Anderson Lake Area
 ELEVATION - 1620
 DATE - July 1975

<u>Type of Cuttings</u>	FEET	
	F R O M	T O
Gravel & Boulders	0	6
Frac. Shale	6	9
Sandstone	9	10.5
Carbonaceous Shale	10.5	11.5
Coal	11.5	13.5
Brown Shale	13.5	15
Shaley Coal	15	15.6
Grey Shale	15.6	17
Sandstone	17	26.2
Shale with Coal	26.2	27
Sandstone	27	33
Siltstone	33	35
Carbonaceous Shale	35	36
Coal	36	37.5
Carbonaceous Shale	37.5	42
Grey Shale	42	43
Carbonaceous Shale & Coal Trace	43	44
Grey Shale	44	45
Carbonaceous Shale	45	47
Grey Shale	47	48
Sandstone	48	51
Grey Shale	51	53
Siltstone	53	54
Grey Shale	54	55
Sandstone	55	60
Carbonaceous Shale	60	63
Siltstone	63	66
Grey Shale	66	69
Carbonaceous Shale & Coal Trace	69	70
Grey Shale	70	71
Carbonaceous Shale	71	72
Siltstone	72	73
Sandstone	73	116
Siltstone	116	148
Carbonaceous Shale	148	160

cont'd...

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Borehole No. 6 - Anderson Lake

<u>Type of Cuttings</u>	<u>FEET</u>	
	<u>FROM</u>	<u>TO</u>
Black Siltstone	162	169
Carbonaceous Shale Brown-Black	169	171
Dark Grey Sandstone Coarse	171	190
Black Siltstone	190	191.5
Sandstone	191.5	218
Conglomerate Basalt	218	219
Grey Sandstone	219	221
Soft Grey Shale	221	22.5
Conglomerate	22.5	226
Sandstone	226	308
Hard Sandstone	308	323
Sandstone Conglomerate	323	359
Basalt	359	372

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - And&son Lake #7

LOCATION - Anderson Lake Area

ELEVATION - 1495

DATE - July 1975

Type of Cuttings	FEET	
	FROM	TO
Sandstone	0	53
Carbonaceous Shale	53	56
Siltstone	56	57
Grey Shale	57	58
Sandstone	58	129
Carbonaceous Shale	129	135
Coal	135	135.5
Carbonaceous Shale	135.5	139
Coal	139	141
Carbonaceous Shale	141	146
Siltstone	146	148
Carbonaceous Shale	148	149
Coal	149	150
Carbonaceous Shale	150	151
Sandstone	151	189

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. ~ Anderson Lake #9
LOCATION ~ Anderson Lake Area
ELEVATION ~ 850
DATE ~ August 1975

<u>Type of Cuttings</u>	F E E T	
	<u>FROM</u>	<u>TO</u>
Gravel and Clay.		61
Sandstone		7 6
Carbonaceous Shale	76	9 0
Basalt.	90	117

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Anderson Lake #10

LOCATION - Anderson Lake Area

ELEVATION - 955

DATE - August 1975

<u>Type of Cuttings</u>	FEET	
	<u>FROM</u>	<u>TO</u>
Gravel-and Boulders	0	41
Basalt	41	50

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Anderson Lake #11
LOCATION - Anderson Lake Area
ELEVATION - 829
DATE - August 1975

<u>Type of Cuttings</u>	<u>' FEET</u>	
	<u>FROM</u>	<u>TO</u>
Sand and Gravel	0	42
Basalt	42	5 2

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Browns River #2
 LOCATION - Anderson Lake Area
 ELEVATION - 620
 DATE - June 1975

Type of Cuttings	- FEET	
	FROM	T O
Gravel	0	30
Brown Clay, Gravel and Boulders	30	46
Soft Sandstone	46	63
Grey Sandstone	63	78
Coal with Shale Stringers	78	80
Carbonaceous Shale	80	81
Grey Sandstone	81	87
Grey Sandstone	87	103
Soft Sandstone	103	126
Carbonaceous Shale with Coal Traces	126	133
Siltstone	133	140
Carbonaceous Shale	140	142
Sandstone	142	192
Grey Sandstone	192	209
Black Shale	209	215
Brown Shale	215	227.5
Coal and Carbonaceous Shale	~227.5	228.5
Coal	228.5	234.5
Coal	234.5	237
Grey Sandstone	237	245
Sandstone	245	274
Siltstone	274	282
Sandstone	282	290
Carbonaceous Shale	290	296
Sandstone	296	315
Carbonaceous Shale - Coal Traces	315	337
Grey Sandstone	337	345
Grey Sandstone	345	360
Black Shale - some Coal Traces	360	402
Green and Grey Siltstone	402	403
Basalt	403	425

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Browns River #3
 LOCATION - Anderson Lake Area
 ELEVATION - 490
 D A T E - August 1975

<u>Type of Cuttings</u>	F FROM	E E T TO
Gravel	0	35
Sandstone	35	80
Shale	80	106
Carbonaceous Shale	-106	108
Coal	108	109.5
Carbonaceous Shale	-109.5	123
Sandstone	123	144
Carbonaceous Shale	144	146
Sandstone	146	156
Carbonaceous Shale	156	159
Sandstone	159	184
Siltstone	184	190
Coal	190	192
Carbonaceous Shale	192	194
Sandstone	-194	264
Grey Shale	264	287
Coal	287	290
Grey Shale	290	-293
Sandstone	293	368
Shale	368	386
Carbonaceous Shale	386	388
Coal	388	389
Carbonaceous Shale	389	410
Sandstone	410	416
Basalt	416	430

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Headquarters Creek #1
 LOCATION - Anderson Lake Area
 ELEVATION - 250
 DATE - June 1975

<u>Type of Cuttings</u>	F E E T	
	FROM	TO
Grey Shale - small sandstone stringers	0	38
Grey Siltstone	38	75
Hard Grey Siltstone	75	112
Grey Shale	112	126
Hard Grey Siltstone	126	174
Dark Grye Sandstone - hard	174	175
Hard Grey Siltstone	175	239
Grey Siltstone	239	257
Grey Sandstone	257	262
Grey Silty Shale	262	356
Grey Sandstone	356	361
Grey Siltstone	361	376
Hard, Dark Grey Siltstone	376	426
Hard Sandstone	426	480
Grey Sandstone	480	675
Sandstone - grey, hard	675	690
Siltstone, d&k grey	690	709
Sandstone	709	717

VANCOUVER ISLAND
- RESOURCE STUDY

BOREHOLE NO. - Tsolum River #1
 LOCATION - Anderson Lake Area
 ELEVATION - 260
 DATE - June 1975

<u>Type of Cuttings</u>	F E E T	
	FROM	TO
Clay Top Soil	0	4
Soft Water-Soaked Shale	4	27
Muddy Shale	27	29
Grey Sandstone	29	47
Grey Shale Carbonaceous - Coal Stringers	47	58
Grey Sandstone	58	82
Grey Shale - Coal Stringers	82	100
Grey Sandstone	100	104.5
Grey Shale	104.5	131
Grey Sandstone	131	150
Grey Shale - Coal Stringers	150	153
Grey Sandstone	153	155
Grey Shale	155	159
Grey Sandstone	159	167.2
Carbonaceous Shale	167.2	169
Coal	169	169.9
Carbonaceous Shale	169.9	174
Coal	174	176
Shale	176	182
Dark Grey Siltstone	182	184
Shale - Coal Stringers	184	189
Soft, Grey Shale	189	194.8
Coal	194.8	198
Soft, Brown Shale	198	224.8
Coal	224.8	225.6
Shale	225.6	231
Coal	231	232.5
Shale - Coal Stringer's	232.5	275.3
Coal	275.3	276.5
Shale	276.5	281
Sandstone - (Salt Water)	281	288
Soft, Grey Shale	288	301
Sandstone	301	305
Soft, Grey Shale	305	318
Hard, Grey Shale	318	333
Grey Siltstone	333	343
Basalt	343	365

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Tsolum River #2
 LOCATION Anderson Lake Area
 ELEVATION - 4 2 0
 DATE June 1975

Type of Cuttings	FEET	
	FROM	TO
Till and Weathered Siltstone	0	6
Sandstone	6	366
Brown Shale with Coal Traces	366	367
Sandstone	367	376
Brown Carbonaceous Shale - Coal Traces	376	380.5
Grey Shale	380.5	382.5
Grey Siltstone	382.5	385
Sandstone	385	458
Brown Shale and Coal	458.5	458.5
Grey Shale		
Carbonaceous Shale	459.5	459.8
Grey Shale	459.8	462
Carbonaceous Shale - Coal Traces	462	463
Grey Shale	463	466
Sandstone	466	498
Brown Siltstone	498	505
-Carbonaceous Shale Layers	505	542
Brown Shale - Sandstone Stringers	542	565
Grey Siltstone	565	576
Grey Shale - Coal Streamers	576	577
Grey Sandstone	577	611
Carbonaceous Shale - Coal Streamers	611	620.5
Coaly Shale	620.5	631
Grey Sandstone	631	693
Brown Shale and Carbonaceous Shale	693	700
Sandstone	700	701
Grey and Brown Siltstone	701	725
Sandstone	725	777

VANCOUVER ISLAND
RESOURCE STUDY

BOREHOLE NO. - Brown River #1
 LOCATION -- Cumberland Area
 ELEVATION - 405
 DATE . . . - June 1975

Type of Cuttings	FEET	
	FROM	TO
Sand and Gravel	0	46
Grey Sandstone	46	58.7
Grey Shale	58.7	7 1
Grey Sandstone	71	79
Carbonaceous Shale	79	83.3
Grey Shale	83.3	84.7~
Grey Sandstone	84.7	172
Coal	172	172 . 8
Grey Sandstone	172.8	212
Sandstone	212	239
Shale - dark grey	239	241 . 5
Coal	241.5	245
Shale - dark grey	245	245.3
Sandstone - black & white	245.3	281
Hard Grey Sandstone	281	300
Hard Black Shale	300	309
Coal and Shale	309	311
Soft Grey Shale	311	313
Grey Sandstone - soft	313	3 4 2
Brown Shale	342	343.5
Sandstone - black & white	343.5	375
Grey Sandstone	375	407
Coal	407	407.7
Grey Shaley Siltstone'	407.7	4 1 2
Grey Sandstone"	412	4 2 7
Shale	427	432
Coal	432	436.5
Grey Shale	436.5	443
Grey Sandstone	443	496
Grey Shale	496	5 0 2 . 8
Coal	502.8'	503.6
Grey Shale	503.6	506
Grey Sandstone	506	515.8
Grey Shale - coal traces	515.8	517
Grey Sandstone	517	518.5
Dark Shale	518.5	521 .

...cont'd

Borehole No. 1 - Browns River

<u>Type of Cuttings</u>	FEET	
	<u>FROM</u>	<u>TO</u>
Grey Sandstone	521	533
Dark Siltstone-	533	542
Grey Sandstone	542	557
Grey Shale	557	561
Coal	561	564.2
Grey Shale	564.2	575
Sandstone	575	607
Soft Brown Shale	607	609
Grey Sandstone	609	644
Brown Shale with Coal stringers	644	650.6
Coal	650.6	
Brown Shale-- soft	653.6	659
Grey Shale	659	660
Grey Sandstone	660	664
" Black Shale - hard	664	667
Hard Sandstone - dark grey	667	681
Grey Sandstone - soft	681	695
Basalt	695	717

CUMBERLAND AREA

.A series of bore holes near No.7 slope

Bore Hole No. 8D (2630 ft. from mouth of No.2 **slope**)

Elevation: feet Depth: 198' **1"**

Location:

	Thickness	Depth
Surface	50' 0"	50' 0"
Sandstone	4' 7"	54' 7" 10"
Black shale	1' 0"	55' 7" 10"
Coal	6"	56' 3" 4"
Coal and shale	6"	56' 9" 10"
Dark shale	22' 2"	78' 11" 0"
Sandstone plies	3' 0"	81' 11" 0"
Black shale	1' 6"	83' 5" 6"
Coal	1' 0"	84' 5" 6"
Black shale	7"	84' 12" 1"
Coal	4"	85' 4" 5"
Black shale	2"	85' 6" 7"
Coal-	9"	85' 15" 4"
Sandstone	5' 0"	90' 15" 4"
Black shale	1' 0"	91' 15" 4"
Sandstone	1' 6"	92' 9" 10"
Light shale	4' 0"	96' 9" 10"
Black shale-	1' 3"	97' 12" 1"
Light shale	2' 0"	99' 12" 1"
Sandy shale	3' 9"	102' 9" 10"
Sandstone	11' 1"	113' 9" 0"
Dark shale	6"	113' 15" 6"
Sandstone	2' 0"	115' 15" 6"
Dark shale	6"	116' 3" 0"
Sandstone	1' 6"	117' 9" 6"
Black shale	6"	118' 3" 0"
Coal	6"	118' 9" 6"
Sandstone'	4' 6"	122' 9" 0"
Coal	10"	122' 19" 10"
Dark shale	6"	123' 5" 4"
Sandstone	4' 4"	127' 5" 8"
Dark shale	1' 0"	128' 5" 8"
Sandy	3"	128' 8" 11"
Dark shale	1' 4"	129' 12" 3"
Sandstone	6' 0"	135' 12" 3"
Black shale	3"	135' 15" 6"
Coal	3' 10"	139' 15" 4"
Shale	1' 8"	140' 23" 0"
Coal	6"	140' 29" 6"

Bore Hole No. 8D cont'd

	<u>Thickness</u>	<u>Depth</u>
Coal and shale	11"	190' 5"
Coal	1' 5"	191' 10"
Dark shale	2' 0"	193' 10"
Trap	4' 3"	198' 1"

CUMBERLAND AREA

Bore Bole **No. 9D** (3350 **ft.** from mouth of No. 2 slope)

Elevation: feet Depth: 312' **0"**

Location:

	<u>Thickness</u>	<u>Depth</u>
Surface	33' 0"	33' 0"
Sandstone	42' 8"	75' 8"
Black shale	10"	76' 6"
Coal	6"	77' 0"
Light shale	1' 2"	78' 2"
Sandstone	10' 0"	88' 2"
Black shale	5' 10"	94' 0"
Coal	1' 1"	95' 1"
Black shale	3' 4"	98' 5"
Coal	4"	98' 9"
Sandstone	2' 0"	100' 9"
Light shale	1' 3"	102' 0"
Black shale	6' 4"	108' 4"
Sandstone	10' 0"	118' 4"
Sandstone	48' 2"	166' 6"
Coal	1' 4"	167' 10"
Sandy shale	13' 2"	181' 0"
Sand	6' 0"	187' 0"
Dark shale	7' 6"	194' 6"
Sandstone	2' 6"	197' 0"
Coal	4"	197' 4"
Shale	3"	197' 7"
Coal	2"	197' 9"
Shale	3"	198' 0"
Coal	1' 6"	199' 6"
Shale	1' 0"	200' 6"
Coal	3"	200' 9"
Sandy shale	3' 4"	204' 1"
Sandy plies	1' 0"	205' 1"
Shale	5"	205' 6"
Sandstone	1' 10"	207' 4"
Sandstone	20' 10"	228' 2"
Sandstone	8' 0"	236' 2"
Sandstone	1' 0"	237' 2"
Sandstone	3' 8"	240' 10"
Sandstone	1' 3"	242' 1"
Shale	1' 0"	243' 1"
Coal	5"	243' 6"
Sandy shale	7' 10"	251' 4"
Sandstone	4' 0"	255' 4"

Bore Bole No. 9D cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone	7' 6"	262' 10"
Black shale	1' 3"	264' 1"
Coal	1' 0"	265' 1"
Shale	4"	265' 5"
Sandstone	3' 6"	268' 11"
Black shale	9"	269' 8"
Coal	7"	270' 3"
Shale	6"	270' 9"
Sandstone	11' 7"	282' 4"
Shale, dark & light	1' 0"	283' 4"
Light shale.	1' 2"	284' 6"
Black shale	6"	285' 0"
L i g h t s h a l e	1' 3"	286' 3"
Black shale	3"	286' 6"
Coal , hard	3' 9"	290' 3"
Dark shale	9"	291' 0"
Coal	3"	291' 3"
Black shale	1' 2"	292' 5"
Coal , hard	1' 0"	293' 5"
Black shale	1' 0"	294' 5"
Black shale	1' 4"	295' 9"
Dark shale	1' 0"	296' 9"
Light bandy shale	3' 0"	299' 9"
S a n d s t o n e	2' 0"	301' 9"
Sandstone plies	8"	302' 5"
Light and dark shale	1' 6"	303' 11"
Black shale	2"	304' 1"
Sandstone	5' 4"	309' 5"
Trap	2' 7"	312' 0"

CUMBERLAND AREA

Bore Hole No. 10D (4600' from mouth of No.2 slope)

Elevation: feet Depth: 637' 5"

Location:

Date: 1906

	<u>Thick & s</u>	<u>Depth</u>
Surface	33' 0"	33' 0"
Sandstone	9' 0"	42' 0"
Sandstone	24' 6"	66' 6"
Sandstone	8"	67' 2"
Shale, dark	5' 11"	73' 1"
Dark plies	6"	73' 7"
Coal	1' 6"	75' 1"
Black & light shale	2' 0"	77' 1"
Light shale	2' 0"	79' 1"
Sandstone	12' 3"	91' 4"
Sandstone	36' 7"	127' 11"
Sandstone	1' 0"	128' 11"
Sands tone	2' 0"	130' 11"
Sandstone	3' 1"	134' 0"
Sandstone	8' 6"	142' 6"
Sandstone	55' 10"	198' 4"
Black shale	4"	198' 8"
Coal	1' 3"	199' 11"
Dark shale	9"	200' 8"
Light shale	2' 0"	202' 8"
Black shale	1' 3"	203' 11"
Coal	4"	204' 3"
Dark shale	16' 1"	220' 4"
Black shale	1' 2"	221' 6"
Coal	3"	221' 9"
Black shale	6"	222' 3"
Coal	10"	2 2 3 1"
Black shale	3"	223' 4"
Coal	7"	223' 11"
Black shale	2"	224' 1"
Light shale	1' 0"	225' 1"
Black shale	9"	225' 10"
Light shale	2' 1"	227' 11"
Black shale	1' 1"	229' 0"
Coal	2"	229' 2"
Black shale	3"	229' 5"
Coal	3"	229' 8"
Black shale	1' 2"	230' 10"
Coal	4"	231' 2"
Black shale	2' 0"	233' 2"

	<u>Thickness</u>	<u>Depth'</u>
Sandstone	32' 10"	266' 0"
Sandstone	13' 3"	279' 3"
Sandy shale	3' 6"	282' 9"
Sandstone	1' 6"	284' 3"
Dark sandy shale	9' 9"	294' 0"
Sandstone	8' 0"	302' 0"
Sandstone	6' 0"	308' 0"
Sandstone	1' 0"	309' 0"
Sandstone	10' 0"	319' 0"
Sandstone	8"	319' 8"
Sandstone	8' 1"	327' 9"
Light shale	2' 6"	330' 3"
Dark shale	6"	330' 9"
Plies	6"	331' 3"
Black shale	1' 0"	332' 3"
Coal and shale	1' 0"	333' 3"
Coal	4"	333' 7"
Black shale	4"	333' 11"
Coal	6"	334' 5"
Black shale	6"	334' 11"
Coal	2"	335' 1"
Black shale	2' 7"	337' 8"
Sands tone	2' 0"	339' 8"
Dark shale	2' 0"	341' 8"
Sandstone	1' 6"	343' 2"
Sandstone	23' 0"	366' 2"
Sandstone	43' 2"	409' 4"
Black shale	6"	409' 10"
Coal and shale.	6"	410' 4"
Dark shale	20' 5"	430' 9"
Sandy --plies	1' 0"	431' 9"
Black shale	2' 9"	434' 6"
Coal	2' 3"	436' 9"
Coal and shale	6"	437' 3"
Black shale	1' 0"	438' 3"
Coal	3"	438' 6"
Black shale	1' 8"	440' 2"
Sandy	1' 4"	441' 6"
Sandstone	10' 8"	452' 2"
Sandstone	2' 0"	454' 2"
Sandstone	14' 9"	468' 11"
Sandstone	1' 0"	469' 11"
Sandstone	7' 1"	473' 0"
Sandstone	1' 0"	478' 0"
Coal and shale	5"	478' 5"
Sandstone	3' 2"	481' 7"
Black shale	9"	482' 4"
Coal	2"	482' 6"
Black shale	6"	483' 0"
Sandstone	1' 0"	484' 0"
Light shale	2' 6"	486' 6"

Bore Hole No. 10D cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone,	22' 11"	510' 5"
Black shale	6"	510' 11"
Coal and shale	6"	512' 5"
Black shale	2' 9"	514' 2"
Coal and shale	4"	514' 6"
Dark shale	1' 5"	515' 11"
Coal	4"	516' 3"
Dark shale	3"	516' 6"
Sands tone	4' 0"	520' 6"
Dark shale	3"	520' 9"
Coal	1' 0"	521' 9"
Dark shale	6"	522' 3"
Light shale	2' 4"	524' 7"
Black shale	6"	525' 1"
Light shale	3' 0"	528' 1"
Dark shale	1"	528' 2"
Coal	1' 11"	530' 1"
Coal and shale	2"	530' 3"
Coal	2' 4"	532' 7"
Shale	7"	533' 2"
Coal and shale	5"	533' 7"
Coal	4"	533' 11"
Shale	1"	534' 0"
Coal	1' 1"	535' 1"
D a r k shale	1' 10"	536' 11"
Coal	5"	537' 4"
Black shale	2"	537' 6"
Black shale	3' 2"	540' 8"
Sandstone	9' 5"	550' 1"
Shale	9' 0"	559' 1"
Sandstone	2' 0"	561' 1"
Shale	6' 0"	567' 1"
Sandstone	2' 0"	569' 1"
Shale	3' 6"	572' 7"
Sandstone	6' 6"	579' 1"
Sands tone	10' 8"	589' 9"
Light shale	6' 0"	595' 9"
Dark shale	4' 3"	600' 0"
Light shale	1' 6"	601' 6"
Black shale	1' 6"	603' 0"
Coal	1"	603' 1"
Dark shale	2' 5"	605' 6"
Light shale	1' 0"	606' 6"
Black shale	1' 6"	608' 0"
Coal	2"	608' 2"
Black shale	3' 6"	611' 8"
Coal	1"	611' 9"
Shale	5' 3"	617' 0"
Sandstone	5"	617' 5"
Trap	20' 0"	637' 5"

CUMBERLAND AREA

Bore Hole **No. 11D** (5950 ft. from mouth of No. 2 slope)

Elevation: feet Depth: 724' **4"**

Location:

Date: 1906

	<u>Thickness</u>	Depth
Surface	37' 0"	38' 0"
Sandstone	49' 0"	86' 0"
Sandstone	1' 0"	87' 0"
Coal	1' 4"	88' 4"
Black shale	2"	88' 6"
Sandstone	55' 8"	144' 2"
Sandstone	1' 9"	145' 11"
Sandstone	9' 2"	155' 1"
Black shale	7"	155' 8"
Coal	4"	156' 0"
Black shale	1' 9"	157' 9"
Coal	6"	158' 3"
Dark shale	3"	158' 6"
Coal	11"	159' 5"
Dark shale	3' 7"	163' 0"
Coal	7"	163' 7"
Shale	4"	163' 11"
Sandstone	19' 9"	183' 8"
Sandstone	2' 3"	185' 11"
Sandstone	3' 0"	188' 11"
Sandstone	1' 4"	190' 3"
Sandstone	6' 1"	196' 4"
Sandstone	2' 1"	198' 5"
No core	1' 9"	200' 2"
Sandstone	5' 6"	205' 8"
Sandstone	2' 2"	207' 10"
Sandstone	2' 0"	209' 10"
Sandstone	10' 0"	219' 10"
Sandstone	19' 8"	239' 6"
Sandstone	1' 0"	240' 6"
Sandstone	3' 0"	243' 6"
Sandstone	18' 2"	261' 8"
Sandstone	1' 0"	262' 8"
Sandstone	7' 0"	269' 8"
Sandstone	22' 6"	292' 2"
Sandstone	15' 7"	307' 9"
Sandstone	24' 6"	332' 3"
Sandstone	2' 0"	334' 3"
Sandstone	1' 6"	335' 9"
Coal	1' 0"	336' 9"

8"

Bore Hole No. **11D** cont'd

	<u>Thickness</u>	<u>Depth</u>
Light shale	2' 6"	339' 3"
Black shale	4"	339' 7"
Light shale.	6"	340' 1"
Black shale	2' 6"	342' 7"
Light shale	1' 3"	343' 10"
Dark shale	1' 0"	344' 10"
Coal	8"	345' 6"
Dark shale'	11' 7"	357' 1"
	5' 6"	362' 7"
C o a l	1' 0"	363' 7"
Dark shale	1' 6"	365' 1"
Coal	6"	365' 7"
Dark shale	1' 0"	368' 7"
Sandstone	1' 0"	369' 7"
Light shale	6"	371' 1"
Black shale	8"	371' 9"
Coal and shale	4"	372' 1"
Black shale	2' 2"	374' 3"
Coal and shale	1' 0"	375' 3"
Coal	6"	375' 9"
Dark shale	2' 0"	377' 9"
Sandy shale	1' 2"	378' 11"
Sandstone	3' 0"	381' 11"
Sandstone	13' 3"	395' 2"
Sandstone	4' 6"	399' 8"
Sandstone	14' 9"	414' 5"
Coal	1' 0"	415' 5"
B l a c k shale	4"	415' 9"
Sandy shale	8"	416' 5"
Sandy shale	4' 3"	420' 8"
Sandstone	7' 6"	428' 2"
Sandstone	3' 4"	431' 6"
Coal	6"	432' 0"
Black shale	4"	432' 4"
Coal	4"	432' 8"
Black shale	9"	433' 5"
Black, shale	9' 0"	442' 5"
Sandstone	2' 6"	444' 11"
Light shale	1' 0"	445' 11"
Black shale	10"	446' 9"
Light shale.	3' 7"	450' 4"
Coal	6"	450' 10"
B l a c k shale	4"	451' 2"
Coal	1' 0"	452' 2"
Black shale	2' 11"	455' 1"
Dark shale	6' 3"	461' 4"
Dark sandy shale	5' 0"	466' 4"
Dark sandy shale	1' 0"	467' 4"
Sandstone plies	3' 0"	470' 4"
Sandstone plies	4' 6"	474' 10"
Sandstone	14' 6"	489' 4"

Bore Hole No. 11 D cont'd

	Thickness	Depth
Sandstone	23' 6"	512' 10"
Sandstone	10' 0"	522' 10"
Sandstone	5' 6"	528' 4"
Dark shale	1' 0"	529' 4"
Coal matter	8' 6"	530' 10"
Dark shale	8' 0"	538' 10"
Dark shale		546' 10"
Sandstone	1' 0"	547' 10"
CO.31	8"	548' 6"
Black shale	6"	549' 0"
Light shale	1' 0"	550' 0"
Black shale	6"	550' 6"
Coal	7"	551' 1"
Dark shale;	5"	551' 6"
Coal	1' 0"	552' 16"
No core	9"	553' 3"
Black shale	1' 0"	554' 3"
Coal	4"	554' 7"
Black shale	6"	555' 1"
Dark sandy	2' 0"	557' 1"
Sand plies	1' 8"	558' 9"
Sand plies	2' 0"	560' 9"
Sandstone	18' 4"	579' 1"
Sandstone	2' 9"	581' 10"
Sandstone	8' 3"	590' 1"
Coal	3"	590' 4"
Black shale	4"	590' 8"
Dark shale.	2' 1"	592' 9"
Coal & shale	6"	593' 3"
Black shale	8"	593' 11"
Light shale	2' 0"	595' 11"
Sandstone	21' 9"	617' 8"
Black shale	1' 6"	619' 2"
Coal and shale	4"	619' 6"
No core	1' 0"	620' 6"
Sandstone plies	1' 9"	622' 3"
Light shale	9"	623' 0"
Coal	3"	623' 7"
Black shale	1' 10"	623' 10"
Light sandy shale		625' 8"
Light sandy shale	1' 0"	626' 8"
Sandstone plies	8"	627' 4"
Light shale	1' 6 1/2"	628' 10"
Black shale.	4"	629' 2"
Light shale	2' 0"	631' 2"
Light sandy shale	1' 2"	632' 4"
Light shale	1' 9"	634' 1"
Black shale	3"	634' 4"
Coal and shale	1' 2"	635' 6"
Bony	9"	636' 3"
Black shale	3"	636' 6"

	<u>Thickness</u>	<u>Depth</u>
Light sandy shale	6"	637' 0"
Black shale	2' 6"	639' 6"
Dark shale	1' 2"	640' 8"
Sandstone	6' 0"	646' 8"
Sandstone	6"	647' 2"
Sandstone	1' 0"	648' 2"
Sandstone	6"	648' 8"
Sandstone	9"	649' 5"
Sandstone	4"	649' 9"
Black shale	1' 7"	651' 4"
Coal	9"	652' 1"
Dark shale	3"	652' 4"
Coal	9"	653' 1"
Black shale	4"	653' 5"
Light shale	6"	653' 11"
Bony	4"	654' 3"
Coal	4"	654' 7"
Black sandstone	6"	655' 1"
Light sandstone	7' 1"	662' 2"
Light shale	8' 10"	671' 0"
Black shale	8"	671' 8"
Light shale	3' 6"	675' 2"
Blue shale	2' 0"	677' 2"
Plies	11' 0"	688' 2"
Blue shale	4' 0"	692' 2"
Plies	6"	692' 8"
Dark shale	6"	693' 2"
Black shale	4"	693' 6"
Sandstone	4"	693' 10"
Dark shale	1' 6"	695' 4"
Black shale	4"	695' 8"
Coal	2"	695' 10"
Black shale	4"	696' 2"
Sandstone	1' 8"	697' 10"
Sandstone	1' 0"	698' 10"
Dark shale	4"	699' 2"
Coal and shale	8"	699' 10"
Dark shale	9"	700' 7" cont.
Black shale	6"	701' 1"
Dark shale	1' 3"	702' 4"
Dark shale	8"	703' 0"
Dark shale	2' 0"	705' 0"
Light shale	1' 0"	706' 0"
Black shale	6"	706' 6"
Light shale	3' 1"	709' 7"
Light shale	4' 0"	713' 7"
Trap	10' 7"	724' 4"

CUMBERLAND AREA

Bore Hole **No. 12D** (Ahead of No.7 slope)

Elevation: **320 feet** Depth: **881' 11"**

Location: **Comox** District. **Sec. 9**, Township 9

Date: 1906

Thickness Depth

Surface	16' 0"	16' 0"
Dark shale	21' 0"	37' 0"
Sandy shale	23' 6"	60' 6"
Sandy shale	26' 6"	87' 0"
Sandy shale	4' 6"	91' 6" H
Sands tone	7' 6"	99' 0" C
Shale	4"	99' 4"
S a n d s t o n e	4' 0"	103' 4"
Shale	8' 2"	111' 6"
Sandy shale	12' 0"	123' 6"
Sandstone	8' 4"	131' 10"
Plies	8' 0"	139' 10"
Sandy shale	21' 6"	161' 4"
Sandy shale	7' 0"	168' 4"
Sandstone	8' 0"	176' 4"
Coal and shale	4"	176' 8"
Dark shale	1' 0"	177' 8"
Coal	8"	178' 4"
Light shale	6"	178' 10"
Coal and shale	2"	179' 0"
Coal	3"	179' 3"
Sandstone	1"	180' 4"
Sands tone.	2' 0"	182' 4"
Sandstone	54' 0"	236' 4"
Sandstone	27' 8"	264' 0"
Sandstone	1' 6"	265' 6"
Sandstone	3' 9"	269' 3"
Coal and shale	6"	269' 9"
C o a l	3"	270' 0"
'Black shale	1' 0"	271' 0"
Coal	8"	271' 8"
Sandstone	4"	272' 0"
Coal	2"	272' 2"
Sandstone	27' 10"	300' 0"
Sandstone	29' 6"	329' 6"
Black shale	6"	330' 0"
Coal	3"	330' 3"
Dark shale	1' 3"	331' 6"
Sand. shale	1' 3"	332' 9"
Coal	4"	333' 1"

