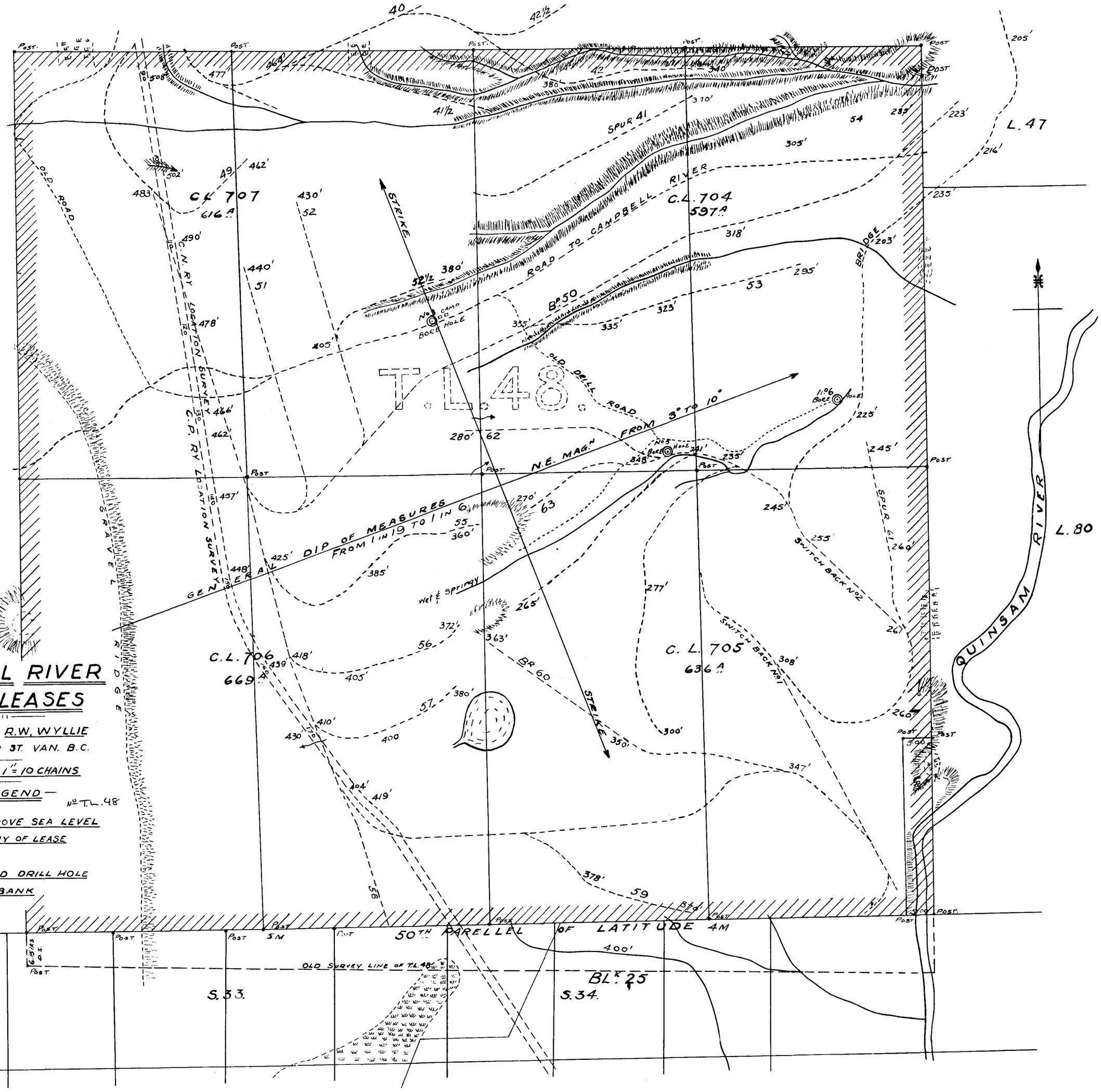
For information on Boreholes in this area please refer to report # 694.

