fig. 5/694
M1
ANDERSON AREA PROFILE
SECTION D- D′
SCALE
0 50 100 200 300 400 500 1000 Feet
DRG. No. P-006
Series DRG. No. D206
Borehole TSO-1
refer to 198-Map-4/I by Curcio.
Feet A.S.L.
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
Sea Level
-100
-200
-300
-400
-500
-600
-700
-800
CREEK
BASALT
K
Cm
TSOLUM No.1
Overburden
Sh
SS
Carb Sh-coal str
Sh-coal str
Sh Coal layers
Basalt
T.D.
TSOLUM RIVER
Cm ?
TSOLUM
TSOLUM No.1
RIVER
NORTHLY LAKE
TSOLUM RIVER PROFILE
AREA MAP
0 1/8 1/4 1/2 3/4 1 Mile
0 500 1000 2000 3000 4000 5000 Feet
CHEM-TECH
INDUSTRIAL DESIGNS LIMITED

# CUMBERLAND AREA

COMOX LAKE

PUNTLEDGE RIVER

TSABLE RIVER

Cm Ti K Hs Ep Cd

A A' B B' C C' D D' E E' F F' G G' H H'

BROWN'S No. 2 — 0.9 795 | 1.5 820 | 0.8 827.5 | 0.3 835 | 0.6 866.5 | 0.3 877.6 | 1.0 892 | 1.1 906 | Km 405 | T.D. 425

BROWN'S No. 1 — 3.8 81 | 1.5 83 | 3.0 171.5 | 2.8 240.5 | 1.0 244 | 2.4 308 | 1.4 433 | 2.0 434.5 | 3.0 563 | 2.0 644 | 4.0 650 | Km 695 | T.D. 717

BEVAN Pile

SHAFT 7

SHAFT 1

SLOPE 1

SLOPE 2

SLOPE 15

SLOPE 16

PIGEON POND — Pigeon Piles N.E.-N.W.

Pigeon Piles S.E.-S.W.

Comox Pile

China Town Pile

HAMILTON LAKE

TEAL LAKE

MAPLE LAKE

ALLEN LAKE

NC Basalt 46' — Basalt 266'

NC Basalt 91' — Basalt 320' — Basalt 110' — Basalt 116'

NC Basalt 92'

Prospect Tunnel (60') Coal 1'-6" Sh Coal 1'-4" Coal 2'-2"

ALLEN No. 1 — 18 604.3 | 13 615 | 19 784 | 0.8 790 | 1.5 885.5 | Tr. 896 | 1.0 898 | 9.2 909 | 1.5 911.5 | 1.4 913.7 | 1.4 915.1 | 1.2 916.3 | 1.0 917 | 0.7 917.7 | Km 918 | 1.2 926.2 | 1.0 927.2 | 0.8 928 | 1.0 943 | 0.8 945 | Km 963 | T.D. 980

TRENT No. 2 — 0.8 244 | 1.0 256.5 | 1.0 287.5 | 4.5 335.8 | 2.8 339.3 | 1.5 340 | 1.8 503.8 | 1.6 505 | 2.0 510.8 | 1.5 513 | Km 525 | T.D. 535

TRENT No. 1 — N.C. Carb. Sh 636 | Km 651 | T.D. 664

BRADLEY No. 1 — 2.0 20 | 1.0 29 | 1.0 36.5 | 1.4 47 | 1.0 107 | 1.2 113 | 0.7 117 | 1.6 186 | 1.1 268 | 1.0 343 | 0.8 345 | Km 363 | T.D. 380

BRADLEY No. 2 — L.N.C. T.D. 65

BLODEL No. 1 — N.C. T.D. 537

Legend

Tertiary

Upper Cretaceous

Jurassic & Triassic

NOTE: CONTOURS SHOWN ON TOP OF 1st COAL SEAM

# CUMBERLAND AREA

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

CX-Holes

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log (Coal seam thickness(ft) / Depth of seam(ft))
- X-Section
- Slack Waste Piles

| | | |
|---|---|---|
| 3.6 | 282 | Km - Karmutsen |
| Tr. | 380 | Tr. - Trace |
| Km | 401 | T.D. - Total Depth |
| T.D. | 474 | |

A A'

Cx - Comox General 7.6(3)A

| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| CUMBERLAND and T'SABLE AREA Geology - Bore Holes - Property Boundary - Slack Waste Location | | |
| Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By: JAE |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5A |

694 M26

Cross Sections in Cumberland area come from this map.

Comox / CUMBERLAND

Fig. 40 SB

NOTE: CONTOURS SHOWN ARE TOP OF 1st COAL SEAM

| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| CUMBERLAND and T'SABLE AREA 1st Coal Seam Contours | | |
| Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: Date Rev. |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5B |

MAP 5A

REGAN LAKE

TSOLUM

RIVER

TSOLUM No. 1

| | |
|---|---|
| 1.5 | 175 |
| 3.0 | 325 |
| 1.0 | 2245 |
| 1.0 | 2315 |
| 0.8 | 276 |
| Km | 343 |
| T.D. | 365 |

TSO-1

NORTLY LAKE

BLACK CREEK

CONSTITUTION HILL

TSOLUM

WOLF LAKE

ANDERSON LAKE

HEADQUARTERS CREEK

HEADQUARTERS No. 1 — HC-1

| | |
|---|---|
| N.C. | |
| T.D. | 718 |

DOVE No. 1

| | |
|---|---|
| 3.0 | 675 |
| 1.8 | 1283 |
| 1.8 | 1975 |
| 0.8 | 2777 |
| 1.0 | 2979 |
| 1.8 | 4145 |
| 2.0 | 4935 |
| Km | 581 |
| T.D. | 597 |

ANDERSON No. 1

| | |
|---|---|
| Tr. | 353 |
| 1.0 | 421.5 |
| 0.4 | 442 |
| 1.5 | 440 |
| 1.5 | 563.5 |
| 1.3 | 565.5 |
| 1.0 | 569 |
| 1.5 | 632 |
| 1.5 | 604 |
| 1.3 | 6135 |
| 0.8 | 639 |
| 1.0 | 755 |
| T.D. | 830 |

ANDERSON No. 2

| | |
|---|---|
| 1.0 | 47 |
| 1.0 | 63.8 |
| 2.0 | 108 |
| Km | 379 |
| T.D. | 400 |

ANDERSON No. 3

| | |
|---|---|
| 1.7 | 220.8 |
| T.D. | 253 |

ANDERSON No. 4

| | |
|---|---|
| 1.5 | 36.5 |
| 1.2 | 42 |
| 1.8 | 225 |
| 1.8 | 268 |
| 0.4 | 293 |
| 0.3 | 294 |
| 1.3 | 377.5 |
| 0.3 | 398 |
| Km | 433 |
| T.D. | 448 |

ANDERSON No. 5

| | |
|---|---|
| 1.0 | 182 |
| Km | 528.7 |
| T.D. | 540 |
| | 552 |

ANDERSON No. 6

| | |
|---|---|
| 3.0 | 12 |
| 1.0 | 36 |
| 2.0 | 60 |
| 2.0 | 132 |
| Km | 350 |
| T.D. | 371 |

ANDERSON No. 7

| | |
|---|---|
| 0.8 | 26.5 |
| 1.8 | 239 |
| 0.4 | 91 |
| 2.0 | 136 |
| 1.8 | 140 |
| T.D. | 192 |

ANDERSON No. 8

| | |
|---|---|
| 1.0 | 112.6 |
| 1.3 | 133.2 |
| T.D. | 253 |

ANDERSON No. 9

| | |
|---|---|
| N.C. | |
| Km | 80 |
| T.D. | 117 |

ANDERSON No. 10

| | |
|---|---|
| N.C. | |
| Km | 30 |
| T.D. | 185 |

ANDERSON No. 11

| | |
|---|---|
| N.C. | |
| Km | 42 |
| T.D. | 52 |

BROWN'S No. 1

| | |
|---|---|
| 1.3 | 81 |
| 1.5 | 83 |
| 2.0 | 171.5 |
| 2.8 | 240.5 |
| 1.0 | 244 |
| 2.0 | 308 |
| 1.4 | 433 |
| 2.0 | 4345 |
| 3.6 | 563 |
| 2.0 | 644 |
| 4.0 | 650 |
| Km | 695 |
| T.D. | 717 |

BROWN'S No. 2

| | |
|---|---|
| 0.9 | 78.8 |
| 1.5 | 129 |
| 0.8 | 223.2 |
| 1.3 | 227.6 |
| 0.3 | 231.3 |
| 2.0 | 233 |
| 0.6 | 326.5 |
| 0.5 | 8276 |
| 1.0 | 362 |
| Tr. | 366 |
| Km | 403 |
| T.D. | 425 |

BROWN'S No. 3

| | |
|---|---|
| 3.0+0.5 pts | 106.5 |
| 1.3 | 110.7 |
| 1.0 | 121 |
| 1.0 | 143 |
| 2.0 | 189.5 |
| 1.0 | 278.8 |
| 3.0+0.5 pts | 284.8 |
| 3.0 | 388 |
| Km | 408 |
| T.D. | 430 |

Assumed Trail of A Zoological Camp

JACKPOT CREEK

PIERCY CREEK

DOLE CREEK

RIVER

ANDERSON AREA

Tp. 4

Tp. 7

Tp. 6

Cm

K

Ti

D

D'

E

E'

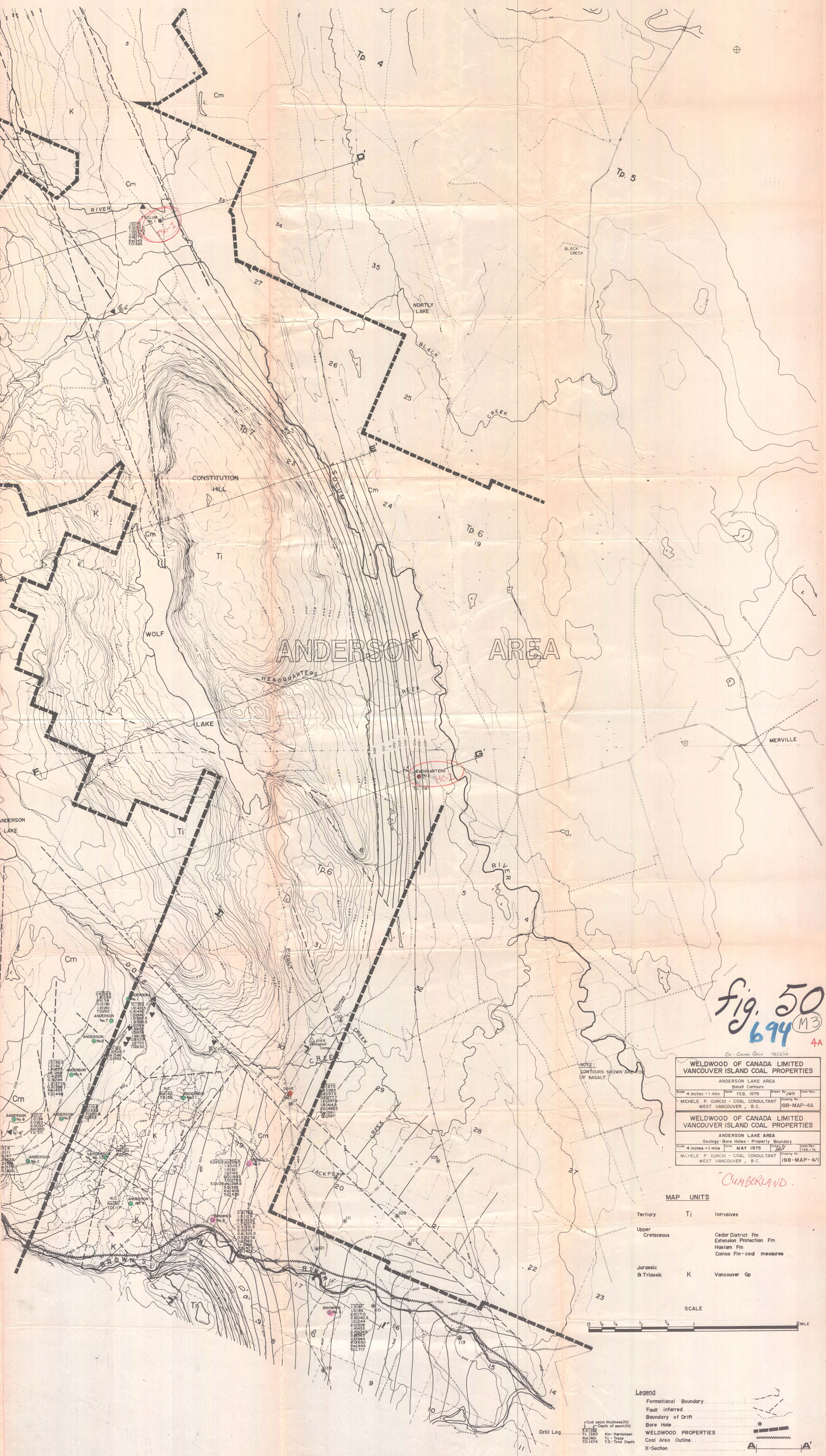
F

F'

G

G'

Drill




MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | | Cedar District Fm<br>Extension Protection Fm<br>Haslam Fm<br>Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

ANDERSON LAKE AREA
Basalt Contours

| Scale | Date | Drawn By | Date Rev. |
|---|---|---|---|
| 4 inches = 1 mile | FEB. 1976 | JWR | |

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-4A

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary

| Scale | Date | Drawn By | Date Rev. |
|---|---|---|---|
| 4 inches = 1 mile | MAY 1975 | JWR | FEB./76 |

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-4/1

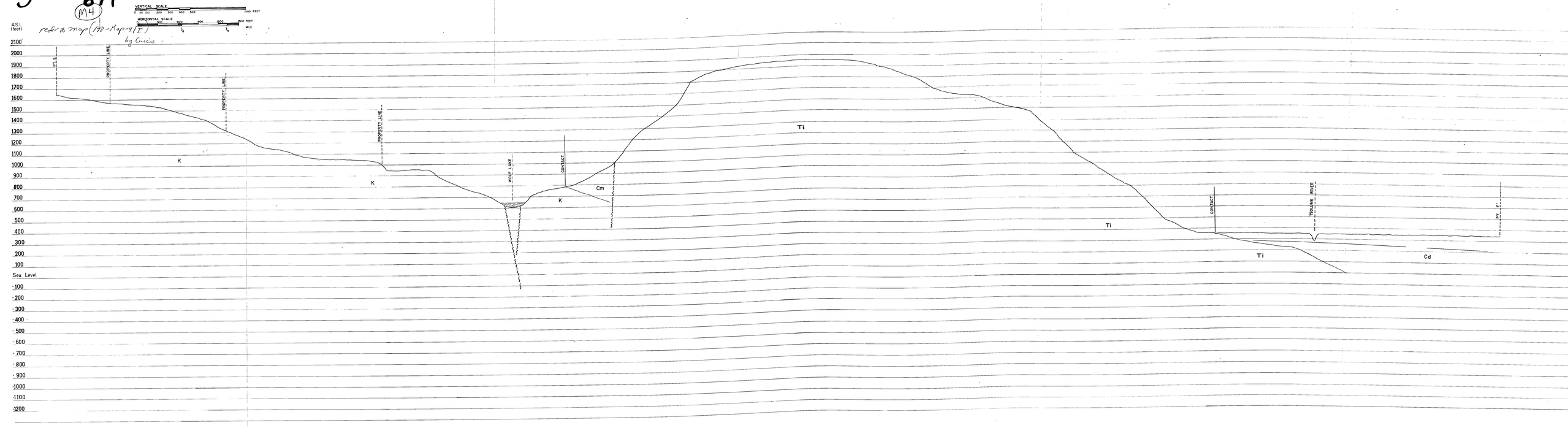
fig. 50
694 (M3)
4A

Cx - Comp Geol 75(2)A

fig. 52 694

M4

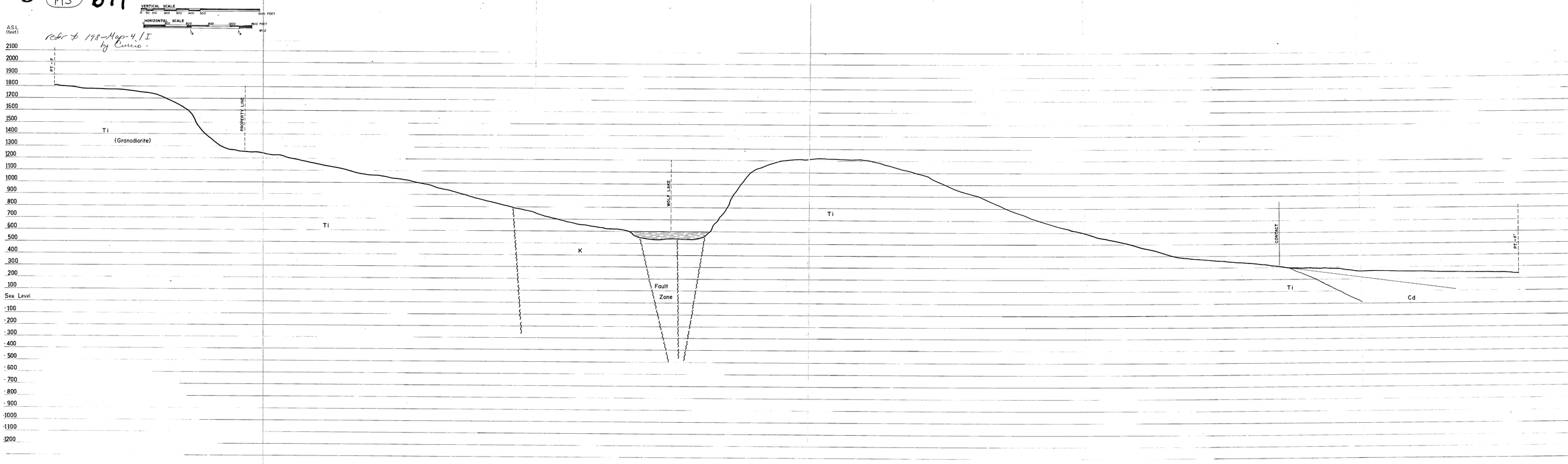
# ANDERSON AREA PROFILE
## SECTION E-E'