Bore Hole No. 12 D cont'd

	<u>Thickness</u>	<u>Depth</u>
Light-shale	3"	333' 4"
Coal	1' 0"	334' 4"
Sands tone	33' 11"	368' 3"
Sandstone	15' 0"	383' 3"
Sandstone	1' 0"	384' 3"
Sandstone	4' 9"	389' 0"
Coal and shale	3' 0"	392' 0"
Sandstone.	14' 4"	406' 4"
Dark shale	5' 6"	411' 10"
Sandstone	6' 3"	418' 1"
Sandstone	4' 0"	422' 1"
Sandstone	17' 0"	439' 1"
Sandstone	2' 0"	441' 1"
Sandstone	5' 0"	446' 1"
Sandstone	6' 0"	452' 1"
Sandstone	5' 0"	457' 1"
Sandstone	1' 0"	458' 1"
Sandstone	7' 9"	465' 10"
Black shale	6"	466' 4"
Sands tone	4' 11"	471' 3"
Sandstone	12' 6"	483' 9"
Sandstone	11' 9"	495' 6"
Sandstone	2' 0"	497' 6"
Sandstone	3' 9"	501' 3"
Sandstone	30' 0"	531' 3"
Sandstone	2' 0"	533' 3"
Sandstone	1' 0"	534' 3"
Sandstone	6' 8"	540' 11"
Black shale	5"	541' 4"
Coal	1' 0"	542' 4"
Dark shale	6"	542' 10"
Light shale	3' 6"	546' 4"
Sandy shale	1' 0"	547' 4"
Light shale	7"	547' 11"
Coal and shale	4"	548' 3"
Dark shale	1' 6"	549' 9"
coal.	4"	550' 1"
Dark shale	1' 0"	551' 1"
Black shale	4"	551' 5"
Dark shale	3"	551' 8"
Dark shale	4' 8"	556' 4"
Black shale	3' 6"	559' 10"
Coal	4"	560' 0"
Black shale	6"	560' 8"
Dark shale	1' 0"	567' 8"
Dark shale	1' 0"	568' 8"
Coal	0"	569' 8"
Dark shale	9"	570' 5"
Coal	4"	570' 9"
Black shale	1' 2"	571' 11"
Dark shale	1' 6"	573' 5"

	<u>Thickness</u>	<u>Depth</u>
Dark-shale	8"	574' 1"
Coal	1"	574' 2"
Black shale	2' 2"	576' 4"
Coal	1' 1"	577' 6"
Black shale	6"	578' 0"
Sandstone	7' 8"	585' 8"
Sandstone	11' 0"	596' 8"
Sandstone	10' 6"	607' 2"
Sandstone	9' 0"	616' 2"
Sandstone	2' 6"	618' 8"
Coal	4"	619' 0"
Coal and shale	6"	619' 6"
Coal	6"	620' 0"
Black shale	6"	620' 6"
Dark shale	1' 0"	621' 6"
Dark plies	8' 0"	629' 6"
Black shale	9"	630' 3"
Coal	4"	630' 7"
Black-shale	6"	631' 1"
Dark shale	6' 2"	637' 3"
Sandstone	2' 6"	639' 9"
Dark shale	5' 2"	644' 11"
Black shale and coal	3"	644' 5"
Dark shale	1' 6"	646' 8"
Black shale	4"	647' 0"
Coal	1' 7"	648' 7"
Black shale	1' 0"	649' 7"
Coal	4"	649' 11"
Black shale	8"	650' 7"
Dark shale	2' 2"	652' 9"
Sandstone	16' 10"	669' 7"
Sandstone	21' 6"	691' 1"
Sandstone	25' 8"	716' 9"
Sandstone	4' 0"	720' 9"
Sandstone	9"	721' 6"
Black shale	9"	722' 3"
Coal	1' 0"	723' 3"
Black shale and coal	7"	723' 10"
Dark sandstone.	1' 6"	725' 4"
Dark shale	2' 0"	727' 4"
Dark S. shale	11' 0"	738' 4"
Black shale	2' 6"	740' 10"
Coal	1' 5"	742' 3"
D. Plies sandstone	2"	742' 5"
Black shale	1' 0"	743' 5"
Black shale	1' 0"	744' 5"
Coal and shale.	5"	744' 10"
C o a l	9"	745' 7"
Black shale	1' 10"	747' 5"
Coal	1' 0"	748' 8"
Sandy shale	5"	748' 8"
Coal	1' 2"	749' 10"

Bore Hole no. 12D **cont'd**

	<u>Thickness</u>	<u>Depth</u>
Coal and shale	6"	750' 4"
Dark. shale	1' 10"	752' 2"
Sandstone	2' 0"	754' 2"
Sandstone	16' 5"	770' 7"
Dark sandston	4' 0"	774' 7"
Coal	4"	774' 11"
Black shale	5"	775' 4"
Sandstone	5' 8"	781' 0"
Sandstone	16' 6"	797' 6"
Sandstone	9' 9"	807' 3"
Black shale	3' 10"	811' 2"
Coal	6"	811' 8"
Light sand	2' 0"	813' 8"
Dark shale	1' 2"	814' 10"
Coal	1"	814' 11"
Dark shale	10"	815' 9"
Coal	8"	816' 5"
Dark shale	2"	816' 7"
Sandstone	14' 9"	831' 4"
Sandstone	14' 6"	845' 10"
Light shale	2' 6"	848' 4"
Coal	4' 10"	852' 8"
Dark shale	8"	853' 4"
Coal	6"	853' 10"
Dark shale	2' 3"	856' 1"
Coal	2' 7"	858' 8"
Shale	3"	858' 11"
C o a l	11"	859' 10"
Dark shaly sandstone	2' 4"	862' 2"
Light shale	1' 6"	863' 8"
Burnt shale and sandstone	3' 0"	866' 8"
Dark S. and sandstone	1' 0"	867' 8"
Light sandstone	2' 0"	869' 8"
Sandstone	12' 3"	881' 11"
T r a p		

CUMBERLAND AREA

Bore Hole No. **13D** (ahead of No.7 slope)

Elevation: 2304 **feet(BA)** Depth: **990'** 8"

Location: Comox District, V.I.

Date: **1906**

	<u>Thickness</u>	<u>Depth</u>
Surface	12' 0"	12' 0"
Dark shale	30'	42' 5"
Sandy shale	44' 5"	86' 10"
Sandy shale	46' 8"	133' 6"
Sandy shale	41' 6"	175' 0"
Sands tone	11' 0"	186' 0"
Sandstone	2' 0"	188' 0"
Sandstone	22' 7"	210' 9"
Sandstone	2' 0"	212' 9"
Sandstone	4' 0"	216' 9"
Sandstone	2' 0"	218' 9"
Sandy shale	4' 9"	223' 6"
Sandstone	7' 0"	230' 6"
Sandy shale	11' 9"	242' 3"
Sandstone	10' 6"	252' 9"
Sandstone	11' 0"	263' 9"
Sandstone	6"	264' 3"
Coal	6"	264' 9"
Dark shale	1' 3"	266' 0"
Coal and shale	8"	266' 8"
-Coal	9"	267' 5"
-Dark shale	3"	267' 8"
Dark shale	1' 6"	269' 2"
Sandstone	28' 9"	297' 11"
Sandstone	48' 9"	346' 8"
Black shale	6"	347' 2"
Coal	6"	347' 8"
Black shale	4"	348' 0"
Coal	2"	348' 2"
Dark shale	4' 9"	352' 11"
Black shale	2' 0"	354' 11"
Sandstone	23' 3"	378' 2"
Sandstone	22' 4"	400' 6"
Dark shale	4' 6"	405' 0"
Sandstone	1' 6"	406' 6"
Sandstone	15' 7"	422' 1"
Sandstone	1' 0"	423' 1"
Coal	7"	423' 8"
Dark shale	3' 6"	427' 2"
Coal	1' 0"	420' 2"
Black shale	6"	428' 8"

	<u>Thickness</u>	<u>Depth</u>
Sandstone	41' 3"	469' 11"
Sandstone	13' 1"	483' 0"
Dark shale	4' 4"	487' 4"
Sandstone	1' 0"	488' 4"
Coal	7"	488' 11"
Dark shale	5' 2"	494' 1"
Sandstone.	14' 0"	508' 1"
Sandstone	1' 0"	509' 1"
Sandstone	17' 0"	526' 1"
Sandstone	2' 4"	528' 5"
Sandstone	18' 0"	546' 5"
Sandstone	2' 3' 10"	549' 3"
Sandstone	4' 0"	552' 3"
Sandstone		556' 3"
Sandstone	4' 5"	560' 8"
Sandstone	21' 0"	581' 8"
Sandstone	26' 7"	608' 3"
Sandstone	2' 6"	610' 9"
Coal and shale	6"	611' 3"
Coal	1' 6"	612' 9"
Black shale	4 "	613' 1"
Light shale	1' 0"	614' 1"
Light sandstone plies	17' 2"	631' 3"
Light shale,	1' 0"	632' 3"
Black shale	1' 7"	633' 10"
C o a l	9"	634' 7"
Black shale	3' 6"	638' 1"
Dark shale	5' 0"	643' 1"
Coal and shale	1' 0"	644' 1"
Coal	2"	644' 3"
Coal and shale	4"	644' 7"
Coal	3"	644' 10"
Coal and shale	2"	645' 0"
Coal	9"	645' 9"
Black shale	6"	646' 5"
Coal and shale	7"	645' 10"
Black shale	11"	647' 0"
L. Sandstone	3' 6"	651' 3"
L. Sandstone	2' 0"	653' 3"
Dark shale	3' 6"	656' 9"
Coal	1' 0"	657' 9"
Dark shale	1' 6"	659' 3"
Sandstone	2' 2"	661' 5"
Sandstone	6' 2"	667' 7"
Sandstone	11' 0"	678' 7"
Sandstone	9' 4"	687' 1"
Sandstone	6' 7"	694' 8"
Coal	6"	695' 2"
Black shale	9"	695' 11"
Dark shale	1' 0"	696' 11"
Sandstone	7' 9"	704' 8 "

	<u>Thickness</u>	Depth
Coal	3"	704' 11"
Black shale	1' 1"	706' 0"
Sands tone	2' 0"	708' 1 0"
Light shale	3' 6"	711' 6"
Dark shale	1' 0"	712' 6"
Light shale	2' 0"	714' 6"
Dark shale	1' 0"	715' 6"
Sandstone	32' 0"	747' 6"
Black shale	2' 0"	749' 6"
Dark plies	8' 0"	757' 6"
Sandstone	3' 0"	760' 6"
Sandstone	3' 6"	764' 0"
Sandstone	3' 6"	767' 6"
Sandstone	57' 11"	825' 5"
Black shale.	6"	825' 11"
Coal	6"	826' 5"
Dark shale	3' 6"	828' 11"
Sandy shale	1' 6"	831' 5"
Sandstone	2' 0"	833' 5"
Sandstone	4' 8"	838' 1"
Dark shale	1' 0"	839' 1"
Dark	1' 6"	840' 7"
Dark shale	5' 9"	846' 4"
Black shale	3"	846' 7"
Coal	5"	847' 0"
Black shale	3' 0"	850' 0"
Coal	1' 1"	851' 6"
Dark shale	2' 10"	854' 4"
Coal	3"	854' 7"
Dark shale	6"	855' 1"
Coal	1' 9"	856' 10"
Dark shale	3' 3"	860' 1"
Sandstone	10' 4"	870' 5"
Sandstone	13' 0"	883' 5"
S. Stone	6' 3"	889' 8"
Sandstone	6' 1"	895' 9"
S. Stone	14' 8"	910' 5"
Blark shale	2' 0"	912' 5"
Sandstone	6"	912' 11"
Dark shale	6"	913' 5"
Light shale	1' 0"	914' 5"
Sandstone	7' 7"	922' 0"
Black Shale	1' 0"	923' 0"
Coal:	6"	923' 6"
Light shale	6"	924' 0"
Dark shale	10"	924' 10"
Coal	3"	925' 1"
Sandstone	1' 4"	926' 5"
Dark shale	1' 5"	927' 10"
Sandstone	4' 5"	932' 3"
Dark shale	6"	932' 9"

	<u>Thickness</u>	<u>Depth</u>
Coal	1"	932' 10"
Sandstone.	12' 2"	945' 0"
Sandstone	12' 11"	957' 11"
Shale	3' 0"	960' 11"
Coal	4' 0"	964' 11"
Shale	6"	965' 5"
Coal	6"	965' 11"
Dark shale	1' 0"	966' 11"
Light shale	6"	967' 5"
Black shale	6"	967' 11"
Coal	3"	968' 2"
Dark shale	2' 8"	970' 10"
Black shale	6"	971' 4"
C o a l	6"	971' 10"
Black shale	1' 0"	972' 10"
Dark shale	1' 10"	974' 8"
Dark shale	1' 6"	976' 2"
Light Shale	5' 0"	981' 2"
Dark sandstone	6"	981' 8"
Light sandstone	2' 2"	983' 10"
Spotted-sandstone	6' 10"	990' 8"

CUMBERLAND AREA

Prospect Hole No. 101

Elevation: 286' **Depth:** 930'

Location: Section 3, Tsp. 9, **Comox, B.C.**

Date: 1910

	<u>Thickness</u>	<u>Depth</u>
Surface drift	26' 8"	26' 8"
Shale, sandy	26' 7"	53' 3"
Sandstone, hard	3' 1"	56' 4"
Shale, sandy	152' 6"	208' 10"
Sandstone, shaly	17' 0"	225' 10"
Shale, sandy	50' 2"	276' 0"
Shale	22' 1"	298' 1"
Coal	0' 2"	298' 3"
Coal, shale	1' 9"	300' 0"
Sandstone	83' 4"	383' 4"
Shale	5' 8"	389' 0"
Sandstone	45' 0"	434' 0"
Shale, sandstone	15' 0"	449' 0"
C o a l	3' 0"	452' 0"
Sandstone	99' 6"	551' 6"
Coal, shaly	6' 0"	552' 0"
Shale, black	4' 7"	556' 7"
Shale	2' 2"	558' 9"
C o a l	2' 9"	561' 6"
Coal, shaly	6' 0"	562' 0"
Shale	3' 0"	565' 0"
Sandstone	50' 6"	615' 6"
Coal	1' 0"	616' 6"
Sandy shale	15' 6"	632' 0"
Fire clay	7' 0"	639' 0"
Shale	5' 10"	644' 10"
Coal	1' 4"	646' 2"
Shale	4' 4"	646' 6"
Coal	1' 8"	648' 2"
Shale	4' 9"	652' 11"
Coal	2' 4"	655' 3"
Fire clay	2' 7"	657' 10"
Coal bony	a::	658' 6"
Sand's tone	1' 6"	660' 0"
Shale	47' 0"	707' 0"
Coa l	6"	737' 6"
Sands tone	29' 0"	736' 6"
Clay, shale	9' 9"	746' 3"
Coal, bony	2' 6"	748' 9"
Shaly sandstone	17' 0"	765' 9"

Prospect Hole No. 101 cont'd

	<u>Thickness</u>	Depth
Sandstone	58' 0"	823' 9"
Shale	7' 0"	830' 9"
Coal --	2' 0"	832' 9"
Clay shale	1' 6"	851' 3"
Coal, bony	1' 3"	852' 6"
Shale	1' 3"	853' 9"
Coal	1' 2"	854' 11"
Shale, black	10' 4"	865' 3"
Sandstone, shaly	23' 0"	888' 3"
Shale, black	5' 7"	893' 10"
Shale, brown	1' 2"	895' 0"
Coal, bony	8"	895' 8"
Coal	1' 3"	896' 11"
Fireclay	1' 0"	897' 11"
Coal, bony	10"	898' 9"
Coal	4' 9"	903' 6"
Conglomerate	5' 6"	909' 0"
Trap rock	21' 0"	930' 0"

CUMBERLAND AREA

Prospect-Hole No. 102

Elevation: + 323' **Depth: 1017' 10"**

Location: Sec. 3, Tsp. 9, Comox District

Date: 1910

	<u>Thickness</u>	<u>Depth</u>
Surface sand and gravel	39' 0"	39' 0"
Shale, sandy	226' 0"	265' 0"
Coal,	1' 10"	266' 10"
Sandstone	56' 8"	323' 6"
Shale, dark	3' 0"	326' 6"
Coal	0' 3"	326' 9"
Shale, dark	5' 3"	332' 0"
Sandstone	171' 0"	503' 0"
Coal	1' 3"	504' 3"
Sandy shale	36' 9"	541' 0"
Coal	1' 11"	542' 11"
Shale	0' 3"	543' 2"
Coal	0' 8"	543' 10"
Shale	0' 6"	544' 4"
Coal	0' 5"	544' 9"
Shale	0' 7"	545' 4"
Coal	3"	545' 7"
Shale, dark	7"	550' 2"
Shale, dark	1' 10"	552' 0"
Sandstone	63' 0"	615' 0"
Shale	33' 5"	648' 5"
Shale, dark	2' 0"	650' 5"
Coal	2' 0"	652' 5"
Shale, dark	2' 10"	655' 5"
Sandstone;	2' 3"	657' 6"
Shale, dark	1' 6"	659' 0"
Sandstone	59' 0"	718' 0"
Shale dark	8' 0"	726' 0"
Coal bony	1' 3"	727' 3"
Shale, dark	5' 3"	732' 6"
Shaly sandstone	20' 6"	753'
Coal (with sulphur and shale)	1' 4"	754' 4"
Shale, dark	3' 8"	758' 0"
Sandstone, shaly	15' 0"	773' 0"
Shale, dark	2' 6"	775' 6"
Sandstone, grey	26' 6"	802' 0"
Shale, streaks of coal	4' 6"	806' 6"
Coal	1' 7"	808' 1"
Shale	19' 8"	827' 9"
Coal	0' 6"	828' 3"

Prospect Hole No. 102 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone, spotted	8' 7"	836' 10"
Sandstone quartz grains	14' 2"	851' 0"
Shale	2' 6"	853' 6"
Sandstone	26' 3"	879' 9"
Shale	14' 7"	894' 4"
Sandstone, grey	4' 8"	899' 0"
Shale, dark	1' 0"	900' 0"
Sandstone, grey	4' 0"	904' 0"
Shale, dark	1' 0"	905' 0"
Sandstone, grey	2' 0"	907' 0"
Shale	19' 0"	926' 0"
S a n d s t o n e	3' 0"	929' 0"
S h a l e	11' 1"	940' 1"
Sandstone	2' 3"	942' 4"
Shale	50' 2"	992' 6"
Trap	24' 6"	1017' 0"

CUMBERLAND AREA

Prospect Hole No. 103

Elevation: 369' 0" Depth: 1366' 8"

Location: Lot 135, Comox District, B.C.

Date: 1910

	<u>Thickness</u>	<u>Depth</u>
Surface, gravel and sand	6 5' 6"	65' 6"
Sandstone	21' 6"	87' 0"
Shale; sandy'	95' 0"	182' 0"
Shale	116' 0"	298' 0"
Shale, sandy	252' 2"	550' 2"
-Coal	1' 4"	551' 6"
Sandstone	110' 4"	661' 10"
Coal, shaly	6"	662' 4"
Sandstone	63' 2"	725' 6"
Coal (some sulphur)	1' 6"	727' 0"
Shale	0' 9"	727' 9"
Coal	1' 0"	728' 9"
Shale	0' 6"	729' 3"
Coal	1' 0"	730' 3"
S h a l e	10"	731' 1"
S a n d s t o n e	54' 11"	786' 0"
Shale, black	19' 10"	805' 10"
Coal	1' 9"	807' 7"
Shale	14' 5"	822' 0"
Sandstone	8' 0"	830' 0"
C o a l	1' 0"	831' 0"
Shale, black	9' 0"	840' 0"
Sandstone	31' 6"	871' 6"
Coal, shaly	1' 0"	872' 6"
Shale, black	5' 6"	878' 0"
Sandstone	13' 0"	891' 0"
Shale, sandy	14' 0"	905' 0"
Shale, black	3' 6"	908' 6"
Sandstone, shaly	3' 0"	911' 6"
Coal	2' 10"	914' 4"
Coal, bony	2' 10"	917' 2"
Shale, black	7' 6"	924' 8"
Sandstone	67' 0"	991' 8"
Sandstone	23' 3"	1014' 11"
Sandstone, shaly	5' 6"	1020' 5"
Shale, black	6' 9"	1027' 2"
Shale	9"	1027' 11"
Coal	2' 8"	1030' 7"
Coal, shale	1' 1"	1031' 8"
Sandstone, shaly	53' 0"	1084' 8"
Sandstone	16' 6"	1101' 2"

Prospect Hole No. 103 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone, shaly	1' 6"	1102' 8"
Shale-	1' 10"	1104' 6"
coal.	3"	1104' 9"
Shale black	4' 9"	1109' 6"
Sandstone	1' 2"	1110' 8"
Coal	1' 0"	1111' 8"
Shale, black	3' 2"	1114' 10"
Coal, bony	7"	1115' 5"
Coal	8"	1116' 1"
Shale, black	1' 1"	1117' 2"
Sandstone	16' 6"	1133' 8"
Coal	4"	1134' 0"
Shale, black	1' 11"	1135' 11"
Coal	1' 0"	1136' 11"
Coal, bony	4"	1137' 3"
Shale, black	2' 0"	1139' 3"
Sandstone, shaly	22' 5"	1161' 8"
Shale, black	3' 9"	1165' 5"
Coal	1' 8"	1167' 1"
Shale	6' 1"	1173' 2"
Coal, bony	2"	1173' 4"
Coal	8"	1174' 0"
Shale	4"	1174' 4"
Coal	10"	1175' 2"
Shale	1' 0"	1176' 2"
Clay, shaly	1' 0"	1177' 2"
Coal	6"	1177' 8"
Coal, bony	1' 3"	1178' 11"
Sandstone, black	9"	1179' 8"
Sandstone,	21' 0"	1200' 8"
Sandstone	13' 0"	1213' 8"
Black sandstone, shale	33' 0"	1246' 8"
Shale, black	14' 0"	1260' 8"
Coal, bony	3"	1260' 11"
Shale, black	3' 4"	1264' 3"
Sandstone, spotted	11"	1265' 2"
Shale, black	54' 6"	1319' 8"
Sandstone, spotted	2' 0"	1321' 8"
Shale, black	2' 0"	1323' 8"
Shale, pebbles	3' 0"	1326' 8"
Shale, black	11' 0"	1337' 8"
Conglomerate trap rock	29' 0"	1366' 8"

CUMBERLAND AREA

Prospect Hole No. 104

Elevation: 260' **Depth:** 1176' 8"

Location: Section 2, Tsp. 9, Comox District, B.C.

Date: 1910

	<u>Thickness</u>	<u>Depth</u>	
Sand and clay	10' 0"	10' 0"	
Sand and gravel	8' 0"	18' 0"	
Hardpan	10' 0"	28' 0"	
Sandstone	24' 0"	52' 0"	
Sandy shale	335' 0"	387' 0"	
Sandstone, shaly	47' 0"	434' 0"	
Shale, sandy	12' 0"	446' 0"	
Sandstone	30' 0"	476' 1"	
Sandstone, light	8' 0"	484' 0"	
Shale, brown	0' 7"	484' 7"	
Coal, bony	1' 0"	485' 7"	
Shale, brown	1' 5"	487' 2"	0"
Sandstone	96' 0"	583' 2"	0"
Sandstone	4' 8"	587' 10"	8"
Shale, brown	1' 6"	589' 4"	2"
Conglomerate	1' 0"	590' 4"	
Coal, bony	0' 2"	590' 6"	
Sandstone	1' 8"	592' 4"	
Coal, bony	0' 1"	592' 5"	
Sandstone	56' 5"	648' 10"	
Coal	11"	649' 11"	
Shale, brown	2' 7"	652' 8"	0"
Coal, bony	6"	652' 14"	6"
Coal	2' 6"	655' 20"	0"
Sandstone	52' 0"	707' 20"	0"
Sandstone, shaly	13' 0"	720' 20"	
Sandstone	14' 0"	734' 20"	
Sandstone	4' 5"	738' 25"	
Coal	1' 6"	739' 31"	
Shale, brown	3' 7"	743' 38"	
Shale, sandy	6' 6"	750' 44"	
Shale, brown	18' 7"	768' 51"	
Coal	1"	768' 52"	
Shale	8"	769' 60"	
Coal	6"	769' 66"	
Shale	4' 0"	773' 70"	10"
Coal	4"	774' 74"	2"
Shale	6"	774' 80"	8"
Sandstone	16' 4"	791' 84"	0"
Sandstone	19' 0"	810' 84"	0"

	<u>Thickness</u>	<u>Depth</u>
Shale	15' 0"	825' 0"
Coal	1' 0"	826' 0"
Clay, shale	27' 0"	853' 0"
Coal	6"	853' 6"
Coal	1' 0"	854' 6"
Clay shale	2"	854' 8"
Coal	2' 4"	857' 0"
Shale	1' 3"	858' 3"
Coal	7"	858' 10"
Clay, shale-	7"	859' 5"
C o a l	4"	859' 9"
Clay, shale	6' 11"	866' 8"
Shale, coal	11"	867' 7"
Coal	10"	868' 5"
Clay, shale	2' 7"	871' 0"
Sandstone	7' 0"	878' 0"
Sandy shale	13' 0"	891' 0"
Clay, shale	2' 0"	893' 0"
Coal	4"	893' 4"
Clay, shale	4' 0"	897' 4"
Shaly sandstone	3' 2"	900' 6"
Sandstone	9' 6"	910' 0"
Shale, black	1' 0"	911' 0"
Sands tone	15' 0"	926' 0"
Sandstone	16' 0"	942' 0"
Shale	10' 6"	952' 6"
Coal	3"	952' 9"
Coal	1' 11"	954' 8"
Shale	1' 6"	957' 2"
Sandstone.	4' 0"	958' 2"
Clay, shaly	4' 0"	962' 2"
Sandstone-	7' 1"	1033' 3"
Shale	1' 4"	1034' 7"
Coal	1' 0"	1035' 7"
C o a l .	11"	1036' 6"
Clay	17' 7"	1054' 1"
Coal	1' 0"	1055' 1"
C o a l	2' 4"	1057' 5"
Sandstone	3"	1057' 8"
Shale	6"	1058' 2"
Clay	18' 0"	1076' 2"
Coal	1' 0"	1077' 2"
Sandstone	29' 6"	1106' 8"
Clay	6' 0"	1112' 8"
Clay, shale	31' 0"	1143' 8"
Sandstone	2' 0"	1149' 8"
Clay, shale	11' 0"	1156' 8"
Trap rock	20' 0"	1176' 8"

ANDERSON LAKE AREA

Bore Hole No. 105

Elevation: 444' 0"

Depth: 1179' 10"

Location: Lot 154, Township 9, Comox District

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Surface gravel	89' 0"	89' 0"
Sands tone	7' 0"	96' 0"
Sandy shale	381' 0"	477' 0"
Sandstone (grey)	6' 0"	483' 0"
Sandy shale	3' 0"	486' 0"
Sandstone (coarse)	2' 0"	488' 0"
Sandy shale	29' 0"	517' 0"
Sands tone (grey)	6' 0"	523' 0"
Sandy shale	17' 0"	540' 0"
Sandstone (grey)	50' 0"	590' 0"
Sandy shale	36' 0"	626' 0"
Sandstone (grey)	13' 5"	639' 5"
Coal	6"	639' 11"
Brown shale	2' 1"	642' 0"
Coal (bony)	2' 3"	644' 3"
Brown shale	2' 9"	647' 0"
Coal (bony)	0' 4"	647' 4"
Shale, brown	2' 8"	650' 0"
Sandstone, grey	68' 0"	718' 0"
Shale, brown	3' 0"	721' 0"
Coal (bony)	0' 8"	721' 8"
Brown shale	2' 4"	724' 0"
Coal	0' 6"	724' 6"
Sandstone, light grey	54' 6"	779' 0"
Shale, brown	2' 10"	781' 0"
Coal	1' 8"	783' 6"
Sandstone, grey	17' 10"	801' 4"
Sandstone	41' 5"	842' 9"
Shale, brown	0' 3"	843' 0"
Sandstone	25' 2"	868' 2"
Shale, brown	5' 1"	873' 3"
Coal	1' 5"	874' 8"
Shale, brown	13' 4"	888' 0"
Sandstone	10' 0"	898' 0"
Shale, brown	1' 6"	899' 6"
Coal	0' 11"	900' 5"
Shale, brown	6' 7"	907' 0"
Shale, sandy	2' 0"	909' 0"
Sandstone, shaly	6' 0"	915' 0"
Sands tone	8' 0"	923' 0"

	<u>Thickness</u>	<u>Depth</u>
Coal	<u>0' 9"</u>	923' 9" .I
Shale, brown	1' 0"	924' 9"
Sandstone	21' 3"	946' 0"
Shal., brown	4' 8"	950' 8"
Coal	<u>6"</u>	951' 2"
Shale, brown	<u>8"</u>	951' 10"
Coal	<u>1' 10"</u>	953' 8"
Shale, brown	2' 0"	955' 8"
Coal	<u>1' 3"</u>	956' 11"
Shale, brown	4' 1"	961' 0"
Sandstone	45' 0"	1006' 0"
Shale, brown	4"	1006' 4"
Coal	<u>8"</u>	1007' 0"
Shale, brown	1' 0"	1008' 0"
Coal	1' 1"	1009' 1"
'shale, brown	<u>10' 8"</u>	1019' 9"
'Coal	<u>6"</u>	1020' 3"
Shale, brown	1' 2"	1021' 5"
'Coal	<u>6"</u>	1021' 11"
Shale, brown	10' 1"	1032' 0"
Sandstone, grey	18' 0"	1050' 0"
Coal	1' 2"	1051' 2"
Shale	10' 8"	1061' 10"
Sandstone, grey	25' 0"	1086' 10"
Sandstone	4' 0"	1090' 10"
Sandy shale	2' 0"	1092' 10"
Coal (bony)	<u>2' 8"</u>	1095' 6"
Sandy shale	11' 4"	1106' 10"
Shale, brown	0' 10"	1107' 8"
Coal (bony with mixed shale)	<u>5' 8"</u>	1113' 4"
Shale, brown..	0' 8"	1114' 0"
Sandy shale	4' 10"	1118' 10"
Sandstone	13' 0"	1131' 10"
Shale	3' 0"	1134' 10"
Conglomerate	13' 0"	1147' 10"
Trap rock	32' 0"	1179' 10"

ANDERSON LAKE AREA

Prospect No. 107

Elevation: 267'

Depth: 552'

Location: Sec. 21, Tsp. 9, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Surface drift	17' 0"	17' 0"
Shale , sandy	28' 0"	45' 0"
Sandstone	52' 0"	97' 0"
Shale; sandy	69' 0"	166' 0"
Sandstone	80' 0"	246' 0"
Shale, sandy	40' 0"	286' 0"
Sandstone	38' 0"	324' 0"
Shale	15' 0"	339' 0"
Sandstone	44' 0"	383' 0"
Coal	4"	383' 4"
Sandstone	60' 8"	444' 0"
Shale	1' 0"	445' 0"
Coal	1' 6"	446' 6"
Shale	3' 0"	449' 6"
Sandstone	15' 6"	465' 0"
Shale	21' 0"	486' 0"
Sandstone	20' 0"	506' 0"
Shale	9' 0"	515' 0"
Coal	3' 6"	518' 6"
Clay, shale	11' 6"	530' 0"
Trap rock	22' 0"	552' 0"

CUMBERLAND AREA

Prospect Hole No. 108

Elevation: 217'

Depth: **1085**

10"

Location: Lot 227, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>	
S&d and gravel	5' 0"	5' 0"	
Boulders	4' 0"	9' 0"	
Sandy shale	221' 0"	230' 0"	0"
-Sandstone	58' 0"	288' 0"	
Sandy shale	183' 0"	471' 0"	
Sandy shale.	92' 0"	563' 0"	
Sandy shale	80' 0"	643' 0"	0"
Sandstone	47' 0"	690' 0"	
Shale, sandstone	45' 0"	735' 0"	
Shale	4' 0"	739' 0"	0"
C o a l	9"	739' 9"	
Shale	1' 3"	741' 0"	
Sandstone	85' 0"	826' 0"	
Sandy shale	2' 6"	828' 6"	
Coal	6"	829' 0"	
Shale	6' 0"	835' 0"	0"
Sandstone	52' 0"	887' 0"	0"
Shale	1' 6"	888' 6"	
C o a l	3"	888' 9"	
Shale	5"	889' 2"	
Coal	8"	889' 10"	
Coal	3"	890' 1"	
Coal	11"	891' 0"	
Shale	2' 0"	893' 0"	
C o a l	3"	893' 3"	
Sandstone	11' 3"	904' 6"	
C o a l	6"	905' 0"	
Sandstone	83' 3"	988' 3"	
Sandstone, coal layers	6"	988' 9"	
Shale	5' 3"	994' 0"	
Shale, sandy	6' 0"	1000' 0"	
Shale	2' 7"	1002' 7"	
Coal	7"	1003' 2"	
Coal	10"	1004' 0"	
Shale	3"	1004' 3"	
Coal	5"	1004' 8"	
Shale	1' 1"	1005' 9"	
Coal	1' 2"	1006' 11"	
Coal	9"	1007' 8"	
Shale	14' 4"	1022' 0"	

Prospect Hole No. 108 cont'd

	<u>Thickness</u>	Depth
Sands tone .	10' 0"	1032' 0"
Shale	3' 7"	1035' 7"
Sandstone	1' 11"	1037' 6"
Shale, coal seams	1' 6"	1039' 0"
Shale	2' 0"	1041' 0"
Sandstone	37' 1"	1078' 1"
Shale	1' 0"	1079' 1"
Coal	2' 2"	1081' 3"
Coal'	3"	1081' 6"
Shale.	2' 0"	1083' 6"
Coal	7"	1084' 1"
Shale	3"	1084' 4"
Coal	1' 0"	1085' 4"
Shale	6"	1085' 10"

PERSON LAKE AREA

Prospect **Hole** No. 109

Elevation: Depth: 289' 0"

Location: Sec. 20, Tsp. 9, **Comox** District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Surface gravel	36' 0"	36' 0"
Sandstone	43' 0"	79' 0"
Sandstone	9' 0"	88' 0"
Sandstone	15' 0"	103' 0"
Black shale	4' 0"	107' 0"
Sandstone	51' 0"	158' 0"
Coal	3' 0"	161' 0"
Sandstone	30' 0"	191' 0"
Sandstone	7' 0"	198' 0"
Shale	18' 0"	216' 0"
Sandstone	34' 6"	250' 6"
S h a l e	7' 6"	258' 0"
Shale.	2' 0"	260' 0"
Sandstone	13' 0"	273' 0"
Shale	7' 0"	280' 0"
Trap rock	9' 0"	289' 0"

CUMBERLAND AREA

Prospect Hole No. 110

Elevation: .