00042 (2)


CAMPBELL RIVER
COAL LEASES
OWNED BY R.W. WYLLIE
1220 HOMER ST. VAN. B.C.
SCALE 1" = 10 CHAINS
— LEGEND —
CX-CAMPBELL RIVER 48(2)A
No T.L. 48
410' ELEV. ABOVE SEA LEVEL
BOUNDARY OF LEASE
ROAD
DIAMOND DRILL HOLE
STEEP BANK
42(2)
M1
C.L. 707
616 A
C.L. 704
597 A
C.L. 706
669 A
C.L. 705
636 A
T.L. 48
L. 47
L. 80
QUINSAM RIVER
ROAD TO CAMPBELL RIVER
SPUR 41
SPUR 61
SWITCH BACK No 1
SWITCH BACK No 2
BRIDGE
OLD ROAD
OLD DRILL ROAD
C.N. RY LOCATION SURVEY
C.P. RY LOCATION SURVEY
GRAVEL RIDGE
STRIKE
DIP OF MEASURES FROM 1 IN 19 TO 1 IN 6
GENERAL
N.E. MAG.N FROM 3° TO 10°
wet & springy
No 1 CAMP BORE HOLE
No 3 BORE HOLE
No 5 BORE HOLE
No 6 BORE HOLE
BR 50
BR 60
50TH PARELLEL OF LATITUDE 4M
OLD SURVEY LINE OF T.L. 48
BLK 25
S. 33.
S. 34.
POST

42 (2)

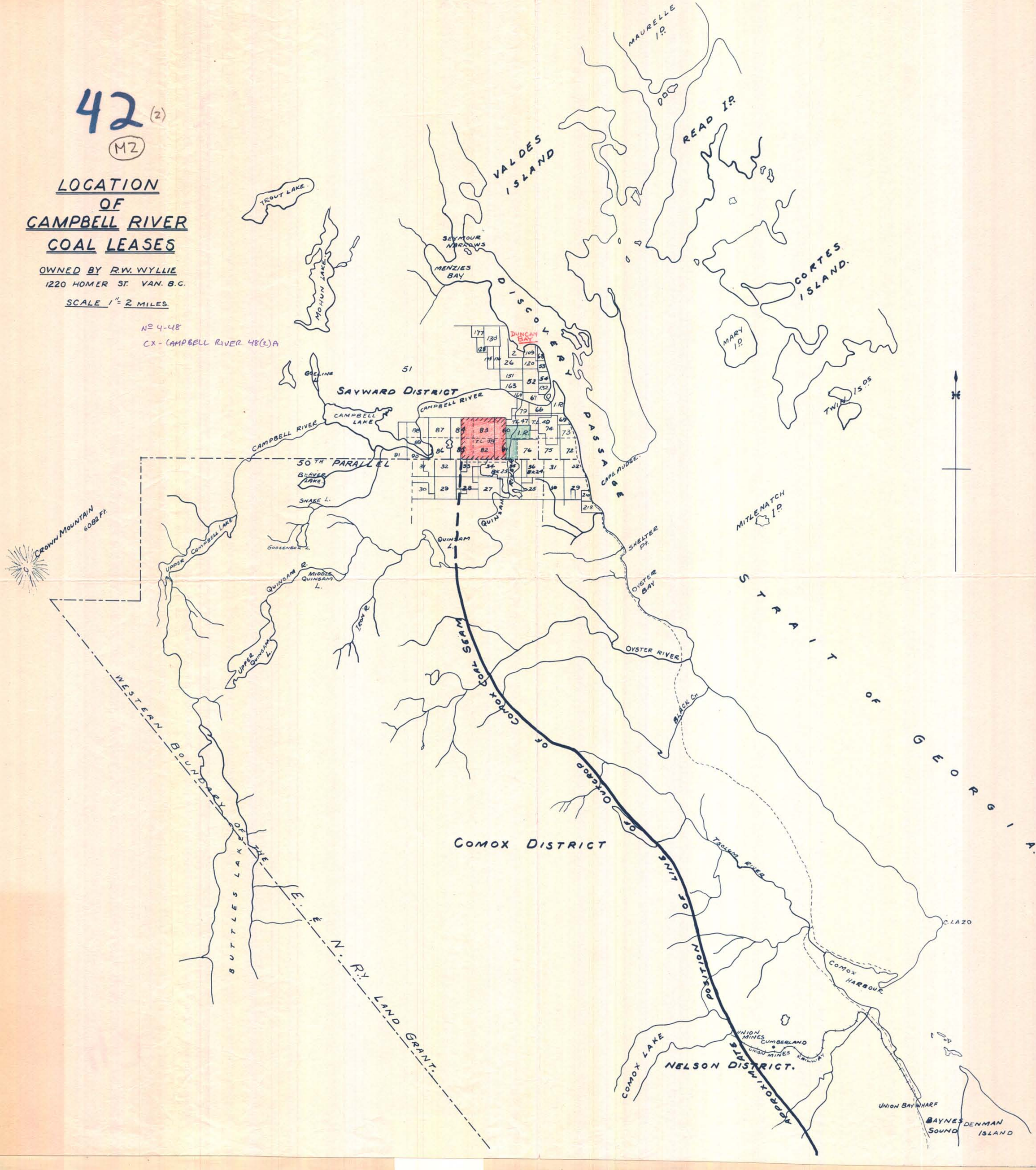
(M2)