Ck - Comox General T.(5)A

fig. 53 (M5) 694

# ANDERSON AREA PROFILE
SECTION F-F'



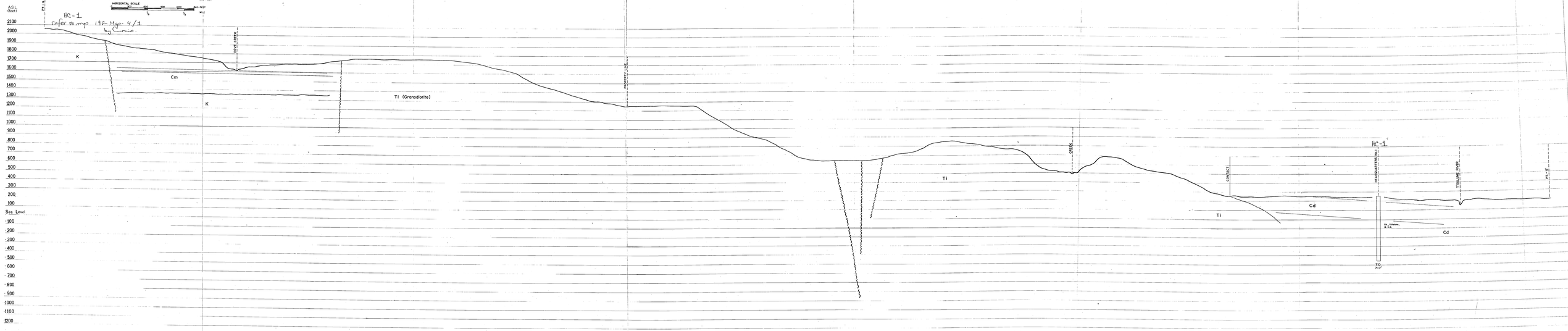

refer to 198-Map-4/I by Curcio.

fig. 54
(M6) 694

# ANDERSON AREA PROFILE
## SECTION G-G'

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 500 1000 2000 3000 4000 FEET
0 1/8 1/4 1/2 MILE



Ex. Comm. General Tulsa

fig. 55

694

M7

# ANDERSON AREA PROFILE
## SECTION H-H'

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 500 1000 2000 3000 4000 5000 FEET
0 1/8 1/4 MILE

Boreholes AL-2, AL-6, AL-3, AL-4, AL-5, AL-7, AL-1, refer to map 198-Map-4/1 Enviro

ASL (feet)
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
Sea Level
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200

PT-H

BROWN'S CREEK

CREEK

AL-2
ANDERSON NO. 2
Coal & Sh.
Coal & Sh.
S.S.
Carb. Sh. & S.S.
Carb. Sh.
Sh., Siltstone, & Sh.
Siltstone & S.S.
T.D. 400'
Cm
K

AL-6
ANDERSON NO. 6
Coal & Carb. Sh.
Sh. & Siltstone
S.S. & Cgl.
Basalt
T.D. 372'
Cm
K

AL-3
ANDERSON NO. 3
Sh. & S.S.
Sh. & S.S.
Sh. & S.S.
Carb. Sh. & Siltstone
7' Coal
Carb. Sh.
S.S. & Siltstone
4' Coal & Sh.
Sh.
S.S.
Basalt
T.D. 360'
Cm
K

AL-4
ANDERSON NO. 4
Carb. Sh.
7' Coal
Carb. Sh.
S.S.
S.S. & Sh.
Carb. Sh.
Siltstone
S.S.
5' Coal & Sh.
S.S. & Sh.
Basalt
T.D. 448'
Cm
K

PROPERTY LINE

AL-5
ANDERSON NO. 5
Carb. Sh.
Carb. Sh., Coal, & S.S.
S.S.
Sh.
9-19 ft. Coal, & Sh.
Carb. Sh., Coal, & Siltstone
Coal & Sh.
Coarse S.S. & Siltstone
Basalt
T.D. 547'
Cm
K

AL-7
ANDERSON NO. 7
S.S.
S.S. & Sh.
Carb. Sh. & 2' Coal
S.S.
T.D. 189'
Cm
K ?

AL-1
ANDERSON NO. 1
S.S.
Carb. Sh.
S.S.
Carb. Sh. & Siltstone
S.S. & Sh.
Carb. Sh. & Siltstone
S.S. & Siltstone
Carb. Sh. & S.S.
T.D. 830'
Cm
K ?

DOVE CREEK

Ti

PT-H'

Cx. Camas General TC(3)A

fig. 56

694

(M8)

# ANDERSON AREA PROFILE

SECTION 1 - 1'

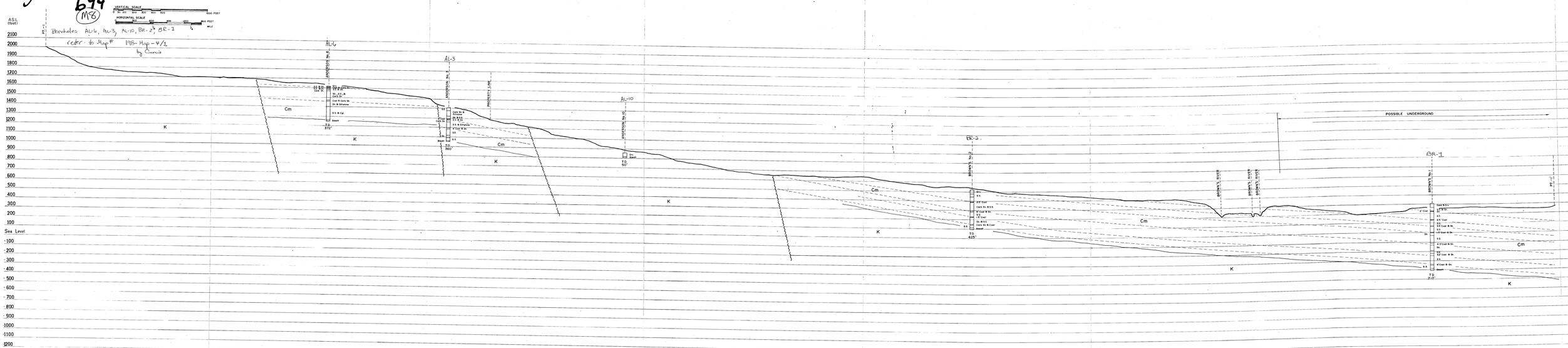
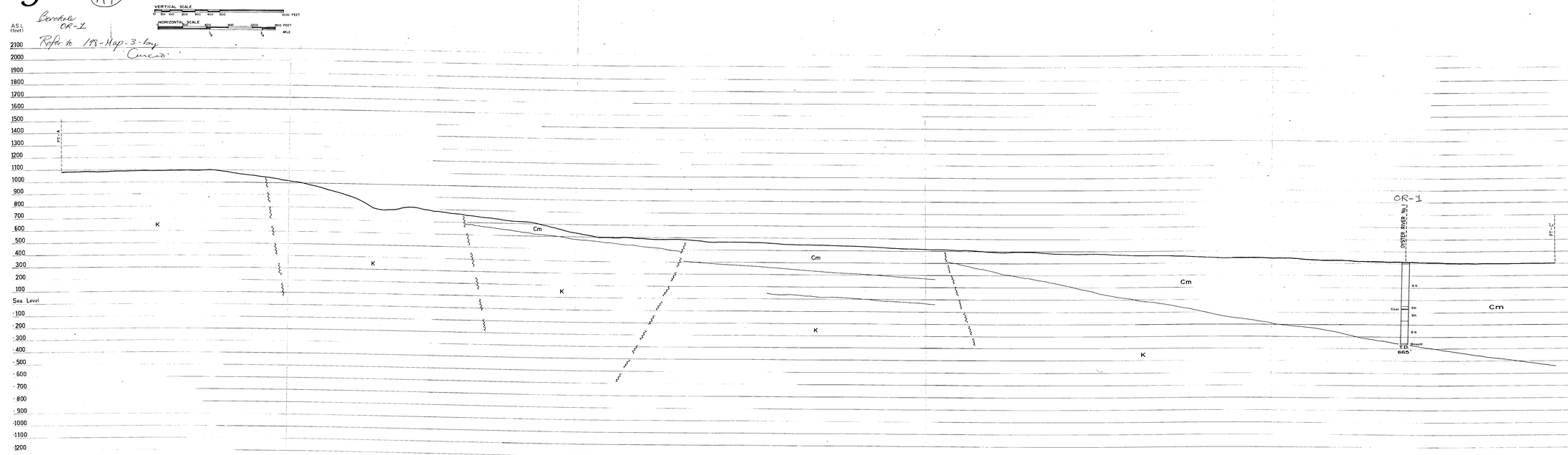


fig. 59 694 (M9)

# ANDERSON AREA PROFILE
## SECTION A-A'



Cx - Conn Geneva TS/2/2

fig. 60 694

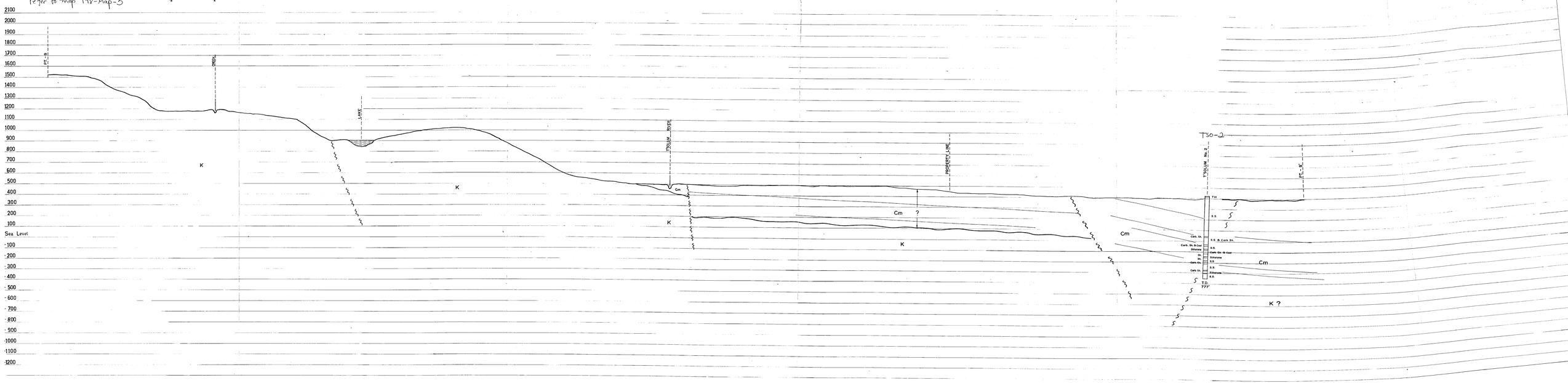
M10

Bachsb. TSO-2

refer to map 198-Map-3

# ANDERSON AREA PROFILE

SECTION B-B'



## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm. |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log — Coal seam thickness(ft) / Depth of seam(ft): 3.6 | 282; Tr. | 380; Km | 401; T.D. | 474 — Km - Karmutsen; Tr. - Trace; T.D. - Total Depth
- X-Section A A'
- Slack Waste Piles

CUMBERLAND AREA

TSABLE RIVER AREA

COMOX LAKE

COURTENAY

CUMBERLAND

ROYSTON

BEVAN

PUNTLEDGE

TEAK LAKE

MAPLE LAKE

PIGEON ROAD

TRENT RIVER

ALLEN LAKE

BLODEL

BRADLEY

BROWN'S

SHAFT 7

SHAFT 6

SLOPE 1

SLOPE 2

SLOPE 3

SLOPE 4

SLOPE 5

Bevan Pile

Pigeon Piles N.E.-N.W.

Pigeon Piles S.E.-S.W.

Chinatown Pile

NOTE:
CONTOURS SHOWN ARE TOP OF 2nd COAL SEAM

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and TSABLE AREA
2nd Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C. | Drawing No. 198-MAP-5C

Cx - Comox General 75(3)A

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and T'SABLE AREA
Geology - Bore Holes - Property Boundary - Slack Waste Location

Scale 4 inches = 1 mile | Date: APRIL 1975 | Drawn By

MICHELE P CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C. | Drawing No. 198-MAP-5

5 M11

fig. 61

5C

M11B

COMOX LAKE

CUMBERLAND AREA

TSABLE RIVER A

Ter

Upp
C

Jura
& Tr

Legen
F
Fi
B
23
B
C
W
G

0 1/8 1/4

NOTE:
CONTOURS SHOWN A
OF 2nd COAL SEAM

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Coal Area Outline
- Drill Log — Coal seam thickness(ft) / Depth of seam(ft); Tr. 36 / 282; Km 380; Km 401 Tr. - Trace; T.D. 474 T.D. - Total Depth
- X-Section A — A'
- Slack Waste Piles

CUMBERLAND AREA

TSABLE RIVER AREA

COMOX LAKE

BEVAN

COURTENAY

CUMBERLAND

ROYSTON

PIGEON POND

TEAL LAKE

MAPLE LAKE

ALLEN LAKE

HUNTLEDGE

PUNTLEDGE

PUMPTOCK

SHAFT 7

SLOPE

Bevan Pile

Pigeon Pile N.E.-N.W.

Pigeon Pile S.E.-S.W.

Comox Pile

China Town Pile

Slope 2

Mine No. 5

Mine No. 6

Mine No. 7

Mine No. 8

Mine No. 9

Mine No. 10

Mine No. 11

Mine No. 12

Mine No. 13

Mine No. 14

Mine No. 15

Mine No. 16

Mine No. 17

Mine No. 18

Mine No. 19

Mine No. 20

Mine No. 21

Mine No. 22

Mine No. 23

Mine No. 24

Mine No. 25

Mine No. 26

Mine No. 27

Mine No. 28

Mine No. 29

Mine No. 30

Mine No. 31

Mine No. 32

Mine No. 33

Mine No. 34

Mine No. 35

Mine No. 36

Mine No. 37

Mine No. 38

Mine No. 39

Mine No. 40

Mine No. 41

Mine No. 42

Mine No. 43

Mine No. 44

Mine No. 45

Mine No. 46

Mine No. 47

Mine No. 48

Mine No. 49

Mine No. 50

Mine No. 51

Mine No. 52

Mine No. 53

Mine No. 54

Mine No. 55

Mine No. 56

Mine No. 57

Mine No. 58

Mine No. 59

Mine No. 60

Mine No. 61

Mine No. 62

Mine No. 63

Mine No. 64

Mine No. 65

Mine No. 66

Mine No. 67

Mine No. 68

Mine No. 69

Mine No. 70

Mine No. 71

Mine No. 72

Mine No. 73

Mine No. 74

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Mine No. 76

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Mine No. 78

Mine No. 79

Mine No. 80

Mine No. 81

Mine No. 82

Mine No. 83

Mine No. 84

Mine No. 85

Mine No. 86

Mine No. 87

Mine No. 88

Mine No. 89

Mine No. 90

Mine No. 91

Mine No. 92

Mine No. 93

Mine No. 94

Mine No. 95

Mine No. 96

Mine No. 97

Mine No. 98

Mine No. 99

Mine No. 100

Mine No. 101

Mine No. 102

Mine No. 103

Mine No. 104

Mine No. 105

Mine No. 106

Mine No. 107

Mine No. 108

Mine No. 109

Mine No. 110

Mine No. 111

Mine No. 112

Mine No. 113

Mine No. 114

Mine No. 115

Mine No. 116

Mine No. 117

Mine No. 118

Mine No. 119

Mine No. 120

Mine No. 121

Mine No. 122

Mine No. 123

Mine No. 124

Mine No. 125

Mine No. 126

Mine No. 127

Mine No. 128

Mine No. 129

Mine No. 130

Mine No. 131

Mine No. 132

Mine No. 133

Mine No. 134

Mine No. 135

Mine No. 136

Mine No. 137

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Mine No. 140

Mine No. 141

Mine No. 142

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Mine No. 166

Mine No. 167

Mine No. 168

Mine No. 169

Mine No. 170

Mine No. 171

Mine No. 172

Mine No. 173

Mine No. 174

Mine No. 175

Mine No. 176

Mine No. 177

Mine No. 178

Mine No. 179

Mine No. 180

Mine No. 181

Mine No. 182

Mine No. 183

Mine No. 184

Mine No. 185

Mine No. 186

Mine No. 187

Mine No. 188

Mine No. 189

Mine No. 190

Mine No. 191

Mine No. 192

Brown's No. 1 — 0.9 792; 1.5 729; 0.8 2276; 0.3 2235; 0.6 2969; 0.3 3376; LC 382; LC 388; Km 405; T.D. 425

Brown's No. 2

Brown's No. 3 — 1.3 81; 0.5 83; 2.0 1715; 2.8 2405; 1.0 244; 2.0 308; 1.4 433; 2.0 434.5; 3.0 563; 2.0 644; 4.0 650; Km 695; T.D. 717

Trent 2 — 0.8 244; 1.0 1826.5; 1.0 2875; 1.5 3358; 2.0 3393; 1.5 4385; 1.6 5095; 2.0 5108; 1.5 513; Km 525; T.D. 1335

Allen 1 — 1.8 60.7; 1.3 63; 1.9 284; 0.8 290; 1.5 3885; 7.4 476; 1.0 478; 5.2 480; 1.5 487.5; 4 489.7; Km 509; T.D. 520

Bradley No. 1 — 2.0 20; 1.0 25; 1.0 345; 1.4 [illegible]; 1.0 [illegible]; 1.5 [illegible]; Km 117; 1.8 [illegible]; 1.9 262; 1.0 343; 0.8 345; Km 363; T.D. 380