Depth: 762' 7"

Location: Sec. 16, Tsp. 9, Comox District, V.I.

Date: 1911

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	Thickness	Depth
Gravel	10' 0"	10' 0"
Shale, sandy	161' 0"	171' 0"
Sandstone	11' 6"	182' 6"
Coal and shale	3' 6"	186' 0"
Shal	1"	186' 1"
Coal	8"	186' 9"
Shale, sandy	3"	187' 0"
Sandstone	89' 1"	276' 1"
Shale	6"	276' 7"
Coal	10"	277' 5"
" Sh a l e	5' 2"	282' 7"
Coal	10"	283' 5"
Sandstone	56' 1"	339' 6"
Shale	6"	340' 0"
Coal	7"	340' 7"
Shale	7' 4"	347' 11"
Coal	8"	348' 7"
Shale	11"	349' 6"
Coal	1' 7"	351' 1"
Shale	1' 10"	352' 11"
Coal	2"	358' 1"
Sandstone	47' 4"	400' 5"
I Shale, sandy	4' 0"	404' 5"
Shale I-	14' 0"	418' 5"
Shale, sandy	1' 6"	419' 11"
Coal	1' 6"	421' 6"
Shale	3' 6"	424' 11"
Soapstone	6"	425' 5"
Shale	6' 0"	431' 5"
C o a l	6"	431' 11"
Coal, shale	9"	432' 8"
Shale, sandy	20' 0"	452' 8"
Sandstone	8' 6"	461' 2"
Shale, sandy	1' 6"	462' 8"
Sandstone	-28' 0"	490' 8"
Coal	9"	491' 5"
Shale	4' 0"	495' 6"
Sandstone	19' 3"	514' 8"
Shale	2' 7"	517' 3"
Coal	5"	517' 8"

	Thickness	Depth
Shale	1' 0"	518' 8"
Shale	1' 4"	520' 0"
Shale	3"	520' 3"
Coal	3"	520' 6"
Shale	1"	520' 7"
Coal	5"	521' 0"
Coal, shale	8"	521' 8"
Coal	1' 11"	523' 7"
Shale	9"	524' 4"
Shale,	9' 7"	533' 11"
Shale, sandy	4' 0"	537' 11"
Sandstone	44' 0"	581' 11"
Shale	8"	582' 7"
Sandstone	.5' 6"	588' 1"
Coal	2' 0"	589' 1"
Shale:	3' 0"	591' 1"
Sandstone	4' 0"	594' 1"
Shale, sandy	4' 2"	598' 3"
Sandstone	15' 8"	613' 11"
Coal	6"	614' 5"
Shale	2' 0"	616' 5"
Sandstone	4' 0"	620' 5"
Sandstone, coal markings	6' 0"	626' 5"
Shale	5' 6"	631' 11"
Shale, sandy	15' 0"	646' 11"
Shale	4' 0"	650' 11"
Coal	1' 0"	651' 11"
Shale	4' 0"	655' 11"
Shale, sandy	3' 0"	658' 11"
Sandstone	3' 0"	661' 11"
Sandstone, coal markings	15' 0"	676' 11"
Sandstone	45' 0"	721' 11"
Coal.	1' 8"	723' 7"
Shale	1' 0"	724' 7"
Coal	11"	725' 6"
Shale	1' 3"	726' 9"
C o a l	5' 8"	732' 6"
Shale	6"	732' 11"
Fire clay	7' 8"	740' 7"
Shale	6' 0"	746' 7"
Decomposed trap	6' 0"	752' 7"
Trap rock	10' 0"	762' 7"

	<u>Thickness</u>	<u>Depth</u>
Coal; shale	1' 8"	820' 2"
Shale	9' 2"	829' 4"
Sandstone	15' 0"	844' 4"
Sandstone	54' 6"	898' 10"
Coal	2' 0"	900' 10"
Sandstone	6"	901' 4"
Shale	1' 6"	902' 10"
coal	10"	903' 8"
Fire clay	3' 5"	907' 1"
Coal	5"	907' 6"
Coal	10"	908' 4"
Shale	3' 0"	911' 4"
Shale, sandy	2' 0"	913' 4"
Sandstone	8' 6"	921' 10"
Black shale	3' 4"	925' 2"
Coal	4"	925' 6"
Shale	4' 0"	929' 6"
Coal	6"	930' 0"
Shale	3' 4"	933' 4"
Sandstone	21' 0"	954' 4"
Sandstone	10' 0"	964' 4"
Coal	8"	965' 0"
Sandstone	10' 10"	975' 10"
Fireclay	1' 0"	976' 10"
Shale	3' 0"	979' 10"
Coal	6"	980' 4"
Sandstone	2' 6"	982' 10"
Coal	10"	983' 8"
Sandstone, shale	29' 0"	1012' 8"
Black shale	7' 5"	1020' 1"
Coal	2' 5"	1022' 6"
Shale	2' 8"	1025' 2"
Shale, coal streaks	5' 0"	1030' 2"
Shale, coal streaks	7' 6"	1037' 8"
Sandstone	5' 0"	1042' 8"
Shale	16' 0"	1058' 8"
Shale, sandy	6'	1064' 8"
Agglomerate trap	5' 0"	1069' 8"
Trap rock	8' 0"	1077' 8"

CUMBERLAND AREA

Prospect Hole **No. 113**

Elevation: **200±**

Depth: 1160' 0"

Location: Sec. 15, Tsp. 9, **Comox** District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Gravel and boulders	17' 0"	17' 0"
Shale; sandy	403' 0"	420' 0"
Sandstone	84' 0"	504' 0"
Shale; sandy	12' 0"	516' 0"
Sandstone	32' 0"	548' 0"
Coal	1' 0"	549' 0"
Sandstone	86' 0"	635' 0"
Coal	1' 0"	6' 0"
Shale, sandy	6' 0"	642' 0"
Sandstone	3' 0"	645' 0"
S h a l e	2' 6"	647' 6"
Coal	1' 1"	648' 7"
Sandstone	66' 5"	715' 0"
Coal	0' 2"	715' 2"
Shale	8"	715' 10"
Coal	1' 0"	716' 10"
Shale	2"	717' 0"
Coal	1' 0"	718' 0"
Shale	3"	718' 3"
C o a l	1' 6"	719' 9"
Sandstone	40' 3"	760' 0"
Shale, sandy	7' 0"	767' 0"
Sandstone	12' 9"	779' 9"
Coal	1' 6"	781' 3"
Shale	6' 0"	787' 3"
Sandstone	31' 9"	819' 0"
Shale, sandy	7' 0"	826' 0"
Sandstone	7' 0"	833' 0"
Shale., sandy	4' 0"	837' 0"
Sandstone	34' 0"	871' 0"
Coal	1' 3"	872' 3"
Sandstone	29' 9"	902' 0"
Shale	5' 0"	907' 0"
Coal	1' 0"	908' 0"
Shale	3"	908' 3"
Coal	6"	908' 9"
Shale	1' 7"	910' 4"
Coal	3' 1"	913' 5"
Shale, coal	9"	914' 2"
Shale	6' 8"	920' 10"
Sandstone	68' 2"	989' 0"

CUMBERLAND AREA

Prospect Hole No. 113

Elevation: **200+**

Depth: **1160' 0"**

Location: Sec. 15, Tsp. 9, **Comox** District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Gravel and boulders	17' 0"	17' 0"
Shale, sandy	403' 0"	420' 0"
Sandstone	84' 0"	504' 0"
Shale, sandy	12' 0"	516' 0"
Sandstone	32' 0"	548' 0"
Coal	1' 0"	549' 0"
Sandstone	86' 0"	635' 0"
Coal	1' 0"	636' 0"
Shale, sandy	6' 0"	642' 0"
Sandstone	3' 0"	645' 0"
Shale	2' 6"	647' 6"
Coal	1' 1"	648' 7"
Sandstone	66' 5"	715' 2"
Coal	0' 2"	715' 2"
Shale	8"	715' 10"
Coal	1' 0"	716' 10"
Shale	2"	717' 0"
Coal	1' 0"	718' 0"
Shale	1' 6" 3"	718' 3"
Coal	1' 6" 3"	719' 9"
Sandstone	40' 3"	760' 0"
Shale, sandy	7' 0"	767' 0"
Sandstone	12' 9"	739' 9"
Coal	1' 6"	781' 3"
Shale	6' 0"	787' 3"
Sandstone	31' 9"	829' 0"
Shale, sandy	7' 0"	826' 0"
Sandstone	7' 0"	833' 0"
Shale, sandy	4' 0"	837' 3"
Sandstone	34' 0"	871' 0"
Coal	1' 3"	872' 3"
Sandstone	29' 9"	902' 0"
Shale	5' 0"	907' 0"
Coal	1' 0"	908' 0"
Shale	3"	908' 3"
Coal	6"	908' 9"
Shale	1' 7"	910' 4"
Coal	3' 1"	913' 5"
Shale, coal	9"	914' 2"
Shale	6' 8"	920' 10"
Sandstone	68' 2"	989' 0"

Prospect **Hole** No. 113 **cont'd**

	<u>Thickness</u>	<u>Depth</u>
Shale	6' 0"	995' 0"
Coal	1' 6"	996' 6"
Shale	22' 6"	1019' 0"
Sandstone	11' 0"	1030' 0"
Shale	7' 8"	1037' 8"
Coal	0' 5"	1042' 1"
Shale	3"	1038' 4"
Coal	1' 8"	1040' 0"
Shale	10' 0"	1050' 0"
Sandstone	6' 0"	1056' 0"
Shale	11' 0"	1067' 0"
Shale, coal streaks	5' 0"	1072' 0"
Shale	8"	1072' 8"
Coal	1' 7"	1074' 3"
Shale	9' 9"	1084' 0"
Sandstone	25' 2"	1109' 2"
Shale	6"	1109' 8"
Sandstone	4"	1110' 0"
Shale, sandy	4' 0"	1114' 0"
Sandstone	3' 6"	1117' 6"
Coal	1' 6"	1119' 0"
Shale, coal marks	3' 0"	1122' 0"
Coal	1' 0"	1123' 0"
Shale	7' 0"	1130' 0"
Shale, coal streaks	6' 0"	1136' 0"
Trap	17' 0"	1153' 0"
Trap hard	7' 0"	1160' 0"

Prospect **Hole** No. 114 **cont'd**

	<u>Thickness</u>	<u>Depth</u>
Sandstone	54' 0"	418' 0"
-Shale	6' 0"	424' 0"
Clay, shale	2' 6"	426' 6"
Coal	7"	4 2 7
Clay, shale	5' 0"	432' 1"
Coal	7"	432' 8"
Clay, shale	9' 4"	4 4 2 ' 0"
Sandstone	19' 0"	461' 0"
Clay, shale	9' 0"	470' 0"
Sandstone	36' 0"	506' 0"
S h a l e	12' 0"	518' 0"
Clay, shale	13" 6"	531' 6"
Shale	6"	5 3 2 ' 0"
Coal	6 "	532' 6"
Shale.	6"	533' 0"
C o a l	6"	533' 6";
Shale	9"	543' 3"
Coal	9"	535' 0"
Shale	0' 6"	535' 6"
Coal	10"	536' 4"
Clay, shale	'3' 2"	539' 6"
Coal	0' 9"	540' 3"
S h a l e	9"	541' 0"
Coal	7"	5 4 1 ' 7"
Shale	2' 5"	544' 0"
Clay, shale.	4' 0"	548' 0"
Shale	3' 0"	5 5 1 ' 0"
Trap rock	10' 0"	561' 0"

CUMBERLAND AREA

Prospect Hole No. 115

Elevation:

Depth: 1198' 0"

Location: Sec. 10, Tsp. 9, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Sand and gravel	11' 0"	11' 0"
Shale, sandy	449' 0"	460' 0"
Sandstone	271' 6"	731' 6"
Shale	1' 0"	732' 6"
Coal	6"	733' 0"
Shale	10"	733' 10"
Coal	6"	734' 4"
Shale	4"	734' 8"
Coal	2"	734' 10"
Shale	6' 2"	741' 0"
Sandstone.	66' 0"	807' 0"
Shale	13' 0"	820' 0"
Shale, sandy	35' 0"	855' 0"
Sandstone	25' 10"	880' 10"
Shale	3"	881' 1"
Coal	1' 0"	882' 1"
Shale, sandy	25' 3"	907' 4"
Coal	6"	907' 10"
Shale	6"	908' 4"
Coal, shale	9"	909' 1"
Shale	2' 8"	911' 9"
Coal, shale	1' 7"	913' 4"
Shale	13' 8"	927' 0"
Sandstone	34' 10"	961' 10"
Coal	7"	962' 5"
Shale	17' 7"	980' 0"
Sandstone	90' 6"	1070' 6"
S h a l e	2' 8"	1073' 2"
Coal	1' 4"	1074' 6"
Shale	4' 1"	1078' 7"
Coal	10"	1079' 5"
Shale	20' 7"	1100' 0"
Sandstone	16' 6"	1116' 6"
Shale	7' 6"	1124' 0"
Sandstone	33' 6"	1157' 6"
Shale	9' 6"	1167' 0"
Coal	5"	1167' 5"
Shale	2' 7"	1170' 2"
Fireclay	5' 0"	1175' 0"
Trap rock	23' 0"	1198' 0"

CUMBERLAND AREA

Prospect Hole No. 116

Elevation: 375'

Depth: 680' 8"

Location: Sec. 9, Tsp. 9, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Gravel	22' 0"	22' 0"
Sandstone	67' 4"	89' 4"
Coal	2' 0"	91' 4"
Shale	5' 0"	96' 4"
Sandstone	53' 8"	150' 0"
Shale	3' 0"	153' 0"
Sandstone	87' 0"	240' 0"
Shale	9' 0"	249' 0"
Sandstone	36' 0"	285' 0"
Coal	8"	285' 8"
Shale	9"	286' 5"
Coal	10"	287' 3"
Shale	42' 4"	329' 7"
Coal	2' 1"	331' 8"
Shale	3"	331' 11"
Coal	3' 3"	335' 2"
Shale	8"	335' 10"
Coal	9"	336' 7"
Shale	2' 2"	338' 9"
Coal	1' 0"	339' 9"
Shale	6' 0"	345' 9"
Sandstone	33' 6"	379' 3"
Coal	6"	379' 9"
Shale	6"	380' 3"
Coal	1' 1"	381' 4"
Shale	1' 5"	382' 9"
Sandstone	12' 0"	394' 9"
Shale	2' 6"	397' 3"
Coal, shale	3"	397' 6"
Shale	11' 11"	409' 5"
Coal, shale	5' 5"	409' 10"
Shale	9"	415' 7"
Coal	2' 2"	417' 9"
Shale	5' 3"	423' 0"
Sandstone	4' 0"	427' 0"
Shale	2' 0"	429' 0"
Sandstone	7' 0"	436' 0"
Shale, sandy	2' 0"	438' 0"
Sandstone	65' 4"	503' 4"
Coal	1' 0"	504' 4"

Prospect Hole No. 116 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale, coal markings	3' 8"	508' 0"
Coal	2' 0"	510' 0"
Shale	4' 2"	514' 2"
coal	1' 5"	515' 7"
Shale	9' 9"	525' 4"
Coal	2"	525' 6"
Shale	3' 8"	529' 2"
Coal	6"	529' 8"
Shale	4' 4"	534' 0"
Sandstone	14' 6"	540' 6"
Shale	3' 6"	552' 0"
Coal, shale	1' 2"	553' 2"
Shale-	8' 10"	562' 0"
Sandstone	25' 6"	587' 6"
Coal	1' 2"	588' 8"
Shale	1"	588' 9"
Coal	8"	509' 5"
Shale	4' 6"	593' 11"
Coal	10"	594' 9"
Shale	9' 9"	604' 6"
Sandstone	35' 3"	637' 9"
Shale	3' 8"	641' 5"
Coal	4' 8"	646' 1"
Shale	8"	646' 9"
Coal	2' 6"	649' 3"
Shale, coal streaks	7"	649' 10"
Sandstone	1"	649' 11"
Coal	2' 0"	651' 11"
Shale, sandy	2"	652' 1"
Coal, shale	9"	652' 10"
Fireclay	3' 0"	655' 10"
Trap	24' 10"	680' 8"

Prospect Hole No. 117

Elevation: 400' Depth: 901' 0"

Location: Sec. 30, Tsp. 9, Comox District, V.I.

Date: 1911

	Thickness	Depth
Boulders	25' 0"	25' 0"
Gravel, clay	51' 0"	76' 0"
Shale, sandy	10' 0"	86' 0"
Sandstone	98' 0"	184' 0"
Shale	1' 0"	185' 0"
Coal	3"	185' 3"
Shale	9 "	186' 0"
Coal	10"	186' 10"
Shale	7' 2"	194' 0"
Sandstone	53' 0"	247' 0"
Shale	3' 0"	250' 0"
Sandstone	60' 4"	310' 4"
Coal	10"	311' 2"
Shale	2"	311' 4"
Coal	1' 4"	312' 8"
Shale	2"	312' 10"
Coal	2"	313' 0"
Sandstone	22' 0"	335' 0"
Shale	16' 0"	351' 0"
Coal	5"	351' 5"
Clay, shale	6"	351' 11"
Coal	1"	353' 0"
Shale	11"	353' 11"
Coal	2"	354' 1"
Clay	5"	354' 6"
Coal	4"	354' 10"
Shale	4"	355' 2"
Sandstone	45' 10"	401' 0"
Shale	24' 0"	425' 0"
Sandstone	14' 0"	439' 0"
Shale, clay	7' 0"	446' 0"
Sandstone	27' 0"	473' 0"
Shale	11' 0"	484' 0"
Sandstone	15' 0"	529' 0"
Coal	3' 6"	530' 6"
Shale	0"	533' 6"
Coal	3"	533' 9"
Black sand	2' 9"	536' 6"
Clay, shale	3' 6"	540' 0"
Coal	1' 0"	541' 0"

	<u>Thickness</u>	<u>Depth</u>
Clay, shale	40' 0"	581' 0"
Sandstone	21' 9"	602' 9"
Brown shale	1' 4"	604' 1"
Coal	1"	604' 2"
Shale	1' 0"	605' 2"
Coal	8"	605' 10"
Shale	1' 0"	606' 10"
Clay, shale	8' 2"	615' 0"
Sandstone	5' 0"	620' 0"
Clay, shale	26' 6"	646' 6"
Shale	10' 3"	656' 9"
Coal	2' 3"	659' 0"
Clay, shale	5' 0"	664' 0"
Sandstone	43' 4"	707' 4"
Shale, coal	2' 4"	709' 8"
Shale;	2' 6"	712' 2"
Coal;	5"	712' 7"
Shale'	5"	713' 0"
Coal'	8"	713' 8"
Shale	2"	713' 10"
Sandstone	19' 10"	733' 8"
Shale	10"	734' 6"
Coal	7"	735' 1"
Shale	19' 5"	754' 6"
Coal	10"	755' 4"
Shale	2' 0"	757' 4"
Clay, shale	5' 8"	763' 0"
Sandstone	6' 0"	769' 0"
Clay, shale	12' 8"	781' 8"
Coal	9"	782' 5"
Shale	3"	782' 8"
Coal	4"	783' 0"
Shale	19' 0"	802' 0"
Shale, sandy	7' 0"	809' 0"
Sandstone	40' 0"	849' 0"
Shale	8' 0"	857' 0"
Bony coal	1' 6"	858' 6"
Shale	25' 0"	883' 6"
Clay	2' 6"	886' 0"
Trap	15' 0"	901' 0"

Prospect Hole No. **118** cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone	52' 0"	5 4 3 ' 2"
Coal	1' 9"	544' 11" --
Shale	1' 0"	545' 11"
Sandstone	4' 0"	5 4 9 ' 1 1 "
Shale	1' 7"	551' 6"
Coal	1' 2"	553' 2"
Shale	6"	553' 8"
Sandstone	3' 8"	557' 4"
Shale	2' 4"	559' 8"
Trap	23' 6"	583' 2"

CUMBERLAND AREA

Prospect Hole No. **119**

Elevation: **262+** -Depth: **1040' 10"**

Location: Lot 228, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Surface	27' 0"	27' 0"
Sandy shale	426' 0"	453' 0"
Sandstone	148' 0"	601' 0"
Shale	4' 10"	605' 10"
Coal	6"	606' 4"
Shale	44' 3' 8"	610' 0"
Sandstone	44' 0"	654' 0"
Sandy shale	13' 8"	667' 8"
Coal	11"	668' 7"
Sandy shale	10' 5"	679' 0"
Sandstone	21' 0"	700' 0"
Shale	7' 11"	707' 11"
Coal	5"	708' 4"
Shale	3' 2"	711' 6"
Sandstone	53' 6"	765' 0"
Shale	4"	765' 4"
Coal	1' 7"	766' 11"
Shale	19' 0"	786' 11"
Coal	1' 1"	787' 0"
Shale	2' 4"	789' 4"
Coal	1' 3"	790' 7"
Coal, shale	7"	791' 2"
Shale	11' 0"	802' 2"
Coal	4"	802' 6"
Shale	4' 5"	806' 11"
Sandstone	36' 6"	843' 5"
Shale	12' 6"	855' 11"
Sandstone	28'	883' 11"
Sandy shale	8' 0"	891' 11"
Shale	2' 10"	894' 9"
Coal, shale	3"	895' 0"
Coal	10"	895' 10"
Shale	1' 0"	896' 10"
Sandstone	1' 6"	898' 4"
Shale	5' 1"	903' 5"
Sandstone	60' 2"	963' 7"
Shale	1' 7"	965' 2"
Coal	7"	965' 9"
Sandstone	2' 3"	968' 0"
Coal	10"	968' 10"
Shale	5' 5"	974' 3"

Prospect Hole No. 119 cont'd

	<u>Thickness</u>	<u>Depth</u>
c o a l -	1' 0"	975' 3"
Shale	8"	975' 11"
Coal	8"	976' 7"
Shale	10"	977' 5"
Coal	1' 2"	978' 7"
Shale	17' 4"	995' 11"
Shale, sandstone	7' 0"	1002' 11"
Shale	4"	1006' 11"
Coal	1' 0"	1007' 11"
Shale	4' 4"	1012' 3"
Coal	4' 2"	1016' 5"
Shale	7"	1017' 0"
Shale, coal.	7"	1017' 7"
Trap rock	23' 3"	1040' 10"

ANDERSON LAKE AREA

Prospect Hole No. 120

Elevation: 300' ±

Depth: 1301' 6"

Location: Sec. 29, Tsp. 9, Comox District, V.I.

Date: 1911

	Thickness	Depth
Surface drift	15' 0"	15' 0"
Sandy shale	243' 0"	258' 0"
Sandstone	262' 0"	520' 0"
Shale.	12' 10"	532' 10"
Shale, coal	1' 10"	534' 8"
Shale	7' 0"	541' 8"
Sandstone	33' 4"	575' 0"
Shale	6' 0"	581' 0"
Sandstone	33' 0"	614' 0"
Shale	2' 0"	616' 0"
Sandstone	7' 0"	623' 0"
Shale	5' 0"	628' 0"
Sandstone	69' 0"	697' 0"
Shale	2' 0"	699' 0"
Shale, coal	1' 0"	700' 0"
Sandstone	59' 0"	759' 0"
Shale	3' 0"	762' 0"
Sandstone	20' 0"	782' 0"
Shale..	79' 6"	861' 6"
Coal	3' 6"	865' 0"
Shale	6' 0"	871' 0"
Coal	1' 0"	872' 0"
Shale, coal	1' 0"	873' 0"
Shale	8' 0"	881' 0"
Sandy shale	26' 0"	907' 0"
Shale	9' 0"	916' 0"
Sandstone	23' 6"	939' 6"
Shale	1' 0"	940' 6"
Coal	1' 6"	942' 0"
Shale	7' 0"	949' 0"
Sandy shale	10' 0"	959' 0"
Sandstone	27' 0"	984' 0"
Shale	2' 6"	986' 6"
Shale coal	10' 0"	996' 6"
Shale	10' 6"	1007' 0"
Sandstone	45' 0"	1052' 0"
Shale	1' 0"	1053' 0"
Coal	1' 0"	1054' 0"
Shale	2' 0"	1056' 0"
Sandstone	6' 6"	1062' 6"
Coal	6"	1063' 0"

Prospect Hole No. 120 cont'd

	Thickness	Depth	
Shale	2' 0"	1065'	0"
Sandstone	10' 0"	1075'	0"
Sandstone	2' 0"	1077'	0"
Shale	2' 6"	1079'	6"
Coal	6' 0"	1085'	6"
Shale	36' 0"	1121'	6"
Sandstone	6"	1122'	0"
Shale	1' 6"	1123'	6"
Sandstone	9' 0"	1132'	6"
Shale	1' 8"	1134'	2"
Coal	10"	1135'	0"
Shale	2' 6"	1137'	6"
Sandstone	8' 0"	1145'	6"
Shale	1' 0"	1146'	6"
Coal	1' 0"	1147'	6"
Shale	6' 4"	1153'	10"
Coal	6"	1154'	4"
Shale	3' 0"	1157'	4"
Coal	10"	1158'	2"
Sandy shale	2' 0"	1160'	2"
Sandstone	55' 4"	1215'	6"
Shale	15' 0"	9.230'	6"
Shale, coal streaks	10' 0"	1240'	6"
Shale	6' 0"	1301'	6"

ANDERSON LAKE AREA

Prospect Hole No. 121

Elevation:

Depth: 638' 10"

Location: Sec. 17, Tsp. 9, Comox District, V.I.

Date: 1911'

	Thickness	Depth
Surface drift	46' 0"	46' 0"
Shale	4' 0"	50' 0"
Sandstone	17' 0"	67' 0"
Coal	6"	67' 6"
Shale	8"	68' 2"
Coal	5"	68' 7"
Shale	1' 4"	68' 11"
Coal	1' 5"	70' 4"
Shale	1' 2"	71' 6"
Sandstone	58' 4"	129' 10"
Shale	11' 0"	140' 10"
Sandstone	27' 0"	217' 10"
Sandy shale	3' 0"	220' 10"
Shale	13' 0"	233' 10"
Coal	8"	234' 6"
Sandstone	57' 10"	292' 4"
Sandy-shale	7' 1"	299' 5"
Coal	7"	300' 0"
Shale	10"	300' 10"
Sandstone	56' 0"	356' 10"
Shale	5' 0"	361' 10"
Sandstone	31' 0"	392' 10"
Coal	0' 6"	393' 4"
Shale	20' 10"	414' 2"
Coal	3"	414' 5"
Shale	6"	414' 11"
Coal	1' 8"	416' 7"
Clay, shale	9' 0"	425' 7"
Shale	7' 3"	432' 10"
Sandy shale	15' 0"	447' 10"
Shale	5' 0"	452' 10"
Sandstone	22' 0"	474' 10"
Shale	10' 0"	484' 10"
Sandstone	26' 0"	510' 10"
Shale	2' 0"	522' 10"
Coal	3"	513' 1"
Shale	2"	513' 3"
Coal	3"	513' 6"
Shale	7"	514' 1"
Coal	2"	514' 3"

Prospect Hole No. 121 cont'd

	<u>Thickness</u>	<u>Depth.</u>
Shale	5' 7"	519' 10"
Sandstone	71' 0"	590' 10"
Shale	25' 0"	613' 10"
Shale, sandstone	15' 0"	628' 10"
Trap rock	10' 0"	630' 10"

CUMBERLAND AREA

Prospect Hole N o . 1 2 2

Elevation:

Depth: 920' 0"

Location: Sec. 3, Tsp. 9, Comox District, V.I.

Date: 1911

	<u>Thickness</u>	<u>Depth</u>
Surface drift	42' 0"	42' 0"
Sandy shale	165' 0"	207' 0"
Sandstone	145' 0"	352' 0"
Shale	5' 3"	357' 3"
Coal	4"	357' 7"
Shale	1' 3"	358' 10"
Coal	2"	359' 0"
Shale	1' 0"	360' 0"
Coal	10"	360' 10"
Sandstone,	87' 2"	448' 0"
Shale	27' 3"	475' 3"
Coal	6"	475' 9"
Shale	4' 3"	480' 0"
Sands tone	46' 0"	526' 0"
Coal --	1' 3"	527' 3"
Sandy shale	14' 9"	542' 0"
Sandstone	8' 0"	550' 0"
Shale	7' 2"	557' 2"
Coal	3' 6"	560' 8"
Shale	1' 0"	561' 8"
Coal	2"	561' 10"
Shale	7"	562' 5"
coal	4"	562' 9"
- Shale	12' 9"	575' 6"
S-andstone	92' 6"	668' 0"
Shale	3' 8"	671' 8"
Coal	3"	671' 11"
Shale	3"	672' 2"
Coal	1' 7"	673' 9"
Shale	3" 3"	677' 0"
Sandy shale	23' 0"	700' 0"
Sandstone	56' 0"	756' 0"
Shale	3' 10"	759' 10"
Coal	1' 6"	760' 4"
Sandstone	1' 0"	761' 4"
Coal	1' 6"	762' 10"
Shale	1' 3"	764' 1"
Coal	5"	765' 6"
Shale	4' 3"	769' 9"
Shale	5"	770' 2"

Prospect Hole No. 122 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale .	1' 5"	771' 7"
Coal	1' 9"	773' 4"
Shale	27' 8"	801' 0"
Sandstone	23' 0"	824' 0"
Shale	2' 0"	826' 0"
Shale	2' 2"	828' 2"
Coal	1' 0"	829' 2"
Shale	1' 7"	830' 9"
Coal	1' 0"	831' 9"
Shale	14' 3"	846' 0"
Coal	3' 6"	049' 6"
Shale	6"	850' 0"
Sandstone	50' 0"	900' 0"
Fireclay	1' 0"	901' 0"
Trap	19' 0"	920' 0"

CUMBERLAND AREA

Prospect Hole No. 123

Elevation: 287' 0"

Depth: 1575' 6"

Location:

Date: 1912

	<u>Thickness</u>	<u>Depth</u>
Surface gravel and boulders	44' 0"	44' 0"
Shale	373' 0"	417' 0"
Sandstone (with layers-of shale)	94' 0"	511' 0"
Sandy shale	133' 0"	644' 0"
Sandstone	26' 0"	670' 0"
Sandy shale	143' 0"	813' 0"
Sandstone	99' 0"	912' 0"
Shale	4' 0"	926' 0"
Sandstone	94' 0"	1020' 0"
Shale	2' 6"	1026' 6"
Coal	6"	1023' 0"
Sandstone	51' 10"	1074' 10"
Coal	5"	1075' 3"
Shale	10' 7"	1085' 10"
Coal	1' 2"	1087' 0"
Sandstone	92' 8"	1179' a"
Shale	1' 3"	1180' 11"
Coal	1' 7"	1182' 10"
Shale	1' 1"	1183' 11"
Coal	1' 1"	1185' 0"
Shale	1' 4"	1186' 4"
Coal	9"	1187' 1"
Shale	3' 7"	1190' 8"
Coal	4"	1191' 0"
Shale	10' 0"	1201' 0"
Sandstone	39' 3"	1240' 3"
Coal	6"	1240' 9"
Shale	9"	1241' 6"
Coal	6"	1242' 0"
Sandstone, shale	5' 0"	1247' 0"
Shale	5' 4"	1252' 4"
Coal	1' 0"	1253' 4"
Shale	16' 10"	1270' 2"
Coal	5"	1270' 7"
Shale	2"	1270' 9"
Coal	1' 7"	1272' 4"
Shale	7"	1272' 11"
Coal	4"	1273' 3"
Shale	6' 5"	1279' 8"
Coal	1' 9"	1281' 5"
Shale	2' 7"	1284' 0"

Prospect Hole No. 123 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone	29' 0"	1313' 0"
Coal	1' 0"	1314' 0"
Shale	8' 0"	1322' 0"
Sandstone	1' 8"	1323' 8"
Coal	2"	1325' 10"
Shale	4' 2"	1328'
Sandstone	39' 7"	1367' 7"
Shale	8"	1368' 3"
Coal	1' 6"	1369' 9"
Shale	6' 7"	1376' 4"
Sandstone	8' 0"	1384' 4"
Shale	8"	1385' 0"
Sandstone	34' 5"	1419' 5"
Coal	1' 0"	1420' 5"
Shale	2' 7"	1423' 0"
Sandstone	67' 0"	1490' 0"
Shale	3' 2"	1493' 2"
Coal	10"	1494' 0"
Shale'	7' 10"	1501' 10"
Shale, coal	3' 8"	1505' 6"
Shale	18' 5"	1523' 11"

CUMBERLAND AREA

Prospect Hole No. 128

Elevation: 409' 0"

Depth: 664' 0"

Location: Sec. 9, Tsp. 9, **Comox** District, V.I.