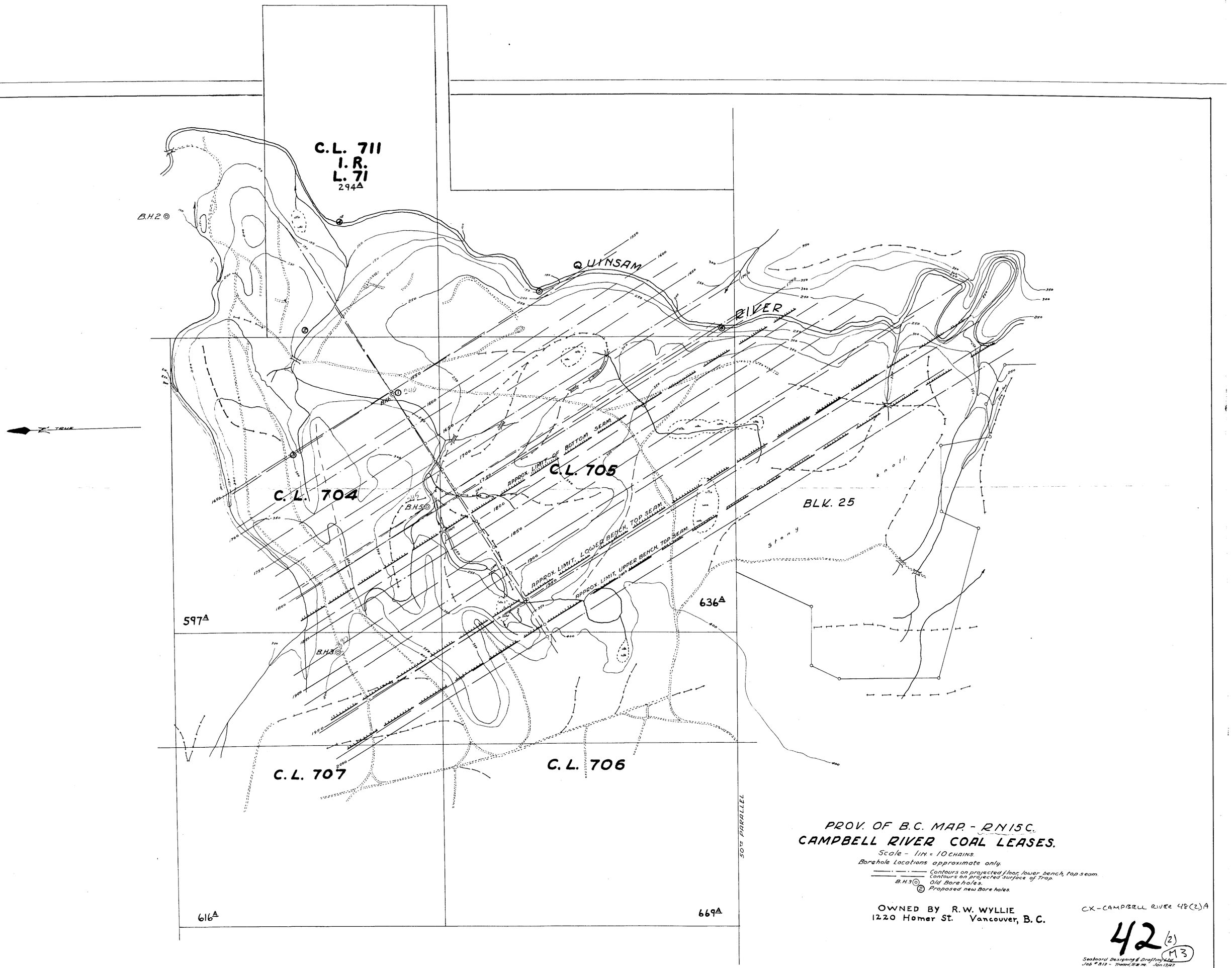
LOCATION OF CAMPBELL RIVER COAL LEASES

OWNED BY R.W. WYLLIE
1220 HOMER ST. VAN. B.C.

SCALE 1" = 2 MILES.

Nº 4-48
CX - CAMPBELL RIVER 48(2)A




C.L. 711
I. R.
L. 71
294A
B.H.2
QUINSAM
RIVER
TRUE
C.L. 704
C.L. 705
C.L. 706
C.L. 707
BLK. 25
B.H.5
B.H.3
APPROX. LIMIT OF BOTTOM SEAM
APPROX. LIMIT, LOWER BENCH, TOP SEAM
APPROX. LIMIT, UPPER BENCH, TOP SEAM
597A
636A
616A
669A
50TH PARALLEL
knoll
stony
PROV. OF B.C. MAP - 92 N 15 C.
CAMPBELL RIVER COAL LEASES.
Scale - 1 in. = 10 CHAINS.