Bradley — E.N.C. T.D. 65

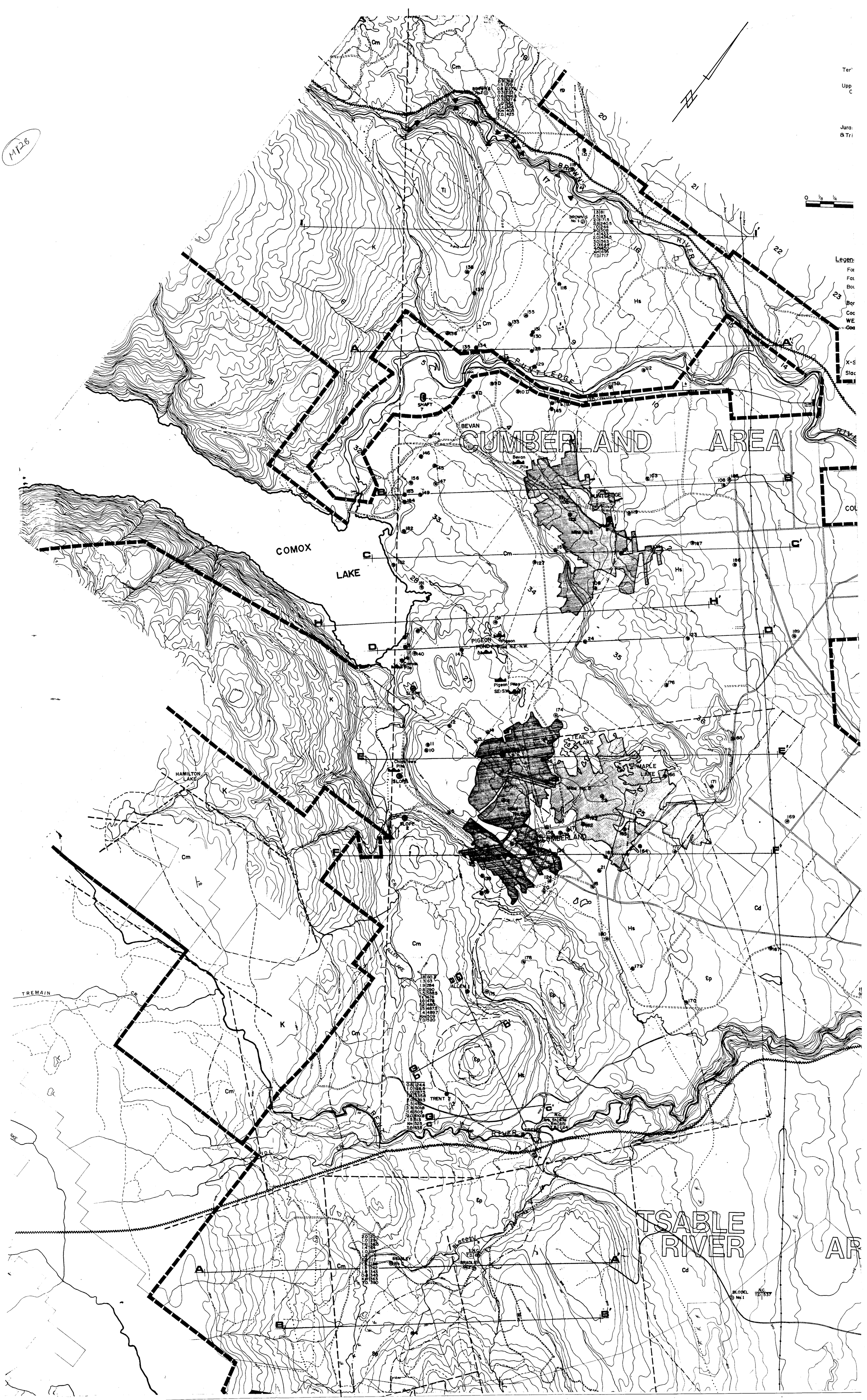
Bloedel No. 1 — N.C. T.D. 537

N.C. — Sch. Sh. 634; Km 661; T.D. 664

Cx Comox General 75(?)11

| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| "2 UPPER SEAM COAL WORKINGS - MINES 5, 6, 8. CUMBERLAND AREA | | |
| Scale 1 inches = 1 mile | Date JULY 1975 | Drawn By MRLE |
| MICHELE P CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No. 198-MAP-8 |

694 (M12)
fig. 62



CUMBERLAND AREA
COMOX LAKE
BEVAN
PUNTLEDGE
PIGEON POND
TEAL LAKE
MAPLE LAKE
HAMILTON LAKE
TREMAIN CR.
TSABLE RIVER
BROWN'S RIVER
ALLEN LAKE
TRENT
BLODEL

Tertiary
Legend
Bore
Coal
CUMBERLAND AREA
TSABLE RIVER
COMOX LAKE
BROWN'S RIVER
BROWN'S No. 2
BROWN'S No. 1
PUNTLEDGE
SHAFT 7
BEVAN
Bevan Pile
PUNTLEDGE
SHAFT 1
PIGEON POND
Pigeon Piles N.E.-N.W.
Pigeon Piles SE-SW
Comox Pile
Chinatown Pile
SLOPE 1
SLOPE 2
SLOPE 5
TEAL LAKE
MAPLE LAKE
CUMBERLAND
HAMILTON LAKE
ALLEN LAKE
ALLEN
Prospect Tunnel (60')
Coal · 1'-6"
Sh Coal 1'-4"
Coal 3'-2"
TREMAIN CR.
TRENT
TRENT RIVER
BRADLEY No. 2
BLODEL No. 1
NOTE:

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log — Coal seam thickness(ft) / Depth of seam(ft); Km - Karmutsen, Tr. - Trace, T.D. - Total Depth
- X-Section A — A'
- Slack Waste Piles

CUMBERLAND AREA

TSABLE RIVER AREA

COMOX LAKE

COURTENAY

CUMBERLAND

ROYSTON

BEVAN

TRENT

TEAL LAKE

MAPLE LAKE

PIGEON POND

ALLEN LAKE

PUNTLEDGE

BROWN'S

BRADLEY

BLODEL

NOTE:
CONTOURS SHOWN ARE TOP OF 3rd COAL SEAM

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and T'SABLE AREA
3rd Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1975 | Drawn By: | Date Rev.

MICHELE P CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-5D

fig. 63

Cx - Comox General 75(2)A

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and T'SABLE AREA
Geology - Bore Holes - Property Boundary - Slack Waste Location

Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By: | Drawing No.: 198-MAP-5

MICHELE P CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C.

694
M13

fig. 63

TSABLE RIVER

COMOX LAKE

CUMBERLAND AREA

HAMILTON LAKE

MAPLE LAKE

TEAL LAKE

ALLEN LAKE

BROWN'S

PUNTLEDGE

TRENT

TREMAIN

BLOEDEL No. 1 TD 537

BRADLEY No. 1 TD 630

BEVAN

SLOPE

SHAFT

0 1/8 1/4

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log (Coal seam thickness(ft) / Depth of seam(ft); Tr. - Trace; Km - Karmutsen; T.D. - Total Depth)
- X-Section
- Slack Waste Piles

BROWN'S No. 2: 0.9 795; 1.5 778; 0.8 2276; 0.3 2293; 0.6 2963; 0.3 3276; Lo 362; Tr. 366; Km 403; T.D. 425

BROWN'S No. 1: 1.8 181; 1.5 183; 2.0 1715; 3.8 2405; 1.0 2444; 2.0 3038; 1.4 3433; 2.0 4345; 3.0 5633; 2.0 6447; 4.0 6850; Km 6955; T.D. 7177

BEVAN SHAFT 7

PUNTLEDGE SHAFT 8

PIGEON No. 2 Mine; Pigeon Pile; Pigeon Mine No. 1 Pile; Pigeon Mine No. 3 Pile; Pigeon Mine No. 4 Pile; Pigeon Mine No. 5 Pile; Pigeon Mine No. 6 Pile; Pigeon Mine No. 7 Pile; Pigeon Mine No. 8 Pile; Pigeon Mine No. 9 Pile; Pigeon Mine No. 10 Pile; Pigeon Mine No. 11 Pile; Pigeon Mine No. 12 Pile; Pigeon Mine No. 13 Pile; Pigeon Mine No. 14 Pile; Pigeon Mine No. 15 Pile; Pigeon Mine No. 16 Pile; Pigeon Mine No. 17 Pile; Pigeon Mine No. 18 Pile; Pigeon Mine No. 19 Pile; Pigeon Mine No. 20 Pile; Pigeon Mine No. 21 Pile; Pigeon Mine No. 22 Pile; Pigeon Mine No. 23 Pile; Pigeon Mine No. 24 Pile; Pigeon Mine No. 25 Pile; Pigeon Mine No. 26 Pile; Pigeon Mine No. 27 Pile; Pigeon Mine No. 28 Pile; Pigeon Mine No. 29 Pile; Pigeon Mine No. 30 Pile; Pigeon Mine No. 31 Pile; Pigeon Mine No. 32 Pile; Pigeon Mine No. 33 Pile; Pigeon Mine No. 34 Pile; Pigeon Mine No. 35 Pile; Pigeon Mine No. 36 Pile; Pigeon Mine No. 37 Pile; Pigeon Mine No. 38 Pile; Pigeon Mine No. 39 Pile; Pigeon Mine No. 40 Pile; Pigeon Mine No. 41 Pile; Pigeon Mine No. 42 Pile; Pigeon Mine No. 43 Pile; Pigeon Mine No. 44 Pile; Pigeon Mine No. 45 Pile; Pigeon Mine No. 46 Pile; Pigeon Mine No. 47 Pile; Pigeon Mine No. 48 Pile; Pigeon Mine No. 49 Pile; Pigeon Mine No. 50 Pile; Pigeon Mine No. 51 Pile; Pigeon Mine No. 52 Pile; Pigeon Mine No. 53 Pile; Pigeon Mine No. 54 Pile; Pigeon Mine No. 55 Pile; Pigeon Mine No. 56 Pile; Pigeon Mine No. 57 Pile; Pigeon Mine No. 58 Pile; Pigeon Mine No. 59 Pile; Pigeon Mine No. 60 Pile; Pigeon Mine No. 61 Pile; Pigeon Mine No. 62 Pile; Pigeon Mine No. 63 Pile; Pigeon Mine No. 64 Pile; Pigeon Mine No. 65 Pile; Pigeon Mine No. 66 Pile; Pigeon Mine No. 67 Pile; Pigeon Mine No. 68 Pile; Pigeon Mine No. 69 Pile; Pigeon Mine No. 70 Pile; Pigeon Mine No. 71 Pile; Pigeon Mine No. 72 Pile; Pigeon Mine No. 73 Pile; Pigeon Mine No. 74 Pile; Pigeon Mine No. 75 Pile; Pigeon Mine No. 76 Pile; Pigeon Mine No. 77 Pile; Pigeon Mine No. 78 Pile; Pigeon Mine No. 79 Pile; Pigeon Mine No. 80 Pile; Pigeon Mine No. 81 Pile; Pigeon Mine No. 82 Pile; Pigeon Mine No. 83 Pile; Pigeon Mine No. 84 Pile; Pigeon Mine No. 85 Pile; Pigeon Mine No. 86 Pile; Pigeon Mine No. 87 Pile; Pigeon Mine No. 88 Pile; Pigeon Mine No. 89 Pile; Pigeon Mine No. 90 Pile; Pigeon Mine No. 91 Pile; Pigeon Mine No. 92 Pile; Pigeon Mine No. 93 Pile; Pigeon Mine No. 94 Pile; Pigeon Mine No. 95 Pile; Pigeon Mine No. 96 Pile; Pigeon Mine No. 97 Pile; Pigeon Mine No. 98 Pile; Pigeon Mine No. 99 Pile; Pigeon Mine No. 100 Pile; Pigeon Mine No. 101 Pile; Pigeon Mine No. 102 Pile; Pigeon Mine No. 103 Pile; Pigeon Mine No. 104 Pile; Pigeon Mine No. 105 Pile; Pigeon Mine No. 106 Pile; Pigeon Mine No. 107 Pile; Pigeon Mine No. 108 Pile; Pigeon Mine No. 109 Pile; Pigeon Mine No. 110 Pile; Pigeon Mine No. 111 Pile; Pigeon Mine No. 112 Pile; Pigeon Mine No. 113 Pile; Pigeon Mine No. 114 Pile; Pigeon Mine No. 115 Pile; Pigeon Mine No. 116 Pile; Pigeon Mine No. 117 Pile; Pigeon Mine No. 118 Pile; Pigeon Mine No. 119 Pile; Pigeon Mine No. 120 Pile; Pigeon Mine No. 121 Pile; Pigeon Mine No. 122 Pile; Pigeon Mine No. 123 Pile; Pigeon Mine No. 124 Pile; Pigeon Mine No. 125 Pile; Pigeon Mine No. 126 Pile; Pigeon Mine No. 127 Pile; Pigeon Mine No. 128 Pile; Pigeon Mine No. 129 Pile; Pigeon Mine No. 130 Pile; Pigeon Mine No. 131 Pile; Pigeon Mine No. 132 Pile; Pigeon Mine No. 133 Pile; Pigeon Mine No. 134 Pile; Pigeon Mine No. 135 Pile; Pigeon Mine No. 136 Pile; Pigeon Mine No. 137 Pile; Pigeon Mine No. 138 Pile; Pigeon Mine No. 139 Pile; Pigeon Mine No. 140 Pile; Pigeon Mine No. 141 Pile; Pigeon Mine No. 142 Pile; Pigeon Mine No. 143 Pile; Pigeon Mine No. 144 Pile; Pigeon Mine No. 145 Pile; Pigeon Mine No. 146 Pile; Pigeon Mine No. 147 Pile; Pigeon Mine No. 148 Pile; Pigeon Mine No. 149 Pile; Pigeon Mine No. 150 Pile; Pigeon Mine No. 151 Pile; Pigeon Mine No. 152 Pile; Pigeon Mine No. 153 Pile; Pigeon Mine No. 154 Pile; Pigeon Mine No. 155 Pile; Pigeon Mine No. 156 Pile; Pigeon Mine No. 157 Pile; Pigeon Mine No. 158 Pile; Pigeon Mine No. 159 Pile; Pigeon Mine No. 160 Pile; Pigeon Mine No. 161 Pile; Pigeon Mine No. 162 Pile; Pigeon Mine No. 163 Pile; Pigeon Mine No. 164 Pile; Pigeon Mine No. 165 Pile; Pigeon Mine No. 166 Pile; Pigeon Mine No. 167 Pile; Pigeon Mine No. 168 Pile; Pigeon Mine No. 169 Pile; Pigeon Mine No. 170 Pile; Pigeon Mine No. 171 Pile; Pigeon Mine No. 172 Pile; Pigeon Mine No. 173 Pile; Pigeon Mine No. 174 Pile; Pigeon Mine No. 175 Pile; Pigeon Mine No. 176 Pile; Pigeon Mine No. 177 Pile; Pigeon Mine No. 178 Pile; Pigeon Mine No. 179 Pile; Pigeon Mine No. 180 Pile; Pigeon Mine No. 181 Pile; Pigeon Mine No. 182 Pile; Pigeon Mine No. 183 Pile; Pigeon Mine No. 184 Pile; Pigeon Mine No. 185 Pile; Pigeon Mine No. 186 Pile; Pigeon Mine No. 187 Pile; Pigeon Mine No. 188 Pile; Pigeon Mine No. 189 Pile; Pigeon Mine No. 190 Pile; Pigeon Mine No. 191 Pile; Pigeon Mine No. 192 Pile; Pigeon Mine No. 193 Pile; Pigeon Mine No. 194 Pile; Pigeon Mine No. 195 Pile; Pigeon Mine No. 196 Pile; Pigeon Mine No. 197 Pile; Pigeon Mine No. 198 Pile; Pigeon Mine No. 199 Pile; Pigeon Mine No. 200 Pile

ALLEN No. 1: 1.8 60.2; 1.3 63; 1.9 284; 0.8 390; 1.5 3885; Tr. 476; 1.0 478; 3.2 483; 1.5 487.5; 1.4 489.7; Km 509; T.D. 520

TRENT No. 2: 0.8 124.4; 1.0 126.5; 1.0 287.5; Tr. 335.8; 2.0 393; 1.5 485; 3.8 501.8; 1.6 505; 2.0 510.8; 1.5 513; Km 525; T.D. 535

BRADLEY No. 1: 2.0 20; 1.0 284; 1.0 343; 1.4 344; 1.0 357; 2.5 359; 1.0 417; Tr. 418; 1.5 262; 1.0 343; 0.4 345; Km 363; T.D. 390

BRADLEY No. 2: N.C. T.D. 60

BLODEL No. 1: N.C. T.D. 537

TRENT No. 1: N.C. Fer. Sh. 636; Km. 651; T.D. 654

COMOX LAKE; BEVAN; CUMBERLAND; PUNTLEDGE; COURTENAY; LEAK LAKE; MAPLE LAKE; ROYSTON; ALLEN LAKE; TRENT RIVER; BROWN'S RIVER; PUNTLEDGE EDGE; CUMBERLAND AREA; TSABLE RIVER AREA; C.P.R.

Cx - Comox Geschist ?

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

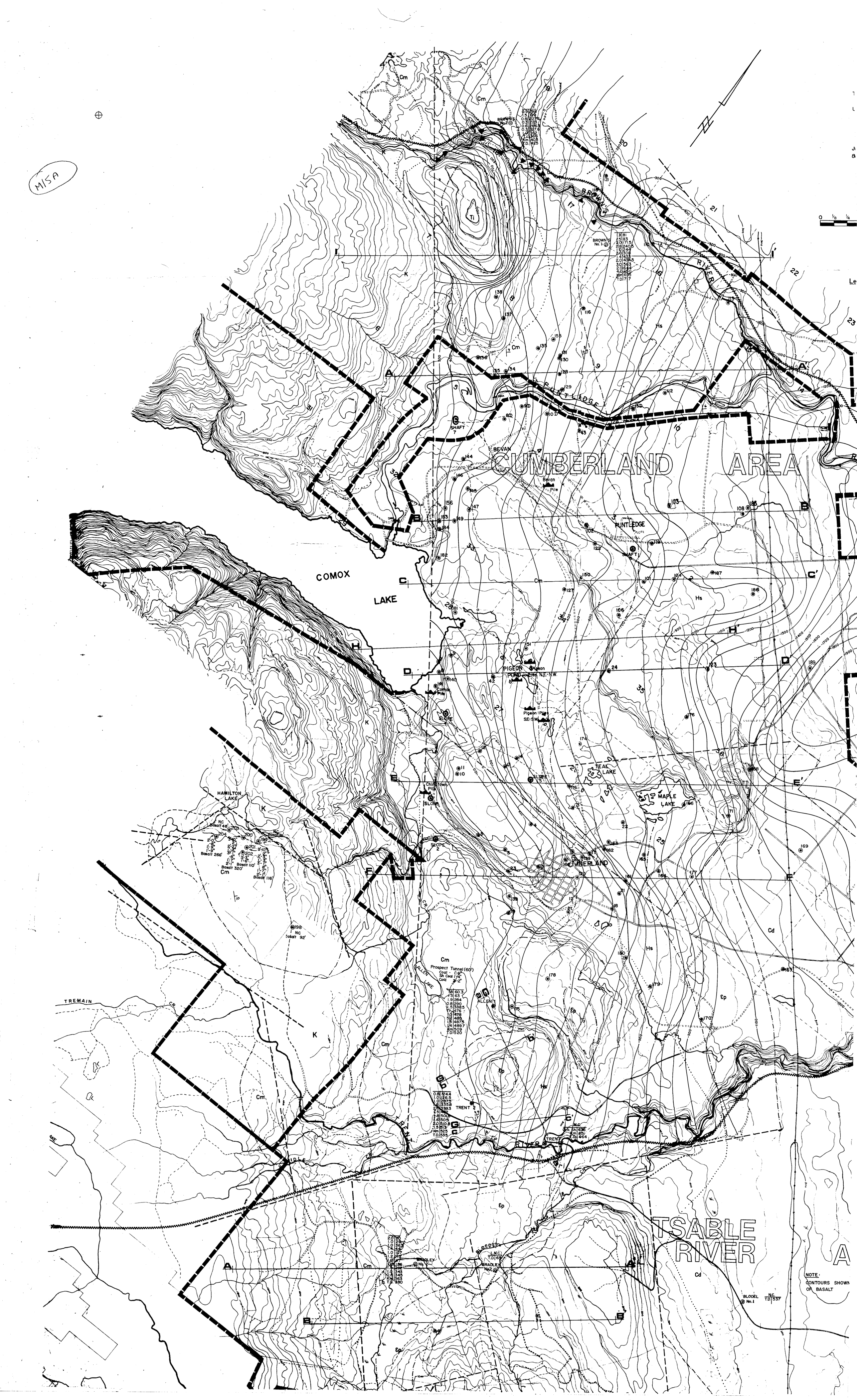
"4 LOWER SEAM COAL WORKINGS - MINES 1, 2, 4, 5, 6, 7.
CUMBERLAND AREA

Scale 4 inches = 1 mile | Date: JULY 1975 | Drawn By: MPCC

MICHELE P CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No.: 198-MAP-7

694 M14a
fig. 64



M/5A
CUMBERLAND AREA
COMOX LAKE
PUNTLEDGE
BEVAN
PIGEON POND
TEAL LAKE
MAPLE LAKE
HAMILTON LAKE
CUMBERLAND
TREMAIN
TSABLE RIVER
NOTE: CONTOURS SHOWN OF BASALT

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift - Thick alluvium and till cover
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log (Coal seam thickness(ft) / Depth of seam(ft)): 3.6 | 282 Tr. 380 Km - Karmutsen; Km 401 Tr. - Trace; T.D. 474 T.D. - Total Depth
- X-Section A–A'
- Slack Waste Piles

NOTE: CONTOURS SHOWN ARE TOP OF BASALT

# CUMBERLAND AREA

# TSABLE RIVER AREA

| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| CUMBERLAND and T'SABLE AREA Basalt Contours | | |
| Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: / Date Rev. |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5A |

| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| CUMBERLAND and T'SABLE AREA Geology - Bore Holes - Property Boundary - Slack Waste Location | | |
| Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By: |
| MICHELE P CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5 |

Cx - Comox GEN 75(2)A

694 (MIS) fig. 65

5A

M16A

Area 'E'

Area 'D'

CUMBERLAND AREA

Mined Area

Area 'C'

Area 'F'

Area 'A'

Area 'G'

Area 'B'

Area 'K'

Area 'J'

COMOX LAKE

HAMILTON LAKE

TEAL LAKE

MAPLE LAKE

PUNTLEDGE

BEVAN

CUMBERLAND

TSABLE RIVER

TREMAIN CR

TRENT RIVER

BROWN'S No 2

BROWN'S No 1

SHAFT 7

SHAFT 8

SLOPE 2

SLOPE 5

SLOPE 1

Bevan Pile

Comox Pile

Chinatown Pile

Pigeon Piles N.E.-N.W.