Date: 1914

	<u>Thickness</u>	<u>Depth</u>
Surface drift	10' 0"	10' 0"
Gravel	4' 0"	14' 0"
Hardpan	4' 0"	18' 0"
Gravel	3' 0"	21' 0"
Hardpan	4' 0"	25' 0"
Boulders	2' 0"	27' 0"
Gravel	3' 0"	30' 0"
Boulders	2' 0"	32' 0"
Gravel	5' 0"	37' 0"
Hardpan	2' 0"	39' 0"
Gravel	10"	39' 10"
Sands tone	62' 2"	102' 0"
Shale	6' 1"	108' 1"
Coal	7"	108' 8"
Shale	3' 0"	111' 8"
Coal	10"	112' 6"
Sandstone	59' 6"	172' 0"
Shale	8' 0"	180' 0"
Sandstone	15' 0"	195' 0"
Coal	10"	195' 10"
Shale	4' 8"	200' 6"
Sandstone	10' 6"	211' 0"
Shale	6' 0"	217' 0"
Coal	10"	217' 10"
S a n d s t o n e	94' 2"	312' 0"
Coal	1' 4"	313' 4"
Shale	10' 0"	323' 4"
Coal	11"	324' 3"
Shale	12' 5"	336' 8"
Coal	3' 5"	340' 1"
Rock	5"	340' 6"
Coal	8"	341' 2"
Rock	5"	341' 7"
Coal	1' 1"	342' 8"
Shale	5' 6"	348' 2"
S a n d s t o n e	39' 10"	388' 0"
Coal	1' 0"	389' 0"
Sandstone	15' 2"	404' 2"
Shale	18' 0"	422' 2"
Sandstone	83' 10"	506' 0"

Prospect Bole No. 128 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale	12' 11"	518' 11"
Coal	1' 3"	520' 2"
Shale	1' 3"	521' 5"
coal	1' 1"	522' 6"
Sandstone	43' 6"	566' 0"
Shale	2' 4"	568' 4"
Sandstone	41' 8"	610' 0"
Shale	33' 0"	643' 0"
Coal	2' 0"	645' 0"
Coal parting	6"	645' 6"
Coal	3"	645' 9"
Coal rock	9"	646' 6"
Coal	8"	647' 2"
Trap shale	6' 10"	654' 0"
Shale	10' 0"	664' 0"

CUMBERLAND AREA

Prospect Hole No. 129

Elevation: '372' 5" **Depth:** 614' 0"

Location: Sec. 9, Tsp. 9, **Comox** District, V.I.

Date: 1914

	<u>Thickness</u>	<u>Depth</u>
Surface drift	5' 0"	5' 0"
Sandstone	75' 0"	80' 0"
Shale	4' 9"	84' 9"
Coal	3"	85' 0"
Sandstone	200' 6"	285' 6"
Shale	5' 0"	290' 6"
Coal	7"	291' 1"
Shale	17' 0"	308' 1"
Coal	1' 3"	309' 4"
Fireclay	2"	309' 6"
Coal	1' 6"	311' 0"
Shale	3' 6"	314' 6"
Coal	1' 2"	315' 8"
Sandstone	56' 4"	372' 0"
Shale	41' 0"	413' 0"
Sandstone	126' 0"	539' 0"
Shale	9' 0"	548' 0"
Sandstone	14' 0"	562' 0"
Shale	37' 6"	599' 6"
Coal	4' 6"	604' 0"
Shale	10' 0"	614' 0"

CUMBERLAND AREA

Prospect Hole No. 130

Elevation: **408' 1"** Depth: **518' 0"**

Location: Sec. 9, Tsp. 9, Comox District, V.I.

Date: 1 9 1 4

	<u>Thickness</u>	<u>Depth</u>
Surface drift		
Clay	5' 0"	5' 0"
Gravel	15' 0"	20' 0"
Sandstone	3' 11"	23' 11"
Shale	58' 9"	82' 8"
Sandstone	13' 6"	96' 2"
Shale	126' 0"	222' 2"
Sandstone	2' 0"	224' 2"
-Shale	66' 8"	290' 10"
Coal	19' 0"	309' 10"
Shale	1' 0"	310' 10"
Coal	10' 11"	321' 9"
Shale	6"	322' 3"
Coal	8' 7"	330' 10"
Shale	6"	331' 4"
Sandstone	1' 8"	333' 0"
Shale	44' 0"	377' 0"
Sandstone	40' 0"	417' 0"
Shale	79' 0"	496' 0"
Coal	5' 0"	501' 0"
Shale	8"	501' 8"
	16' 4"	518' 0"

CUMBERLAND AREA

Prospect Hole **No.** 131

Elevation: 402' 3" Depth: 598' 7"

Location: Sec. 9, Tsp. 9, **Comox** District, V.I.

Date: 1914

	<u>Thickness</u>	<u>Depth</u>
Surf&e drift	5' 0"	5' 0"
Clay	16' 0"	21' 0"
Gravel	3' 9"	24' 9"
Sandstone	1' 0"	25' 9"
Sandstone	18' 0"	43' 9"
Sandstone	21' 0"	64' 9"
Shale	15' 0"	79' 9"
Sandstone	136' 3"	216' 0"
Shale	2' 0"	218' 0"
Coal	4"	218' 4"
Sandstone	59' 8"	278' 0"
Shale	7' 0"	285' 0"
Sandstone	7' 0"	292' 0"
Shale	24' 0"	316' 0"
Coal	10"	316' 10"
Shale	1' 0"	317' 10"
Coal	2"	318' 0"
Shale	6"	318' 6"
Coal	4"	318' 10"
Shale	11' 2"	330' 0"
Sandstone	37' 0"	367' 0"
Shale	5' 0"	372' 0"
Sandstone	4' 0"	376' 0"
Shale	45'	421' 0"
Sandstone	67' 0"	488' 0"
Shale	4' 0"	492' 0"
Coal	8"	492' 8"
Shale	26' 10"	519' 6"
Sandstone	26' 6"	546' 0"
Shale	10' 0"	556' 0"
Coal	6"	556' 6"
Sandstone	2' 0"	558' 6"
Shale	2' 0"	560' 6"
Sandstone	7' 6"	568' 0"
Shale	2' 0"	570' 0"
Sandstone	13' 0"	583' 0"
Shale	14' 0"	597' 0"
Coal	7"	597' 7"
Trap shale	1' 0"	598' 7"

CUMBERLAND AREA

Prospect Hole No. 132

Elevation: 429' 8"

Depth: 499' 10"

Location: Sec. 9, Tsp. 9, Comox District, v.i.

Date: 1914

	<u>Thickness</u>	<u>Depth</u>
Surface drift	4' 0"	4' 0"
Hardpan	6' 0"	10' 0"
Sand	14' 0"	24' 0"
Gravel	1' 0"	25' 0"
Gravel	4' 0"	29' 0"
Hardpan	3' 0"	39' 0"
Clay and boulders	7' 0"	41' 6"
Gravel, clay	2' 6"	
Hardpan	3' 0"	44' 6"
Sandstone	93' 6"	138' 0"
Sandstone	21' 0"	159' 0"
Shale	23' 0"	182' 0"
Coal	2"	182' 2"
Shale	4' 10"	187' 0"
Sandstone	30' 0"	217' 0"
Coal	1' 0"	218' 0"
Shale	3' 0"	221' 0"
Sandstone	8' 0"	229' 0"
Shale	35' 0"	264' 0"
Sandstone	52' 0"	316' 0"
Sandstone	20' 0"	336' 0"
Sandstone	15' 0"	351' 0"
Coal	3"	351' 3"
Shale	3' 9"	355' 0"
Coal	2"	355' 2"
Shale	2"	355' 4"
Coal	1' 0"	356' 4"
Shale	16' 0"	372' 4"
Coal	9"	373' 1"
Sandstone	4' 0"	377' 1"
Coal	1' 6"	378' 7"
Shale	1' 11"	380' 6"
Sandstone	25' 6"	406' 0"
Sandstone	20' 0"	426' 0"
Shale	1' 6"	427' 6"
Coal	11"	428' 5"
Sandstone	27' 0"	455' 5"
Sandstone	17' 7"	473' 0"
Coal	1' 1"	474' 1"
Coal	3"	474' 4"

Prospect Hole No. 132 **cont'd**

	<u>Thickness</u>	Depth
Coal	2' 5"	476' 9"
Shale	11"	477' 8"
Coal	1' 9"	479' 5"
Coal	1' 2"	480' 7"
Trap rock	4' 0"	484' 7"
Trap shale	6' 0"	490' 7"
Trap rock	9' 3"	499' 10"

CUMBERLAND AREA

Prospect Hole No. 133,

Elevation 430' 0" Depth: 370-10"

Location: Sec. 8, Tsp. 9, Comox District, V.I.

Date: 1914

	Thickness	Depth
Surface drift	5' 0"	5' 0"
Gravel	2' 6"	7' 6"
Blue clay	13' 6"	21' 0"
Gravel	12' 6"	33' 6"
Hardpan and boulders	7' 10"	41' 4"
Hardpan, clay, sand	3' 0"	44' 4"
Hardpan	2' 0"	46' 4"
Sandstone	7' 6"	53' 10"
Shale	8"	54' 6"
Sandstone	34' 0"	88' 6"
Shale	2' 6"	91' 0"
Sandstone	69' 0"	160' 0"
Shale	3' 0"	163' 0"
Coal	8"	163' 8"
Shale	8' 4"	172' 0"
Coal	2"	172' 2"
Shale	14' 0"	186' 2"
Coal	3"	186' 5"
Shale	4' 7"	-191' 0"
Coal, bony	1' 3"	192' 3"
Shale	3' 0"	195' 3"
Sandstone	39' 0"	234' 3"
Shale	51' 9"	286' 0"
Coal	3"	291' 3"
Shale	1' 2"	292' 5"
Coal	1' 4"	293' 5"
Shale	1' 7"	295' 4"
Coal	7"	295' 11"
Shale	1' 0"	296' 11"
Coal	1"	297' 0"
Shale	1' 3"	298' 3"
Sandstone	2' 9"	300' 0"
Coal	2' 0"	302' 0"
Sandstone	1' 1"	303' 1"
Shale	6' 0"	309' 1"
Sandstone	3' 4"	312' 5"
Shale	9' 0"	321' 5"
Coal	8"	322' 1"
Sandstone	1' 1"	323' 2"
Coal	7' 10"	331' 0"

Prospect Hole No. 133 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone	2' 6"	333' 6"
Shale (trap)	17' 4"	350' 10"
Trap rock	2' 0"	370' 10"
	18' 0"	368' 10"

CUMBERLAND AREA

Prospect Hole No. 134

Elevation: 444' 0" Depth: 384' 0"

Location: Sec. 5, Tsp. 9, Comox District, V.I.

Date: 1914

	<u>Thickness</u>	<u>Depth</u>
Surface soil	3' 0"	3' 0"
Clay	20' 0"	23' 0"
Hardpan	2' 0"	25' 0"
Hardpan, gravel	1' 6"	26' 6"
Gravel wash	3' 6"	30' 0"
Gravel	4' 6"	34' 6"
Gravel wash	3' 0"	37' 6"
Sandstone	11' 6"	49' 0"
Sandstone	4' 0"	53' 0"
Shale	16' 0"	69' 0"
S h a l e	21' 0"	90' 0"
Sandstone	92' 0"	182' 0"
Shale	17' 0"	199' 0"
Coal	1' 1"	200' 1"
Sandstone		236' 1"
Shale	65' 10"	302' 0"
Coal	9"	302' 9"
Shale	1"	302' 10"
Coal	4"	303' 2"
Shale	1' 4"	304' 6"
Sands tone	9"	305' 3"
Coal	2' 0"	307' 3"
Coal	2' 11"	310' 2"
Trap shale	12' 4"	322' 6"
Trap	55' 6"	378' 0"
Granite	6' 0"	384' 0"

CUMBERLAND AREA

Prospect Hole No. 135

Elevation: **461'** 0"

Depth: 275' 0"

Location: Sec. 5, Tsp. 9, **Comox** District; V.I.

Date: 1916

	<u>Thickness</u>	<u>Depth</u>
Surface soil	6' 0"	6' 0"
Sands tone	20' 6"	26' 6"
Shale	5' 6"	32' 0"
Sandstone	1' 0"	33' 0"
Shale	1' 6"	33' 6"
Coal	0"	34' 6"
Shale	1' 6"	35' 0"
C o a l	1' 0"	36' 0"
Shale	2' 6"	36' 6"
Coal,	2' 0"	38' 6"
Shale	1' 6"	40' 0"
Coal	1' 6"	40' 6"
S h a l e	1' 6"	41' 0"
Coal	1' 6"	42' 6"
Shale.	7' 6"	43' 0"
Sandy shale	7' 0"	50' 0"
Sandstone	44' 0"	94' 0"
Shale	8"	94' 8"
Coal	1"	94' 9"
Shale	41' 3"	136' 0"
Coal	2' 4"	138' 4"
Granite	2' 8"	141' 0"
Sandstone	1' 0"	142' 0"
C o a l	2' 1"	144' 1"
Shale	11"	145' 0"
Sandstone	1' 0"	146' 0"
Shale	24' 0"	170' 0"
Sandstone	1' 0"	171' 0"
Shale	7' 0"	178' 0"
Sandstone	4' 0"	182' 0"
Shale	1' 0"	183' 0"
Coal	1"	183' 1"
Shale	2' 11"	186' 0"
Sandstone	1' 0"	187' 0"
Shale	2' 0"	189' 0"
Sandstone	6"	189' 6"
Shale	2' 6"	192' 0"
Sandstone	8' 0"	200' 0"
Shale	4' 0"	204' 0"
Sandstone	1' 0"	205' 0"
Shale	2' 0"	207' 0"

Prospect Hole No. 135 **cont'd**

	<u>Thickness</u>	<u>Depth</u>
Sandstone	4' 6"	211' 6"
Shale	5' 0"	216' 6"
Sandstone	6"	217' 0"
Shale	20' 0"	237' 0"
Sandstone	5' 0"	242' 0"
Shale	16' 0"	258' 0"
Trap rock	17' 0"	275' 0"

CUMBERLAND AREA

Prospect Hole No. 136

Elevation: 500' 0" Depth: 305' 0"

Location: Sec .5, Tsp. 9, Comox District, V.I.

Date: 1916

	<u>Thickness</u>	<u>Depth</u>
Soil	7' 0"	7' 0"
Sandstone	18' 6"	25' 6"
Shale	6' 0"	31' 6"
Sandstone	38' 0"	69' 6"
Coal	2' 10"	72' 4"
Sandstone	9"	73' 1"
Shale	1' 3"	74' 4"
Coal	1' 5"	75' 9"
Shale	1"	75' 10"
Coal	6"	76' 4"
Shale	1' 5"	77' 9"
Coal	1' 3"	79' 0"
Coal	2' 0"	81' 0"
Coal	1' 3"	82' 3"
Shale	5"	82' 8"
Coal	1' 7"	84' 3"
Shale	7' 10"	92' 1"
Sandstone	1' 2"	93' 3"
Shale	18' 9"	112' 0"
Sandstone	29' 0"	141' 0"
Coal	7"	141' 7"
Shale	1' 7"	143' 2"
Coal	1' 2"	144' 4"
Shale	2' 8"	147' 0"
Coal	1' 9"	148' 9"
Sandstone	3' 8"	152' 5"
Shale	6' 7"	159' 0"
Sandstone	55' 0"	214' 0"
Shale	3' 6"	217' 6"
Sandstone	2' 2"	219' 8"
Shale	1' 4"	221' 0"
Sandstone	3' 0"	224' 0"
Shale	44' 0"	268' 0"
Sandstone	6"	268' 6"
Coal	1"	268' 7"
Shale	5"	269' 0"
Shaly coal	2' 0"	271' 0"
Shale	12' 0"	283' 0"
Trap rock	22' 0"	305' 0"

CUMBERLAND AREA

Prospect Hole No. 137

Elevation: 655' 0"

Depth: 521' 0"

Location: Sec. 8, Tsp. 9, Comox District, V.I.

Date: 1916

	<u>Thickness</u>	<u>Depth</u>
Surface soil	11' 0"	11' 0"
Conglomerate	77' 0"	88' 0"
Granite	16' 0"	104' 0"
Conglomerate	10' 10"	114' 10"
Shale	6' 2"	121' 0"
Sandstone	64' 0"	185' 0"
Coal	1' 4"	186' 4"
Shale	18' 2"	204' 6"
Coal	1' 0"	205' 6"
Shale	7' 6"	213' 0"
Sandstone	69' 0"	282' 0"
Shale	20' 9"	302' 9"
Coal	6"	303' 3"
Shale	1' 6"	304' 9"
Coal	3"	305' 0"
Shale	2"	305' 2"
Coal	10"	306' 0"
Shale	1' 5"	307' 5"
Conglomerate	19' 1"	326' 6"
Shale	2' 11"	329' 5"
Sandstone	14' 5"	343' 10"
Shale	4"	344' 2"
Sandstone	9' 1"	353' 3"
Mud..	1' 6"	354' 9"
Sandstone	10' 9"	365' 6"
Shale	6"	366' 0"
Shale and sandstone	7' 0"	373' 0"
Shale	1' 9"	374' 9"
Coal	1' 1"	375' 10"
Shale	6' 10"	382' 8"
Coal	1"	382' 9"
Shale	1' 3"	384' 0"
Shale and sandstone	23' 0"	407' 0"
Sands tone	11' 0"	418' 0"
Shale	5"	418' 5"
Sandstone	1' 2"	419' 7"
Shale	10"	420' 5"
Sandstone	4' 10"	425' 3"
Sandstone, shale	15' 9"	441' 0"
Sandstone	1' 1"	442' 1"

Prospect Hole No. 137 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale	18' 11"	461' 0"
Sandstone	1' 0"	462' 0"
Shale and coal	1' 8"	463' 8"
Black sandstone	1' 9"	465' 5"
Black shale	7"	466' 0"
Sandstone	4' 0"	470' 0"
Shale	14' 6"	484' 6"
Coal	1' 2"	484' 8"
Black shale	3' 2"	485' 10"
Sandstone	2"	489' 0"
Shale	8' 0"	497' 0"
Conglomerate	19' 0"	506' 0"
Trap	5' 0"	521' 0"

CUMBERLAND AREA

Prospect Hole No. 138

Elevation: 677' 0" Depth: 585' 0"

Location: Sec. 8, Tsp. 9, Comox District. V.I.

Date: 1916

	<u>Thickness</u>	<u>Depth</u>
Surf&e soil	9' 0"	9' 0"
Conglomerate	294' 2"	303' 2"
Coal	8"	305' 10"
Slafe	10' 0"	315' 10"
Sandstone	11' 6"	325' 4"
Coal	4' 0"	329' 4"
Coal	2' 0"	331' 4"
Coal	3' 0"	334' 4"
Sandstone	36' 0"	370' 4"
S l a t e	12' 0"	382' 4"
Coal	6"	382' 10"
Coal	6"	383' 4"
Slate	5' 6"	388' 10"
Coal	6"	389' 4"
Slate, sandy	13' 8"	403' 0"
Sandstone	23' 0"	426' 0"
Slate	10' 0"	436' 0"
Mud	6' 0"	442' 0"
Sandstone	1' 0"	443' 0"
Coal	1' 0"	444' 0"
Slate	3' 0"	447' 0"
Sandstone	28' 0"	475' 0"
Coal and slate	3' 0"	478' 0"
Sandstone	10' 0"	488' 0"
Coal and slate	7' 0"	495' 0"
Sandstone	10' 0"	505' 0"
Slate	6' 0"	511' 0"
Sandstone	34' 0"	545' 0"
Conglomerate	21' 0"	566' 0"
Trap	19' 0"	585' 0"

CUMBERLAND AREA

Prospect Hole No. 143

Elevation: 393' 0"

Depth: 588' 0"

Location: Sec. 4, Tsp. 9, Comox District, V.I.

Date: 1917

	<u>Thickness</u>	<u>Depth</u>
Gravel and boulders	6' 0"	6' 0"
Clay	10' 0"	16' 0"
Sand and gravel	9' 0"	25' 0"
Sandstone	68' 6"	93' 6"
Coal	3"	93' 9"
S h a l e	1' 3"	95' 0"
Coal	8"	95' 8"
Shale	6' 0"	101' 8"
Coal	4"	102' 0"
Sandstone	62' 0"	164' 0"
Shale	4' 0"	168' 0"
Sandstone	6' 4"	174' 4"
Coal	10"	175' 2"
Shale, sandy	69' 10"	245' 0"
Sandstone	57' 9"	302' 9"
Coal	2"	302' 11"
Shale	11"	303' 10"
Coal	2"	304' 0"
Shale	2"	304' 2"
Coal	4"	304' 6"
Shale	25' 6"	330' 0"
Sands tone	10' 9"	340' 9"
Shale	2' 0"	342' 9"
coal	9"	343' 6"
Shale	1' 6"	345' 0"
Sandstone	36' 0"	381' 0"
Shale	4' 0"	385' 0"
Sandstone	5' 0"	390' 0"
Shale	50' 0"	440' 0"
S a n d s t o n e	58' 0"	498' 0"
Shale	2' 0"	500' 0"
Coal and shale	2' 4"	502' 4"
Shale	8' 4"	511' 4"
Shale	6' 4"	517' 8"
Coal	6"	518' 2"
S h a l e	5"	518' 7"
Coal	4"	518' 11"
Shale	9' 1"	528' 0"
Sandstone	19' 0"	547' 0"
Sandy shale	11' 8"	558' 8"

Prospect **Hole** No. 143 cont'd

	<u>Thickness</u>	<u>Depth'</u>
Coal	4"	559' 0"
Shale	18' 0"	577' 0"
C o a l	6"	577' 6"
Sandstone	2' 6"	580' 0"
Coal	6"	580' 6"
Shale and sandstone	7' 6"	588' 0"

CUMBERLAND AREA

Prospect Hole Ho. 148

Elevation: 392' 0"

Depth: 574' 2"

Location: Sec. 4, TSp. 9, Comox District

Date: 1918

	<u>Thickness</u>	<u>Depth</u>
Hard clay	18' 0"	18' 0"
Sandstone	64' 0"	82' 0"
Shale	1' 6"	83' 6"
Coal	6"	84' 0"
Shale	3' 0"	87' 0"
Coal, dirty	1"	87' 1"
Shale	1"	87' 2"
Sandstone	61' 0"	148' 2"
Shale	8' 0"	156' 2"
Shale, coal	2' 0"	158' 2"
Sandy shale	20' 0"	178' 2"
Sandstone	110' 0"	288' 2"
Shale and coal	1' 0"	289' 2"
Shale, black	23' 0"	312' 2"
Shale, coal	2' 0"	314' 2"
Shale	1' 0"	315' 2"
Sandstone	9' 0"	324' 2"
Shale, coal	3' 0"	327' 2"
Shale, sandy	10' 0"	337' 2"
Sandstone	40' 0"	377' 2"
Shale	2' 0"	379' 2"
Shale, coal	2' 0"	381' 2"
Sandstone	11' 0"	392' 2"
Shale	19' 0"	411' 2"
Broken shale	9' 0"	420' 2"
Sandstone	59' 0"	479' 2"
Shale and coal	3' 0"	482' 2"
Shale	26' 0"	508' 2"
Sandstone	16' 0"	524' 2"
Shale and sandstone	17' 0"	541' 2"
Shale and sandstone	27' 0"	568' 2"
Broken shale	6' 0"	574' 2"

CUMBERLAND AREA

Prospect Hole No. 153

Elevation: 437' 9"

Depth: 383' 0"

Location: Sec. 9, Tsp. 8, Comox District, V.I.

Date: 1919

	<u>Thickness</u>	<u>Depth</u>
'Gravel, clay	8' 0"	8' 0"
Clay	4' 0"	12' 0"
Gravel	6"	12' 6"
Clay	4' 6"	17' 0"
Gravel, sand	8' 0"	25' 0"
Gravel, boulders	7' 0"	32' 0"
'Sandstone	13' 0"	45' 0"
Sandstone	16' 0"	61' 0"
Shale	10' 2"	71' 2"
Coal	6"	71' 8"
Shale	5' 4"	77' 0"
Shale	8' 0"	85' 0"
Coal	6"	85' 6"
Shale	1' 2"	86' 8"
Coal	6"	87' 2"
Shale	7"	87' 9"
Coal	4"	88' 1"
Shale	4' 5"	92' 6"
Coal	4"	92' 10"
Shale	4' 2"	97' 0"
Coal	6"	97' 6"
Shale	1' 0"	98' 6"
Coal	4"	98' 10"
Shale	6"	99' 4"
Coal	4"	99' 8"
Shale	6"	100' 2"
Coal	2"	100' 4"
S h a l e	1' 8"	102' 0"
Shale	12' 0"	114' 0"
S a n d s t o n e	18' 0"	132' 0"
Shale	1' 0"	133' 0"
Shale	4"	133' 4"
Coal	4"	133' 8"
Sulphur	1"	133' 9"
Shale	2"	133' 11"
Coal	7"	134' 6"
Shale	3' 6"	138' 0"
Sandstone	11' 0"	149' 0"
Mud	6"	149' 6"
Coal	4"	149' 10"

	Thickness	Depth
Shale	5' 2"	151' 0"
Shale	5' 0"	156' 0"
Sandstone	0"	161' 0"
Shale	5' 0"	166' 0"
Coal	4"	166' 4"
Shale	4' 8"	171' 0"
Shale	5' 0"	176' 0"
Sandstone	15' 0"	191' 0"
Sandstone	3' 0"	194' 0"
Shale	12' 0"	206' 0"
Sandstone	30' 6"	236' 6"
Shale	3"	236' 9"
Coal	4"	237' 1"
Shale	7"	237' 8"
Coal	10"	238' 6"
Shale	12' 6"	251' 0"
Shale, sandy	9' 0"	260' 0"
Shale	1' 6"	261' 6"
Coal	1' 2"	262' 8"
Shale	1' 5"	264' 1"
Coal	9"	264' 10"
Shale	1' 2"	266' 0"
Coal	3"	266' 3"
Shale	4"	266' 7"
Coal	11"	267' 6"
Sandstone	6"	268' 0"
Shale	2' 0"	270' 0"
Sandstone	16' 0"	286' 0"
Sandstone	15' 0"	301' 0"
Sandstone	2' 0"	303' 0"
Shale	14' 0"	317' 0"
Shale	14' 6"	331' 6"
Coal	4"	331' 10"
Sandstone	3' 0"	334' 10"
Coal	6"	335' 4"
Shale	4"	335' 8"
Coal	1' 5"	337' 1"
Shale	11"	338' 0"
Sandstone	9' 0"	347' 0"
Sandstone	16' 0"	363' 0"
Sandstone	4' 5"	367' 5"
Coal	1' 7"	369' 0"
Shale	3' 0"	372' 0"
Trap rock	11' 0"	383' 0"

CUMBERLAND AREA

Prospect Hole No. 155

Elevation: 436' 0"

Depth: 515' 0"

Location: Sec. 9, Tsp. 9, Comox District, V.I.

Date: 1919

	<u>Thickness</u>	<u>Depth</u>
Sand and gravel	8' 0"	8' 0"
Clay	6' 0"	14' 0"
Gravel	4' 0"	18' 0"
Clay; gravel.	5' 0"	23' 0"
Gravel, boulders	6' 0"	29' 0"
Boulders, clay	4' 0"	33' 0"
Sandstone	50' 0"	83' 0"
Shale	3' 0"	86' 0"
Sandstone	7' 0"	93' 0"
Shale	6' 6"	99' 6"
Coal	1' 0"	100' 6"
Shale	2"	100' 8"
Coal	10"	101' 6"
Shale	6"	102' 0"
Coal	8"	102' 8"
Shale	1' 4"	104' 0"
Sandstone	40' 0"	144' 0"
Shale	3' 0"	147' 0"
Sandstone	64' 0"	211' 0"
Shale	12' 0"	223' 0"
Coal	6"	223' 6"
Shale	3' 0"	226' 6"
Coal	8"	227' 2"
Shale	2' 2"	229' 4"
Coal	6"	229' 10"
Shale,	10' 2"	240' 0"
Sandstone	48' 6"	288' 6"
Shale	4' 6"	293' 0"
Sandstone	1' 0"	294' 0"
Shale	4' 0"	298' 0"
Coal, shale	1' 0"	299' 0"
Shale	12' 9"	311' 9"
Coal	4 "	312' 1"
Shale	12' 11"	325' 0"
Sandstone	57' 0"	382' 0"
	48' 0"	430' 0"
Sandstone, shaly	3' 6"	433' 6"
Shale	1' 0"	434' 6"
Coal	10"	435' 4"
Shale	1' 4"	436' 8"
Sandstone	2' 2"	438' 10"

Prospect Hole No. 155 cont'd

	<u>Thickness</u>	<u>Depth</u>
Coal	1"	438' 11"
Sandstone	1"	439' 0"
Coal	2' 0"	441' 0"
Broken shale	10"	441' 10"
Coal	1' 8"	443' 6"
Shale	3' 6"	447' 0"
Coal	2' 10"	449' 10"
Shale	2' 5"	452' 3"
Coal	9"	453' 0"
Shale	1' 0"	454' 0"
Sandstone	30' 0"	484' 0"
Sandstone	6' 0"	490' 0"
Coal; shale	1' 0"	491' 0"
Sandstone	6' 0"	497' 0"
Shale	2' 0"	499' 0"
Shale, sandy	2' 0"	501' 0"
Sandstone, shaly	14' 0"	515' 0"

CUMBERLAND AREA

Bore Hole No. 185

Elevation: 212' 0" ; Depth: 1322' 0"

Location: Lot 227, Comox District, V.I.