Borehole Locations approximate only.
Contours on projected floor, lower bench, top seam.
Contours on projected surface of Trap.
B.H.3 Old Bore holes.
Proposed new Bore holes.
OWNED BY R.W. WYLLIE
1220 Homer St. Vancouver, B.C.
CX-CAMPBELL RIVER 48(2)A
42 (2)
M3
Seaboard Designing & Drafting Ltd.
Job # 813 - Traced, S.B. Jan 13/47

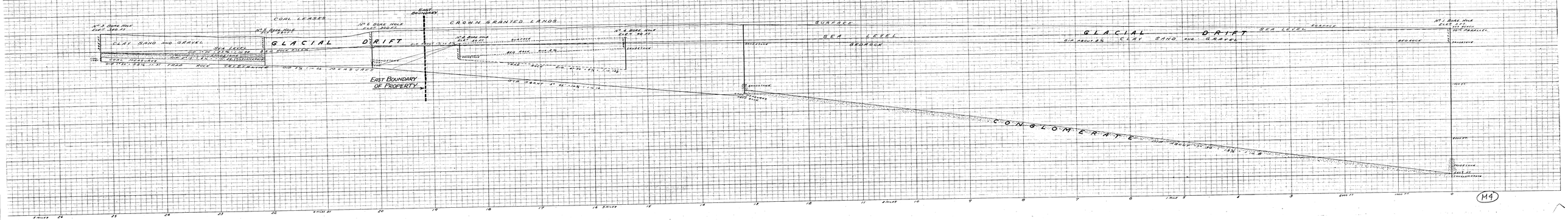
SECTIONAL PLAN OF THE CAMPBELL RIVER COAL FIELD SAYWARD DISTRICT - B.C.

E. PRIEST B.C.L.S. & M.E. VANCOUVER, B.C.

P.W. WYLLIE
1250 HOMER ST.
VANCOUVER, B.C.