Pigeon Piles S.E.-S.W.

PIGEON POND

ALLEN LAKE

ALLEN 1

TRENT 2

BLODEL

BRADLEY No 1

BRADLEY No 2

BLODEL No. 1

Cm Ti K Hs Ep Cd

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover.
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Coal Area Outline
- Drill Log (Coal seam thickness(ft) / Depth of seam(ft))
  - 3.6 | 282
  - Tr. | 380 — Km - Karmutsen
  - Km | 401 — Tr. - Trace
  - T.D. | 474 — T.D. - Total Depth
- X-Section A — A'
- Slack Waste Piles

BROWN'S No.2: 0.9 | 798; 1.5 | 79; 0.8 | 227.6; 0.3 | 223; 0.6 | 266.5; 0.3 | 327.6; LC | 362; LI | 366; Km | 403; T.D. | 425

BROWN'S No. 1: 1.3 | 81; 1.5 | 83; 2.0 | 171.5; 2.8 | 240.5; 1.0 | 244; 2.0 | 308; 1.4 | 433; 2.0 | 434.5; 3.0 | 563; 2.0 | 644; 4.0 | 650; Km | 695; T.D. | 717

BEVAN Pile: 0.8 | 60; 1.3 | 63; 1.9 | 284; 0.8 | 290; 1.5 | 388.5; T.C. | 476; T.D. | 478; 3.2 | 480; 1.5 | 487.5; 1.4 | 489.7; Km | 509; T.D. | 520

PIGEON POND Piles N.E.-N.W.: 1.8 | 60; 1.3 | 63; 1.9 | 284; 0.8 | 290; 1.5 | 388.5; T.C. | 476; T.D. | 478; 3.2 | 480; 1.5 | 487.5; 1.4 | 489.7; Km | 509; T.D. | 520

Pigeon Piles SE-SW: 0.8 | 124.4; 1.0 | 126.5; 1.0 | 287.5; 1.5 | 335.8; 2.0 | 339.3; 1.5 | 479; 1.8 | 501.8; 1.6 | 505; 2.0 | 510.8; 1.5 | 513; Km | 525; T.D. | 535

TRENT 2: N.C. | Coal Sh. | 636; Tr. | 651; T.D. | 664

BRADLEY No. 1: 2.0 | 20; 1.0 | 24; 1.0 | 363; 1.4 | 44; 1.0 | 107; 1.8 | 113; 1.6 | 117; 1.5 | 186; 1.5 | 262; 1.0 | 343; 0.8 | 345; Km | 363; T.D. | 380

BRADLEY No. 2: T.D. | 65

BLODEL No. 1: N.C. | T.D. | 537

Ex - Comox General 75(2)A

694 (M16) fig. 66

| | |
|---|---|
| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | |
| RESERVE OUTLINE<br>CUMBERLAND AND T'SABLE RIVER AREA | |
| Scale: 4 inches = 1 mile | Date: SEPT. 1975 — Drawn By: |
| MICHELE P CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-13 |

CAMPBELL RIVER AREA

ANDERSON AREA

BALSAM CR.

CHUTE

WOODHUS

WOWO LAKE

OYSTER RIVER

PIGGOTT CR.

BLACK CR.

REGAN LAKE

TSOLUM RIVER

MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| | I | Intrusive-age & field relations uncertain. |
| Jurassic | Gd. D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Gp. |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

Legend

- Formational Boundary
- Fault inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River town boundary
- Coal Area Outline
- X-Section A — A'

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)

| | |
|---|---|
| 3.6 / 282 | |
| Tr. 380 | Km - Karmutsen |
| Km 401 | Tr. - Trace |
| T.D. 474 | T.D. - Total Depth |

CAMPBELL RIVER AREA

ANDERSON AREA

WOODHUS

WOWO LAKE

OYSTER RIVER

C.R.

PLEGOFF

REGAN LAKE

TSOLUM

BLACK

Cm

Tp3

Tp4

A

A'

B

B'

C

C'

3821 50E
5530 150N

3340 50E
5509 050N

3365 50E
5527 600N

OYSTER No. 1
I.P. 374
Km 639
T.D. 665

3388 00E
5503 500N

TSOLUM No. 2
Tr. 560
Tr. 612
Tr. 616
Tr. 620
T.D. 773

TSOLUM No. 1
1.5 175
3.0 192.5
1.0 224.5
1.0 231.5
0.8 276
Km 343
T.D. 1365

Cy- Comox General 75(2)A

fig. 67

M17 #694

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CAMPBELL RIVER and ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No.: 198-MAP-3

REGAN LAKE

TSOLUM RIVER

Area A

Area B

Area C

ANDERSON AREA

CONSTITUTION HILL

WOLF LAKE

ANDERSON LAKE

NORTLY LAKE

BLACK CREEK

PIERCY CREEK

JACKPOT CREEK

HEADQUARTERS CREEK

RIVER

TSOLUM No. 1

| | |
|---|---|
| 5 | 175 |
| 3.0 | 192.5 |
| 1.0 | 224.5 |
| 1.0 | 231.5 |
| 0.8 | 276 |
| Km | 343 |
| T.D. | 365 |

ANDERSON No. 1

| | |
|---|---|
| Tr | 323 |
| 1.0 | 421.5 |
| 0.4 | 440 |
| 5.0 | 440 |
| 1.5 | 563.5 |
| 1.3 | 655.5 |
| 1.0 | 989 |
| 3.6 | 992 |
| 3.6 | 1044 |
| 1.6 | 1115 |
| 0.8 | 1639 |
| 1.0 | 1753 |
| T.D. | 1834 |

ANDERSON No. 2

| | |
|---|---|
| 3.0 | 12 |
| 1.0 | 36 |
| 2.0 | 60 |
| 2.0 | 132 |
| Km | 350 |
| T.D. | 371 |

ANDERSON No. 3

| | |
|---|---|
| 0.4 | 112.4 |
| 0.5 | 133.2 |
| 3.7 | 220.8 |
| T.D. | 353 |

ANDERSON No. 4

| | |
|---|---|
| 1.5 | 365 |
| 1.2 | 442 |
| 1.8 | 225 |
| 1.8 | 268 |
| 0.4 | 293 |
| 0.5 | 294 |
| 1.3 | 377.5 |
| 0.3 | 398 |
| Km | 433 |
| T.D. | 448 |

ANDERSON No. 5

| | |
|---|---|
| 1.8 | 185 |
| 2.1 | 328.7 |
| Km | 540 |
| T.D. | 552 |

ANDERSON No. 6

| | |
|---|---|
| 4.5 | 8 |
| 4.0 | 11 |
| 3.4 | 47 |
| 1.0 | 83.8 |
| 2.0 | 108 |
| Km | 378 |
| T.D. | 400 |

ANDERSON No. 7

| | |
|---|---|
| 0.4 | 263 |
| 1.6 | 298 |
| 0.4 | 34 |
| 2.0 | 36 |
| 1.8 | 140 |
| T.D. | 192 |

ANDERSON No. 8

N.C.
Km 82
T.D. 152

ANDERSON No. 9

N.C.
Km 50
T.D. 117

ANDERSON No. 10

N.C.
Km 130
T.D. 145

BROWN'S No. 1

| | |
|---|---|
| 1.3 | 81 |
| 1.5 | 83 |
| 2.0 | 171.5 |
| 2.8 | 240.5 |
| 1.0 | 244 |
| 2.0 | 308 |
| 1.4 | 433 |
| 2.0 | 434.5 |
| 5.0 | 563 |
| 2.0 | 644 |
| 4.0 | 650 |
| Km | 695 |
| T.D. | 717 |

BROWN'S No. 2

| | |
|---|---|
| 0.8 | 79.8 |
| 1.5 | 129 |
| 0.8 | 223.2 |
| 1.3 | 267.6 |
| 0.3 | 284.3 |
| 2.0 | 293 |
| 0.8 | 220.5 |
| 0.3 | 327.5 |
| T.D. | 367 |
| Tr | 368 |
| Km | 429.7 |
| T.D. | 444 |

BROWN'S No. 3

| | |
|---|---|
| 3.0 | 0.5 pts 106.5 |
| 1.3 | 110.7 |
| 1.0 | 121 |
| 1.0 | 148 |
| 2.0 | 189.5 |
| 1.0 | 278.8 |
| 3.0 | 0.5 pts 284.8 |
| 3.0 | 383 |
| Km | 404.8 |
| T.D. | 430 |

HEADQUARTERS No. 1

NC
T.D. 718

JOVE No. 1

| | |
|---|---|
| 1.0 | 67.5 |
| 1.8 | 128.3 |
| 0.8 | 197.3 |
| 0.8 | 277.7 |
| 1.0 | 297.9 |
| 1.8 | 414.5 |
| 2.0 | 433.5 |
| Km | 581 |
| T.D. | 597 |

USFA Zoological Camp

Tp. 4
Tp. 7
Tp. 6
Tp. 6

Cm
K
Ti

Drill

# ANDERSON AREA

Area A

Area B

Area C

TSOLUM No. 1
5 175
3.0 192.5
1.0 224.5
1.0 231.5
0.8 276
Km 343
T.D. 365

HEADQUARTERS No. 1
NC
T.D. 718

ANDERSON No. 1
Tr 353
1.0 421.5
0.4 440
3.5 440
1.5 563.5
1.3 585.5
1.0 599
5.6 612
5.6 624
5.6 635
0.8 639
1.0 755
T.D. 830

ANDERSON No. 2
0.8 265
1.8 299
0.4 347
2.0 436
1.8 440
T.D. 492

ANDERSON No. 3
5 365
2.4 422
1.8 228
1.8 268
0.4 293
0.3 294
1.3 377.5
0.3 398
Km 433
T.D. 448

ANDERSON No. 4
2.4 112.8
0.5 193.7
3.7 220.8
T.D. 353

ANDERSON No. 5
1.8 182
2.2 328.7
Km 540
T.D. 552

ANDERSON No. 6
3.0 12
2.0 36
2.0 60
2.0 132
Km 350
T.D. 371

ANDERSON No. 7
T.D. 192

BROWN'S No. 1
1.3 81
1.5 83
2.0 171.5
2.8 240.5
1.0 244
2.0 308
1.4 433
2.0 565
3.0 563
2.0 644
4.0 650
Km 695
T.D. 717

BROWN'S No. 2
3.0+0.5 pts 106.5
1.3 110.7
1.0 121
1.0 145
2.0 189.5
1.0 278.8
3.0+0.5 pts 284.8
1.0 383
Km 408
T.D. 430

BROWN'S No. 3
0.8 79.8
1.5 129
0.8 223.2
1.3 267.6
0.3 234.3
2.0 238
0.6 226.5
0.3 327.8
1.0 382
T.D. 424

BROWN'S No. 4
0.5 78.8
1.5 129
0.8 223.2
1.3 267.6
0.3 234.3
2.0 238
0.6 226.5
0.3 327.8
1.0 382
T.D. 424

N.C. Km 82 T.D. 152

N.C. Km 30 T.D. 142

N.C. Km 92 T.D. 117

ANDERSON No. 8

ANDERSON No. 9

ANDERSON No. 10

ANDERSON No. 11

ANDERSON No. 12

ANDERSON No. 13

ANDERSON No. 14

ANDERSON No. 15

ANDERSON No. 16

ANDERSON No. 17

ANDERSON No. 18

ANDERSON No. 19

ANDERSON No. 20

ANDERSON No. 21

ANDERSON No. 22

ANDERSON No. 23

ANDERSON No. 24

ANDERSON No. 25

ANDERSON No. 26

ANDERSON No. 27

ANDERSON No. 28

ANDERSON No. 29

ANDERSON No. 30

ANDERSON No. 31

ANDERSON No. 32

U of A Zoological Camp

JACKPOT

GROVE

RIVER

CREEK

LAKE

MERVILLE

BLACK CREEK

NORTLY LAKE

CONSTITUTION HILL

WOLF

Tp. 4

Tp. 5

Tp. 6

Tp. 7

Cm

K

Ti

Tr

Dc

Dt

fig. 68 694

M18

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

RESERVE OUTLINE
ANDERSON LAKE AREA

Scale 4 inches = 1 mile | Date SEPT. 1975 | Drawn By: MP

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C. | Drawing No. 198-MAP-12

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | | Cedar District Fm<br>Extension Protection Fm<br>Haslam Fm<br>Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

- Formational Boundary
- Fault inferred
- Boundary of Drift
- Bore Hole
- WELDWOOD PROPERTIES
- Coal Area Outline
- X-Section A — A'

Drill Log ..... Coal seam thickness (ft) / Depth of seam (ft)
3.6 | 288
Tr. | 380
Km | 401
T.D. | 474
Km - Karmutsen
Tr - Trace
T.D. - Total Depth

REGAN LAKE
TSOLUM
RIVER
TSOLUM No. 1
Tp. 4
Cm
K
D'
NORTLY LAKE
BLACK
CREEK
Tp. 7
CONSTITUTION HILL
Ti
WOLF
LAKE
ANDERSON
HEADQUARTERS
CREEK
ANDERSON LAKE
Tp. 6
RIVER
DOVE
PIERCY
CREEK
JACKPOT
BROWN'S
RIVER
Drill Lo

# ANDERSON AREA

Tp. 4
Tp. 5
Tp. 7
Tp. 6
Cm
K
Ti
RIVER
BLACK CREEK
NORTLY LAKE
BLACK CREEK
CONSTITUTION HILL
TSOLUM
WOLF LAKE
HEADQUARTERS CREEK
HEADQUARTERS No. 3
N.C. T.D. 718
MERVILLE
BOVE CREEK
JACKPOT CREEK
PIERCY CREEK
BROWN'S
DOVE
ANDERSON No. 1
ANDERSON No. 2
ANDERSON No. 3
ANDERSON No. 4
ANDERSON No. 5
ANDERSON No. 6
ANDERSON No. 7
ANDERSON No. 9
ANDERSON No. 10
ANDERSON No. 11
BROWN'S No. 1
BROWN'S No. 2
BROWN'S No. 3
U of A Zoological Camp
TSOLUM No. 1

fig. 69 694 (M19)

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: MAY 1975 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No. 198-MAP-4