Date: '1940

	<u>Thickness</u>	<u>Depth</u>
Surface	9' 6"	9' 6"
Soft shale	-9' 6"	19' 0"
Shale	97' 0"	116' 0"
Shale and sandstone	13' 0"	129' 0"
Shale	10' 0"	139' 0"
Shale and sandstone	15' 0"	154' 0"
Sandstone	4' 0"	158' 0"
Shale and sandstone	28' 0"	186' 0"
Shale	23' 0"	209' 0"
Sandstone	8' 0"	217' 0"
Sandstone, shale	12' 0"	229' 0"
Sandstone	9' 0"	238' 0"
Shale, sandstone	17' 0"	255' 0"
Sandstone, shale	10' 0"	265' 0"
Sandstone	9' 0"	274' 0"
Sandstone	7' 0"	281' 0"
Sandstone, shale	31' 0"	316' 0"
Shale	8' 0"	320' 0"
Shale	69' 0"	389' 0"
Sandstone	21' 0"	410' 0"
Shale	10' 0"	420' 0"
Shale	8' 0"	428' 0"
Shale	4' 0"	432' 0"
Sandstone, shale	14' 0"	446' 0"
Shale	34' 0"	480' 0"
Sandstone	3' 0"	483' 0"
Shale	11' 0"	494' 0"
Shale, sandstone	88' 0"	582' 0"
Shale	41' 6"	623' 6"
Sandstone	2' 6"	626' 0"
Sandstone	45' 0"	671' 0"
Sandstone, shale	2' 0"	673' 0"
Sandstone, shale	1 2' 0"	685' 0"
Sandstone, shale	-19 8' 0"	693' 0"
Sandstone, shale		712' 0"
Sandstone, shale	16' 0"	728' 0"
Sandstone, shale	21' 6"	749' 6"
Shale	3' 6"	753' 0"
Shale	10"	753' 10"
Coal	2"	754' 0"

	<u>Thickness</u>	<u>Depth</u>
Shale.	2"	754' 2"
Coal	a"	754' 10"
Shale	2' 0"	755' 10"
Sandstone	83' 2"	840' 0"
Coal, shale	10"	840' 10"
Shale	6"	841' 4"
Coal	6"	841' 10"
Shale, coal	2"	842' 0"
Shale	5' 2"	847' 2"
Shale	3"	847' 5"
Coal, shale	4"	847' 9"
Coal	3"	848' 0"
Sandstone	1"	848' 1"
Coal, shale	2"	848' 3"
Coal	3"	848' 6"
Coal, shale	2"	848' 8"
Coal	3"	848' 11"
Coal, shale	2"	849' 1"
Shale	6"	849' 7"
Sandstone	53' 11"	903' 6"
Shale	1' 0"	904' 6"
Shale, coal	1"	904' 7"
Coal	3"	904' 10"
Shale	10"	905' 8"
Coal, shale	4"	906' 0"
Coal	4"	906' 4"
Shale, coal	5"	906' 9"
Coal	5"	907' 2"
Shale, coal	6"	907' 8"
Shale	8"	908' 4"
Shale, coal	6"	908' 10"
Coal	4"	909' 2"
Shale; coal	8"	909' 10"
Sandstone	39' 6"	949' 4"
Shale	6"	949' 10"
Sandstone	9' 0"	958' 10"
Shale	4' 2"	963' 0"
Sandstone	13' 0"	976' 0"
Sandstone, coal	26' 2"	1002' 2"
Sandstone, coal	4"	1002' 6"
Coal	2"	1002' 8"
Coal, shale	2"	1002' 10"
Coal	5"	1003' 3"
Shale	8"	1003' 11"
Shale	8' 1"	1012' Of'
Shale	3' 2"	1015' 2"
Coal	2"	1015' 4"
Coal, shale	2"	1015' 6"
Coal	6"	1016' 0"
Coal, shale	4"	1016' 4"

	Thickness	Depth
Shale-	4' 11"	1021' 3"
Coal, shale	6"	1021' 9"
Coal, shale	6"	1022' 3"
Shale	9"	1023' 0"
Sandstone, shale	3' 0"	1026' 0"
Shale	8' 0"	1034' 0"
Sandstone	10' 0"	1044' 0"
Shale	4' 0"	1048' 0"
Sandstone	5' 6"	1053' 6"
Shale	4"	1053' 10"
Shale, coal	1"	1053' 11"
Coal	3"	1054' 2"
Coal, shale	8"	1054' 10"
Shale, coal	6"	1055' 4"
S h a l e	2' 6"	1057' 10"
Sandstone	2' 0"	1059' 10"
Shale	1' 2"	1061' 0"
Sandstone, shale	21' 0"	1082' 0"
Shale	2' 10"	1084' 10"
Shale, coal	4"	1085' 2"
Shale	1' 0"	1086' 2"
Shale, coal	2"	1086' 4"
Coal	9"	1087' 1"
Coal, shale	1"	1087' 2"
C o a l	9"	1087' 11"
Shale	1' 9"	1089' 8"
Shale; coal	4"	1090' 0"
Coal	8"	1090' 8"
Shale	2"	1090' 10"
Shale, coal	4"	1091' 2"
C o a l	11"	1092' 1"
Shale	2"	1092' 3"
Shale	1' 0"	1093' 3"
Sandstone	12' 9"	1106' 0"
Shale	3' 0"	1109' 0"
Shale, coal	3"	1109' 3"
Coal	5"	1109' 8"
Shale, coal	2"	1109' 10"
Shale	2' 0"	1111' 10"
Sandstone	4' 2"	1116' 0"
Sandstone	16' 0"	1132' 0"
Sandstone	11' 4"	1143' 4"
Coal, shale	8"	1144' 0"
Shale	6"	1144' 6"
Coal	3"	1144' 9"
Shale	3' 3"	1148' 0"
Shale	6' 0"	1154' 0"
Sandstone	29' 0"	1183' 0"
Shale	2' 6"	1185' 6"
S h a l e	10"	1186' 4"
C o a l	4"	1186' 8"

	<u>Thickness</u>	<u>Depth</u>
Shale, coal	2 "	1186' 10"
Coal	4"	1187' 2"
Shale	3"	1187' 5"
Coal, shale	3"	1187' 8"
Coal	2"	1187' 10"
Shale, coal	2"	1188' 0"
Shale	6"	1188' 6"
Shale	2"	1188' 8"
Shale, coal	5"	1189' 1"
Coal	3"	1189' 4"
Shale-	2"	1189' 6"
Sandstone: shale	8' 6"	1198' 0"
Sandstone,	43' 0"	1241' 0"
Sandstone.	1' 0"	1242' 0"
Shale	10"	1242' 10"
Shale, coal	5"	1243' 3"
Coal, shale	2"	1243' 5"
Coal	8"	1244' 1"
Shale	2"	1244' 3"
Coal	1"	1244' 4"
Shale	1' 4"	1245' 8"
Shale; coal	6"	1246' 2"
Coal	4"	1246' 6"
Coal, shale	4"	1246' 10"
Shale	1"	1246' 11"
Shale, coal	2"	1247' 1"
Shale	1' 11"	1249' 0"
Shale, sandstone	25' 0"	1274' 0"
Shale	8"	1274' 8"
Shale, coal	4"	1275' 0"
Coal	9"	1275' 9"
Shale	1' 5"	1277' 2"
Coal, shale	2"	1277' 4"
Shale	6"	1277' 10"
Coal	1' 0"	1278' 10"
Shale, coal	2"	1279' 0"
Shale	2' 6"	1281' 6"
Shale	15' 0"	1296' 6"
Shale, coal	2"	1296' 8"
Coal	6"	1297' 2"
Shale	2"	1297' 4"
Shale.	2' 8"	1300' 0"
Shale, CO81	11"	1300' 11"
Coal -	9"	1301' 8"
Shale, coal	1' 4"	1302' 0"
Shale	0"	1303' 0"
Basalt	19' 0"	1322' 0"

CUMBERLAND AREA

Bore Hole No. 186

Elevation: 244' 0"

Depth: 1128' 0"

Location: Lot 94, **Comox** District, V.I.

Date: 1940

	<u>Thickness</u>	<u>Depth</u>
Surface	68' 0"	68' 0"
Shale	68' 0"	136' 0"
Shale, sandstone	22' 0"	158' 0"
Sandstone, shale	11' 0"	169' 0"
Shale	13' 0"	182' 0"
Shale, sandstone	20' 0"	202' 0"
Sandstone	6' 0"	208' 0"
Shale, sandstone	19' 6"	227' 6"
Sandstone	8' 6"	236' 0"
Sandstone, shale	80' 0"	316' 0"
Shale, sandstone	60' 0"	376' 0"
Sandstone, shale	30' 0"	406' 0"
Shale, sandstone	30' 0"	436' 0"
S h a l e	30' 0"	466' 0"
Shale, sandstone	30' 0"	496' 0"
Sandstone, shale	26' 0"	522' 0"
Sandstone	16' 0"	538' 0"
Shale, sandstone	10' 0"	548' 0"
Shale	56' 0"	604' 0"
Sandstone; shale	79' 0"	683' 0"
Sandstone, shale	36' 8"	719' 8"
Shale	1' 0"	720' 8"
Coal, shale	3"	720' 11"
Shale	9"	721' 8"
Sandstone	4"	722' 0"
Shale	1' 0"	724' 0"
Sandstone	77' 6"	800' 6"
Shale	2"	800' 8"
Coal	4"	801' 0"
Shale	6' 5"	807' 5"
Coal	4"	807' 9"
Shale	1"	807' 10"
Coal	2"	808' 0"
Sandstone	40' 0"	848' 0"
Shale	1' 0"	849' 0"
Coal	6"	849' 6"
Coal, shale	1"	849' 7"
Coal	4"	849' 11"
Coal, shale	2"	850' 1"
Coal	2"	850' 3"

Bore Hole No. 186 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale	11' 9"	862' 0"
Sandstone	49' 0"	911' 0"
Sandstone, shale	2' 0"	913' 0"
Sandstone	30' 0"	943' 0"
Sandstone	5' 10"	948' 10"
Shale	2' 8"	951' 6"
Coal, shale	4"	951' 10"
Shale	3"	952' 1"
Coal	1' 7"	953' 8"
Shale	2"	953' 10"
Coal	5"	954' 3"
Shale	1"	954' 4"
Shale, coal	3"	954' 7"
Shale	1' 11"	956' 6"
Coal	1' 0"	957' 6"
Shale;	1' 2"	958' 8"
Shale, coal	4"	959' 0"
C o a l	2"	959' 2"
Shale	2' 9"	961' 11"
Coal.	7"	962' 6"
Shale	4' 9"	967' 3"
Sandstone, shale	15' 9"	983' 0"
Sandstone	10' 0"	993' 0"
Sandstone, coal	6' 0"	999' 0"
Sandstone	7' 0"	1006' 0"
Shale	1' 0"	1007' 0"
Coal	1' 2"	1008' 2"
Shale, coal.	1"	1008' 3"
Coal	1"	1008' 4"
Shale	2' 8"	1011' 0"
Sands tone, shale	2' 0"	1013' 0"
Sandstone	3' 6"	1016' 6"
Shale	2' 10"	1019' 4"
Coal, shale	2"	1019' 6"
Shale	2' 10"	1022' 4"
Coal	1' 4"	1023' 8"
Coal. shale	5"	1024' 1"
Coal	2"	1024' 3"
Shale, coal	3"	1024' 6"
Coal	5"	1024' 11"
Shale	3"	1025' 2"
Coal, shale	3"	1025' 5"
Coal	1' 0"	1026' 5"
Shale	1' 0"	1027' 5"
Shale; coal	3"	1027' 8"
Shale	3"	1027' 11"
Sandstone	2' 0"	1029' 11"
Sandstone	9' 7"	1039' 6"
Shale	1' 0"	1040' 6"
Shale	4"	1040' 10"
Shale	7"	1041' 5"

	<u>Thickness</u>	<u>Depth</u>
* C o a l	7"	1042' 0"
Shale	1' 0"	1043' 0"
Sh a l e	2' 0"	1045' 0"
Sandstone, shale	30' 0"	1075' 0"
Sandstone	3' 6"	1078' 6"
Shale, coal	3' 0"	1081' 6"
S h a l e	8' 6"	1090' 0"
Sandstone	9' 0"	1099' 0"
Sandstone	8' 0"	1107' 0"
Shale	1' 0"	1108' 0"
Coal	4"	1108' 4"
Shale	4"	1108' 8"
Shale, coal	1' 0"	1109' 8"
Shale	2' 4"	1112' 0"
Trap	16' 0"	1128' 0"

GUMBERLAND AREA

Bore Hole No. 1 8 7

Elevation: 276' 4" Depth: 1252' 6"

Location: Lot 94, Comox district

Date: 1941

	<u>Thickness</u>	<u>Depth</u>
Sandy loam	4' 6"	4' 6"
Clay-	4' 0"	8' 6"
Sand	1' 6"	10' 0"
Sand-with clay	2' 0"	12' 0"
Clay	16' 0"	28' 0"
Clay; gravel	2' 0"	30' 0"
Shale	14' 0"	44' 0"
Shale, sandstone bands	19' 0"	63' 0"
Shale, sandstone bands	25' 0"	88' 0"
Sandstone, shale	32' 0"	120' 0"
Sands tone	14' 0"	134' 0"
Shale, sands tone bands	10' 0"	144' 0"
Sandstone, shale bands	25' 0"	169' 0"
Sandstone. Shale streaks	31' 0"	200' 0"
Shale streaks	2' 0"	202' 0"
Shale	174' 0"	376' 0"
Shale	76' 0"	452' 0"
Sandstone, shale bands	19' 0"	471' 0"
Shale, sandstone bands	22' 0"	493' 0"
Shale	34' 0"	527' 0"
Broken shale	9' 0"	536' 0"
Shale	12' 0"	548' 0"
Shale, sands tone bands	2' 0"	550' 0"
Sandstone	10' 0"	560' 0"
Sandstone with shale streaks	28' 0"	588' 0"
Sandstone, shale bands	15' 0"	603' 0"
Shale, sandstone bands	10' 0"	613' 0"
Sands tone, shale streaks	16' 0"	629' 0"
Shale and sandstone bands	3' 0"	632' 0"
Sands tone	17' 0"	649' 0"
Sandstone with shale streaks	3' 0"	652' 0"
Shale	6"	652' 6"
Shale with coal	4"	652' 10"
Coal	10"	653' 8"
Shale with coal	6"	654' 2"
Sands tone	6' 10"	661' 0"
Sands tone	80' 4"	741' 0"
Shale	1' 3"	742' 3"
Coal	6"	742' 9"
Shale and coal	3"	744' 3"

	<u>Thickness</u>	<u>Depth</u>
Shale	6"	7 4 3 ' 6"
Sandstone, shale streaks	12' 6"	756' 0"
Sandstone	2' 6"	7 5 8 ' 6"
Shale with coal	2"	7 5 8 ' 8"
Coal	4"	7 5 9 ' 0"
Shale	3"	7 5 9 ' 3"
Coal	2"	7 5 9 ' 5"
Shale and coal	2"	7 5 9 ' 7"
Sandstone	5 8 ' 9"	8 1 8 ' 4 "
Shale	1' 2"	8 1 9 ' 6"
Coal	3 "	8 1 9 ' 9"
Shale	3' 0"	8 2 2 ' 9 "
Shale and coal	2 "	8 2 2 ' 1 1 "
Coal	5"	8 2 3 ' 4 "
Shale	5"	8 2 3 ' 9 "
Shale and coal	4 "	8 2 4 ' 1 "
Coal	5"	8 2 4 ' 6"
Shale	1' 3"	8 2 5 ' 9 "
Coal	11"	8 2 6 ' 8 "
Shale and coal	4 "	8 2 7 ' 0"
Coal	3 "	8 2 7 ' 3"
Shale and coal	1"	8 2 7 ' 4 "
Sandstone	4 7 ' 8"	8 7 5 ' 0"
Shale	8' 0"	8 8 3 ' 0"
Sandstone	5' 0"	8 8 8 ' 0"
Shale	3' 0"	8 9 1 ' 0"
Sandstone	8' 6"	8 9 9 ' 6"
Sandstone, coal streaks	6"	9 0 0 ' 0"
Coal and sandstone	2"	9 0 0 ' 2"
Shale	3 "	9 0 0 ' 5"
Coal	1"	9 0 0 ' 6"
Shale	1"	9 0 0 ' 7"
Coal	1' 0"	9 0 1 ' 7"
Shale and coal	4"	9 0 1 ' 11"
Coal	6"	9 0 2 ' 5"
Shale	3' 7"	9 0 6 ' 0"
Sandstone, fine	6 ' 0"	9 1 2 ' 0 "
Sandstone, shale streaks	4' 0"	9 1 6 ' 0"
Shale	6' 0"	9 2 2 ' 0 "
Sandstone	1' 0"	9 2 3 ' 0"
Shale, coal streaks	10' 0"	9 3 3 ' 0"
Sandstone	10' 0"	9 4 3 ' 0"
Shale	1' 0"	9 4 4 ' 0"
Sandstone	19' 0"	9 6 3 ' 0"
Sandstone, shale streaks	3' 6"	9 6 6 ' 6"
Shale and coal	2 "	9 6 6 ' 8"
Shale	1' 10"	9 6 8 ' 6"
Sandstone	2' 0"	9 7 0 ' 6"
Shale	2' 6"	9 7 3 ' 0"
Shale, sandstone streaks	2' 0"	9 7 5 ' 0"
Shale	1 2 ' 0"	9 8 7 ' 0"

Bore Hole No. 187 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone	2' 0"	989' 0"
Shale	3' 0"	992' 0"
Sandstone	1' 0"	993' 0"
Shale	3' 6"	996' 6"
Shale and coal	1' 10"	997' 4"
Coal	1' 0"	998' 4"
Shale	3"	999' 7"
C o a l	3"	999' 10"
Shale and coal	2"	1000' 0"
Coal	1' 0"	1001' 0"
Shale	1' 0"	1002' 0"
Shale and coal	4"	1002' 4"
Coal	2"	1002' 6"
Coal and shale	2"	1002' 8"
Coal and shale	1' 2"	1003' 10"
Shale	1' 10"	1005' 8"
Coal	4"	1006' 0"
Shale	5' 0"	1011' 0"
Shale, coal markings	2' 0"	1013' 0"
Coal	8"	1013' 8"
Coal and shale	2"	1013' 10"
Coal	4"	1014' 2"
Shale	6"	1014' 8"
Sandstone, shale streaks-	31' 4"	1046' 0"
Sandstone	3' 0"	1049' 0"
Shale and sandstone streaks'	6' 0"	1055' 0"
Shale with coal streaks	5' 0"	1060' 0"
Sandstone and coal streaks	2' 0"	1062' 0"
Shale and coal	1' 0"	1063' 0"
Sandstone	2' 5' 0"	1088' 0"
Shale	6' 0"	1094' 0"
Shale and coal	3"	1094' 3"
Coal	6"	1094' 9"
Shale	1"	1094' 10"
Coal	6"	1095' 4"
Shale and coal	9"	1096' 1"
Coal	10"	1096' 11"
Brown shale.	4"	1097' 3"
Shale	2' 9"	1100' 0"
Sandstone	64' 0"	1164' 0"
Shale and sandstone	1' 0"	1165' 0"
Sandstone	18' 0"	1183' 0"
Shale	2' 4"	1185' 4"
Shale, coal markings	4"	1185' 8"
Coal	8"	1186' 4"
Shale	1' 2"	1187' 6"
Shale and coal	3"	1187' 9"
C o a l	8"	1188' 5"
Coal and shale	4"	1188' 9"
Coal	1' 4"	1190' 1"
Shale and coal markings	6"	1190' 7"

Bore Hole No. 187 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale and sandstone	19' 5"	1210' 0"
Shale	1' 3"	1211' 3"
Shale with coal markings	3"	1211' 6"
Shale and coal	6"	1212' 0"
Coal	9"	1212' 9"
Shale and coal markings	3"	1213' 0"
Shale	1' 0"	1214' 0"
Coal . . .	2' 0"	1216' 0"
Shale	2"	1216' 2"
Shale and coal	6"	1216' 8"
Shale	13' 4"	1230' 0"
Coal and shale .	1' 6"	1231' 6"
Shale	9"	1232' 3"
C o a l	6"	1232' 9"
Shale and coal	6"	1233' 3"
Shale	4' 3"	1237' 6"
Coal add shale	3' 6"	1241' 0"
Coal	3"	1241' 3"
Coal and shale	3"	1241' 6"
Shale	6"	1242' 0"
Shale with coal markings	4' 0"	1246' 0"
Decomposed trap	6' 6"	1252' 6"

CAMPBELL RIVER AREA

Bore Hole No. 8

Elevation: 480'

Depth: 808' 8"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Boulders and sand	20' 0"	20' 0"
Sandstone	5' 0"	25' 0"
Sandstone with coal markings	1' 0"	26' 0"
Sandstone	9' 0"	35' 0"
Sandstone with coal markings	1' 0"	36' 0"
Sandstone	13' 3"	49' 3"
Shale with coal markings	0' 9"	50' 9"
Shale with coal markings 1½" coal	2' 1½"	52' 10½"
Sandy shale	3' 8½"	56' 7"
Shale	3' 0"	59' 7"
Sandstone with a few shale layers	7' 0"	66' 7"
Sandstone	5' 0"	71' 7"
Sandstone with shale nodules & coal markings	3' 10"	75' 5"
Sandstone	12' 2"	87' 7"
Sandstone with shale nodules & coal markings	2' 4"	89' 11"
Sandstone. Faint Bedding	6' 8"	96' 7"
Sandstone	5' 0"	101' 7"
Sandstone with shale nodules	0' 8"	102' 3"
Sandstone	4' 4"	106' 7"
Sandstone with a few coal markings, bedding layers	6' 0"	112' 7"
Shale with coal markings	4' 0"	116' 7"
Sandy shale	20' 0"	136' 7"
Shale becoming sandy at 140'	6' 0"	142' 7"
Sandstone. Thin bedding	4' 0"	146' 7"
Sandstone	14' 9"	161' 4"
Shale and sandstone	3' 3"	164' 7"
Sandstone with shale layers	2' 0"	166' 7"
Sandstone	11' 8"	178' 3"
Sandy shale	17' 11"	196' 2"
Sandstone	6' 5"	202' 7"
Sandstone (coarse)	14' 0"	216' 7"
Sandstone with shale nodules to 1"	3' 6"	220' 1"
Sandstone	25' 8"	245' 9"
Sandy shale	3' 10"	249' 7"
Shale	9' 0"	258' 7"
Shale with fine sandy layers	16' 0"	274' 7"

Bore Hole No. 8 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone with thin coal markings & shale layers	6' 0"	280' 7"
Sandstone	26' 7"	307' 2"
Rounded shale nodules to 1" resembling conglomerate	0' 1"	307' 3"
Sandy shale	2' 4"	309' 7"
Shale with coal markings	2' 0"	311' 7"
Shale with a few coal markings	10' 8"	322' 3"
Coal with thin calcite veinlets	0' 10"	323' 1"
Bone, coal, shale (in that order)	0' 7"	323' 8"
Bony coal	2' 5"	326' 1"
Shale	0' 6"	326' 7"
Shale and bone	0' 3"	326' 10"
Coal	1' 1"	327' 11"
Shale with a few coal marks & silty layers	3' 8"	331' 7"
Shale	2' 4"	333' 11"
Bony coal	0' 6"	334' 5"
Shale	0' 3"	334' 8"
Coal	0' 6"	335' 2"
Bony shale	0' 5"	335' 7"
Bony coal	0' 6"	335' 1"
Coal	2' 6"	338' 7"
Bony coal	0' 6"	339' 1"
Coal	0' 6"	339' 7"
Shale	1' 8"	341' 3"
Dirty coal	0' 8"	341' 11"
Coal	0' 10"	342' 9"
Shale with siltstone bands & coal markings	5' 8"	348' 5"
Coal	2' 10"	351' 3"
Shale with coal markings silty bands & coal layers	7' 4"	358' 7"
Coal	1' 2"	359' 9"
Shale	1' 7"	361' 4"
Sandy shale	0' 7"	361' 11"
Shale	0' 4"	362' 3"
Coal	0' 6"	362' 9"
Shale	0' 2"	371' 11"
Mixed coal and shale layers	0' 6"	372' 5"
Shale	4' 0"	376' 5"
Sandy shale grading into sandstone with shale (Sandstone 378' 6" to 380')	10' 0"	386' 5"
Sandstone with few coal markings	20' 0"	406' 5"
Sandstone with shale layers	11' 0"	417' 5"
Sandstone with heavy coal markings, thin shale streaks	2' 1"	419' 6"
Dirty coal	0' 11"	420' 5"
Shale	1' 8"	421' 3"
Coal with many shale lenses	0' 4"	421' 5"
Shale with many thin coal layers	0' 6"	421' 11"

	<u>Thickness</u>	<u>Depth</u>
Coal	0' 8"	422' 7"
Shale with many coal layers	0' 10"	423' 5"
Bony coal	2' 0"	425' 5"
Shale	1' 7"	427' 0"
Very dirty, bony coal	0' 9"	427' 9"
Shale with many white blebs of calcite	2' 8"	430' 5"
Sandstone	2' 6"	432' 11"
Shale, grading through sandy shale to sandstone	7' 6"	440' 5"
Conglomerate (3/8") with few layers of sandy shale and sandstone	52' 0"	492' 5"
Sandstone	1' 6"	493' 11"
Shale with small rounded blebs of calcite	0' 6"	494' 5"
Shale grading into sandy shale	15' 0"	509' 5"
Sandy shale	6' 0"	515' 5"
Sandy shale grading into cross-bedded sandstone	5' 3"	520' 8"
Conglomerate with interbedded sandstone and few shale layers	23' 9"	544' 5"
Sandstone. Last 6" shale	7' 9"	552' 2"
Sandy shale grading into shale	1' 0"	553' 2"
Shale with coal markings	0' 4"	553' 6"
Conglomerate. Subangular shale fragments in sandstone matrix	2' 2"	555' 8"
Sandstone	1' 0"	556' 8"
Conglomerate with shale pebbles to 1/2" sandstone matrix	5' 0"	561' 8"
Sandstone. Some thin shale pieces and layers	48' 0"	609' 8"
Sandy shale	1' 0"	610' 8"
Sandstone	1' 0"	611' 8"
Sandy shale. Banded	18' 0"	629' 8"
Sandstone. Some thin shale bands	1' 0"	630' 8"
Banded sandstone and shale	1' 0"	631' 8"
Sandstone with indistinct shale banding	2' 0"	633' 8"
Conglomerate interformational pebbles to 1/2"	0' 9"	634' 5"
Sandy shale	52' 3"	686' 8"
Shale. Faintly banded	17' 0"	703' 8"
Sandy shale	6' 0"	709' 8"
Shale	19' 0"	728' 8"
Sandy shale	1' 0"	729' 8"
Shale (broken)	30' 0"	759' 8"
Shale (red and green)	10' 0"	769' 8"
Shale (red)	2' 0"	771' 8"
Banded shale (red and green)	3' 0"	774' 8"
Shale (with red bands)	7' 0"	781' 8"
Shale (red)	3' 0"	784' 8"
Shale (broken)	3' 0"	787' 8"
Sandy shale	6' 6"	794' 2"
Conglomerate	4' 6"	798' 8"
Shale (red)	10' 0"	808' 8"

CAMPBELL RIVER AREA

Bore Hole No. 9

Elevation: 270'

Depth: 1055' 0"

Location: Campbell River

	Thickness	Depth
Sandy Clay	34' 0"	34' 0"
Gravel and boulders	10' 0"	44' 0"
Sandstone	2' 0"	46' 0"
Shale with sandstone bands	8' 0"	54' 0"
Shale	1' 0"	55' 0"
Sandstone	3' 0"	58' 0"
Shale	13' 0"	71' 0"
Sandstone	7' 0"	78' 0"
Shale with sandstone bands	18' 0"	96' 0"
Sandstone with shale streaks	6' 0"	102' 0"
Sandy shale	8' 0"	110' 0"
Shale with coal markings	3' 0"	113' 0"
Shale	10' 0"	123' 0"
Sandstone	23' 0"	146' 0"
Shale with sandstone streaks	4' 0"	150' 0"
Sandstone. Fine conglomerate between 160' & 170'	44' 0"	194' 0"
Sandy shale with sandstone bands	9' 0"	203' 0"
Sandstone with shale streaks	3' 0"	206' 0"
Shale	3' 0"	209' 0"
Shale with coal markings	1' 3"	210' 3"
Shale	1' 6"	211' 9"
Shale with coal markings	0' 6"	212' 3"
shale and coal	0' 6"	212' 5"
Shale and sandstone streaks	3' 7"	216' 0"
Shale and sandstone streaks	2' 6"	218' 6"
Shale	2' 6"	221' 0"
Sandy shale	2' 0"	223' 0"
Sandstone	34' 0"	257' 0"
Conglomerate	2' 0"	259' 0"
Sandstone	8' 0"	267' 0"
Shale	10' 0"	277' 1 0"
Sandstone (1" coal at 351')	116' 0"	393' 0"
Sandstone with shale	2' 0"	395' 0"
Sandstone	96' 0"	491' 0"
Shale	7' 0"	498' 0"
Sandstone with shale streaks	6' 0"	504' 0"
Shale with scattered coal markings	2' 6"	506' 6"
Shale with coal markings	0' 6"	507' 0"

	<u>Thickness</u>	<u>Depth</u>
Shale	1' 6"	508' 6"
Sandstone	5' 6"	514' 0"
Sandstone	23' 0"	537' 0"
Sandstone with bands of shale	7' 0"	544' 0"
Sandstone and shale streaks	8' 0"	552' 0"
Shale with coal markings	2' 0"	554' 0"
Shale	2' 0"	556' 0"
Shale and sandstone streaks	7' 0"	563' 0"
Sandstone	62' 0"	625' 0"
Sandstone (broken)	12' 6"	637' 6"
Coal	0' 1"	637' 7"
Sandstone	30' 5"	668' 0"
Sandstone (broken)	8' 0"	676' 0"
Shale	10' 0"	686' 0"
Sandstone	24' 0"	710' 0"
Shale	15' 0"	725' 0"
Conglomerate	0' 6"	725' 6"
Shale	4' 6"	730' 0"
Sandy shale with sandstone streaks	11' 0"	741' 0"
Shale	2' 0"	743' 0"
Sandstone	13' 0"	756' 0"
Sandstone and shale streaks	6' 0"	762' 0"
Sandstone (broken)	7' 0"	769' 0"
Sandstone	3' 0"	772' 0"
Sandstone	43' 0"	815' 0"
Shale	3' 0"	818' 0"
Sandy shale	6' 0"	824' 0"
Shale with sandstone streaks	4' 0"	828' 0"
Shale	7' 0"	835' 0"
Sandstone	23' 0"	858' 0"
Shale	8' 0"	866' 0"
Sandstone and shale streaks	9' 0"	875' 0"
Shale	9' 0"	884' 0"
Sandy shale with sandstone bands	6' 0"	890' 0"
Shale	8' 6"	898' 6"
Shale (red)	0' 6"	899' 0"
Sandy shale	2' 6"	901' 6"
Shale (red)	0' 6"	902' 0"
Sandy shale with sandstone streaks	6' 0"	908' 0"
Shale	10' 0"	918' 0"
Sandstone	20' 0"	938' 0"
Sandstone with scattered shale	5' 0"	943' 0"
Conglomerate	3' 0"	946' 0"
Sandstone with shale bands	9' 0"	955' 0"
Conglomerate	5' 0"	960' 0"
Shale (broken)	6' 0"	966' 0"
Shale	3' 0"	969' 0"
Shale	10' 2"	979' 2"
Sandy shale	3' 6"	982' 8"
Sandstone with shale bands	2' 6"	985' 2"

Bore Hole No. 9 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale. Slight sandstone in blebs	9' 2"	994' 4"
Coal	1' 6"	995' 10"
Shale and coal	0' 3"	996' 1"
Shale	2' 6"	998' 7"
Coal and shale	0' 4"	998' 11"
Coal	0' 6"	999' 5"
Coal and shale	0' 3"	999' 8"
Shale	16' 0"	1015' 8"
Coal	4' 10"	1020' 6"
Coal and shale	0' 4"	1020' 10"
Coal	6' 2"	1027' 0"
Shale	0' 9"	1027' 9"
Shale and coal	0' 6"	1028' 3"
Trap (shale on top)	26' 9"	1055' 0"

CAMPBELL RIVER AREA

Bore Hole No. 10

Elevation: 654'

Depth: 232' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Gravel, boulders, clay, etc.	50' 0"	50' 0"
Sand	87' 0"	137' 0"
Gravel, boulders, sand, clay	8' 0"	145' 0"
Sandstone	9' 0"	154' 0"
Sandstone with shale markings	10' 0"	164' 0"
Shale with sandstone streaks	2' 0"	166' 0"
Shale	13' 0"	179' 0"
Shale (broken)	3' 0"	182' 0"
Sandstone	6' 0"	188' 0"
Shale	3' 0"	191' 0"
Sandy shale	2' 0"	193' 0"
Conglomerate	5' 0"	198' 0"
Trap	34' 0"	232' 0"

CAMPBELL RIVER AREA

Bore Hole No. 10

Elevation: 654'

Depth: 231' 6"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Gravel, Boulders, Clay, etc.	50' 0"	50' 0"
S a n d	87' 0"	137' 0"
Gravel, boulders, sand, clay	8' 0"	145' 0"
Sandstone with shale streaks:	20' 5"	165' 5"
Sandstone and shale	6' 7"	172' 0"
Sandstone with sandy shale	2' 6"	174' 6"
Sandy shale with shale streaks	9' 6"	184' 0"
S a n d s t o n e	1' 0"	185' 0"
Conglomerate	2' 6"	187' 6"
Trap - tuffaceous appearance,	3' 0"	190' 6"
Trap - with hematite	2' 0"	192' 6"
Trap with chlorite	1' 0"	193' 6"
Trap	38' 0"	231' 6"

CAMPBELL RIVER AREA

Bore Hole No. 11

Elevation: 470'

Depth: 642' 11½"

Location:

	Thick&s	Depth
Overburden	12' 0"	12' 0"
Sandstone with many thin shale streaks	0' 6"	12' 6"
Bony shale and coal	0' 4"	12' 10"
Shale	1' 2"	14' 0"
Shale (broken)	10' 0"	24' 0"
Shale. Last 6" sandy	10' 0"	34' 0"
Shale with thin layers of sandy shale	1' 0"	35' 0"
Sandstone with considersble shale	5' 4"	40' 4"
Shale and coal	0' 5"	40' 9"
Coal with 25% bone and shale	0' 8"	41' 5"
Shale with coal markings	7' 0"	48' 5"
Shale & coal. 50% coal bands to ½"	1' 1"	49' 6"
Shale and bone	0' 11"	50' 5"
Bondy coal	0' 10"	51' 3"
Shale, slight coal	2' 10"	54' 1"
Shaly sandstone	1' 3"	55' 4"
Conglomerate (shale in shaly sandstone)	4' 0"	59' 4"
Sandstone with sandy shale	1' 6"	60' 10"
Sandstone	5' 5"	66' 3"
Conglomerate	3' 0"	69' 3"
Sandy shale	2' 5"	71' 8"
Sandstone	2' 2"	73' 10"
Conglomerate	2' 11"	76' 9"
Sandstone	0' 4"	77' 1"
Sandy shale	3' 9"	80' 10"
Shale	5' 0"	85' 10"
Sandy shale	4' 8"	90' 6"
Sandstone with sandy shale	0' 6"	91' 0"
Sandy shale	2' 1"	93' 1"
Shale with coal markings	2' 9"	95' 10"
Sandstone with sandy shale	3' 0"	98' 10"
Sandy shale	1' 11"	100' 9"
Shale	1' 5"	102' 2"
Sandy shale	6' 8"	108' 10"
Shale	20' 0"	128' 10"
Sandy shale	3' 6"	132' 4"
Shale	6' 6"	138' 10"
Sandy shale with coal markings	1' 2"	140' 0"