C.X. - CAMPBELL RIVER 48(2)
NP - 16

42



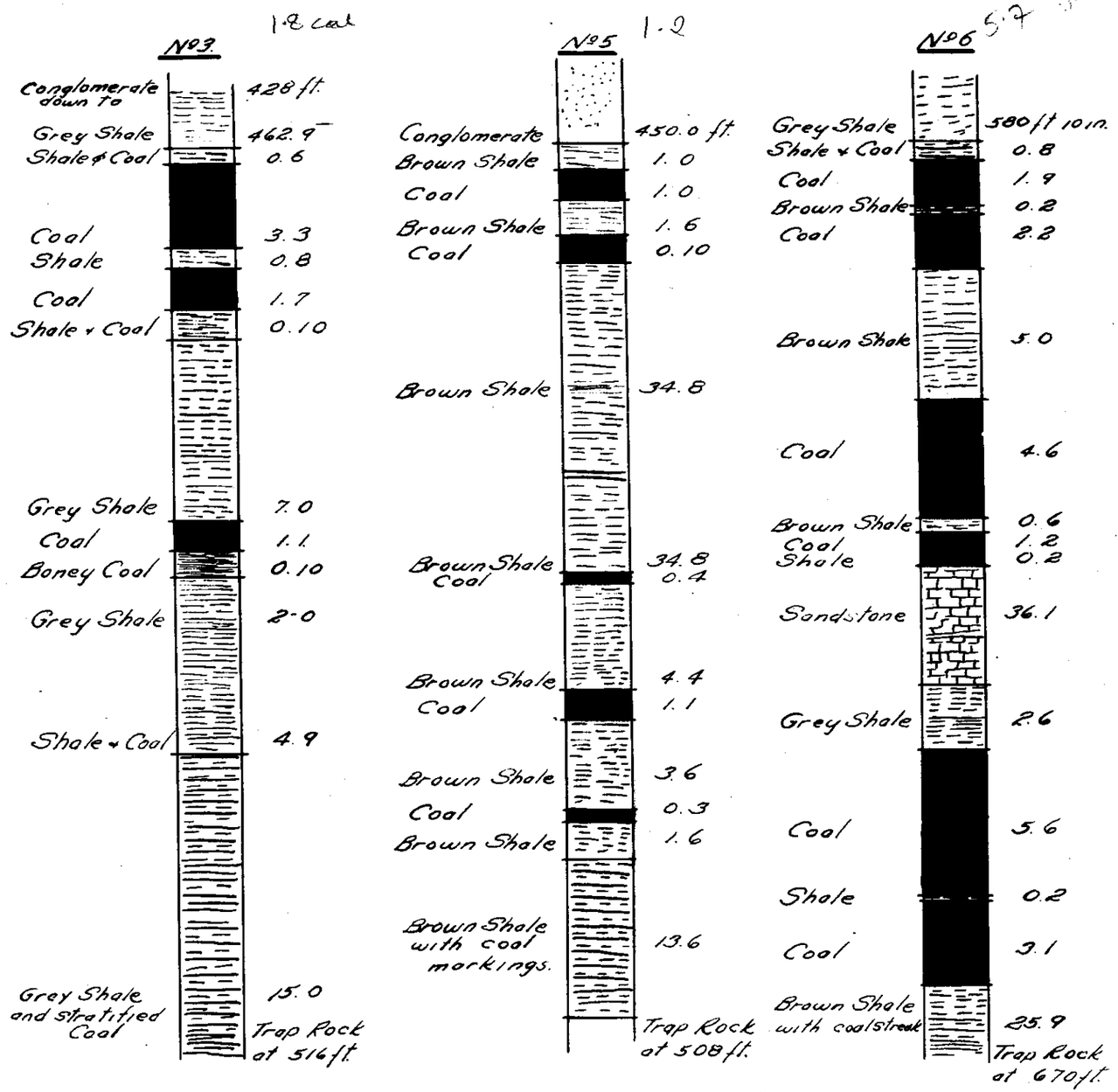
M9

CX-CAMPBELL RIVER 48(3)A

BORE HOLE DATA.

00042 (3)

SECTIONS OF BORE HOLES- CAMPBELL RIVER COAL FIELD, B.C.