## MAP UNITS

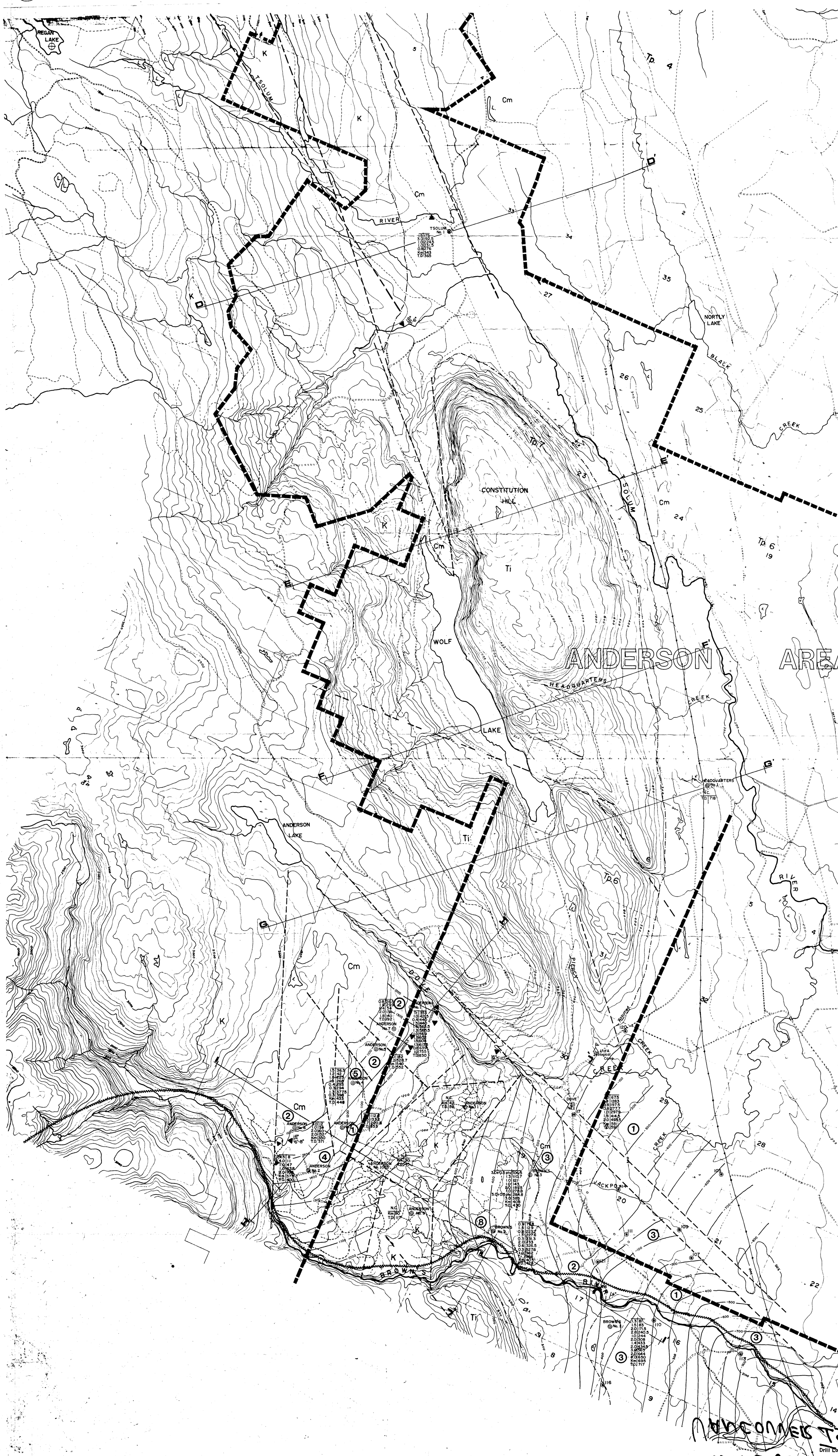
| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | | Cedar District Fm<br>Extension Protection Fm<br>Haslam Fm<br>Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

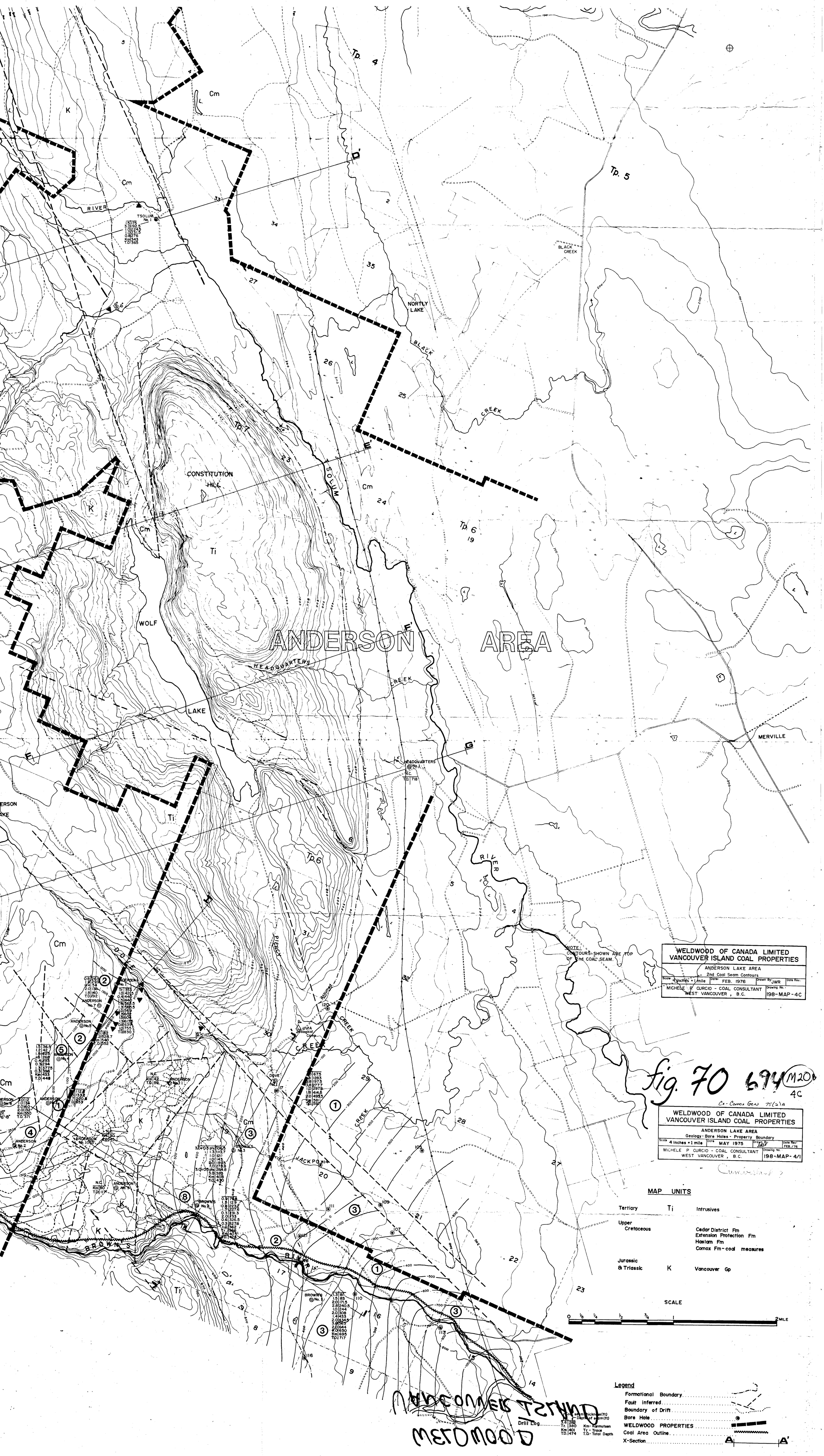
0 1/8 1/4 1/2 3/4 1 2 MILE

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)
3.6 | 282 — Km - Karmutsen
Tr. | 380 — Tr. - Trace
Km | 401 — T.D. - Total Depth
T.D. | 474

Legend
- Formational Boundary
- Fault inferred
- Boundary of Drift
- Bore Hole
- WELDWOOD PROPERTIES
- Coal Area Outline
- X-Section A — A'

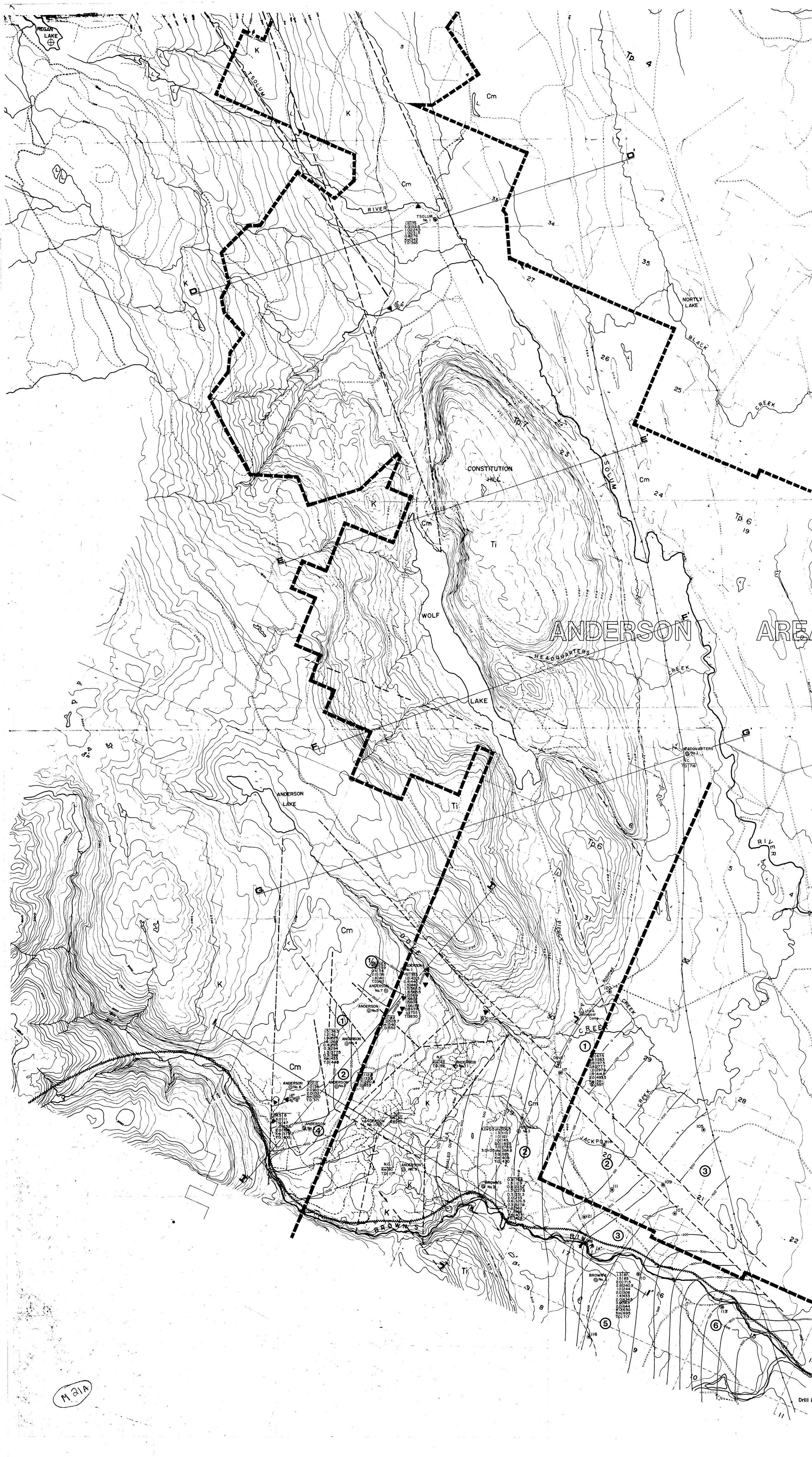


REGAN LAKE
TSOLUM
RIVER
NORTLY LAKE
BLACK
CREEK
CONSTITUTION HILL
SOLUM
WOLF
LAKE
ANDERSON
AREA
HEADQUARTERS
CREEK
ANDERSON LAKE
RIVER
PIERCY
CREEK
JACKPOINT
BROWNS
RIVER



ANDERSON AREA
CONSTITUTION HILL
WOLF LAKE
NORTLY LAKE
BLACK CREEK
SOLUM RIVER
HEADQUARTERS CREEK
MERVILLE
RIVER
DOVE CREEK
JACKPOT CREEK
BROWN RIVER
Tp. 4
Tp. 5
Tp. 6
Tp. 7
Cm
K
Ti
NOTE: CONTOURS SHOWN ARE TOP OF 2nd COAL SEAM.
WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
ANDERSON LAKE AREA
2nd Coal Seam Contours
Scale 4 inches = 1 mile
Date FEB. 1976
Drawn By JWR
Date Rev.
MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-4C
fig. 70 694 M20b 4C
Cx - Comox Gen 75(2)A
WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary
Scale 4 inches = 1 mile
Date MAY 1975
Drawn By JWR
Date Rev. FEB./76
MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-4/1
MAP UNITS
Tertiary Ti Intrusives
Upper Cretaceous
Cedar District Fm
Extension Protection Fm
Haslam Fm
Comox Fm - coal measures
Jurassic & Triassic K Vancouver Gp
SCALE
0 1/8 1/4 1/2 3/4 1 2 MILE
Legend
Formational Boundary
Fault inferred
Boundary of Drift
Bore Hole
WELDWOOD PROPERTIES
Coal Area Outline
X-Section
A A'
Drill Log
Km - Karmutsen
Tr - Trace
T.D. - Total Depth

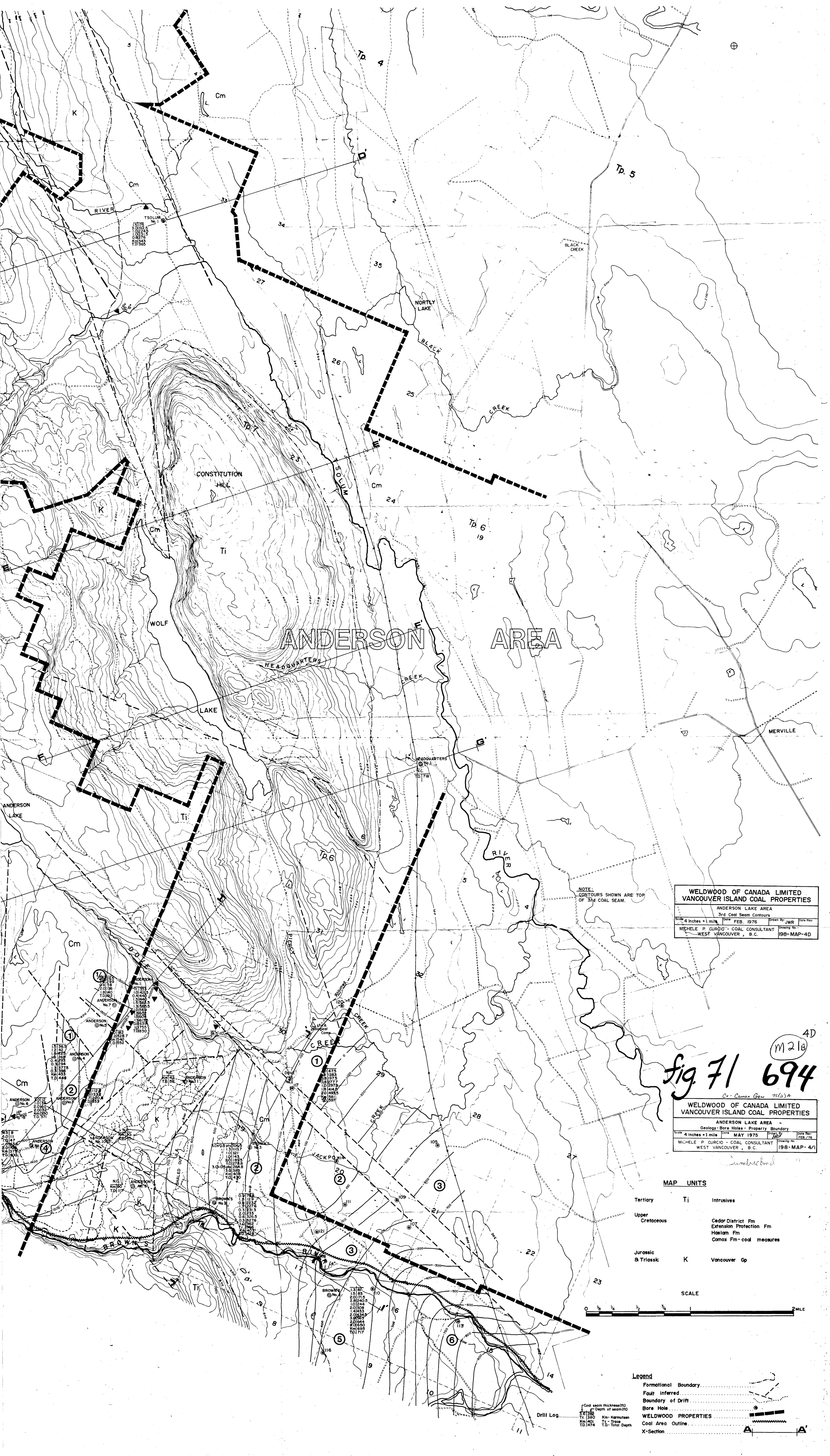
694



REGAN LAKE
TSOLUM
RIVER
Tp. 4
Cm
K
NORTLY LAKE
BLACK
CREEK
Tp. 7
CONSTITUTION HILL
SOLUM
Tp. 6
Ti
WOLF
LAKE
ANDERSON
AREA
HEADQUARTERS
CREEK
ANDERSON LAKE
RIVER
PIERCY
CREEK
JACKPOT
BROWN'S
RIVER


M.21A

694




NOTE:
CONTOURS SHOWN ARE TOP OF 3rd COAL SEAM.

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
ANDERSON LAKE AREA
3rd Coal Seam Contours
Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: JWR | Date Rev.:
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-4D

4D
M216
fig 71 694

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
ANDERSON LAKE AREA -
Geology - Bore Holes - Property Boundary
Scale: 4 inches = 1 mile | Date: MAY 1975 | Date Rev.: FEB./76
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-4A

MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | | Cedar District Fm<br>Extension Protection Fm<br>Haslam Fm<br>Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE
0 1/8 1/4 1/2 3/4 1 MILE

Legend
Formational Boundary
Fault inferred
Boundary of Drift
Bore Hole
WELDWOOD PROPERTIES
Coal Area Outline
X-Section A A'
Drill Log (Coal seam thickness(ft) / Depth of seam(ft)) Km- Karmutsen, Tr.- Trace, T.D.- Total Depth

CAMPBELL RIVER AREA

ANDERSON LAKE AREA

CR.

BALSAM

CHUTE

WOWO LAKE

OYSTER

C.R.

PIGGOTT

BLAKE

REGAN LAKE

TSOLUM

MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm.- coal measures |
| | I | Intrusive-age & field relations uncertain. |
| Jurassic | Gd. D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Gp. |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

Legend

- Formational Boundary
- Fault inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River town boundary
- Coal Area Outline
- X-Section A — A'

Drill Log

| Coal seam thickness(ft.) | Depth of seam (ft.) |
|---|---|
| 3.6 | 282 |

Tr. 380 Km.- Karmutsen
Km 401 Tr. - Trace
T.D. 474 T.D. - Total Depth

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CAMPBELL RIVER and ANDERSON LAKE AREA
1st Coal Seam Contours

| Scale | Date | Drawn By |
|---|---|---|
| 4 inches = 1 mile | FEB. 1976 | |

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No. 198-MAP-3B

Ex- Comox GENERAL 75(2)A

fig. 72 694

Cumberland

3B

M32W
Fig 694
169000

CAMPBELL RIVER AREA

ANDERSON AREA

WOODHUS

WOWO LAKE

OYSTER

C.R.