	Thickness	Depth
Sandy shale	3' 3"	143' 3"
Shale	1' 7"	144' 10"
Shale and conglomerate	4' 0"	148' 10"
Conglomerate	2' 2"	151' 0"
Sandstone and shale markings	1' 6"	152' 6"
Shale	1' 4"	153' 10"
Sandy shale	11' 0"	164' 10"
Shale	2' 0"	166' 10"
Coal and shale	0' 4"	167' 2"
Shale with coal markings	4' 1"	171' 3"
Shale	0' 7"	171' 10"
Coal	0' 2½"	172' 2"
Shale	1' 5"	173' 5½"
Coal	0' 8½"	174' 2"
Shale	0' 5½"	174' 7½"
Shale and coal	0' 3"	174' 10½"
Shale	0' 10"	175' 8½"
Sandy shale	0' 4"	176' 1"
Shale with sandstone	1' 10"	177' 10½"
Coal and shale	0' 2"	178' 1"
Sandstone	59' 11"	237' 11½"
Conglomerate	1' 8"	239' 7½"
Shale with sandstone	3' 8"	243' 3½"
Shale	17' 1"	260' 4½"
Sandstone	0' 7"	260' 11½"
Conglomerate	7' 4"	268' 3½"
Shale	0' 8"	268' 11½"
Conglomerate	2' 0"	268' 11½"
Shale and coal	0' 8"	269' 9½"
Shale	0' 10"	270' 7½"
Sandy shale	1' 8"	272' 3½"
Sandstone	3' 4"	275' 7½"
Shale	1' 6"	277' 1½"
Sandy shale	2' 0"	279' 1½"
Shale	2' 1"	281' 2½"
Shale and coal	0' 1"	281' 3½"
Shale	2' 0"	283' 3½"
Coal	0' 4½"	283' 8"
Shale	1' 6"	285' 2"
Coal and shale	0' 2½"	285' 4½"
Shale	4' 0"	289' 4½"
Coal and shale	0' 2"	289' 6½"
Shale	1' 5"	290' 11½"
Shale with coal markings	1' 2"	292' 1½"
Shale	1' 2"	293' 3½"
Sandy shale	1' 10"	295' 1½"
Shale	1' 10"	296' 11½"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale	4' 0"	300' 11½"
Shale	9' 9"	310' 8½"
Sandstone	24' 3"	334' 11½"
Shale	4' 0"	338' 11½"
Shale with coal markings	13' 4½"	352' 4"
Coal and shale	0' 1½"	352' 5½"
Shale with coal markings	1' 0"	353' 5½"
Sandy shale grading to sandstone	4' 6"	357' 11½"
Shale grading to sandy shale	5' 8"	363' 7½"
Shale	3' 6"	367' 1½"
Shale with sandy cross beds	1' 7"	368' 8"
Intraformational conglomerate	1' 0"	369' 8½"
Sandstone	2' 7"	372' 3½"
Conglomerate	12' 8"	384' 11½"
Sandstone	6' 6"	391' 5½"
Sandstone grading to conglomerate	1' 0"	392' 5½"
Conglomerate. Shale interbedded	3' 6"	395' 11½"
Shale	2' 0"	397' 11½"
Sandstone	7' 0"	404' 11½"
Conglomerate	0' 6"	405' 5½"
Shale	0' 6"	405' 11½"
Shale (green)	7' 0"	412' 11½"
Shale. Many coal markings	6' 0"	418' 11½"
Shale	6' 10½"	425' 10"
Bone and coal	0' 3½"	426' 7½"
Shale and bone	0' 4"	426' 5½"
Shale. Thin coal seam 3/8"	0' 3"	426' 8½"
Shale	1' 0"	427' 8½"
Shale with coal markings (black shale)	1' 6"	429' 2½"
Shale with coal markings (brown shale)	2' 3"	431' 5½"
Sandy shale. Few coal markings	19' 6"	450' 11½"
Shale	15' 6"	466' 5½"
Shale with few thin coal markings	1' 6"	467' 7½"
Sandy shale grading to sandstone. One coal mark 1/3"	2' 0"	469' 11½"
Sandstone with few thin interbeds shale. One coal mark 1"	3' 4"	473' 3½"
Sandstone grading to conglomerate thin shale interbeds	3' 10"	477' 1½"
Shale. Scattered coal markings	5' 6"	482' 7½"
Shale. Numerous thin coal markings	4' 9"	487' 4½"
Sandy shale	1' 11"	489' 3½"
Conglomerate. Interbeds shale containing numerous coal marks	0' 8"	489' 11½"
Shale. Thin coal markings	8' 10"	498' 9½"
Coal and shale	0' 2"	498' 11½"
Shale	1' 0"	499' 11½"
Shale. Few coal markings	6' 6"	506' 5½"
Sandstone grading to conglomerate few coal markings	2' 0"	508' 5½"
Sandy shale	16' 6"	524' 11½"

Bore Hole No. 11 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandy shale with sandstone cross beds	2' 6"	527' 5½"
Sandstone. One coal mark	2' 6"	529' 11½"
Conglomerate. One coal mark	0' 7"	530' 6½"
Sandstone. Thin coal markings	0' 3"	530' 9½"
Sandy shale	21' 2"	551' 11½"
Coal and shale	0' 1½"	552' 1"
Shale with coal markings	0' 4"	552' 5"
Shale	0' 8"	553' 1"
Sandstone	2' 10½"	555' 11½"
Conglomerate with sandstone interbeds. Few coal markings	10' 0"	565' 11½"
Conglomerate	6' 0"	571' 11½"
Shale	2' 0"	573' 11½"
Shale (broken)	7' 0"	580' 11½"
Sandy shale	1' 0"	581' 11½"
Sandy shale grading to sandstone. Cross bedded	4' 2"	586' 1½"
Conglomerate	13' 4"	599' 5½"
Shale (broken)	12' 6"	611' 11½"
Shale (last few feet broken)	11' 0"	622' 11½"
Sandstone with shale interbeds	10' 0"	632' 11½"
Trap conglomerate	6' 0"	638' 11½"
Shale	4' 0"	642' 11½"

CAMPBELL RIVER AREA

Bore Hole No. 12

Elevation: 329'

Depth: 1057' 8"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	21' 0"	21' 0"
Sandstone, one pebble	4' 0"	25' 0"
Sandstone	10' 2"	35' 2"
Shale. Slight coal	0' 5"	35' 7"
Shale	2' 5"	38' 0"
Sandstone & shale. Intercross bedded	3' 0"	41' 0"
Intraformational conglomerate rounded shale chunks & bands to 2" in sandstone	3' 10"	44' 10"
Sandstone (medium to coarse)	15' 2"	60' 0"
Sandstone (very coarse)	4' 6"	64' 6"
Shale	0' 6"	65' 0"
Bone with thin shale lenses	0' 1"	65' 1"
Shale. few coal markings 1/8"	0' 4"	65' 5"
Sandy shale cross bedded with sandstone	3' 0"	68' 5"
Shale. Coal lenses to 1/2"	0' 2"	68' 7"
Coal. Some bone, calcite, pyrite	0' 7"	69' 2"
Shale	0' 6"	69' 8"
Coal and 75% shale	0' 4"	70' 0"
Sandy shale and sandstone	12' 0"	82' 0"
Sandstone (medium - coarse)	8' 0"	90' 0"
Sandstone	15' 10"	105' 10"
Shale. Few coal markings to 1/16"	1' 0"	106' 10"
Shale. Many thin coal markings	1' 4"	108' 2"
Shale. Few thin coal markings	3' 4"	111' 6"
Shale. Several coal layers 1/4" thick	1' 6"	113' 0"
Sandy shale. Few scattered thin coal markings	7' 0"	120' 0"
Sandy shale	2' 0"	122' 0"
Sandstone. One calcite veinlet 1/4" thick	8' 0"	130' 0"
Sandstone with fairly numerous shale blebs	3' 8"	133' 8"
Thin bedded alternating sandstone and shale	0' 10"	134' 6"
Sandstone with shale blebs	0' 6"	135' 0"
Sandstone	25' 0"	160' 0"
Sandstone with shale blebs	10' 0"	170' 0"
Sandstone	16' 0"	186' 0"
Sandstone with few shale blebs	9' 0"	195' 0"
Sandstone with scattered shale blebs	2' 6"	197' 6"
Conglomerate pebbles to 1/2" x 1/2"	7' 6"	205' 0"

	<u>Thickness</u>	<u>Depth</u>
Sandstone	20' 0"	225' 0"
Sandstone with few shale blebs	7' 6"	232' 6"
Conglomerate. Many shale blebs to 1/2" x 1" in sandstone	0' 8"	233' 2"
Sandstone	6' 8"	239' 10"
Conglomerate. Many thin shale blebs in sandstone	0' 9"	240' 7"
Sandstone. Few calcite veinlets	15' 1"	255' 8"
Sandstone with many shale blebs and curved coaly markings 1/8" x 2"	1' 2"	256' 10"
Sandstone and sandy shale. Few small shale blebs.	0' 8"	257' 6"
Sandstone. Few shale blebs 'at 263' - 264'	7' 6"	265' 0"
Sandstone with numerous shale blebs & pebbles 4" x 1 1/2"	3' 0"	268' 0"
Sandstone	13' 0"	281' 0"
Conglomerate. Many rounded shale pebbles 1/2' x 3/4" in sandstone	0' 6"	281' 6"
Sandstone	9' 6"	291' 0"
Conglomerate. Large rounded shale pebbles in sandstone	0' 5"	291' 5"
Sandy shale and shale	5' 7"	297' 0"
Shale. Few thin coal markings	0' 10"	297' 10"
Sandy shale & intra cross bedded sandstone	5' 4"	303' 2"
Sandstone. Last 4" with small shale pebbles	21' 10"	325' 0"
Sandstone grading to conglomerate last 1"	10' 0"	335' 0"
Sandstone	2' 6"	337' 6"
Conglomerate with many rounded shale pebbles to 1/2" x 2"	0' 9"	338' 3"
Sandstone	1' 6"	339' 9"
Shale	3' 3"	343' 0"
Shale. Few plant remains	2' 0"	345' 0"
Sandstone. Cross bedded	10' 0"	355' 0"
Sandstone	17' 0"	372' 0"
Coal. Very slight bone	0' 7"	372' 7"
Shale	0' 6"	373' 1"
Shale. Few coal markings	5' 5"	378' 6"
Shale. Coal lenses to 1/2"	1' 0"	379' 6"
Shale	5' 6"	385' 0"
Sandy shale with sandstone cross beds	3' 8"	388' 8"
Shale. One band sandstone	3' 0"	391' 8"
Sandy shale	4' 4"	396' 0"
Sandstone with much shale	5' 6"	401' 6"
Sandy shale & cross bedded sandstone	3' 6"	405' 0"
Shale	1' 6"	406' 6"
Shale with several coal marks 1/8"	2' 2"	408' 8"
Shale	0' 8"	409' 4"
Sandy shale	1' 2"	410' 6"
Sandstone. Few rounded shale pebbles 1/8" x 1/2"	4' 6"	415' 0"
Sandstone	20' 0"	435' 0"
Conglomerate	0' 7"	435' 7"
Coal	0' 2"	435' 9"

Bore Hole No. 12 cont'd

	<u>Thickness</u>		<u>Depth</u>	
Conglomerate. Also shale fragments to	3'	6"	439'	3"
Sandstone. Few bands sandy shale	5'	9"	445'	0"
Sandstone	19"	0"	464'	0"
Sandstone with numerous shale bands & blebs	2'	7"	466'	7"
Sandstone	4'	0"	470'	7"
Shale grading to cross bedded sandstone.	3'	5"	474'	0"
Sandy shale laminated beds of sandstone	10'	0"	484'	0"
Sandstone laminated with sandy shale	4'	0"	488'	0"
Shale, slightly sandy	2'	6"	490'	6"
Sandy shale	1'	6"	492'	0"
Sandstone. Fairly well laminated	15'	9"	507'	9"
Sandstone. Fairly well laminated with much shale breccia	0'	3"	508'	0"
Sandstone	3'	5"	511'	5"
Sandstone. Few faint laminations	7'	2"	518'	7"
Sandstone & many thin laminations of shale blebs	2'	0"	520'	7"
Sandstone	10'	5"	531'	0"
Shale	0'	6"	531'	6"
Sandstone	5'	0"	536'	6"
Sandstone (coarse)	3'	6"	540'	0"
Sandstone (medium-coarse).>	11'	0"	551'	0"
Sandstone laminated with fine sandstone and shale blebs	3'	7"	554'	7"
Sandstone laminated with shale specks	3'	0"	557'	7"
Sandstone. Few shale bleb layers	6'	2"	563'	9"
Sandstone (laminated)	0'	4"	564'	1"
Sandstone	8'	11"	573'	0"
Sandstone. Few shale fragments & irregular coal markings	8'	2"	581'	2"
As above with much shale breccia	1'	3"	582'	5"
Shale	1'	4"	583'	9"
Sandstone with thin coal markings	1'	11"	585'	8"
Sandy shale	3'	6"	589'	2"
Shale	0'	8"	589'	10"
Sandstone	3'	7"	593'	5"
Sandstone, well laminated	5'	7"	599'	0"
Sandy shale	2'	0"	601'	0"
Shale, slightly sandy	10'	4"	611'	4"
Sandstone and sandy shale	3'	4"	614'	8"
Shale	3'	3"	617'	11"
Sandstone. Few shale blebs	2'	9"	620'	8"
Sandstone	18'	0"	638'	8"
Sandstone, considerable shale in lenses	6'	4"	645'	0"
Sandstone	3'	10"	648'	10"
Broken sandstone with a layer of shale breccia fragments	0'	6"	649'	4"
Sandstone (medium)	10'	8"	660'	0"
Sandstone (coarse)	7'	8"	667'	8"

Bore Hole No. 12 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone (medium - coarse)	9' 8"	677' 4"
Sandy shale	1' 1"	678' 5"
Shale Very thin coal markings	0' 9"	679' 2"
Sandstone. One coal mark 3/8" x 2"	1' 4"	680' 6"
Shale (green)	2' 0"	682' 6"
Shale(grey)	1' 0"	683' 6"
Sandstone and sandy shale	2' 6"	686' 0"
Sandstone	3' 10"	688' 10"
Shale	5' 0"	693' 10"
Sandstone	1' 4"	695' 2"
Shale, slightly sandy	0' 5"	695' 7"
Sandstone. Few shale fragments	10' 4"	705' 11"
Shale with coal layers 1/8"	0' 1"	706' 0"
Sandstone. Few pieces shale breccia	11' 1"	717' 1"
Shale	3' 4"	720' 5"
Sandstone. Few shale lenses	1' 3"	721' 8"
Shale	2' 9"	724' 5"
Sandy shale, laminated	2' 9"	727' 2"
Sandstone	0' 2"	727' 4"
Sandy shale	3' 0"	730' 4"
Sandstone	2' 10"	733' 2"
Sandy shale & laminated sandstone	1' 8"	734' 10"
Sandstone	4' 0"	738' 10"
Sandstone	20' 2"	759' 0"
Intraformational conglomerate	1' 0"	760' 0"
Sandstone	0' 10"	760' 10"
Shale	3' 8"	764' 6"
Sandy shale	3' 1"	767' 7"
Sandstone	4' 0"	771' 7"
Sandstone (laminated with sandy shale)	3' 2"	774' 0"
Sandstone	0' 7"	775' 4"
Sandstone (laminated with sandy shale)	2' 8"	778' 0"
Sandstone with several laminated shale blebs	1' 10"	779' 10"
Sandstone	16' 4"	796' 2"
Intraformational conglomerate. Shale lenses in sandstone	1' 10"	798' 0"
Sandstone, few large shale fragments	1' 9"	799' 9"
Sandstone. Few extaline & shale pebbles to 1/2"x1"	21' 11"	821' 8"
Sandstone. Few tiny pebbles last 6"	7' 0"	828' 8"
Sandstone and sandy shale	2' 8"	831' 4"
Shale. Few plant remains	2' 11"	834' 3"
Shale	0' 6"	834' 9"
Sandy shale	1' 5"	836' 2"
Sandstone grading to shale	2' 3"	838' 5"
Sandy shale and shale	6' 9"	845' 2"
Sandstone. Thinly laminated	2' 1"	847' 3"
Sandstone grading to sandy shale	1' 4"	848' 7"
Sandy shale	1' 3"	849' 10"
Shale	5' 0"	854' 10"

Bore Hole No. 12 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale	1' 7"	856' 5"
Sandy shale	2' 5"	858' 10"
Sandstone with intermixed shale	5' 8"	864' 6"
Conglomerate 2" Ø	1' 0"	865' 6"
Sandstone	3' 0"	868' 6"
Conglomerate. Pebbles xtalline to 4" Ø	12' 9"	881' 3"
Sandstone	2' 2"	883' 5"
Sandstone with coal markings	0' 4"	883' 9"
Shale	0' 3"	884' 0"
Coal	0' 10"	884' 10"
Coal, slightly bony	0' 6"	885' 4"
Bone	0' 3"	885' 7"
Shale with thin coal markings	0' 8"	886' 3"
Shale with sandy laminations	23' 7"	909' 10"
Shale and coal	0' 2"	910' 0"
Coal	0' 7"	910' 7"
Shale and coal	0' 5"	911' 0"
Shale. Few coal marks to ½" thick	5' 4"	916' 4"
Coal	3' 10"	920' 2"
Shale	0' 2"	920' 4"
Coal	0' 4"	920' 8"
Shale and coal	1' 6"	922' 2"
Coal - dirty	2' 5"	924' 7"
Shale	0' 8"	925' 3"
Coal	0' 3"	925' 6"
Shale and coal markings	0' 3"	925' 9"
Shale	2' 6"	928' 3"
Coal	1' 8"	929' 11"
Shale and coal markings	0' 8"	930' 7"
Shale	1' 0"	931' 7"
Coal	0' 8"	932' 3"
Bony shale	0' 11"	933' 2"
Shale	6' 0"	939' 2"
Coal	2' 0"	941' 2"
Shale and coal markings	6' 0"	947' 2"
Coal	0' 6"	947' 8"
Shale and coal markings	2' 6"	950' 2"
Shale and 20% coal in thin lenses	0' 8"	950' 10"
Coal	0' 5"	951' 3"
Shale with coal markings	6' 8"	957' 11"
Shale	0' 4"	958' 3"
Shale with coal markings	1' 5"	959' 8"
Sandy shale with laminated sandstone	21' 3"	980' 11"
Shale with sandstone streaks, one coal markings 1" thick	0' 9"	981' 8"
Sandstone with shale laminations	3' 6"	985' 2"
Sandy shale with coal marks to 1"	1' 6"	986' 8"
S ndy shale	5' 0"	991' 8"
Sandy shale	8' 6"	1000' 2"
Sandstone with intermixed shale	0' 7"	1000' 9"

Bore Hole No. 12 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale	2' 2"	1002' 11"
Sandstone	0' 6"	1003' 5"
Shale, somewhat sandy	5' 0"	1008' 5"
Shale & sandy shale (grey)	4' 4"	1012' 9"
Shale and sandy shale (red)	9' 10"	1022' 7"
Sandy shale (dark red)	1' 5"	1024' 0"
Sandy shale (green)	0' 10"	1024' 10"
Sandstone, sandy shale & laminated conglomerate	2' 10"	1027' 8"
Sandy shale	2' 6"	1030' 2"
Conglomerate with bands of sandstone	6' 0"	1036' 2"
Trap, conglomerate. Boulders trap with a few granite fragments	4' 6"	1040' 8"
Altered trap	5' 0"	1045' 8"
Altered trap. 99% chlorite	10' 6"	1056' 2"
Trap	1' 6"	1057' 8"

CAMPBELL RIVER AREA

Bore Hole No. 13

Elevation: 450'

Depth: 1354' 3"

Location: Campbell River.

	Thickness	Depth
Overburden	9' 0"	9' 0"
Sandstone	28' 0"	37' 0"
Sandstone with shale	3' 0"	40' 0"
Sandstone with floating pebbles at 118-120; 130-140 and 150-156	116' 0"	156' 0"
Sandy shale grading to shale	4' 0"	160' 0"
Shale	0' 6"	160' 6"
Bone	0' 2"	160' 8"
Shale with thin coaly markings	1' 10"	162' 6"
Sandstone with sandy shale	6' 0"	168' 6"
Shale	1' 6"	170' 0"
Shale with coaly markings	0' 6"	170' 6"
Sandy shale and sandstone	4' 3"	174' 9"
Bony shale	0' 3"	175' 0"
Shale partly sandy. Few coaly markings	6' 9"	181' 9"
Black carbonaceous shale. Few thin coaly markings	0' 7"	182' 4"
Sandstone	6' 6"	188' 10"
Sandstone grading into shale with coal markings	0' 9"	189' 7"
Shale. Few coaly markings	3' 0"	192' 7"
Coal and shale	0' 1 1/2"	192' 8 1/2"
Sandy shale. Few coaly markings	4' 4 1/4"	197' 1"
Sandstone	10' 10"	207' 11"
Conglomerate with rounded pebbles to 1"	1' 8"	209' 7"
Shale	0' 6"	210' 1"
Conglomerate	1' 6"	211' 7"
Sandy shale and sandstone	3' 0"	214' 7"
Sandstone	3' 0"	217' 7"
Shale	1' 0"	218' 7"
Sandstone and sandy shale	2' 0"	220' 7"
Shale	1' 6"	222' 1"
Sandy shale	12' 9"	234' 10"
Sandstone. Thin shale beds top 2'		
	10' 9"	245' 7"
Sandstone. One calcite veinlet	15' 6"	261' 1"
Conglomerate pebbles to 3/4" in coarse sandstone	5' 0"	266' 1"
Shale. Many thin coal markings to 1/2" thick	2' 0"	268' 1"
Sandy shale	1' 0"	269' 1"

Bore Hole No. 13 cont'd

	<u>Thickness</u>	<u>Depth</u>	
Shale many thin coal markings	0' 4"	269'	5"
Shale becoming sandy shale	0' 2"	269'	7"
Sandy shale	1' 0"	270'	7"
Shale	0' 7"	271'	2"
Shale. Few coal markings to 1" thick	2' 10"	274'	0"
Coal. Good slight pyrite	0' 5½"	274'	5½"
Shale, few thin coal markings	6' 9½"	281'	3"
Sandstone	0' 6"	281'	9"
Shale. Patches with brown structures few thin coal markings 1/8"	6' 2"	287'	11"
Sandstone	0' 3"	288'	2"
Shale. Faint brown structures very thin coal marks	1' 5"	289'	7"
Shale. Brown structures, coal markings	1' 0"	290'	7"
Coal	0' 4½"	290'	11½"
Bony shale and coal	0' 2"	291'	1½"
Coal	0' 8"	291'	9½"
Shale	0' 8½"	292'	6"
Coal and shale	0' 3"	292'	9"
Shale. One lense coal 2" thick at 296'	3' 10"	296'	7"
Sandy shale	1' 0"	297'	7"
Sandstone with sandy shale	4' 8"	302'	3"
Sandstone with shale	4' 4"	306'	7"
Shale with numerous coal markings	1' 2"	307'	9"
Shale. Brown structures many thin coal markings	2' 0"	309'	9"
Sandstone with sandy shale. One 3/4" coal marking at 313'	3' 8"	313'	5"
Sandy shale and shale. 30° bedding angle	1' 2"	314'	7"
Shale. Brown structures,	½" 1' 4½"	315'	11½"
Coal and bone	0' 1½"	316'	1"
Shale. One thin sandstone bed	0' 6"	316'	7"
Coal and bone	0' 4"	316'	11"
Sandstone	2' 5"	319'	4"
Shale. Faint brown structures	0' 10"	320'	2"
Bony shale	0' 9"	320'	11"
Sandy shale	1' 9"	322'	8"
Sandstone	26' 8"	349'	4"
Conglomerate	2' 6"	351'	10"
Sandstone. Few shale blebs & angular fragments. One floating pebbles 356'	14' 2"	366'	0"
Shale	0' 7"	366'	7"
Sandstone (medium)	20' 0"	386'	7"
Sandstone (coarse)	7' 6"	394'	1"
Sandstone and sandy shale	1' 2"	395'	3"
Sandstone. Few coal markings shale nodules	1' 4"	396'	7"
Sandstone. Numerous shale blebs	3' 0"	399'	7"
Sandstone (coarse to medium)	7' 0"	406'	7"
Sandstone (medium)	7' 0"	413'	7"
Sandstone. Numerous shale blebs. Few coal markings to ½" thick	3' 0"	416'	7"

	<u>Thickness</u>	<u>Depth</u>
Sandstone (medium)	6' 0"	422' 7"
Sandstone (fine)	4' 0"	426' 7"
Sandstone (coarse)	6' 5"	433' 0"
Sandstone (fine)	3' 7"	436' 7"
Sandstone (coarse)	10' 0"	446' 7"
Sandstone (medium-coarse)	14' 7"	461' 2"
Shale with sandy shale	0' 5"	461' 7"
Sandstone	11' 6"	473' 1"
Sandstone with shale fragments	1' 6"	474' 7"
Sandstone	10' 0"	484' 7"
Sandstone. Shale blebs last 3'	13' 4"	497' 11"
Shaly conglomerate	0' 4"	498' 3"
Sandstone	23' 7"	521' 10"
Sandstone with scattered pebbles	0' 5"	522' 3"
Sandstone	9' 6"	531' 9"
Shale. Some coal markings to 1/8"	1' 0"	532' 9"
Coal	0' 6"	533' 3"
Sandy shale. Faint brown structures	0' 4"	533' 7"
Sandy shale. Intraformational conglomerate below	5' 0"	538' 7"
Sandstone	16' 0"	554' 7"
Sandstone with few floating pebbles to 3/4" Also some coal marks	2' 6"	557' 1"
Sandy shale and shale	2' 11"	560' 0"
Shale. Brown structures	0' 3"	560' 3"
Shale. One coal marking 1/8" thick	1' 5"	561' 8"
Shale. Brown structures	0' 5"	562' 1"
Sandy shale	12' 2"	574' 3"
Sandstone with shale	0' 7"	574' 10"
Sandstone	17' 3"	592' 1"
Conglomerate	2' 0"	594' 1"
Sandstone. Few scattered pebbles	10' 6"	604' 7"
Sandstone (medium)	15' 0"	619' 7"
Sandstone (coarse)	3' 0"	622' 7"
Sandy shale and shale	2' 6"	625' 1"
Sandstone	14' 6"	639' 7"
Sandy shale	1' 3"	640' 10"
Shale. Coal markings to 1/2"	0' 2"	641' 0"
Sandy shale. One coal marking	2' 8"	643' 8"
Bone and coal	0' 2"	643' 10"
Shale with blotches of sandstone	0' 2 1/2"	644' 1/2"
Coal and bone	0' 2"	644' 2 1/2"
Sandy shale	2' 7 1/2"	646' 10"
Sandy shale and sandstone	2' 9"	649' 7"
Shale and sandy shale	8' 0"	657' 7"
Shale	0' 4"	657' 11"
Sandy shale	4' 6"	662' 5"
Sandstone and sandy shale inter cross bedded	6' 8"	669' 1"
Sandy shale	0' 6"	669' 7"
Intraformational conglomerate sandy shale fragments in sandstone	0' 6"	670' 1"

	Thickness	Depth
Sandstone. Few scattered pebbles	15' 6"	685' 7"
Sandstone with more pebbles	2' 0"	687' 7"
Sandstone	9' 0"	696' 7"
Shale. Few coal markings to 1/8"	1' 0"	697' 7"
Shale	3' 4"	700' 11"
Sandstone and shale	1' 8"	702' 7"
Shale. Few coal markings to 1/8"	3' 0"	705' 7"
Sandy shale and sandstone	1' 0"	705' 7"
Shale and sandy shale	3' 4"	709' 11"
Sandy shale	2' 9"	712' 8"
Sandstone. Few thin interbeds of sandy shale	3' 11"	716' 7"
Sandstone	40' 0"	756' 7"
Sandstone. Few pebbles at 763'	8' 0"	764' 7"
Sandstone	8' 6"	773' 1"
Sandy shale and shale	3' 2"	776' 3"
Sandstone with shale beds	2' 4"	778' 7"
Sandy shale & sandstone. Grading to sandy shale	5' 0"	783' 7"
Sandy shale. Few thin coal markings	2' 10"	786' 5"
Sandy shale	7' 2"	793' 7"
Sandstone and sandy shale	3' 3"	796' 10"
Sandy shale;	0' 4"	797' 2"
Bony shale	0' 2"	797' 4"
Sandy shale (brown and green)	6' 3"	803' 7"
Sandy shale (green)	3' 6"	807' 1"
Sandstone and sandy shale	12' 0"	819' 1"
Shale. Few thin coal markings	3' 0"	822' 1"
Sandy shale and sandstone	1' 0"	823' 1"
Shale. Few sandy layers, thin coal markings	8' 3"	831' 4"
Shale. Many thin coal markings 1/40"	0' 8"	832' 0"
Shale. Severed coal markings 1/16" x 2"	0' 6"	832' 6"
Sandstone. One coal marking 1/8" x 4"	1' 1"	833' 7"
Sandstone and sandy shale	3' 2"	836' 9"
Sandy shale	2' 0"	838' 9"
Sandy-shale. Very few tiny coal marks	2' 2"	840' 11"
Sandy shale and sandstone	2' 8"	843' 7"
Sandstone and sandy shale	3' 0"	846' 7"
Shale. Slightly sandy. Few thin coal markings.		
One coal marking 1/4"	2' 0"	848' 7"
Sandy shale	5' 0"	853' 7"
Sandy shale. Few sandstone beds	10' 0"	863' 7"
Sandstone	10' 0"	873' 7"
Sandstone with a few rounded shale pebbles	19' 0"	892' 7"
Conglomerate pebbles to 2" in sandstone	0' 3"	892' 10"
Sandstone	2' 11"	895' 9"
Sandstone with many shale pebbles	0' 8"	896' 5"
Sandstone and sandy shale	7' 2"	903' 7"
Sandy shale. Few thin sandstone beds. One coal mark	6' 0"	909' 7"
Sandstone	7' 9"	917' 4"

Bore Hole No. 23 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone and sandy shale	7' 3"	924' 7"
Sandy shale	3' 8"	928' 3"
Sandy shale grading to sandstone	2' 2"	930' 5"
Sandstone & sandy shale, one coal marking 1/8"	7' 4"	937' 9"
Shale	1' 3"	939' 0"
Sandy shale	4' 7"	943' 7"
Shale	4' 6"	948' 1"
Sandy shale and sandstone	5' 6"	953' 7"
Sandstone (medium)	10' 0"	963' 7"
Sandstone (medium-coarse)	8' 6"	972' 1"
Sandstone with few pebbles 1/2" x 1"	3' 0"	975' 1"
Sandstone. Few pieces shale breccia	11' 3"	986' 4"
Sandstone. Many peices shale breccia. Few pebbles	0' 3"	986' 7"
Sandstone with many small pebbles	7' 0"	993' 7"
Shale and coal	0' 1/2"	993' 7 1/2"
Sandstone with many small pebbles	0' 5 1/2"	994' 1"
Sandstone	4' 0"	998' 1"
Sandstone with many rounded shale fragments	1' 1"	999' 2"
Sandstone. Few pebbles 1/2" x 1"	0' 3"	999' 5"
Sandstone	12' 10"	1012' 3"
Sandstone. Few tiny coal markings	0' 5"	1012' 8"
Conglomerate	1' 3"	1013' 11"
Sandy shale	0' 9"	1014' 8"
Shale. Coal markings 1/2"	0' 4"	1015' 0"
Sandy shale and sandstone	2' 0"	1017' 0"
Shale	2' 6"	1019' 6"
Sandstone and sandy shale, laminated	1' 8"	1021' 2"
Shale	0' 7"	1021' 9"
Bony coal	0' 2 1/2"	1021' 11 1/2"
Shale, some sand grains	0' 9"	1022' 8 1/2"
Bony coal	0' 1 1/2"	1022' 10"
Sandy shale & sandstone. Many thin coal markings	2' 4"	1025' 2"
Sandstone	2' 6"	1027' 8"
Sandy shale and shale	1' 11"	1029' 7"
Sandstone & sandy shale, laminations	4' 0"	1033' 7"
Shale	0' 11"	1034' 6"
Coal. Slight bone throughout	2' 3"	1036' 9"
Shale, sandy shale OKN	0' 7"	1037' 4"
Sandy shale with laminated sandstone	7' 6"	1044' 10"
Sandstone, laminated sandy shale	1' 5"	1046' 3"
Sandstone, faintly laminated	15' 0"	1064' 3"
Sandstone with much laminated shale	1' 0"	1065' 3"
Shale, faintly laminated. Few coal markings	3' 5"	1068' 8"
Shale and coal	0' 4"	1069' 0"
Sandstone	0' 1"	1069' 1"
Bone with thin streaks of coal	1' 6"	1070' 7"
Coal	1' 0"	1071' 7"
Bone with thin streaks of coal	1' 0"	1072' 7"
Shale. thin coal markings	0' 8"	1073' 3"