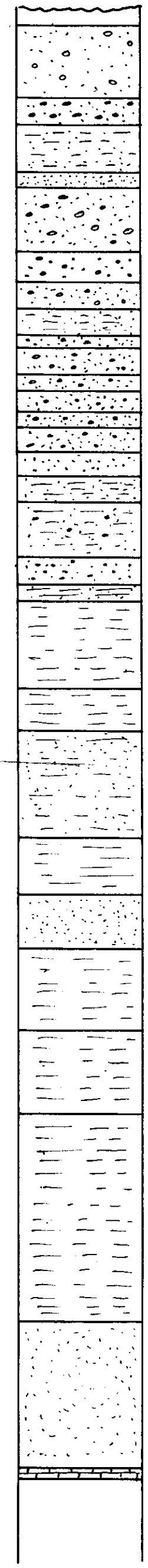
42(3)

E. PRIEST M.E.
VANCOUVER, B.C.

CX-CAMPBELL RIVER 48(3)A

Traced By Van. Map & Blue Print Co.
Aug. 18/48

SECTION OF STRATA - Nº6 BORE HOLE



	Ft. - In.	Ft. - In.
Soil	3 - 0	3 - 0
Hard pan + Boulders	13 - 0	16 - 0
Cemented Boulders	5 - 0	21 - 0
Gravel + Clay	9 - 0	30 - 0
Sand	2 - 0	32 - 0
Cemented Sand + Boulders	12 - 0	44 - 0
Gravel + Boulders	5 - 0	49 - 0
Sand + Boulders	5 - 0	54 - 0
Gravel	5 - 0	59 - 0
Gravel with clay	2 - 0	61 - 0
Coarse Gravel with small rocks	5 - 0	66 - 0
Gravel and Boulders	3 - 0	69 - 0
Coarse Gravel with small rocks	4 - 0	73 - 0
Gravel + Boulders	3 - 0	76 - 0
Coarse gravel + small rocks	4 - 0	80 - 0
Gravel	4 - 0	84 - 0
Sandy Clay	5 - 0	89 - 0
Clay + sand with small rocks	10 - 0	99 - 0
Gravel	5 - 0	104 - 0
Sand with clay	3 - 0	107 - 0
Blue clay	16 - 0	123 - 0
Blue clay	7 - 0	130 - 0
Sand with clay streaks	20 - 0	150 - 0
Clay	10 - 0	160 - 0
Sand	10 - 0	170 - 0
Blue clay	15 - 0	185 - 0
Clay	15 - 0	200 - 0
Blue clay	38 - 0	238 - 0
Sand	27 - 0	265 - 0
Sandstone	2 - 0	267 - 0
Sandstone	18 - 0	285 - 0

42

E. PRIEST. B.C.L.S. + M.E.
VANCOUVER, B.C.

CX - CAMPBELL RIVER 48(8) A

Seaboard Designing & Drafting Ltd.
Job #790-1 Traced, B.R.M. - Dec 10/46.

CX-CAMPBELL RIVER 48(4)A

00042 (4)

R.W. WYLLIE,
1220 HOMER ST.
VANCOUVER, B.C.
'phone: MArine 1523.