PIGEOT

REGAN LAKE

TSOLUM

BLACK

RIVER

Cm

Tp3

Tp4

OYSTER No. 1
I.O 374
Km 639
T.D. 668

TSOLUM No. 2
Tr. 560
Tr. 612
Tr. 616
Tr. 620
T.D. 773

TSOLUM No. 1
1.5 175
3.0 192.5
1.0 224.5
1.0 231.5
0.8 276
Km 343
T.D. 365

A A'

B B'

C C'

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CAMPBELL RIVER and ANDERSON LAKE AREA
1st Coal Seam Contours

Scale 4 inches = 1 mile | Date: FEB. 1976 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-3B

Ex - Comox General 75(2)A

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

CAMPBELL RIVER and ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary

Scale 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-3

fig. 72 694

Cumberland

3B

M22W

fig 72

000694

M22B

REGAN LAKE

TSOLUM

RIVER

339100E 5520800N

340500E 5520700N

TSOLUM No. 1

| | |
|---|---|
| 1.5 | 175 |
| 3.0 | 192.5 |
| 1.0 | 224.5 |
| 1.0 | 231.5 |
| 0.8 | 276 |
| Km | 343 |
| T.D. | 365 |

16°-6°

CONSTITUTION HILL

343100E 5516700N

WOLF LAKE

ANDERSON LAKE

HEADQUARTERS CREEK

HEADQUARTERS No. 1

| | |
|---|---|
| N.C. | |
| T.D. | 718 |

347150E 5513500N

348150E 5513800N

346000E 5509150N

ANDERSON No. 1

| | |
|---|---|
| Tr. | 353 |
| 1.0 | 421.5 |
| 0.4 | 440 |
| 1.5 | 440 |
| 1.5 | 563.5 |
| 1.3 | 585.5 |
| 1.0 | 593 |
| 1.5 | 602 |
| 1.5 | 604 |
| 1.3 | 613.5 |
| 0.8 | 638 |
| 1.0 | 755 |
| T.D. | 830 |

ANDERSON No. 7

| | |
|---|---|
| 1.8 | 140 |
| T.D. | 192 |

ANDERSON No. 5

| | |
|---|---|
| 1.0 | 182 |
| 1.2 | 328.7 |
| Km | 540 |
| T.D. | 552 |

ANDERSON No. 4

| | |
|---|---|
| 1.5 | 36.5 |
| 1.2 | 42 |
| 1.8 | 223 |
| 1.8 | 268 |
| 0.4 | 293 |
| 0.3 | 294 |
| 1.3 | 377.5 |
| 0.5 | 398 |
| Km | 433 |
| T.D. | 448 |

ANDERSON No. 6

| | |
|---|---|
| 1.0 | 12 |
| 1.0 | 36 |
| 2.0 | 60 |
| 2.0 | 132 |
| Km | 350 |
| T.D. | 371 |

6°-6'-8"

ANDERSON No. 3

| | |
|---|---|
| 1.2 | 112.4 |
| 1.3 | 133.2 |
| 1.7 | 260.8 |
| T.D. | 353 |

ANDERSON No. 2

| | |
|---|---|
| 4.5 | 8 |
| 4.0 | 11 |
| 1.0 | 47 |
| 1.0 | 63.8 |
| 2.0 | 108 |
| Km | 379 |
| T.D. | 400 |

ANDERSON No. 10

| | |
|---|---|
| N.C. | |
| Km | 30 |
| T.D. | 45 |

ANDERSON No. 9

| | |
|---|---|
| N.C. | |
| Km | 80 |
| T.D. | 117 |

ANDERSON No. 11

| | |
|---|---|
| N.C. | |
| Km | 42 |
| T.D. | 52 |

BROWN'S No. 3

| | |
|---|---|
| 3.0+0.5 pts | 106.5 |
| 1.3 | 110.7 |
| 1.0 | 121 |
| 1.0 | 143 |
| 2.0 | 189.5 |
| 1.0 | 278.8 |
| 3.0+0.5 pts | 284.8 |
| 3.0 | 385 |
| Km | 408 |
| T.D. | 430 |

BROWN'S No. 2

| | |
|---|---|
| 0.9 | 76.8 |
| 1.5 | 129 |
| 0.8 | 223.2 |
| 1.3 | 227.6 |
| 0.3 | 231.3 |
| 2.0 | 233 |
| 0.6 | 326.5 |
| 0.3 | 527.6 |
| 1.0 | 362 |
| Tr. | 366 |
| Km | 401 |
| T.D. | 428 |

BROWN'S No. 1

| | |
|---|---|
| 1.3 | 81 |
| 1.5 | 83 |
| 2.0 | 171.5 |
| 2.8 | 240.5 |
| 1.0 | 244 |
| 2.0 | 308 |
| 1.4 | 433 |
| 2.0 | 434.5 |
| 3.0 | 563 |
| 2.0 | 644 |
| 2.0 | 650 |
| Km | 695 |
| T.D. | 717 |

DOVE No. 1

| | |
|---|---|
| 1.0 | 67.5 |
| 1.8 | 128.3 |
| 0.8 | 197.5 |
| 0.8 | 277.7 |
| 1.0 | 297.9 |
| 1.8 | 414.5 |
| 2.0 | 493.5 |
| Km | 581 |
| T.D. | 597 |

347500E 5509500N

349000E 5509075N

347200E 5507000N

341250E 5596100N

337050E 5572500N

Assumed 120

UofA Zoological Camp

JACKPOT 14

105

111

107

121

110

113

116

Tp. 4

Tp. 6

NORTLY LAKE

BLACK CREEK

PIERCY CREEK

BROWN'S

Cm

K

Ti

L

D

D'

E

E'

F

F'

G

G'

H

H'

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

ANDERSON AREA

Drill Log

M23A

# ANDERSON AREA

Tp. 4

Tp. 5

Tp. 6

Tp. 7

Tp. 8

TSOLUM No. 1
1.5 | 175
3.0 | 192.5
1.0 | 224.5
1.0 | 231.5
0.8 | 276
Km | 343
T.D. | 365

HEADQUARTERS No. 1
N.C.
T.D. | 718

ANDERSON No. 1
Tr. | 353
1.0 | 425
0.4 | 440
1.5 | 440
1.5 | 568.5
1.3 | 565.5
1.0 | 569
1.5 | 602
1.5 | 604
1.3 | 613.5
0.8 | 639
1.0 | 755
T.D. | 830

ANDERSON No. 2
1.5 | 36.5
1.2 | 42
1.8 | 225
1.8 | 268
0.4 | 293
0.3 | 294
1.3 | 377.5
0.3 | 398
Km | 433
T.D. | 448

ANDERSON No. 3
3.0 | 12
1.0 | 36
2.0 | 60
2.0 | 132
Km | 350
T.D. | 371

ANDERSON No. 4
1.2 | 112.5
1.7 | 133.2
1.7 | 220.8
T.D. | 253

ANDERSON No. 5
2.0 | 182
2.0 | 528.7
Km | 540
T.D. | 552

ANDERSON No. 6
3.0 | 245
1.2 | 289
0.4 | 358
2.0 | 436
1.8 | 440
T.D. | 492

ANDERSON No. 7
1.5 | 440
1.5 | 568.5
1.3 | 565.5
1.0 | 569
1.5 | 602
1.5 | 604
1.3 | 613.5
0.8 | 639
1.0 | 755
T.D. | 830

ANDERSON No. 9
N.C.
Km | 50
T.D. | 117

ANDERSON No. 10
N.C.
Km | 30
T.D. | 145

ANDERSON No. 11
N.C.
Km | 42
T.D. | 52

DOVE No. 1
T.D. | 117

BROWN'S No. 1
1.3 | 81
1.5 | 83
2.0 | 171.5
2.8 | 240.5
1.0 | 244
2.0 | 308
1.4 | 433
2.0 | 434.5
3.0 | 563
2.0 | 644
4.0 | 650
Km | 695
T.D. | 717

BROWN'S No. 2
0.9 | 78.8
1.5 | 129
0.8 | 223.2
1.3 | 227.6
0.3 | 231.3
2.0 | 233
0.6 | 326.5
0.3 | 327.6
1.0 | 362
Tr. | 366
Km | 403
T.D. | 428

BROWN'S No. 3
3.0+0.5 pts | 106.5
1.3 | 110.7
1.0 | 121
1.0 | 143
2.0 | 189.5
1.0 | 278.8
3.0+0.5 pts | 284.8
3.0 | 383
Km | 408
T.D. | 430

JACKPOT No. 4
67.5
1.8 | 128.3
1.8 | 197.5
0.8 | 277.7
1.0 | 297.9
1.8 | 414.5
2.0 | 493.5
Km | 581
T.D. | 597

Assumed 120

UBC Zoological Camp

63°5'-10"

POSSIBLE

Cm

K

Ti

RIVER

CREEK

LAKE

BLACK CREEK

NORTLY LAKE

CONSTITUTION HILL

WOLF LAKE

HEADQUARTERS CREEK

PIERCY CREEK

BROWN'S CREEK

JACKPOT CREEK

SOLUM CREEK

MERVILLE

DOVE CREEK

BLACK CREEK

ANDERSON LAKE

BROWN'S RIVER

DITCH

Coordinates: 339100E 5520800N; 340500E 5520700N; 343100E 5516700N; 347150E 5513500N; 348150E 5513800N; 346000E 5509150N; 347500E 5509500N; 349000E 5509075N; 347200E 5507000N; 344250E 5506100N; 337050E 5505250N

NOTE:
CONTOURS SHOWN ARE TOP OF 1st COAL SEAM.

48

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

ANDERSON LAKE AREA
1st Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: JWR | Date Rev:
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-4B

fig. 73 694 (M23B)
Ex- Comox Gen 156-M

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

ANDERSON LAKE AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: MAY 1975 | Drawn By: JWR | Date Rev: FEB./76
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-4/1

Cumberland

## MAP UNITS

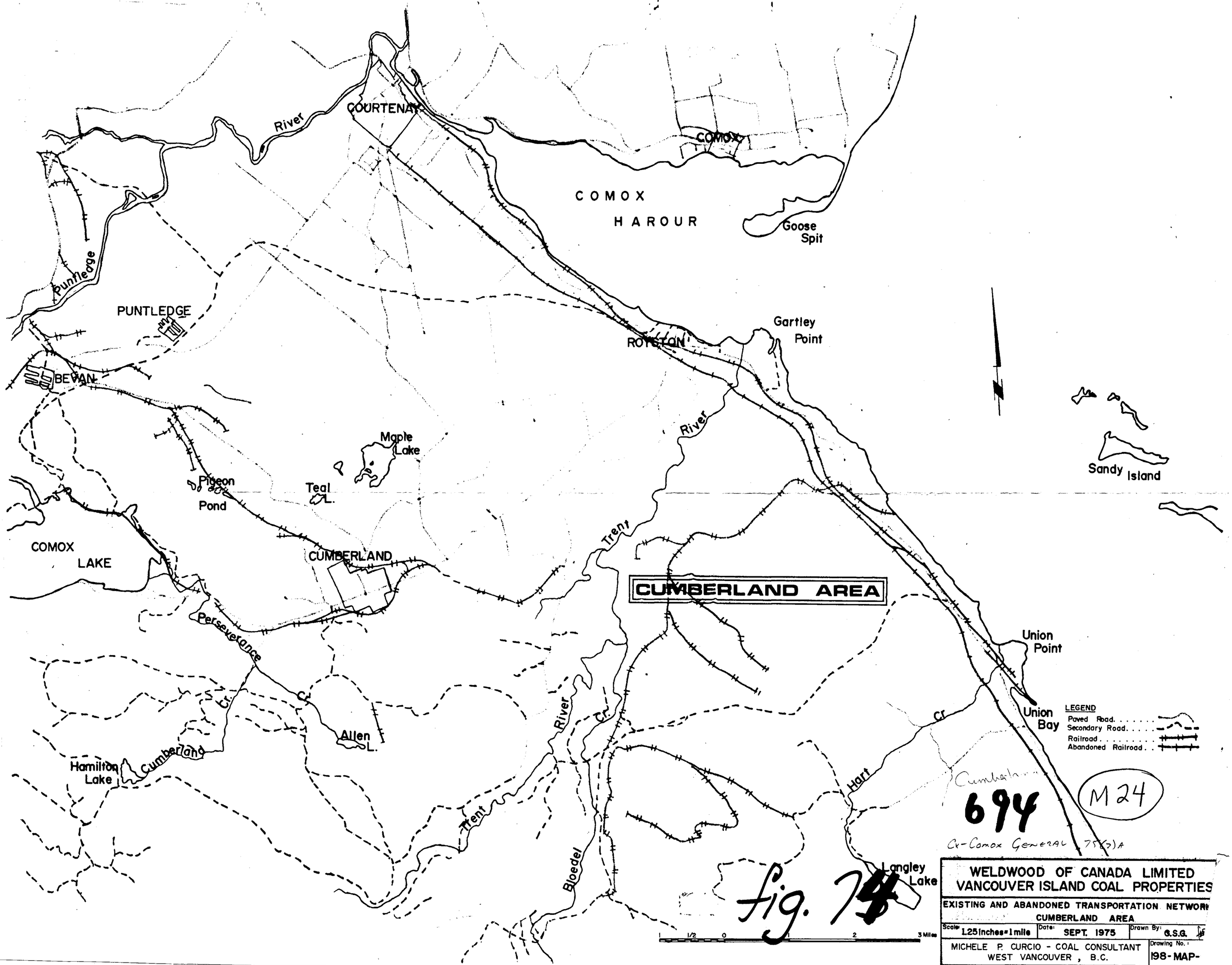
| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | | Cedar District Fm<br>Extension Protection Fm<br>Haslam Fm<br>Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

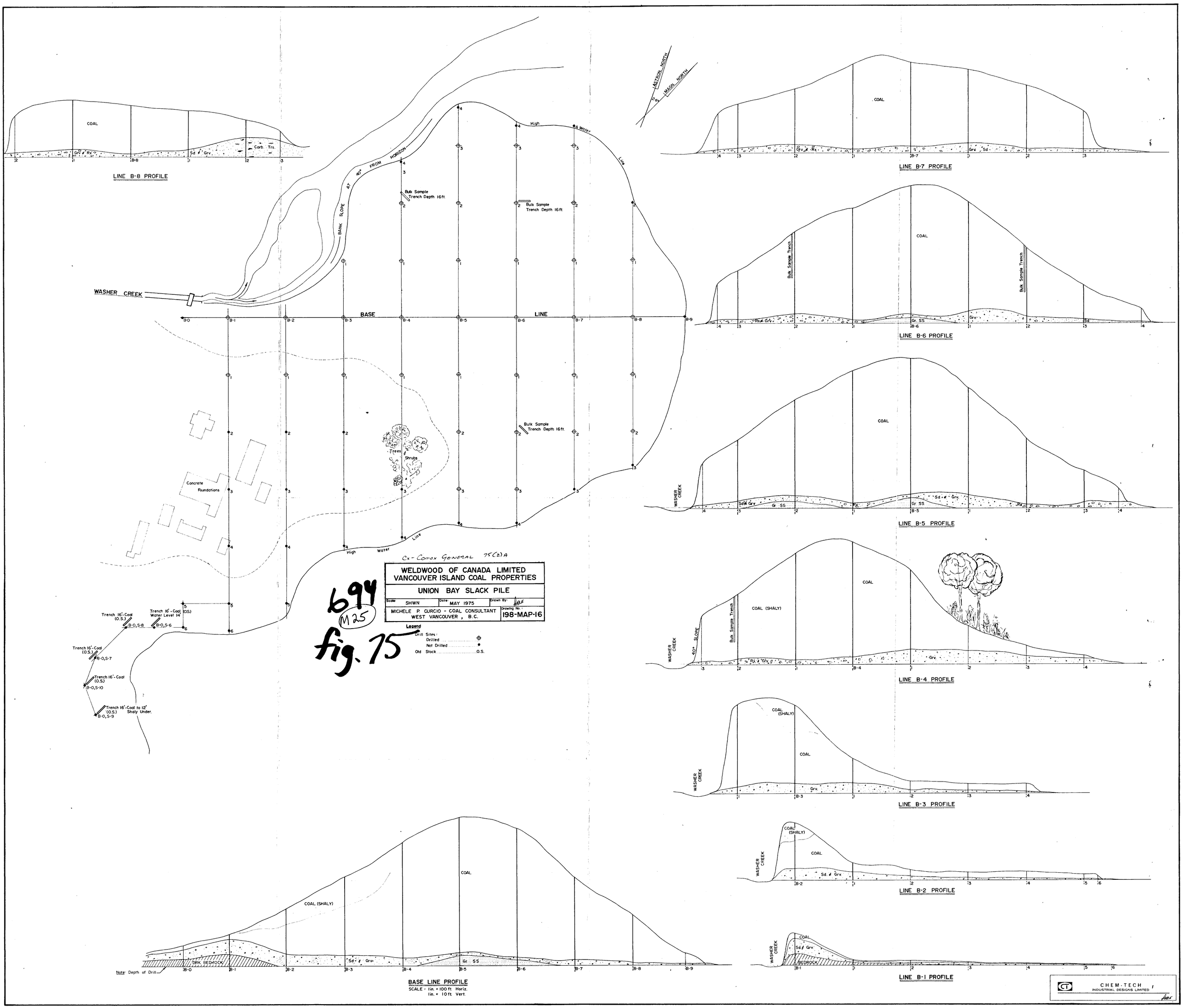
SCALE
0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

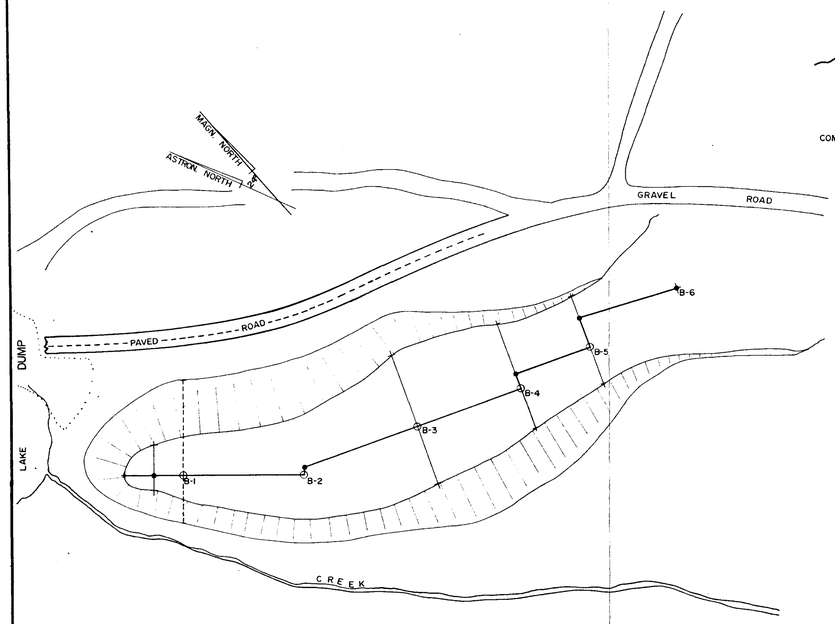
- Formational Boundary
- Fault inferred
- Boundary of Drift
- Bore Hole
- WELDWOOD PROPERTIES
- Coal Area Outline
- X-Section A — A'