	Thickness	Depth
Sandy shale, well laminated	4' 10"	1078' 1"
Sandstone, few thin coal marks	1' 6"	1079' 7"
Bony shale, few lenses coal	0' 3"	1079' 10"
Shale	3' 6"	1083' 4"
Sandy shale and sandstone	2' 0"	1085' 4"
Bony-coal	0' 4"	1085' 8"
Bony shale	1' 3"	1086' 11"
Shale	1' 3"	1088' 2"
Sandstone-and sandy shale	3' 4"	1091' 6"
Shale. Several coal markings to 1/2"	1' 1"	1092' 7"
Coal	0' 4"	1092' 11"
Bony coal and shale	0' 3"	1093' 2"
Shale. Few coal markings to 1/2"	1' 5"	1094' 7"
Coal. Slight bone	3' 6"	1098' 1"
Shale and bone	1' 0"	1099' 1"
Bony coal	0' 6"	1099' 7"
Shale with coal markings	1' 6"	1101' 1"
Sandy shale and well laminated sandstone	8' 1"	1109' 2"
Sandstone with shale streaks	15' 0"	1124' 2"
Shale. 35% coal in lenses to 1/2"	0' 10"	1125' 0"
Coal	0' 6"	1125' 6"
Coal and shale	0' 2"	1125' 8"
Coal	0' 7"	1126' 3"
Coal, some bone, sandy shale	0' 6"	1126' 9"
Shale. 10% coal in thin lenses	0' 3"	1127' 0"
Shale and coal (35% coal)	1' 5"	1128' 5"
Shale with sandstone streaks-	18' 0"	1146' 5"
Coal	0' 5"	1146' 10"
Shale with sandstone streaks	2' 7"	1149' 5"
Coal	1' 0"	1150' 5"
Shale with many coal markings 1/8"	5' 0"	1155' 5"
Coal with streaks of pyrite	0' 8"	1156' 1"
Sandy shale and sandstone	6' 6"	1162' 7"
Bone with 25% coal	0' 5"	1163' 0"
Shale and coal (20% coal)	0' 4"	1163' 4"
Bone with 35% coal	0' 8"	1164' 0"
Shale	1' 0"	1165' 0"
Speckled sandy shale and sandstone	2' 6"	1167' 6"
Sandstone	0' 8"	1168' 3"
Sandy shale and sandstone	6' 3"	1174' 5"
Sandstone with shaly blotches	6' 0"	1180' 5"
Shale	1' 0"	1181' 5"
Sandstone with scattered pebbles	13' 0"	1194' 5"
Sandstone and laminated sandy shale	1' 8"	1196' 1"
Sandstone	6' 0"	1202' 1"
Conglomerate. Pebbles 1" x 3/8"	2' 1"	1204' 2"
Sandstone with fine conglomerate	2' 8"	1206' 10"
Coalic sandstone grading to fine conglomerate	3' 6"	1210' 4"
Conglomerate pebbles to 1" subangular	3' 6"	1213' 10"
Sandstone (coarse)	6' 2"	1220' 0"
Sandstone (medium-fine)	15' 5"	1235' 5"

Bore Hole No. 12 cont'd

	<u>Thickness</u>	<u>Depth</u>
Conglomerate	3' 4"	1238' 9"
Sandy shale and sandstone	4' 6"	1243' 3"
Shale with few coal markings $\frac{1}{2}$ "	0' 8"	1243' 11"
Sandy shale	0' 6"	1244' 5"
Shale with a few thin plant remains	0' 4"	1244' 9"
Shale. Several coal markings $\frac{1}{2}$ " - $\frac{1}{2}$ "	1' 0"	1245' 9"
Sandy shale	4' 3"	1250' 0"
Shale	1' 6"	1251' 6"
Bony shale and 15% coal	0' 4"	1251' 10"
Shale with several thin bony layers containing coal marks to $\frac{1}{2}$ "	5' 5"	1257' 3"
Shale with few bony layers	4' 0"	1261' 3"
Shale. Few coal markings $\frac{1}{2}$ " bony layers	6' 0"	1267' 3"
Sandy shale	1' 0"	1268' 3"
Sandstone with intermingled shale	0' 10"	1269' 1"
Coal. Some bone, calcite	0' 3"	1269' 4"
Shale and coal (40% coal)	0' 5"	1269' 9"
Shale. Few coal markings	6' 6"	1276' 3"
Sandy shale (blotchy)	4' 0"	1280' 3"
Sandy shale (red)	34' 8"	1314' 11"
Sandy shale (grey)	5' 0"	1319' 11"
Sandstone with pebbles ($\frac{1}{2}$ " x $\frac{1}{2}$ "), scattered more or less in layers	2' 4"	1322' 3"
Conglomerate (pebbles rounded 1") in sandstone.	32' 0"	1354' 3"

CAMPBELL RIVER AREA

Bore Hole No. 14

Elevation: 341'

Depth: 959' 6"

Location: Campbell River

	Thickness	Depth
Overburden	90' 3"	90' 3"
Sandstone. Few shale specks and blebs	46' 9"	137' 0"
Sandstone	10' 2"	147' 2"
Sandstone. Shale specks	2' 5"	149' 7"
Sandstone	7' 5"	157' 0"
Shale	0' 3"	157' 3"
Sandstone with scattered shale blebs	1' 5"	158' 8"
Sandstone	4' 0"	162' 8"
Sandstone (cross-bedded)	7' 5"	170' 1"
Sandstone	0' 11"	171' 0"
Sandstone, shale specks	5' 0"	176' 0"
Sandstone	14' 0"	190' 0"
Sandstone. Shale specks and blebs	19' 6"	209' 6"
Shale	3' 0"	212' 6"
Sandstone. Few shale fragments	3' 0"	215' 6"
Shale	0' 6"	216' 0"
Sandstone	2' 0"	218' 0"
Shale, faintly sandy	1' 0" 0"	228' 0"
Shale	2' 8"	230' 8"
Sandstone	11' 3"	241' 1" 1"
Sandstone	3' 5"	245' 4"
Shale	0' 2"	245' 6"
Sandstone	12' 4"	257' 10"
Sandstone	6' 0"	263' 10"
Sandy shale. Many sandstone laminations. Few thin coal marks	10' 6"	274' 4"
Sandy shale with sandstone laminations	6' 0"	280' 4"
Sandstone	2' 0"	282' 4"
Sandstone. Few laminations of shale specks	17' 6"	299' 10"
Sandstone	3' 2"	303' 0"
Sandstone	4' 0"	307' 0"
Shale	0' 9"	307' 9"
Sandstone	2' 3"	310' 0"
Shale	11' 0"	321' 0"
Sandstone	1' 0"	322' 0"
Sandy shale	1' 0"	333' 0"
Sandstone and sandy shale	5' 6"	338' 6"

Bore Hole No. 14 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandstone with laminations of sandy shale	4' 0"	332' 6"
Sandstone. Well laminated with sandy shale	0' 3"	332' 9"
Sandstone	8' 6"	341' 3"
Sandstone with scattered shale pebbles 3/4" x 1/2" One coal mark 3/8" x 1 1/2". One band of sandy shale	0' 5"	341' 8"
Sandstone	7' 2"	348' 10"
Shale	1' 8"	350' 6"
Sandstone	1' 6"	352' 0"
Shale. Few coal markings	2' 0"	354' 0"
Sandstone	2' 8"	356' 8"
Shale	3' 0"	359' 8"
Shale	4' 9"	364' 5"
Sandstone laminated with sandy shale	2' 3"	366' 8"
Sandstone	30' 0"	396' 8"
Sandstone	6' 0"	402' 8"
Shale	0' 11"	403' 7"
Sandy shale	0' 7"	404' 2"
Sandstone	2' 3"	406' 5"
Sandstone. Many calcite filled fractures 1/2"	3' 7"	410' 0"
Sandstone	8' 0"	418' 0"
Sandy shale	2' 6"	420' 6"
Shale	0' 6"	421' 0"
Sandstone. Laminated with sandy shale	6' 0"	427' 0"
Sandstone	24' 0"	451' 0"
Sandstone with many scattered pebbles xtalline Also 1/2" shale blebs	3' 0"	454' 0"
Sandstone. Few pebbles to 3/4" x 2"	6' 7"	460' 7"
Sandstone. Few bands of fine conglomerate	2' 6"	463' 1"
Sandstone. Few shale fragments 1/8" x 1/2"	3' 3"	466' 4"
Shale, slightly sandy	1' 1"	467' 5"
Sandy shale	16' 9"	484' 2"
Sandy shale	3' 10"	488' 0"
Sandy shale with many coal markings to 1/8" thick	0' 10"	488' 10"
Sandy shale	1' 6"	489' 4"
Sandstone	2' 2"	491' 6"
Shale	0' 6"	492' 0"
Sandy shale with thin sandy streaks	0' 10"	492' 10"
Sandy shale	1' 6"	493' 4"
Sandy shale	11' 1"	504' 5"
Sandstone. Several bands of boulders 1 1/2" Ø scattered throughout	12' 0"	516' 5"
Sandstone	5' 0"	521' 5"
Conglomerate. Boulders average 2" Ø	16' 4"	537' 9"
Sandstone with a few pebbles	1' 3"	539' 0"
Conglomerate, boulders 2" Ø. Last 8" gritty sandstone	3' 6"	542' 6"
Sandy shale (grey)	1' 0"	543' 6"
Sandy shale (red)	8' 6"	552' 0"
Sandy shale (grey)	0' 5"	552' 5"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale (red)	1' 0"	553' 5"
Sandstone with intermixed shale	3' 6"	556' 11"
Conglomerate. Pebbles over 1" Ø	4' 1"	561' 0"
Conglomerate. Pebbles over ½" Ø scattered. Much shale in ground mass	10' 0"	571' 0"
Shale	2' 6"	573' 6"
Coal (poor recovery)	2' 4"	575' 10"
Shale with coal markings	0' 4"	576' 2"
Shale. Few coal markings	2' 6"	578' 8"
Sandy shale. Laminated with sandstone	9' 4"	588' 0"
Shale and sandy shale.	14' 0"	602' 0"
Sandy shale. Laminated with sandstone	0' 5"	602' 5"
Bone	0' 1"	602' 6"
Coal (fair recovery)	1' 6"	604' 0"
Shale. Many thin coal markings	0' 4"	604' 4"
Sandy shale. Coal marks to ½" thick	3' 8"	608' 0"
Sandy shale	8' 0"	616' 0"
Sandy shale with a few bands of sandstone	10' 0"	626' 0"
Sandy shale. Numerous coal marks to 1/16"	5' 10"	631' 10"
Coal (poor recovery)	1' 0"	632' 10"
Sandy shale	5' 10"	638' 8"
Sandy shale	6' 1"	644' 9"
Sandy shale (red)	1' 3"	646' 0"
Sandy shale. (prey)	6' 0"	652' 0"
Sandstone(very fine grained)	2' 0"	654' 0"
Sandstone (very coarse)	12' 0"	666' 0"
Sandy shale. Few tiny coal markings	0' 6"	666' 6"
Sandstone (very coarse). Few shale fragments and streaks scattered throughout.	20' 6"	687' 0"
Conglomerate	15' 0"	702' 0"
Sandstone with bands of sandy shale	10' 0"	712' 0"
Sandy shale with some bands of shale	10' 0"	722' 0"
Sandy shale	16' 0"	738' 0"
Sandstone	15' 0"	753' 0"
Sands&G with bands of conglomerate, scant shale streaks and fragments	35' 0"	788' 0"
Sands&e & sandy shale. Slight conglomerate	10' 0"	798' 0"
Sandstone(coarse) with laminations of fine-grained sandstone & conglomerate in sandy shale	20' 0"	818' 0"
Sandy shale	3' 0"	821' 0"
Sandstone with shale mixed throughout. Few coal marks and shale lenses	3' 0"	824' 0"
Sandy shale and sandstone	4' 0"	828' 0"
Sandstone mixed with shale	12' 0"	840' 0"
Conglomerate	5' 0"	845' 0"
Sandstone	10' 0"	855' 0"
Conglomerate. Pebbles average 3/8" new bands of sandy shale	11' 0"	866' 0"
Sandy shale	12' 3"	878' 3"

	<u>Thickness</u>	<u>Depth</u>
Sandstone with shale fragments	0' 9"	879' 0"
Sandy shale	5' 0"	884' 0"
Sandstone. Few coal lenses 1/8" thick	1' 6"	885' 6"
Conglomerate. Pebbles average 1" Ø nearly all trap	23' 0"	908' 6"
Sandy shale (red)	12' 0"	920' 6"
Sandy shale	1' 0"	921' 6"
Conglomerate	8' 0"	929' 6"
Sandy shale (red)	4' 0"	933' 6"
Sandy shale	18' 0"	951' 6"
Sandy shale (red)	5' 0"	956' 6"
Conglomerate	3' 0"	959' 6"

CAMPBELL RIVER AREA

Bore Hole No. 16

Elevation: 351'

Depth: 1251' 4"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Sand and clay	16' 0"	16' 0"
Sand and clay with bands of gravel	14' 0"	30' 0"
Clay	34' 0"	64' 0"
Gravel	1' 0"	65' 0"
Clay with bands of gravel	9' 0"	74' 0"
Boulder	1' 0"	75' 0"
Gravel & boulders (clay?) (till)	2' 0"	77' 0"
Nest of boulders in gravel (clay?) (till)	10' 0"	87' 0"
Gravel and boulders (clay?) (till)	37' 0"	124' 0"
Clay with bands of gravel & boulders	50' 0"	174' 0"
Sand and gravel in clay	22' 0"	196' 0"
Sandstone	4' 0"	200' 0"
Sandstone	15' 0"	215' 0"
Shale	14' 0"	229' 0"
Sandy shale, laminated with sandstone	2' 0"	231' 0"
Shale, slightly sandy	3' 0"	234' 0"
Sandstone. Few thin coal marks	1' 0"	235' 0"
Sandy shale, Few coal markings	5' 0"	240' 0"
Sandstone with a few shale fragments	7' 0"	247' 0"
Sandy shale with sandstone laminations	11' 0"	258' 0"
Sandstone	7' 0"	265' 0"
Sandstone and sandy shale	5' 0"	270' 0"
Shale	7' 0"	277' 0"
Shale with coal markings	1' 6"	278' 6"
Coal	0' 2"	278' 8"
Shale with coal	0' 4"	279' 0"
Coal	0' 2"	279' 2"
Shale	2' 0"	281' 2"
Coal	0' 2"	281' 4"
Shale with coal markings	1' 8"	283' 0"
Shale	3' 0"	286' 0"
Sandstone	2' 0"	288' 0"
Shale	2' 0"	290' 0"
Sandy shale	7' 0"	297' 0"
Shale	9' 0"	306' 0"
Sandstone	19' 6"	325' 6"
Sandstone, laminated with sandy shale	1' 3"	326' 9"
Sandstone with interlaminated shale	5' 3"	332' 0"
Shale. Few coal markings	8' 0"	340' 0"
Sandstone	6' 0"	346' 0"

	Thickness	Depth
Shale	2' 0"	348' 0"
Sandstone	11' 0"	359' 0"
Shale	3' 6"	362' 6"
Sandstone	1' 6"	364' 0"
Shale	3' 0"	367' 0"
Shale	2' 0"	369' 0"
Sandstone	6' 0"	375' 0"
Shale	1' 0"	376' 0"
Sandy shale	2' 0"	378' 0"
Sandstone	18' 0"	396' 0"
Sandstone. Few shale fragments 3/8" Ø	23' 0"	419' 0"
Sandstone	7' 0"	426' 0"
Sandy shale	5' 0"	431' 0"
Shale	6' 0"	437' 0"
Sandy shale	1' 0"	438' 0"
Shale	3' 0"	441' 0"
Sandstone, slight sandy shale	3' 0"	444' 0"
Shale	9' 0"	453' 0"
Sandstone	6' 0"	459' 0"
Sandstone, Few shale fragments	36' 0"	495' 0"
Shale	2' 0"	497' 0"
Coal with shale	0' 2"	497' 2"
Shale	3' 6"	500' 8"
Shale with thin beds of sandstone	1' 0"	501' 8"
Sandy shale	4' 4"	506' 0"
Sandstone	2' 0"	508' 0"
Sandstone	33' 0"	541' 0"
Sandstone	8' 0"	549' 0"
Sandstone. Few shale fragments	12' 6"	561' 6"
Conglomerate with 30% shale fragments.	1' 0"	562' 6"
Sandstone	4' 0"	566' 6"
Sandstone	5' 6"	572' 0"
Sandstone	14' 8"	586' 8"
Sandstone	0' 10"	587' 6"
Sandstone	4' 6"	592' 0"
Sandstone. Few shale fragments	65' 6"	657' 6"
Sandstone	1' 6"	659' 0"
Sandstone with numerous small shale fragments	19' 6"	678' 6"
Shale	0' 6"	679' 0"
Sandstone	21' 4"	700' 4"
Shale, slightly sandy	3' 0"	704' 1"
Sandstone. Few shale fragments	27' 7"	731' 8"
Sandstone. Many shale laminations	3' 0"	734' 8"
Shale. Few scattered coal marks	7' 10"	742' 6"
Calcite-coal. 75% calcite in thin veinlets	0' 1"	742' 7"
Shale	14' 5"	757' 0"
Sandy shale with interbedded sandstone	12' 6"	769' 6"
Sandstone	8' 8"	778' 2"
Shale, very few coal markings	1' 0"	779' 2"
Shale with coal markings	0' 10"	780' 0"

Bore Hole No. 16 cont'd

	<u>Thickness</u>	<u>Depth</u>
Shale, faintly sandy	2' 3"	782' 3"
Sandy shale with beds of sandstone	4' 0"	786' 3"
Sandstone	1' 9"	788' 0"
Sandy shale	0' 5"	788' 5"
Sandstone with shale fragments	17' 0"	805' 5"
Sandstone	8' 7"	814' 0"
Sandstone with scattered xtalling pebbles 3/8"Ø	10" 0"	824' 0"
Same as above with large shale fragments and one coal mark 1/2"	0' 8"	824' 8"
Sandstone	7' 0"	831' 8"
Conglomerate with 15% pebbles xtalline rocks to 1"Ø	5' 0"	836' 8"
Sandstone	13' 4"	850' 0"
Sandstone with shale pebbles	28' 8"	878' 8"
Shale	10' 0"	888' 8"
Shale, slightly sandy	1' 8"	890' 4"
Sandy shale becoming quite sandy	3' 6"	893' 10"
Sandstone	21' 4"	915' 2"
Shale	2' 0"	917' 2"
Sandstone with laminated sandy shale	2' 4"	919' 6"
Shale (begin driller)	14' 6"	934' 0"
Sandstone	9' 0"	943' 0"
Sandy shale	2' 0"	945' 0"
Shale	6' 0"	951' 0"
Sandy shale	3' 0"	954' 0"
Sandstone	34' 0"	988' 0"
Shale and sandstone	1' 0"	989' 0"
Sandstone	11' 0"	1000' 0"
Shale	2' 0"	1002' 0"
Sandy shale	2' 0"	1004' 0"
Shale with sandstone structures	5' 0"	1009' 0"
Shale	4' 0"	1013' 0"
Sandy shale	6' 0"	1019' 0"
Sandstone with shale structures	4' 0"	1023' 0"
Sandstone	28' 0"	1051' 0"
Shale	2' 0"	1053' 0"
Sandy shale	2' 0"	1055' 0"
Sandstone	2' 0"	1057' 0"
Sandstone with shale structures	11' 0"	1063' 0"
Shale	0' 6"	1063' 6"
Sandy shale	4' 6"	1068' 0"
Sandy shale with bands of sandstone	4' 0"	1072' 0"
Sandstone	5' 0"	1077' 0"
Shale	9' 6"	1086' 6"
Shale with sandstone structures	2' 0"	1088' 6"
Sandstone	44' 6"	1133' 0"
Shale	5' 6"	1138' 6"
Sandstone	18' 0"	1156' 6"
Shale	6' 6"	1163' 0"

Bore Hole No. 16 cont'd

	<u>Thickness</u>	<u>Depth</u>	
Shale	6'	0"	1169' 0"
Sandstone	1'	6"	1170' 6"
Shale	9'	6"	1180' 0"
Sandstone'	1'	0"	1181' 0"
Shale with sandstone structures	9'	0"	1190' 0"
Sandstone with shale structures	5'	0"	1195' 0"
Conglomerate	1'	0"	1196' 0"
Shale	2'	0"	1 1 9 8' 0"
Altered (decomposed) trap	14'	0"	1212' 0"
Trap	39'	4"	1251' 4"

CAMPBELL RIVER AREA

Bore Hole No. 17

Elevation: 376'

Depth: 598' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	3' 0"	3' 0"
Sandstone	30' 0"	33' 0"
Sandy shale	2' 0"	35' 0"
Shale	6' 6"	41' 6"
Shale, faintly sandy	1' 6"	43' 0"
Shale	2' 0"	45' 0"
Sandy shale	1' 4"	46' 4"
Shale	2' 8"	49' 0"
Sandstone	16' 0"	65' 0"
Sandstone (broken)	5' 0"	70' 0"
Sandstone	12' 0"	82' 0"
Sandstone with a few rounded shale fragments	3' 0"	85' 0"
Sandy shale with a few coal markings and sandstone laminationa	8' 0"	93' 0"
Sandstone and sandy shale	39' 0"	132' 0"
Sandy shale	0' 3"	132' 3"
Sandstone with numerous small shale fragments	5' 0"	137' 3"
Sandy shale (grey)	8' 9"	145' 0"
Sandy shale (red)	3' 0"	149' 0"
Sandy shale (grey)	1' 8"	150' 8"
Sandstone with a few scattered xtalline pebbles 3/4" Ø in th top 20'	39' 4"	190' 0"
Sandy shale	12' 0"	202' 0"
Sandy shale (red)	10' 6"	212' 6"
Sandy shale grading to sandstone	2' 0"	214' 6"
Sandy shale	9' 0"	223' 6"
Sandstone with broad bands of sandy-share	3' 5"	227' 0"
Sands tone	5' 6"	232' 6"
Sandstone with coal markings	2' 6"	235' 0"
Sandstone (white)	2' 3"	237' 3"
Sandstone (grey)	2' 0"	239' 3"
Sandstone. Top 1" with many xtalline pebbles 1/2" Ø	-3' 0"	242' 3"
Conglomerate. Cobbles maximum 3" Ø	17' 9"	260' 0"
Sandstone with scattered xtalline pebbles' to 1" 0	11' 0"	271' 0"
Sandy shale	0' 8"	271' 8"
Bony shale	0' 2"	271' 10"
Bony coal	0' 6"	272' 4"
Sandy shale. Several 1/2" coal marks	2' 6"	274' 10"
Shale	2' 0"	276' 10"

Bore Bole No. 17 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandy shale becoming sandstone	3' 10"	280' 8"
Sandstone	12' 0"	292' 8"
Shale with numerous small coal marks	1' 10"	294' 6"
Sandstone thinly laminated with sandy shale	44' 9"	339' 3"
Coal with some sulfur bands & calcite streaks. Otherwise good.	1' 1"	340' 4"
Shale with 3/8" coal markings	1' 0"	341' 4"
Coal with a few 1/8" shale & sulfur lenses	0' 6"	341' 10"
Sandy shale. Top 5' contains numerous coal marks to 3/8"	8' 2"	350' 0"
Sandstone, well laminated with sandy shale and V.F.G. sandstone	4' 4"	354' 4"
Sandy shale with increasing amounts of coal lenses. Last 1" bony coal	1' 8"	356' 0"
Shale. Many small coal markings	0' 8"	356' 8"
Sandstone laminated with sandy shale. Few small coal markings	1' 3"	357' 11"
Shale with many small coal markings. Few 1/2" x 2" Coal markings	2' 7"	360' 6"
Coal (bony on top and bottom)	1' 2"	361' 8"
Bony shale	1' 2"	362' 10"
Sandy shale with sandstone laminations. Several 1/2" coal lenses. Many thin coal markings	10' 0"	372' 10"
Shale and coal	0' 2"	373' 0"
Coal	1' 2"	374' 2"
Coal and shale	0' 6"	374' 8"
Coal	2' 0"	376' 8"
Shale and coal	0' 4"	377' 0"
Coal	2' 10"	379' 10"
Shale and coal	0' 2"	380' 0"
Sandstone laminated with sandy shale. Few 1" coal lenses	5' 6"	385' 6"
Sandstone	8' 6"	394' 0"
Sandstone with a few thin laminations of sandy shale	29' 6"	423' 6"
Conglomerate	3' 0"	426' 6"
Sandstone	5' 6"	432' 0"
Conglomerate	1' 0"	433' 0"
Sandy shale grading to sandstone	1' 0"	434' 0"
Sandstone	2' 0"	436' 0"
Sandstone with bands of conglomerate	58' 0"	494' 0"
Conglomerate	2' 0"	496' 0"
Sandstone	2' 0"	498' 0"
Conglomerate in a sandy shale matrix	4' 0"	502' 0"
Sandy shale	12' 0"	514' 0"
Conglomerate in a sandy shale matrix	1' 6"	515' 6"
Sandy shale	1' 6"	517' 0"
Conglomerate in a sandy shale matrix	2' 0"	519' 0"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale	4' 6"	523' 6"
Conglomerate in a sandy matrix	1' 6"	525' 0"
Sandy shale	1' 0"	526' 0"
Conglomerate in a sandy matrix	0' 6"	526' 6"
Sandy shale (red)	13' 6"	540' 0"
Sandy shale (grey)	1' 0"	541' 0"
Sandy shale (red)	2' 6"	543' 6"
Conglomerate in a shale matrix	3' 0"	546' 6"
Sandy shale	1' 6"	548' 0"
Conglomerate in a sandy shale matrix	0' 6"	548' 6"
Sandy shale	1' 0"	549' 6"
Conglomerate in a sandy shale matrix	7' 6"	557' 0"
Sandy shale	2' 0"	559' 0"
Trap conglomerate	4' 0"	563' 0"
Sandy shale with a few pebbles & coal marks	4' 0"	567' 0"
Trap conglomerate	3' 0"	570' 0"
Shale	6' 0"	576' 0"
Trap conglomerate	22' 0"	598' 0"

CAMPBELL RIVER AREA

Bore **Hole No. 18**

Elevation: 396' **Depth:** 409' 0"

Location: Campbell **River**

	<u>Thickness</u>	<u>Depth</u>
Overburden	66' 0"	66' 0"
Sandstone	5' 0"	71' 0"
Sandstone with scattered xtalline pebbles to 1/2" Ø	8' 0"	-79' 0"
Conglomerate. Pebbles to 3" Ø	6' 0"	85' 0"
Sandstone with coal markings	1' 6"	86' 6"
Conglomerate. Pebbles to 3" Ø	6' 6"	93' 0"
Sandstone with scattered pebbles to 3/4" Ø	13' 4"	106' 4"
Sandy shale (grey)	1' 1"	207' 5"
Sandy shale (red)	2' 6"	109' 11"
Shale becoming sandy	3' 0"	112' 11"
Sandy shale & sandstone. Few coal markings	2' 7"	115' 6"
Shale	4' 6"	120' 0"
Laminated sandstone & sandy shale	4' 0"	124' 0"
Conglomerate. Pebbles average 1" Ø, maximum 5" Ø in sandstone	28' 9"	152' 9"
Sandy shale, with thin coal markings	0' 9"	153' 6"
Coal	1' 0"	154' 6"
Shale and coal	0' 6"	155' 0"
Coal	0' 6"	155' 6"
Shale and coal	0' 6"	156' 0"
Shale with coal-markings	3' 0"	159' 0"
Shale with coal markings	0' 3"	159' 3"
Shale and coal	0' 6"	159' 9"
Coal	0' 6"	160' 3"
Shale and coal	0' 9"	151' 0"
Shale with coal markings	0' 6"	161' 6"
Shale	0' 11"	162' 5"
Coal	1' 4"	163' 9"
Shale with coal markings	0' 2"	163' 11"
Shale	2' 3"	166' 2"
Coal	1' 2"	167' 4"
Shale	0' 4"	167' 8"
Coal	0' 2"	167' 10"
Shale with coal markings	3' 6"	171' 4"
Sandy shale with laminations of sandstone	18' a"	190' 0"
Shale and bony shale with coal lenses	0' 6"	190' 6"
Sandy shale with heavy coal marks in th last 12"	6' 8"	197' 2"

	Thickness	Depth
Coal-	0' 4"	197' 6"
Coal in thin bony bands	0' 4"	197' 10"
Sandy shale with many coal markings	0' 8"	198' 6"
Sandy shale with numerous coal markings 1/8"	12' 6"	211' 0"
Coal	2' 0"	213' 0"
Shale	0' 4"	213' 4"
Shale (brown)	0' 2"	213' 6"
Shale	0' 3"	213' 9"
coal	3' 8"	217' 5"
Shale and coal	0' 10"	218' 3"
Laminated sandstone & sandy shale	4' 3"	222' 6"
Sandstone with a few shale blebs and very thin coal markings --	6' 0"	226' 6"
Sandy shale (grey)	11' 0"	238' 6"
Sandy shale (red)	22' 0"	260' 6"
Sandy shale (grey)	6' 0"	266' 6"
Sandstone and sandy shale	9' 0"	275' 6"
Sandstone	5' 6"	281' 0"
Conglomerate. (quartz grains, maximum 3/8" - 3/4" in sandstone)	16' 0"	297' 0"
Conglomerate. (coarser and more pebbles than above)	3' 0"	300' 0"
Conglomerate (as next above). Subangular pebbles 1/2" Ø	7' 0"	307' 0"
Coarse conglomerate (as next above)	0' 2"	307' 2"
Shaly conglomerate. 15% angular. Quartz pebbles in sandy shale	1' 10"	309' 0"
Conglomerate (similar to above) angular 1" Ø pebbles with a few shaly bands. One coal mark 1/8"	5' 0"	314' 0"
Sandy shale speckled with quartz	4' 6"	318' 6"
Trap conglomerate. Subangular, Trap cobbles- maximum 8" Ø, average 2" Ø with ground mass showing & all amounts of sandy shale. Carbonate rings-around many of the cobbles 1/8" thick. Few thin hands of shale. No coal marks	88' 6"	407' 0"
Trap (?)	2' 0"	409' 0"

CAMPBELL RIVER AREA

Bore Hole No.19

Elevation: 398'

Depth: 226' 0"

Location : Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	52' 0"	52' 0"
Sandy shale with bands of sandstone	6' 8"	58' 8"
Sandy shale with coal markings	1' 0"	59' 8"
Sandy shale with bands of sandstone	1' 6"	61' 2"
Sandstone, Few thin coal markings	4' 0"	65' 2"
Sandstone and sandy shale	3' 2"	68' 4"
Sandy shale with bands of sandstone	12' 4"	80' 8"
Sandstone. Some sandy shale & coal markings	0' 4"	81' 0"
Coal	- 0' 6"	81' 6"
Sandy shale laminated with sandstone	6' 0"	87' 6"
Conglomerate	3' 6"	91' 0"
Conglomerate. Some small shale lens&, few tiny coal marks	21' 0"	112' 0"
Sandy shale (grey)	13' 0"	125' 0"
Sandy shale (red)	11' 6"	136' 6"
Sandy shale (grey)	10' 3"	146' 9"
Sandstone	10' 2"	156' 11"
Sandstone. Few scattered pebbles	1' 8"	158' 7"
Conglomerate. Nearly all subangular trap pebbles to 3" Ø. Averaging 1" Ø	5' 8"	164' 3"
As above with several 12" bands of sandy shale	18' 9"	183' 0"
Altered trap with hematite bands and thin calcite stringers	10' 0"	193' 0"
Altered trap	3' 6"	196' 6"
Altered trap. Boulders show deep weathering	17' 6"	214' 0"
Trap. Hematite replacement at two shear zones.		
Native copper from 203' - 227'	12' 0"	226' 0"

CAMPBELL RIVER AREA

Bore Hole No. 20

Elevation: 370'

Depth: 178' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Sand	169' 0"	169' 0"
Trap (somewhat altered)	3' 0"	172' 0"
Trap (unaltered)	6' 0"	178' 0"

CAMPBELL RIVER AREA

Bore Hole No. 21

Elevation: 408'

Depth: 194' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Broken & weathered conglomerate cobbles to 3" in diameter	23' 0"	23' 0"
Medium sandstone white, laminated with shale- and coarse sandstone, few small coal marks	7' 0"	30' 0"
Dark sandy shale with many thin lenses of fine white sandstone	12' 0"	42' 0"
Medium sandstone white, with blotchy laminae of shale	0' 7"	42' 7"
Shale, faintly sandy, with faint brown streaks and coal-marks	2' 0"	44' 7"
Dark bandy shale with thin laminae or lenses of fine white Sandstone	17' 9"	62' 4"
Dark sandy shale with few thin bands yellowish-brown very fine grain sandstone 10'	8"	73' 0"
Medium-coarse white sandstone. Few shale fragments, coal marks	9' 7"	82' 7"
Dark sandy shale with bands of yellow, very fine grain sandstone	9' 9"	92' 4"
Shale and coal	0' 4"	92' 8"
Coal	0' 4"	93' 0"
Shale with coal marks	0' 8"	93' 8"
Coal	0' 5"	94' 1"
Brown shale and coal	0' 10"	94' 11"
Coal	0' 2"	95' 1"
Shale and coal	0' 2"	95' 3"
Coal	1' 6"	96' 9"
Shale and coal	0' 4"	97' 1"
Ltght grey sandy shale; few thin lenses of white fine grain sandstone	6' 1"	103' 2"
Medium sandstone with laminae of dark sandy shale	5' 5"	108' 7"
Very coarse white sandstone 11' 5"		120' 0"
Fine white conglomerate with a few rounded shale fragments	13' 0"	133' 0"
Sandy shale, grey	10' 4"	143' 4"
Sandy shale, maroon	4' 4"	147' 8"
Grey sandy shale becoming speckled and grading to grey medium sandstone with shale	2' 0"	149' 8"
Conglomerate. white, fine	3' 6"	153' 2"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale medium	5' 2"	158' 4"
Sandy shale, grey	5' 1"	163' 5"
Bony coal	0' 2"	163' 7"
Shale with coal marks	0' 2"	163' 9"
Grey shale, faintly sandy	0' 6"	164' 3"
Bone with thin lenticles of coal	0' 3"	164' 6"
Sheared shale with few coal marks	2' 5"	166' 11"
Coarse white sandstone.	10' 8"	177' 7"
Sandy shale, red, speckled	2' 10"	180' 5"
Coarse conglomerate cobbles trap to 3" in diameter in red sandy shale matrix	13' 7"	194' 0"