ANALYSIS OF CAMPBELL RIVER COAL

LOCALITY	CARBON	VOLATILE	MOIST.	ASH	CLEAN COAL	CARBON	VOLATILE	Remarks.
No 3 Borehole	60.6	33.4	6.0	12.1	AIR DRIED	59.3	40.7	From Core of Upper Seam at 465 to 466 ft.
No 6 Borehole	56.6	37.9	5.5	11.6		54.3	45.7	- Do - Upper Seam at 591 to 595 ft.
- Do -	58.1	35.9	6.0	11.5		56.2	43.6	- Do - do - at 581 to 585 ft.
- Do -	63.6	31.1	5.3	23.4		56.4	43.6	- Do - Lower Seam.
"JINGLE POT" MINE	57.7	40.6	1.7	9.9		54.1	45.9	Wellington Coal Seam "Jingle Pot," General sample at full thickness of Coal.
ABOVE REVISED TO CANADIAN STANDARD BY E. PRIEST.								
No 3 Borehole	54.06	29.79	5.35	10.80				Upper Seam.
No 6 Borehole	50.71	33.98	4.92	10.39				Upper Seam 591 to 595 ft.
- Do -	51.96	32.12	5.36	10.36				- - Do - - 581 to 585 ft.
- Do -	51.54	25.20	4.29	18.97				Lower Seam.
"JINGLE POT" MINE	52.50	36.95	1.55	9.00				Wellington Coal Seam
These samples analized by Prof. Heise. Westfaelische Berg. Gewerkschafts - Kasse.								
No 3 Borehole	39.2	39.2	5.00	16.60	(See note in Report of Bonthron & Galloway			Upper Seam Top Bench by O'Sullivan Vancouver, B.C.
- Do -	41.1	37.6	4.5	16.8				- Do - Bottom Bench - Do -
No 6 Borehole	42.1	34.6	5.00	18.3				Upper Seam Top Bench - Do -
- Do -	44.7	39.2	4.5	11.6				- Do - Bottom Bench. - Do -
- Do -	32.0	30.0	4.5	33.5	- Do -			Lower Seam - Do -
Quinsam Lake	52.3	35.2	4.0	7.6				Outcrop Coal Seam Top Bench - Do -
- Do -	53.3	35.3	4.0	7.4				- Do - Part of Lower Bench - Do -

LIST OF ANALYSIS FOR COMPARISON

LOCALITY	ANALYSIS BY SLOW COKING				ANALYSIS BY FAST COKING				Remarks
	CARBON	VOLATILE	MOIST.	ASH	CARBON	VOLATILE	MOIST.R	ASH	
Comox B.C.	68.27	27.17	1.70	2.86	63.08	32.36	1.70	2.86	Lower Seam Report of Progress Dominion Gov't. of Canada 1871-2
Union Mines	67.72	28.11	1.34	2.83	65.82	30.01	1.34	2.83	4 Ft. 4 in. Seam. - Do -
- Do - No 5 Mine					57.03	29.24	1.08	9.60	Upper Seam Minister of Mines Report. 1902 and 1909 B.T.U. 14191
- Do - "					63.64	27.62	1.32	6.70	Lower Seam - Do - - Do -
- Do - No 4 Mine					61.82	27.34	0.88	8.70	Lower Seam. - Do - 13881
- Do - No 6 Mine					63.49	27.33	1.26	6.80	Lower Seam - Do - 14191
Extension Mines, B.C.					55.83	35.26	1.28	7.30	Bottom Vein (Wellington Seam) - Do - 13199
					53.72	36.49	1.24	8.20	Top Vein - Do - 13261
- Do -					50.04	40.47	1.16	7.80	Run of Mines No 1.2 & 3. Geological Survey of Canada 1915
- Do -					49.20	39.30	0.40	10.00	Commercial - Do - 13160
East Wellington					45.52	43.25	1.65	9.24 S 1.24	Run of Mine ("JINGLE POT" Seam) Van.r Nanaimo Coal Coy) Clapp. 1915.
Wellington Mines					52.64	38.03	2.75	6.58	Geological Survey of Canada 1909 B.T.U. 12567
- Do -				?	56.40	25.30	8.57	9.52	Report by the U.S. Bureau of Equipment. Washington 1895.
- Do -					46.16	36.85	4.14	12.85	- Do - 1899.
Nanaimo, B.C.					47.70	39.70	1.60	10.10 S. 0.90	Douglas Seam No 1 Shaft Western Fuel Coy Commercial Coal D.G. Survey B.T.U. 12830
- Do -					54.67	33.27	1.88	9.40	- Do - - Do - B.T.U. 12672
- Do -					54.79	35.84	2.86	5.50	Newcastle Seam. - Do - " 12951
South Wellington					56.23	33.30	1.54	8.44 S. 0.49	Douglas Seam Run of Mine Pacific Coast Coal Mines (Clapp) D.G. Survey 1915.
- Do -					54.99	32.92	1.91	10.18	Sample from Bore Hole at Cassidys. Granby Mining Coy.

42 (4)

— E. PRIEST. B.C.L.S. & ME. —
VANCOUVER, B.C.

CX - CAMPBELL RIVER 48 (4) A

VANCOUVER MAP & BLUE PRINT CO. L.C. 10-48.

M1