Drill Log: Coal seam thickness (ft) / Depth of seam (ft)
3.6 | 282
Tr. | 380
Km | 401
T.D. | 474
Km - Karmutsen; Tr - Trace; T.D. - Total Depth


COURTENAY
River
COMOX
COMOX
HAROUR
Goose
Spit
Punfledge
PUNTLEDGE
BEVAN
ROYSTON
Gartley
Point
River
Maple
Lake
Pigeon
Pond
Teal
L.
Sandy Island
COMOX
LAKE
CUMBERLAND
Trent
CUMBERLAND AREA
Perseverance
Cr.
Cr.
Allen
L.
Cumberland
Hamilton
Lake
Trent
River
Cr.
Bloedel
Hart
Cr
Union
Point
Union
Bay
LEGEND
Paved Road
Secondary Road
Railroad
Abandoned Railroad
Langley
Lake
1/2
0
1
2
3 Miles
694
M24
Cx-Comox General 75(7)A
fig. 74
WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
EXISTING AND ABANDONED TRANSPORTATION NETWORK
CUMBERLAND AREA
Scale: 1.25 inches = 1 mile
Date: SEPT. 1975
Drawn By: G.S.G.
MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No.: 198-MAP-

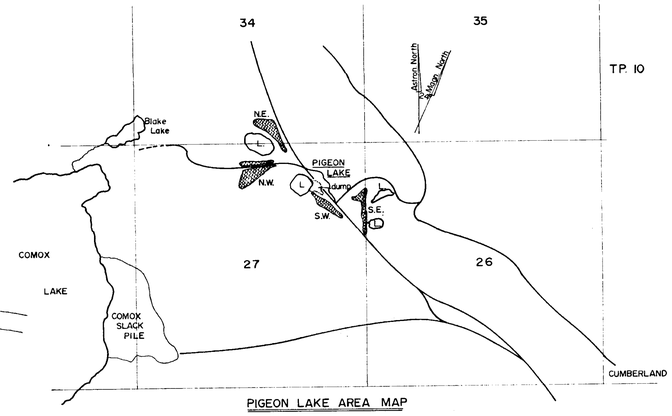


LINE B-8 PROFILE
COAL
Grv. & Rx.
Sd. & Grv.
Carb. Trs.
LINE B-7 PROFILE
COAL
Grv. & Rx.
Grv. Sd.
LINE B-6 PROFILE
COAL
Bulk Sample Trench
Rx. & Grv.
Gr. SS
Grv.
Sd.
LINE B-5 PROFILE
COAL
WASHER CREEK
Sd. & Grv.
Gr. SS
Rx.
LINE B-4 PROFILE
COAL
COAL (SHALY)
Bulk Sample Trench
40° SLOPE
Rx. & Grv.
Grv.
LINE B-3 PROFILE
COAL (SHALY)
COAL
Grv.
LINE B-2 PROFILE
COAL (SHALY)
COAL
Sd. & Grv.
LINE B-1 PROFILE
COAL
Sd. & Grv.
BEDROCK
BASE LINE PROFILE
SCALE: 1in. = 100 ft. Horiz.
1in. = 10 ft. Vert.
COAL
COAL (SHALY)
DRK. BEDROCK
Sd. & Grv.
Gr. SS
Note: Depth of Drill
WASHER CREEK
BANK SLOPE AT 40° FROM HORIZON
High Water Line
BASE LINE
Bulk Sample Trench Depth 16 ft.
Trees & Shrubs
Concrete Foundations
Trench 16'-Coal (O.S.)
B-0,S-8
Trench 16'-Coal (O.S.) Water Level 14'
B-0,S-6
Trench 16'-Coal (O.S.)
B-0,S-7
Trench 16'-Coal (O.S.)
B-0,S-10
Trench 16'-Coal to 12' (O.S.) Shaly Under.
B-0,S-9
Legend
Drill Sites:
Drilled
Not Drilled
Old Stock ..... O.S.
Cx - Comax General 75(2)A
WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
UNION BAY SLACK PILE
Scale: SHWN
Date: MAY 1975
Drawn By:
MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No.: 198-MAP-16
694
M25
fig. 75
CHEM-TECH
INDUSTRIAL DESIGNS LIMITED

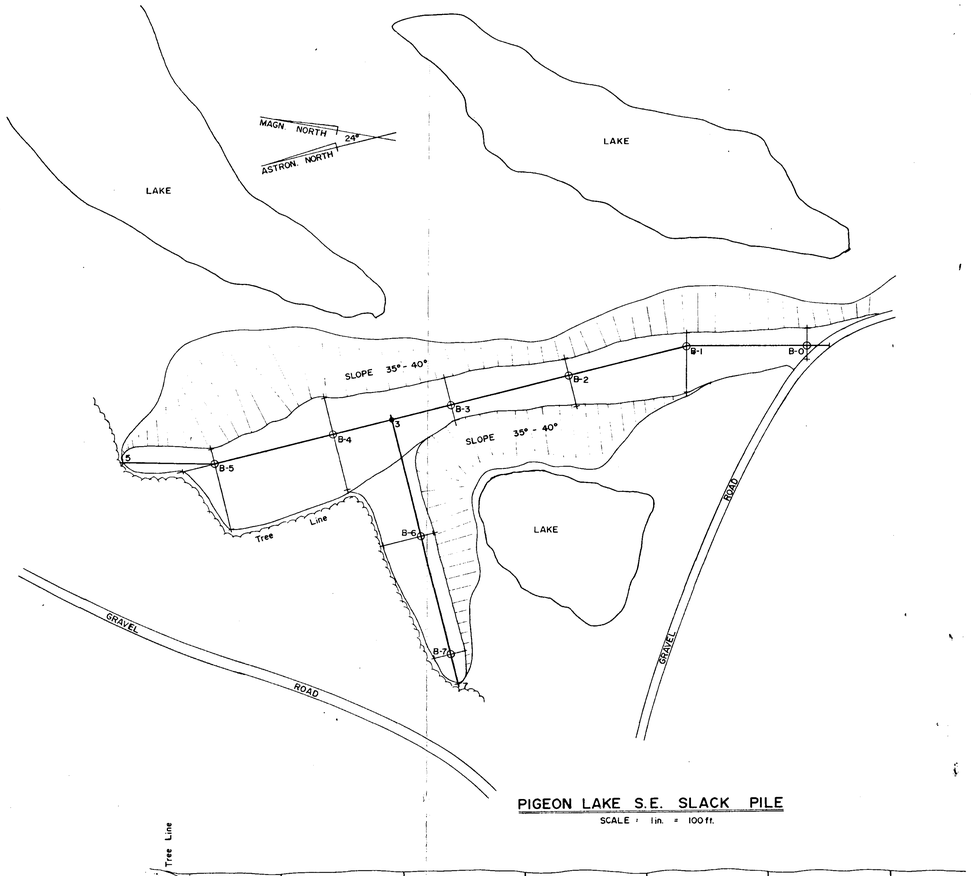



## PIGEON LAKE S.W. SLACK PILE

SCALE : 1in. = 100ft.




## PIGEON LAKE AREA MAP



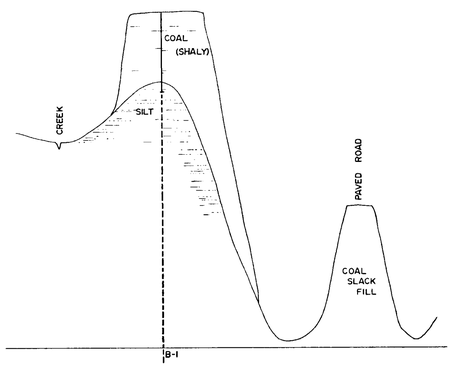

## PIGEON LAKE S.E. SLACK PILE

SCALE : 1in. = 100 ft.



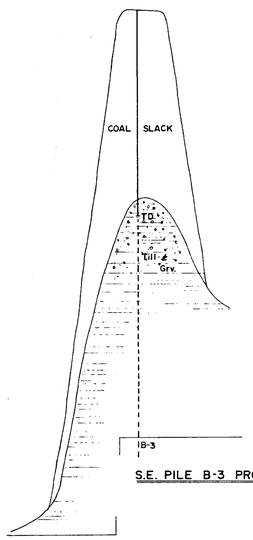

## S.W. PILE - BASE LINE PROFILE

SCALE: 1in. = 100 ft. Horiz.
1in. = 10 ft. Vert.

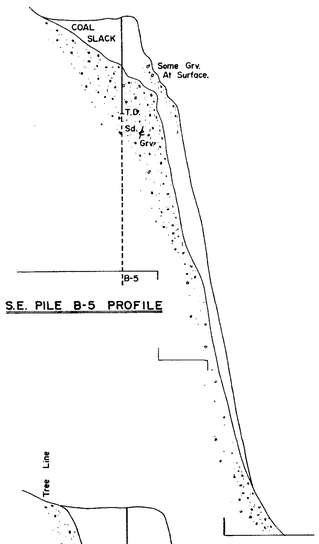



## S.W. PILE B-1 PROFILE

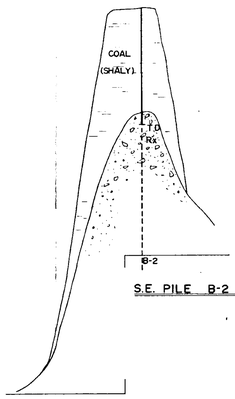
Legend
Drill Site:
Drilled
Not Drilled



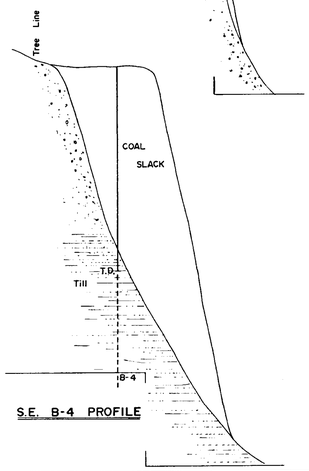

## S.E. PILE B-3 PROFILE



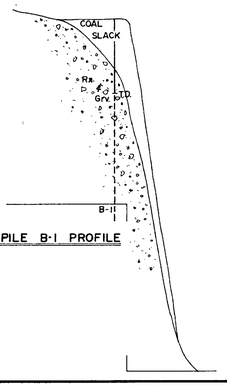

## S.E. PILE B-5 PROFILE



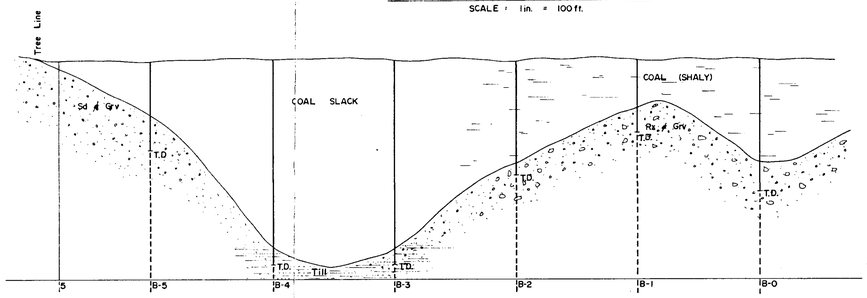

## S.E. PILE B-2 PROFILE




## S.E. B-4 PROFILE

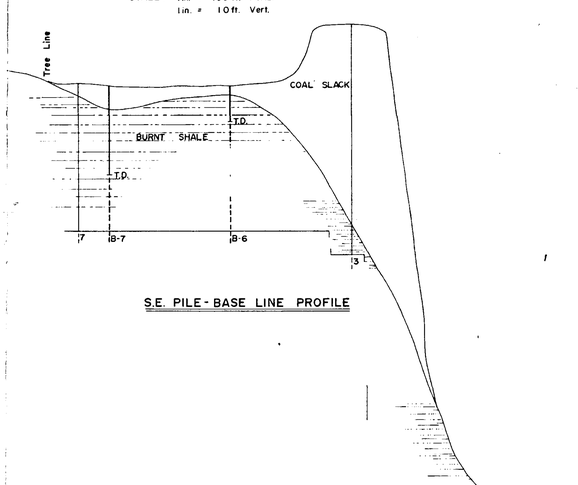



## S.E. PILE B-1 PROFILE




## S.E. PILE - BASE LINE PROFILE

SCALE : 1in. = 100 ft. Horiz.
1in. = 10 ft. Vert.

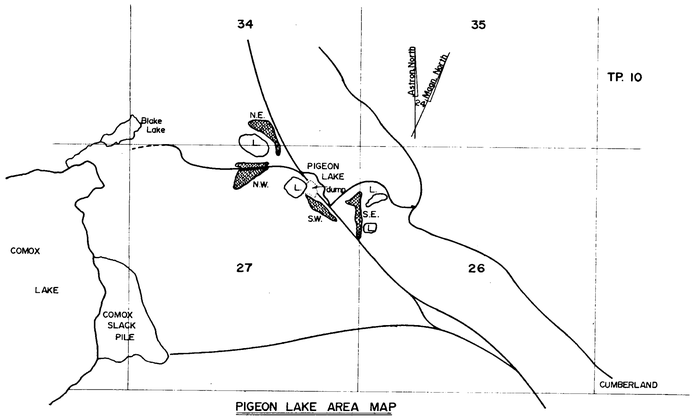



## S.E. PILE - BASE LINE PROFILE

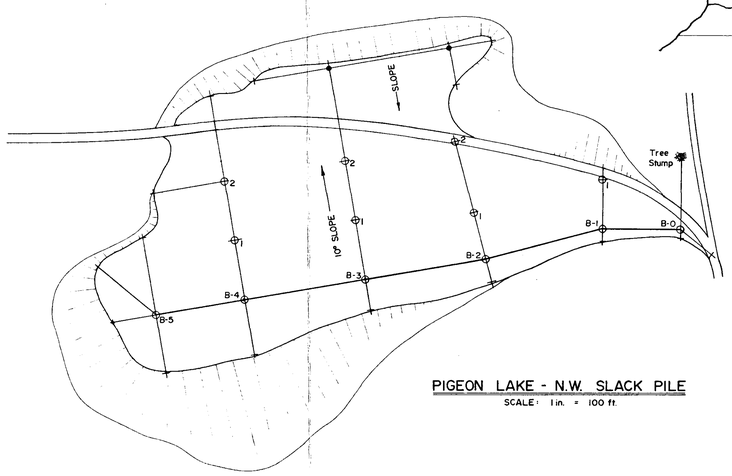
fig. 76 694 (126)
Ex - Comox General 75(1)A

| | |
|---|---|
| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | |
| PIGEON LAKE S.E. & S.W. SLACK PILE | |
| Scale: SHWN | Date: MAY 1975 — Drawn By: GE |
| MICHELE P CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-19 |

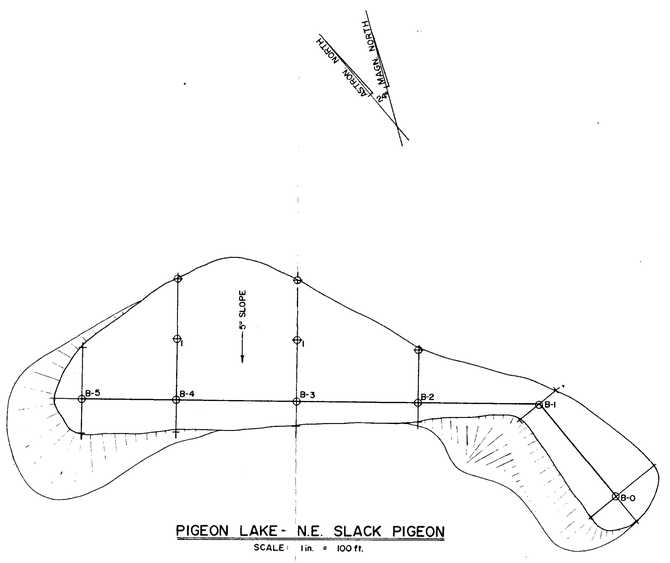
CHEM-TECH
INDUSTRIAL DESIGNS LIMITED



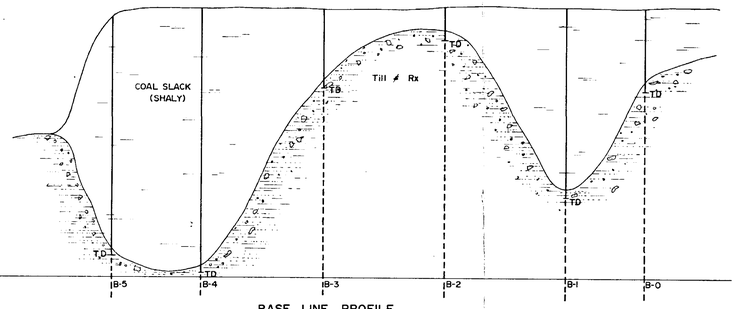

PIGEON LAKE AREA MAP




PIGEON LAKE - N.W. SLACK PILE
SCALE: 1 in. = 100 ft.

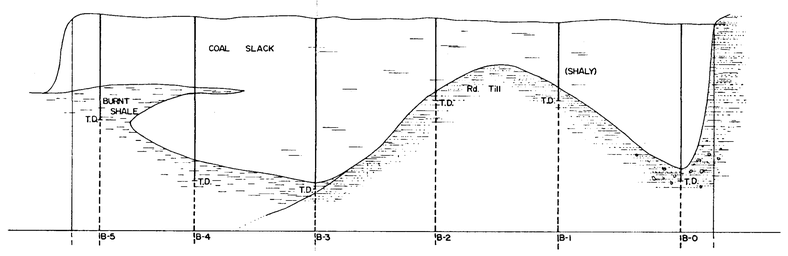



PIGEON LAKE - N.E. SLACK PIGEON
SCALE: 1 in. = 100 ft.

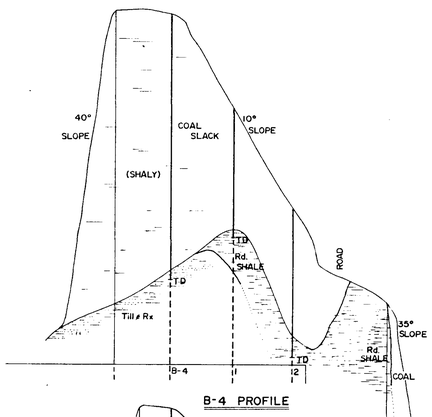



BASE LINE PROFILE
SCALE: 1 in. = 100 ft. Horz.
1 in. = 10 ft. Vert.

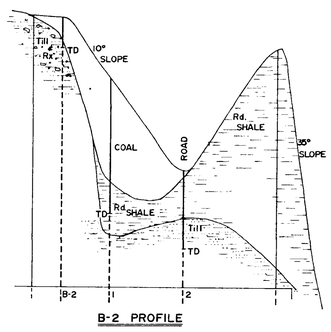
Legend
Drill Site:
Drilled ⊕
Not Drilled •
Total Depth of Drill T.D.