CAMPBELL RIVER AREA

Bore Hole No. 22

Elevation: 370'

Depth: 475' 6"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	142' 0"	142' 0"
Sandstone, becoming laminated	6' 6"	148' 6"
Sandstone with scattered crystalline pebbles to 2" Ø	15' 6"	165' 0"
Sandy shale	10' 0"	175' 0"
Sandstone (fine becoming medium)	2' 0"	177' 0"
Sandstone (medium becoming coarse)	5' 0"	182' 0"
Conglomerate. Pebbles to 2" Ø	35' 0"	217' 0"
Shale with much coaly matter	0' 11"	217' 11"
Coal and shale	0' 10"	218' 9"
Shale with coal markings	0' 6"	219' 3"
Coal	0' 8"	219' 11"
Shale and coal	0' 6"	220' 5"
Shale	1' 2"	221' 7"
Coal and shale	0' 5"	222' 0"
Shale with coal markings	4' 0"	226' 0"
Coal	1' 0"	227' 0"
Shale with coal markings and bands of coal to 4" thick	5' 2"	232' 2"
Shale	2' 10"	235' 0"
Coal	1' 0"	236' 0"
Shale and coal	0' 6"	236' 6"
Coal	1' 0"	237' 6"
Shale	8' 10"	346' 4"
Coal and shale	0' 5"	346' 9"
Shale with coal markings on the top and bottom portions	3' 6"	350' 3"
Coal	0' 6"	350' 9"
Shale with coal markings on the top & bottom portions	5' 3"	356' 0"
Coal	0' 6"	356' 6"
Shale	3' 6"	360' 0"
Sandstone with shale streaks	7' 0"	367' 0"
Coarse sandstone verging on conglomerate with a few thin shale bands	42' 0"	409' 0"
Sandy shale with blotches of sandstone	3' 4"	412' 4"
Sandy shale (red)	1' 9"	414' 1"
Sandy shale (grey)	2' 5"	416' 6"
Sandy shale (red)	0' 9"	417' 3"
Sandy shale (grey)	1' 3"	418' 6"
Sandy shale (red)	25' 4"	443' 10"
Sandy shale (red and grey)	6' 10"	450' 8"

Bore Hole No. 22 cont'd

	<u>Thickness</u>	<u>Depth</u>
Sandy shale (grey) becoming more shaly	7' 0"	457' 8"
Laminated sandy shale and sandstone	1' 0"	458' 8"
Conglomerate with xtalline pebbles to $\frac{1}{2}$ " \emptyset	5' 9"	464' 5"
Sandstone	0' 7"	465' 0"
Conglomerate with xtalline pebbles to $\frac{1}{2}$ " \emptyset	10' 6"	475' 6"

CAMPBELL RIVER AREA

Bore Hole No. 23

Elevation: 364'

Depth: 359; 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	42' 0"	42' 0"
Sandstone. Scattered small xtalline pebbles top 2'	21' 10"	63' 10"
Conglomerate with small shale lenses	5' 2"	69' 0"
Laminated sandstone and sandy shale	2' 6"	71' 6"
Sandstone	5' 0"	76' 6"
Shale	1' 6"	78' 0"
Shale, slightly sandy	6' 8"	84' 8"
Sandy shale	3' 4"	88' 0"
Laminated sandstone and sandy shale	6' 0"	94' 0"
Sandstone with thin laminations of sandy shale	5' 0"	99' 0"
Sandstone. Scattered xtalline & shale pebbles to 1" Ø	9' 6"	108' 6"
Conglomerate. Broken pebbles over 1" Ø	8' 0"	116' 6"
Sandstone. One layer of pebbles at 124'	13' 6"	130' 0"
Sandy shale with thin bands of sandstone. One 2" coal lense at 147'	25' 0"	155' 0"
Coal	3' 2"	158' 2"
Shale	0' 1"	158' 3"
Coal	1' 5"	159' 8"
Shale and coal	0' 3"	159' 11"
Coal	1' 0"	160' 11"
Shale and coal	0' 4"	161' 3"
Shale	0' 8"	161' 11"
Coal	0' 3"	162' 2"
Shale with many coal lenticles	0' 4"	162' 6"
Shale with coal markings	1' 6"	166' 0"
Coal. Bottom ½ with thin bony bands	3' 6"	167' 6"
Shale with few coal markings	3' 6"	171' 0"
Sandstone. Thin laminations of shale	5' 0"	176' 0"
Bony shale with sandstone lenses	0' 3"	176' 3"
Coal with sulfur and bone bands	0' 5"	176' 8"
Shale. Few bands & laminations of sandstone	8' 9"	185' 5"
Coal	2' 11"	188' 4"
Shale. Few thin coal markings	3' 0"	191' 4"
Sandy shale with a few bands of sandstone	17' 11"	209' 3"
Thinly laminated sandstone and sandy shale	4' 6"	213' 9"
Fairly sandy-shale with a few thin bands of sandstone	10' 3"	224' 0"
Sandstone & shale. Few coal marks	0' 7"	224' 7"

	<u>Thickness</u>	<u>Depth</u>
Shale. Several coal marks to 1" thick	8' 11"	233' 6"
Coal and bony shale	0' 6"	234' 0"
Sandy shale. Few coal & sandstone lenses	1' 0"	235' 0"
Coal	5' 3"	240' 3"
Shale	0' 6"	240' 9"
shale and coal	9' 4"	241' 1"
Shale	3' 3"	244' 4"
Sandy shale (quite sandy)	9' 0"	253' 4"
Sandy shale	2' 0"	255' 4"
Sandstone with intermixed shale	2' 8"	258' 0"
Sandy shale (grey)	6' 0"	264' 0"
Sandy shale (red)	18' 8"	272' 8"
Sandstone with some sandy shale	6' 10"	279' 6"
Conglomerate (½" xtalline pebbles)	31' 0"	310' 6"
Shale becoming very sandy	1' 0"	311' 6"
Conglomerate	17' 6"	339' 0"
Sandstone with intermixed shale	1' 0"	340' 0"
Conglomerate	4' 0"	344' 0"
Shale becoming shaly conglomerate. Angular xtalling pebbles to ½" Ø throughout	2' 0"	346' 0"
Sandy shale	4' 0"	350' 0"
Shaly conglomerate & sandy shale with numerous layers of angular pebbles to ½" Ø. Few thin coal marks	5' 0"	355' 0"
Trap conglomerate. Boulders in altered trap to 10"	4' 0"	359' 0"

CAMPBELL RIVER AREA

Bore Hole No. 24

Elevation: 364'

Depth: 604' 0"

Location: Campbell River

	Thickness	Depth
Overburden	105' 0"	105' 0"
Sandstone becoming shale	5' 0"	110' 0"
Shale becoming sandstone and sandy shale	2' 0"	112' 0"
Shale with bands of sandstone	2' 0"	114' 0"
Sandy shale becoming sandier	1' 0"	115' 0"
Sandstone	3' 0"	118' 0"
Shale	1' 0"	119' 0"
Sandy shale	2' 6"	121' 6"
Shale	3' 0"	124' 6"
Sandy shale	10' 0"	134' 6"
Sandy shale becoming sandstone	5' 0"	139' 6"
Sandstone	20' 9"	160' 3"
Shale	4' 9"	165' 0"
Sandy shale	4' 8"	169' 8"
Sandstone becoming sandy shale	1' 3"	170' 11"
Sandy shale	4' 4"	175' 3"
Sandstone	3' 5"	178' 8"
Sandstone	6' 0"	184' 8"
Sandstone with a few shale lenses. 2 coal marks 1" and 1/2" thick in the last 16"	36' 0"	220' 8"
Conglomerate with 1" angular shale fragments	1' 4"	222' 0"
Shale	4' 0"	226' 0"
Sandstone and sandy shale	19' 0"	245' 0"
Sandstone	11' 0"	256' 0"
Sandstone with a few scattered pebbles	10' 0"	266' 0"
Conglomerate	3' 10"	269' 10"
Sandstone	8' 6"	278' 4"
Shale, faintly sandy	7' 8"	286' 0"
Sandy shale	9' 0"	295' 0"
Sandy shale (green)	7' 0"	302' 0"
Sandy shale (maroon)	2' 0"	304' 0"
Sandy shale becoming laminated with sandstone	4' 0"	308' 0"
Sandstone laminated with Sandy shale. 2 coal marks 1/2" & 1/8" in the last 6"	6' 0"	314' 0"
Sandstone with scattered xtalline pebbles averaging 1 1/2" Ø	8' 0"	322' 0"
Conglomerate (xtalline pebbles as above) one sandstone band	4' 0"	326' 0"

	<u>Thickness</u>	<u>Depth</u>
Sandstone	1' 3"	327' 3"
Conglomerate	"25' 9"	353' 0"
Sandstone with a shaly matrix	1' 9"	354' 9"
Shale with a few layers of sandstone	3' 9"	358' 6"
Sandy shale and sandstone	24' 4"	382' 10"
Shale and coal	0' 3"	383' 1"
Coal	1' 2"	384' 3"
Shale with coal markings-	1' 0"	385' 3"
Coal	0' 3"	385' 6"
Shale and coal	0' 3"	385' 9"
Shale	0' 9"	386' 6"
Shale with coal markings	0' 3"	386' 9"
Shale	1' 8"	388' 5"
Shale with coal markings	0' 5"	388' 10"
Shale and coal	0' 10"	389' 8"
Coal	0'	389' 11"
Coal and shale	0' 2"	390' 1"
Coal	0' 10"	390' 11"
Shale with coal markings	0' 4"	391' 3"
Sandy shale with a few thin bands of sandstone	1' 0"	392' 3"
Coal:	0	8' 392' 11"
Bony shale	0' 5"	393' 4"
Shale with thin sandy bands	15' 8"	409' 0"
Sandstone with much laminated sandy shale	8' 0"	417' 0"
Sandy shale becoming shale with bands of sandstone	19' 0"	436' 0"
Sandstone laminated with thin shaly bands. Few coal marks	12' 0"	448' 0"
Shale. Few tiny coal markings	6' 8"	454' 8"
Shale and coal	0' 6"	455' 2"
Coal	2' 6"	457' 8"
Shale and coal	0' 11"	458' 7"
Shale with coal markings	0' 6"	459' 1"
Shale	2' 8"	461' 9"
Shale and coal	0' 3"	462' 0"
Coal	0' 8"	462' 8"
Coal and shale	0' 2"	462' 10"
Coal	1' 2"	464' 0"
Sandy shale	11' 0"	475' 0"
Sandy shale	2' 3"	477' 3"
Sandstone (grey)	3' 0"	480' 3"
Sandstone (white)	2' 2"	482' 5"
Sandstone with thin coal markings	4' 8"	487' 1"
Sandy shale,	0' 11"	488' 0"
Sandstone (white)	1' 10"	489' 10"
Sandstone (greyish yellow')	4' 2"	494' 0"
Sandstone (white)	6' 0"	500' 0"
Conglomerate with bands of sandstone & shale	11' 0"	511' 0"
Sandstone and very sandy shale	6' 0"	517' 0"
Conglomerate with bands of sandstone	16' 0"	533' 0"

Bore Hole No. 24 cont'd

	<u>Thickness</u>	<u>Depth</u>	
Conglomerate With a few thin bands of very sandy shale	25' 0"	558'	0"
Sandy shale with intraformational conglomerate	12' 5"	560'	7"
Conglomerate pebbles increasing to 2" \emptyset	9' 0"	573'	0"
Sandy shale	1' 6"	582'	0"
Sandstone with sandy shale bands	1' 6"	583'	6"
Shale with scattered small pebbles and one 2" thick coal seam	0' 6"	584'	0"
Sandy shale	13' 0"	597'	0"
Sandy shale with scattered coal marks	2' 3"	599'	3"
Sandy shale	4' 9"	604'	0"

Outcrop

CAMPBELL RIVER AREA

Bore Hole No. 25

Elevation: 925'

Depth: 683' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	139' 0"	139' 0"
Sandstone	8' 6"	147' 6"
Sandstone with a few ½" pebbles	1' 6"	149' 0"
Sandstone	1' 0"	150' 0"
Sandy shale with coal markings	0' 6"	150' 6"
Sandstone with a few shale streaks	2' 0"	152' 6"
Sandstone	13' 8"	166' 2"
Coal (poor recovery)	0' 8"	166' 10"
Coal and shale	0' 8"	167' 6"
Sandstone with several thin bands of shale & coal specks	1' 6"	169' 0"
Sandstone	2' 6"	171' 6"
Sandstone with a shale matrix	0' 2"	171' 8"
Coal (poor recovery)	1' 4"	173' 0"
Sandstone with thin coal markings	2' 0"	175' 0"
Coal and sandstone. Thickest seam 2"	0' 6"	175' 6"
Sandstone. Top 18" with coal markings	6' 0"	181' 6"
Sandstone with streaks & bands to 6" wide Fe ₃ O ₄	8' 0"	189' 6"
Sandstone	13' 6"	203' 0"
Sandstone with 25% coal in veinlets to ½"	0' 10"	203' 10"
Sandstone. Few bands to 6" wide with much Fe ₃ O ₄	4' 10"	208' 8"
Sandstone	2' 0"	210' 8"
Sandstone with thin bands of Fe ₃ O ₄	24' 9"	235' 5"
Sandstone with a shale matrix and several ½" coal markings	0' 9"	236' 2"
Sandstone	11' 10"	248' 0"
Sandstone, broke 257'-260' & 268'-269'	24' 0"	272' 0"
Sandstone with scattered xtalline pebbles' to 2" Ø	1b' 5"	288' 5"
Shale	0' 1"	288' 6"
Coal	0' 4"	288' 10"
Sandstone with bands of coal to ½"	1' 0"	289' 10"
Sandstone	13' 0"	302' 10"
Sandy shale with coal markings	0' 5"	303' 3"
Shale and coal	0' 5"	303' 8"
Sandy shale & sandstone with coal lenses	0' 6"	304' 2"
Coal	0' 2"	304' 4"
Sandstone	2' 3"	306' 7"
Coal	0' 11"	307' 6"

Bore Hole No. 25 cont'd

	<u>Thickness</u>	Depth
Shale&and coal	0' 2"	307' 8"
Sandstone (yellowish)	11' 4"	319' 0"
Sandstone (white)	7' 3"	326' 3"
Sandstone (yellowish)	10' 0"	336' 3"
Sandstone	2' 6"	338' 9"
Sandstone with streaks & lenses of sandy shale	23' 7"	362' 1 4"
Sandstone with streaks of sandy shale	7' 1"	369' 5"
Intraformational conglomerate	0' 6"	369' 11"
Sandy shale with coal markings to 1/8"	3' 1"	373' 0"
Sandy shale with 25% coal in thin lenses	2' 0"	375' 0"
Sandy shale with coal markings	3' 0"	378' 0"
Sandstone with tiny scattered shale specks	13' 6"	391' 6"
Shale with many coal markings	1' 3"	392' 9"
Coal	1' 0"	393' 9"
Shale with many thin coal markings	1' 3"	395' 0"
Sandstone with sandy shale matrix	4' 6"	399' 6"
Sandstone with a few shale streaks	12' 6"	412' 0"
Shale with coal & sandstone streaks	1' 5"	413' 5"
Sandy shale & shale with coal marks	2' 0"	415' 5"
c o a l	2' 2"	417' 7"
Shale with many coal marks to 1/2"	1' 2"	418' 9"
Sandy shale with a few coal marks to 2" Ø and sandstone	3' 1"	421' 10"
Sandstone with a blotchy shale matrix	5' 0"	426' 10"
Shale with a few coal markings	0' 9"	427' 7"
-Shale with many thin coal markings:	0' 2"	427' 9"
Coal and shale	0' 10"	428' 7"
Sandstone (medium - coarse).	44' 7"	473' 2"
Sandstone (medium)	7' 7"	480' 9"
Sandstone with a few xtalline pebbles	2' 9"	483' 6"
Sandstone with streaks of sandy shale	21' 6"	505' 0"
Sandstone with shale streaks.,	4' 10"	509' 10"
Coal and shale	0' 2"	510' 0"
Shale with coal markings	1' 8"	511' 8"
Sandy shale	3' 0"	514' 8"
Shale and coal	0' 4"	515' 0"
Coal	0' 6"	515' 6"
Coal and shale	0' 2"	515' 8"
Shale with coal markings	1' 6"	517' 2"
Sandy shale	1' 0"	518' 2"
Coal	0' 2"	518' 4"
Shale with coal markings	0' 2"	518' 6"
Coal	0' 5"	518' 11"
Shale with coal markings	0' 4"	519' 3"
Shale	11' 0"	530' 3"
Shale with coal markings	1' 3"	531' 6"
Shale and coal	0' 2"	531' 8"
Coal	0' 6"	532' 2"
Shale	8' 8"	540' 10"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale	5' 0"	5 4 5' 10"
Shale with sandstone bands	6' 0"	551' 10"
Shale with coal markings	2' 0"	553' 10"
Shale with-coal markings	0' 2"	554' 0"
Shale with coal markings	1' 4"	555' 4"
Shale and coal	0' 5"	555' 9"
Shale (broken)	16' 3"	572' 0"
Shale	4' 0"	576' 0"
Sandy shale	2' 0"	578' 0"
Sandy shale (red)	2' 0"	580' 0"
Sandy shale	8' 0"	588' 0"
Sandstone	4' 0"	592' 0"
Sandstone with bands of conglomerate & coal marks	6' 0"	5 9 8' 0"
Conglomerate	8' 0"	606' 0"
Shale	3' 0"	609' 0"
Shale (red)	8' 0"	6 1 7' 0"
Sandstone!	4' 0"	621' 0"
Conglomerate	4' 0"	625' 0"
Shale	3' 0"	628' 0"
Sandstone with coal markings	1' 0"	629' 0"
Sandy shale	6' 0"	635' 0"
Conglomerate	7' 0"	642' 0"
Broken conglomerate	8' 0"	650' 0"
Conglomerate (broken)	33' 0"	6 8 3' 0"

CAMPBELL RIVER AREA

Bore Hole No. 26

Elevation: 356'

Depth: 86' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	81' 0"	81' 0"
Trap	5' 0"	86' 0"

CAMPBELL RIVER AREA

Bore Hole No. 28

Elevation: 410'

Depth: 624' 10"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Overburden	3' 0"	3' 0"
Sandstone	30' 0"	33' 0"
Shale with considerable coal in thin lenses	1' 0"	34' 0"
Shale	2' 0"	36' 0"
Sandy shale	2' 0"	38' 0"
Sandstone with one 1" coal mark	3' 6"	41' 6"
Sandstone with streaks of shale	0' 9"	42' 3"
Sandstone	8' 9"	51' 0"
Sandy shale	10' 1"	61' 1"
Sandstone (prey)	2' 2"	63' 3"
Sandstone (white)	25' 9"	89' 0"
Shale with coal markings	0' 6"	89' 6"
Sandy shale	2' 0"	91' 6"
Shale with coal markings	1' 6"	93' 0"
Sandy shale	1' 0"	94' 0"
S h a l e	1' 6"	95' 6"
Sandy shale	3' 0"	98' 6"
Sandstone with numerous shale fragments in the bottom 6'	29' 6"	128' 0"
Shale	3' 0"	131' 0"
Sandstone with a blotchy shale matrix	1' 4"	132' 4"
Sandy shale (grey)	4' 6"	136' 10"
Sandy shale (faintly maroon)	8' 0"	144' 10"
Sandy shale (grey)	1' 2"	146' 0"
Sandstone with laminations of sandy shale. Few coal marks	4' 6"	150' 6"
Shale	1' 0"	151' 6"
Sandy shale	4' 0"	155' 6"
Sandstone (blotchy)	1' 0"	156' 6"
Sandstone	5' 6"	162' 0"
Sandstone with a few shale fragments	15' 0"	177' 0"
Shale (red)	1' 0"	178' 0"
Shale (prey)	1' 7"	179' 7"
Sandy shale (red)	8' 1"	187' 8"
Sandy shale (grey)	3' 4"	191' 0"
Sandy shale (red)	6' 6"	197' 6"
Sandy shale (grey)	1' 8"	199' 2"
Sandstone	2' 3"	201' 5"

	Thickness	Depth
Sandstone with a few angular shale fragments	26' 7"	228' 0"
Shale	2' 0"	230' 0"
Sandstone with bands of conglomerate, a few coal markings and shale fragments	10' 0"	240' 0"
Laminated sandstone and sandy share	4' 6"	244' 6"
Sandstone	39' 6"	284' 0"
Conglomerate. Cobbles to 3" Ø	13' 0"	297' 0"
Sandstone with thin coal markings & shale fragments	6' 0"	303' 0"
Conglomerate. Cobbles to 2" Ø in sandstone	7' 0"	310' 0"
Sandstone with few scattered pebbles	13' 6"	323' 6"
Sandstone and sandy shale	2' 6"	326' 0"
Sandy shale with a few bands of sandstone(broken)	9' 0"	335' 0"
Above, with thin bands of sandstone	4' 0"	339' 0"
Sandy shale-with bands of sandstone	7' 4"	346' 4"
Sandstone with thin laminations of sandy shale	1' 1"	347' 5"
Sandy shale with bands of sandstone'	3' 9"	351' 2"
Sandstone with thin laminations of sandy shale	5' 4"	356' 6"
Sandy shale with bands of sandstone . .	18' 0"	374' 6"
Sandstone with thin bands of sandy shale	2' 9"	377' 3"
Sandy shale and sandstone	8' 9"	386' 0"
Coal	0' 2"	386' 2"
Shale and coal -	0' 6"	386' 8"
Shale with a few thin coal marks	2' 4"	389' 0"
Coal and shale	0' 2"	389' 2"
Shale with thin coal markings	1' 0"	390' 2"
Shale, -sandy shale and a few coal marks	3' 10"	394' 0"
Shale & sandstone (laminated)	6' 0"	400' 0"
Shale	21' 0"	421' 0"
Coal	0' 8"	421' 8"
Shale and coal	0' 4"	422' 0"
Coal	0' 6"	422' 6"
Coal and shale	0' 3"	422' 9"
Coal	0' 3"	423' 0"
Shale	2' 0"	425' 0"
Shale	8' 0"	433' 0"
Shale with dark blotches	5' 4"	438' 4"
Sandstone	3' 6"	441' 10"
Sandy shale (red)	2' 6"	444' 4"
Sandy shale (grey)	2' 0"	446' 4"
Sandy shale (red)	3' 6"	449' 10"
Shale, faintly sandy	9' 3"	459' 1"
Sandstone laminated with sandy shale	6' 2"	465' 3"
Conglomerate	6' 7"	471' 10"
Shale	4' 0"	475' 10"
Sandy shale	4' 0"	479' 10"
Sandstone with bands of conglomerate	6' 0"	485' 10"
Conglomerate	2' 0"	4871 10"
Sandstone with laminations of sandy shale	15' 0"	502' 10"
Sandstone (coarse)	3' 0"	505' 10"
Sandstone (fine)	9' 0"	514' 10"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale	7' 6"	522' 4"
Conglomerate. Pebbles to 1" \emptyset	3' 6"	525' 10"
Sandy shale. One thin band of conglomerate pebbles	7' 6"	533' 4"
Sandstone with much shale in the matrix	2' 9"	536' 1"
Sandy shale	7' 0"	543' 1"
Sandy shale with xtalline pebbles to $\frac{1}{2}$ " \emptyset	6' 9"	549' 10"
Sandy shale	1' 0"	550' 10"
Shale and conglomerate	2' 0"	552' 10"
Sandy shale	5' 0"	557' 10"
Sandstone	1' 0"	558' 10"
Conglomerate	6' 0"	564' 10"
Sandy shale	3' 6"	568' 4"
Sandy shale (grey)	1' 0"	569' 4"
Conglomerate. Subangular. Poorly-sorted pebbles	6' 0"	575' 4"
Sandy shale	2' 0"	577' 4"
Sandy shale (red)	2' 0"	579' 4"
Conglomerate	7' 0"	586' 4"
Sandy shale. One $\frac{1}{8}$ " coal marking	4' 6"	590' 10"
Sandy shale	5' 0"	595' 10"
Sandy shale & sandstone, with thin bands of conglomerate	2' 0"	597' 10"
Sandstone	2' 0"	599' 10"
Conglomerate	5' 0"	604' 10"
Sandy shale	4' 0"	608' 10"
Sandy shale with scattered pebbles	3' 0"	611' 10"
Sandstone	0' 8"	612' 6"
Conglomerate	1' 0"	613' 6"
Sandy shale with pebbles	1' 0"	614' 6"
Sandy shale	5' 4"	619' 10"
Conglomerate with pebbles to $\frac{1}{2}$ " \emptyset and thin bands of sandy shale	5' 0"	624' 10"

CAMPBELL RIVER AREA

Bore Hole No. 30

Elevation: 450'

Depth: 117' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Gravel	2' 0"	2' 0"
Clay with gravel	12' 0"	14' 0"
Gravel and boulders	6' 0"	20' 0"
Sand-and gravel with boulders	4' 0"	24' 0"
Coarse white sandstone - broken	10' 0"	34' 0"
Coarse conglomerate - pebbles to 1" diom. broken	4' 0"	38' 0"
Coarse white sandstone - few scattered-pebbles	9' 0"	47' 0"
Light brown, faintly sandy shale	2' 0"	49' 0"
Darker brown, faintly sandy shale, brownish	0' 10"	49' 10"
Brown shale with sandstone becoming medium sandstone with shale matrix	6' 0"	55' 10"
Shale, hard, brown; brown streak, broken	0' 6"	56' 4"
Sandy shale, hard, dark brown, broken	3' 8"	60' 0"
Shale, hard, dark brown, brown streak, faintly sandy	1' 9"	61' 9"
Sandy shale, light brown, one $\frac{3}{8}$ " coal markings	1' 0"	62' 9"
Shale, hard, dark brown, brown streak, few coal markings; sulphur at 63'	3' 5"	66' 2"
Coal and bone	0' 3"	66' 5"
White sandstone; lenses of bony shale	0' 1"	66' 6"
Coal	5' 8"	72' 2"
Shale	1' 2"	73' 4"
Coal	0' 4"	73' 8"
Shale with coal markings	1' 0"	74' 8"
Coal	0' 4"	75' 0"
Shale	0' 2"	75' 2"
Coal	0' 6"	75' 8"
Brown shale	0' 6"	76' 2"
Coal	0' 8"	76' 10"
Brown-shale	6' 2"	83' 0"
Coal	0' 8"	83' 8"
Shale	6' 10"	90' 6"
Shale with coal markings	0' 6"	91' 0"
Coal	0' 4"	91' 4"
Broken shale	1' 8"	93' 0"
Broken shale with coal markings	2' 8"	95' 8"
Coal	0' 8"	96' 4"
Broken shale	4' 0"	100' 4"
Shale and coal	0' 3"	100' 7"

Bore Hole No. 30 cont'd

	<u>Thickness</u>	<u>Depth</u>
Coal	0' 8"	101' 3"
Broken shale	5' 1"	106' 4"
Coal	0' 8"	107' 0"
Shale and coal	0' 3"	107' 3"
Broken dark shale	2' 0"	109' 3"
Coal	0' 9"	110' 0"
Soft shale with coal markings	3' 0"	113' 0"
Shale	4' 0"	117' 0"

CAMPBELL RIVER AREA

Bore Hole No. 31

Elevation: 500'

Depth: 421' 0"

Location: Campbell River

	<u>Thickness</u>	<u>Depth</u>
Nothing recorded	3' 0"	3' 0"
Broken sandstone	5' 0"	8' 0"
Nothing recorded	1' 0"	9' 0"
Broken sandstone	14' 0"	23' 0"
Sandstone	6' 0"	29' 0"
Shale with sandstone streaks	4' 0"	33' 0"
Shale with sandstone streaks	5' 0"	38' 0"
Sandy shale	9' 0"	47' 0"
Sandstone	35' 0"	82' 0"
Sandy shale	6' 0"	88' 0"
Sandy shale (red)	3' 0"	91' 0"
Fine sandstone	4' 0"	95' 0"
Shale (red)	3' 0"	98' 0"
Fine sandstone	10' 0"	108' 0"
Sandstone	7' 0"	115' 0"
Shale with sandstone streaks	1' 6"	116' 6"
Sandstone	13' 6"	130' 0"
Shale	0' 6"	130' 6"
Shale and sandstone	0' 6"	131' 0"
Sandstone with coal markings	1' 0"	132' 0"
Sandstone	7' 6"	139' 6"
Conglomerate	0' 6"	140' 0"
Sandstone	3' 6"	143' 6"
Conglomerate	4' 0"	147' 6"
Sandstone with bands of conglomerate	14' 6"	162' 0"
Shale	6' 0"	168' 0"
Sandstone with shale and conglomerate markings	3' 6"	171' 6"
Conglomerate	0' 6"	172' 0"
Broken shale	2' 0"	174' 0"
Broken dark shale	1' 0"	175' 0"
Broken brown shale	1' 0"	176' 0"
Dark shale	2' 0"	178' 0"
Dark shale with coal markings	1' 0"	179' 0"
Shale	2' 0"	181' 0"
Shale with coal markings	1' 0"	182' 0"
Shale with sandstone streaks	6' 0"	188' 0"
Shale	2' 0"	190' 0"
Shale with sandstone streaks	4' 0"	194' 0"

	<u>Thickness</u>	<u>Depth</u>
Dark shale with light shale layers	10' 0"	204' 0"
Shale with sandstone streaks	4' 0"	208' 0"
Sandstone with shale streaks	2' 0"	210' 0"
Shale	2' 0"	212' 0"
Shale with sandstone streaks	2' 6"	214' 6"
Shale	1' 0"	215' 6"
Sandstone and shale layers	1' 6"	217' 0"
Shale	2' 0"	219' 0"
Broken sandstone with shale streaks	3' 6"	222' 6"
Sandstone with coal	0' 6"	223' 0"
Broken sandstone with coal markings	1' 0"	224' 0"
Broken shale	1' 0"	225' 0"
Broken sandstone and shale layers	2' 0"	227' 0"
Broken shale	1' 0"	228' 0"
Sandstone with coal markings	0' 6"	228' 6"
Shale and coal	0' 2"	228' 8"
Coal	1' 2"	229' 10"
Broken shale	2' 0"	231' 10"
Broken shale with coal markings.	1' 2"	233' 0"
Broken shale	1' 6"	234' 6"
Broken shale and coal	0' 6"	235' 0"
Broken shale with coal markings	2' 0"	237' 0"
Broken shale	9' 0"	246' 0"
Broken sandstone with shale streaks	5' 0"	251' 0"
Sandstone with coal markings	1' 0"	252' 0"
Shale,	11' 0"	263' 0"
Soft dark shale	1' 6"	264' 6"
Shale with coal markings	0' 9"	265' 3"
Coal	0' 10"	266' 1"
Shale and coal	0' 3"	266' 4"
Shale.	0' 8"	267' 0"
Shale and coal markings	2' 0"	269' 0"
Shale	2' 0"	271' 0"
Broken sandy shale	3' 0"	274' 0"
Broken shale with coal markings	0' 6"	274' 6"
Shale and coal	0' 2"	274' 8"
Sandy shale	1' 4"	276' 0"
Soft sandstone (not caving)	7' 0"	283' 0"
Sandstone - speckled with red spots & coal markings	3' 0"	286' 0"
Sandstone - red speckled	1' 0"	287' 0"
Sandstone with coal markings	12' 0"	299' 0"
Broken shale	2' 0"	301' 0"
Broken sandstone & shale with coal markings	0' 6"	301' 6"
Broken fine sandstone	0' 6"	302' 0"
Sandy shale	6' 0"	308' 0"
Shale with coal markings	1' 0"	309' 0"
Broken shale with scattered coal markings	6' 0"	315' 0"
Dark shale with coal markings	0' 6"	315' 6"
Shale	1' 0"	316' 6"

	<u>Thickness</u>	<u>Depth</u>
Sandy shale	5' 0"	321' 6"
Sandy shale (red)	17' 6"	339' 0"
Broken sandy shale with bands of coarse sandstone	16' 0"	355' 0"
Broken conglomerate	1' 9"	356' 9"
Coal	0' 3"	357' 0"
Sandstone with coal	0' 2"	357' 2"
Broken sandstone	17' 10"	375' 0"
Sandstone	8' 0"	383' 0"
Broken hard sandstone	3' 0"	386' 0"
Sandstone	5' 0"	389' 0"
Herd sandstone	0' 0"	394' 0"
Sandstone with shale streaks	15' 0"	409' 0"
Shale with sandstone markings	2' 0"	411' 0"
Broken shale	1' 0"	412' 0"
Shale	9' 0"	421' 0"