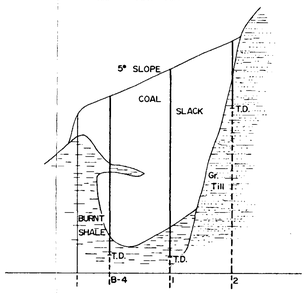

BASE LINE PROFILE
SCALE: 1 in. = 100 ft. Horz.
1 in. = 10 ft. Vert.



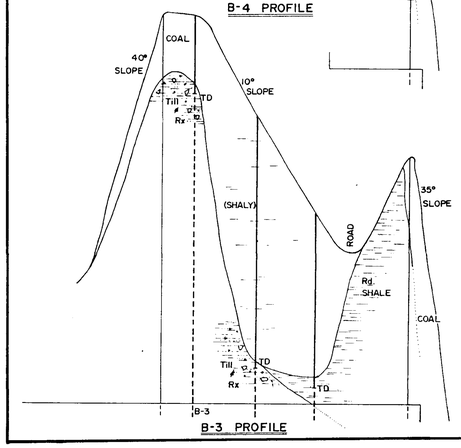

B-4 PROFILE



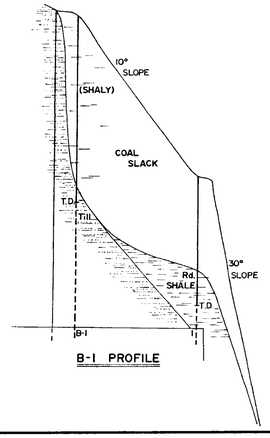

B-2 PROFILE



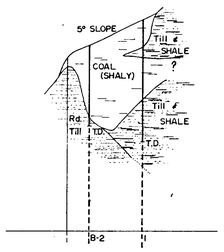

B-4 PROFILE



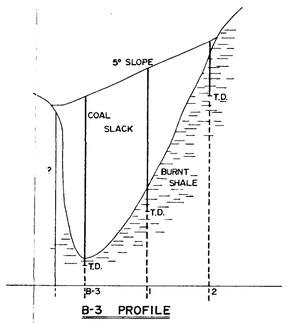

B-3 PROFILE




B-1 PROFILE




B-2 PROFILE



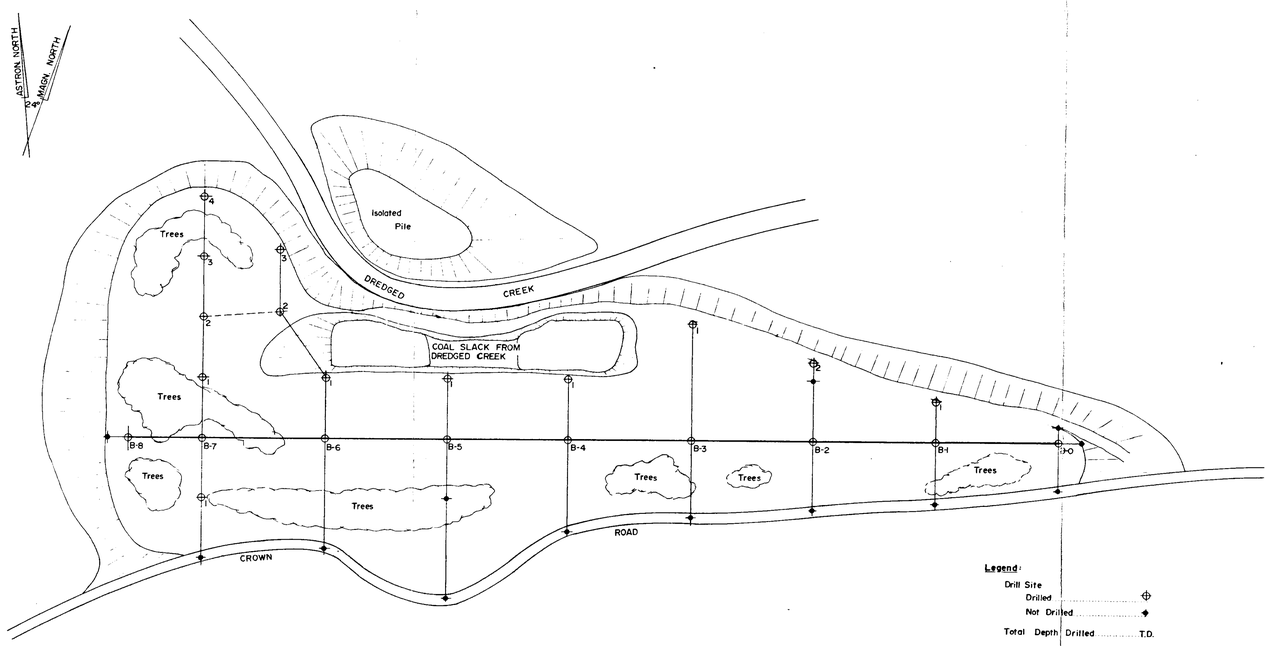

B-3 PROFILE

fig. 77 694 (M27)

Cx - Comox General 75(2)A

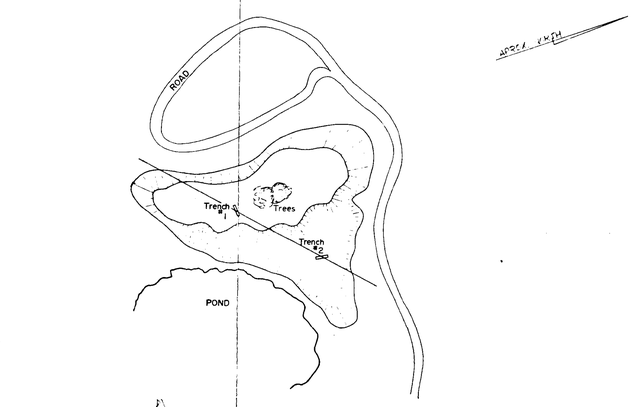
| | |
|---|---|
| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | |
| PIGEON LAKE N.W. & N.E. SLACK PILE | |
| Scale: SHWN | Date: MAY 1975 |
| Drawn By: | |
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | Drawing No.: 198-MAP-18 |

CHEM-TECH
INDUSTRIAL DESIGNS LIMITED



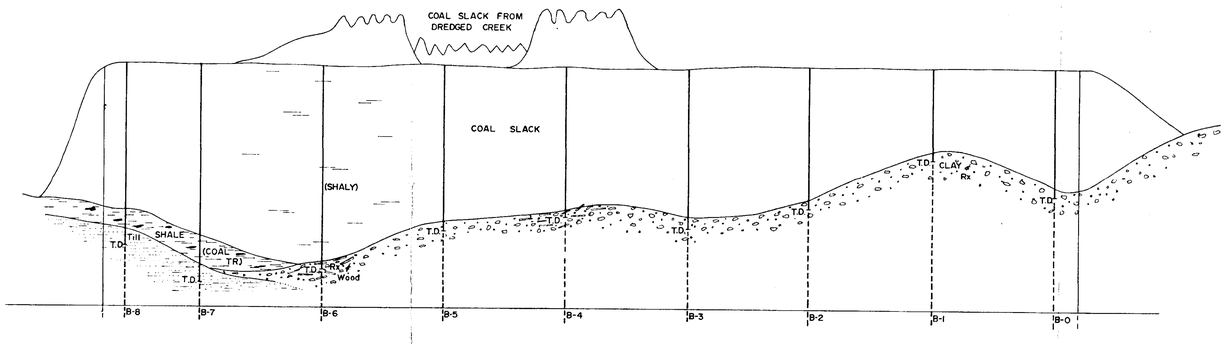

## BEVAN SLACK PILE

SCALE : 1 in. = 100 ft.




## CHINA TOWN SLACK PILE

SCALE : 1 in. = 50ft.



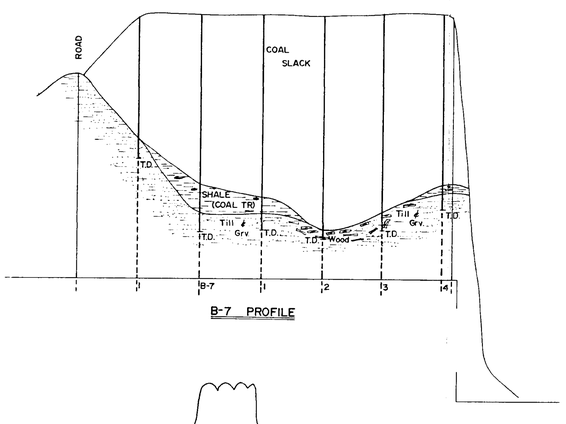

## BASE LINE PROFILE

SCALE : 1 in. = 100 ft. Horiz.
1 in. = 10 ft. Vert.

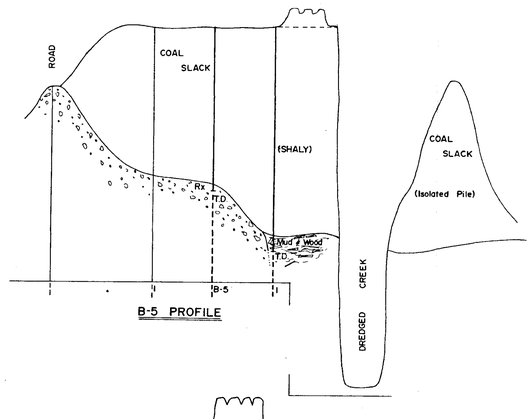



## TRENCH #1 to #2 PROFILE

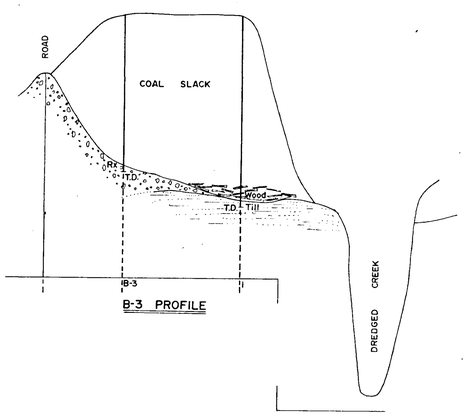
SCALE : 1 in. = 50ft. Horiz.
1 in. = 10ft. Vert.



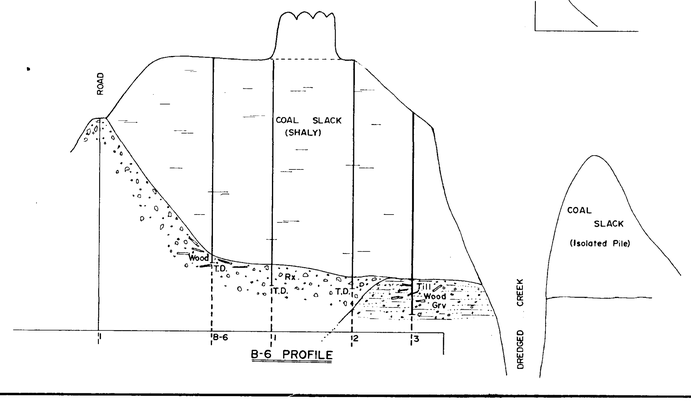

## B-7 PROFILE



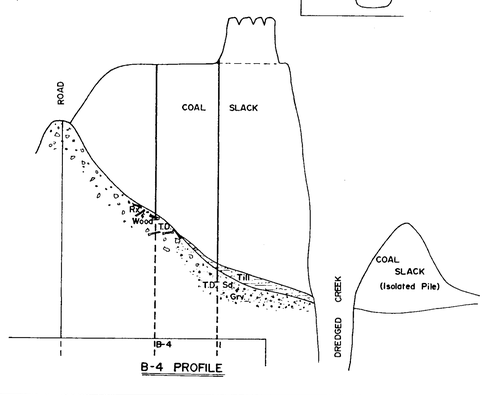

## B-5 PROFILE



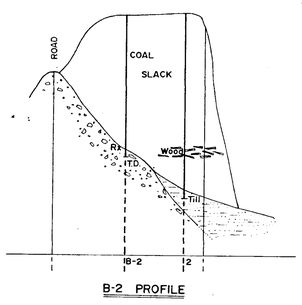

## B-3 PROFILE



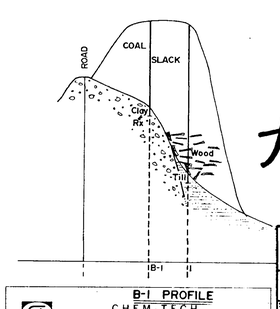

## B-6 PROFILE




## B-4 PROFILE




## B-2 PROFILE




## B-1 PROFILE

CHEM-TECH
INDUSTRIAL DESIGNS LIMITED

M28

fig. 78694

Cx- Comox General 7(2)A

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

**BEVAN & CHINA TOWN SLACK PILE**

| Scale | Date | Drawn By: |
|---|---|---|
| SHWN | MAY 1975 | |

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No.: 198-MAP-17

M29A

# QUINSAM AREA

BEAVER TAIL LAKE

SNAKE HEAD LAKE

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

GILSON LAKE

QUINSAM LAKE

MIDDLE QUINSAM LAKE

LITTLE QUINSAM LAKE

MILLER

BEAVER TAIL CR.

CR.

QUINSAM RIVER

IRON

OYSTER

MILLER No.1 — MC-1
Km 170
T.D. 220

MILLER No.2 — MC-2
3.6 282
Km 380
T.D. 401

MILLER No.3 — MC-3
2.4 221
2.1 367
1.2 395
3.5 446
2.2 685
4.5 720
1.5 783
2.0 884
2.4 888
Km 916
T.D. 985

ECHO No.1 — EL-1
T.D. 205
Basalt

ECHO No.2 — EL-2
1.8 106.2
11.8 170.5
Km 175
T.D. 205

ECHO No.3 — EL-3
4.2 317.5
1.0 329.3
2.0 357.9
1.0 364.5-2.0 strgr
Km 394
T.D. 435

ECHO No.4 — EL-4
1.6 165
1.6 245
ECHO 13.0 252
No.4 Km 275
T.D. 305

ECHO No.5 — EL-5
1.6 111
ECHO 12.6 159
No.5 Km 213
T.D. 305

ECHO No.6 — EL-6

ECHO No.7 — EL-7
11.5 128
2.6 140
Km 270
T.D. 293

ECHO No.8 — EL-8
11.4 131
Km
T.D.

QUINSAM No.1
TR 436
10 508
Km 709
T.D. 729

CAMPBELL No.2
T.D.

OYSTER No.2

CR-1B, CR-2, CR-3, CR-7, CR-10, CR-19, CR-21, CR-28, CR-30, CR-31

Uof T Zoological field camp

Cm inferred

Iron Copper intrusive exposed

13ft. Coal exposed

Gd D

Ti

Cm

## Legend

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

Formational B…
Fault Inferred
Boundary of D…
Bore Hole…
Coal Outcrop…
WELDWOOD H…
Campbell River…
Coal Area Bou…

SC…
0 1/8 1/4 1/2 3/4

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)
3.6 | 282
Km | 380
T.D. | 401
Km - T.D. - Total Depth

X-Sections A — A'

CAMPBELL RIVER AREA

BEAVERTAIL

CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

LITTLE QUINSAM RIVER

QUINSAM RIVER

OYSTER RIVER

Cm inferred

MILLER No. 1

CR.
2.4 | 221
2.1 | 367
1.2 | 395
3.5 | 446
2.2 | 683
4.5 | 720
1.5 | 783
2.0 | 884
2.4 | 882
Km | 918
T.D. | 955

CAMPBELL No. 2
T.C.
T.D. 205' Gr.

CAMPBELL No. 1
1.3 | 924.7
4.0 | 946
1.8 | 972.2
2.0 | 992
1.0 | 992
1.5 | 1010
5.0 | 1022
T.D. | 1055

QUINSAM No. 1
T.P. | 436
1.0 | 508
Km | 709
T.D. | 729

OYSTER No. 2
1.0 | 499
1.0 | 501
2.2 | 507.8
Km | 730
T.D. | 752

QUINSAM RIVER No. 1
N.C.
T.D. | 682

CR-1 CR-2 CR-3 CR-4 CR-5 CR-6 CR-7 CR-8 CR-9 CR-10 CR-11 CR-12 CR-13 CR-14 CR-15 CR-16 CR-17 CR-18 CR-19 CR-20 CR-21 CR-22 CR-23 CR-24 CR-25 CR-26 CR-27 CR-28 CR-29 CR-30 CR-31

Iron Copper intrusive exposed

13ft. Coal exposed

M29
694

Cx - Comox General 75(2)A

Fig. 162

694

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary

| | | | |
|---|---|---|---|
| Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By: | |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-2 | |

Fig. 163

694

M30

# QUINSAM AREA PROFILE

## SECTION A-A'

Boreholes MC-3, MC-1 refer to maps 104-Map-2 Current

VERTICAL SCALE
0 50 100 200 400 600 800 FEET

HORIZONTAL SCALE
0 200 400 600 800 1000 1200 1400 FEET
0 ¼ ½ MILE

ASL (feet)

2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
Sea Level
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200

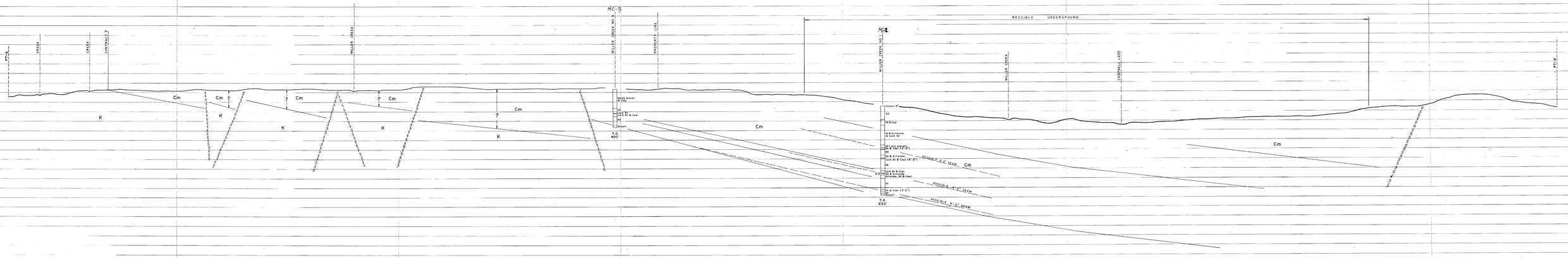


fig. 164

694

(M31)

Brackets EL-3, EL-5, EL-4, EL-8, EL-7. refer to map 198 Map-2 Curcio

# QUINSAM AREA PROFILE

SECTION B-B'

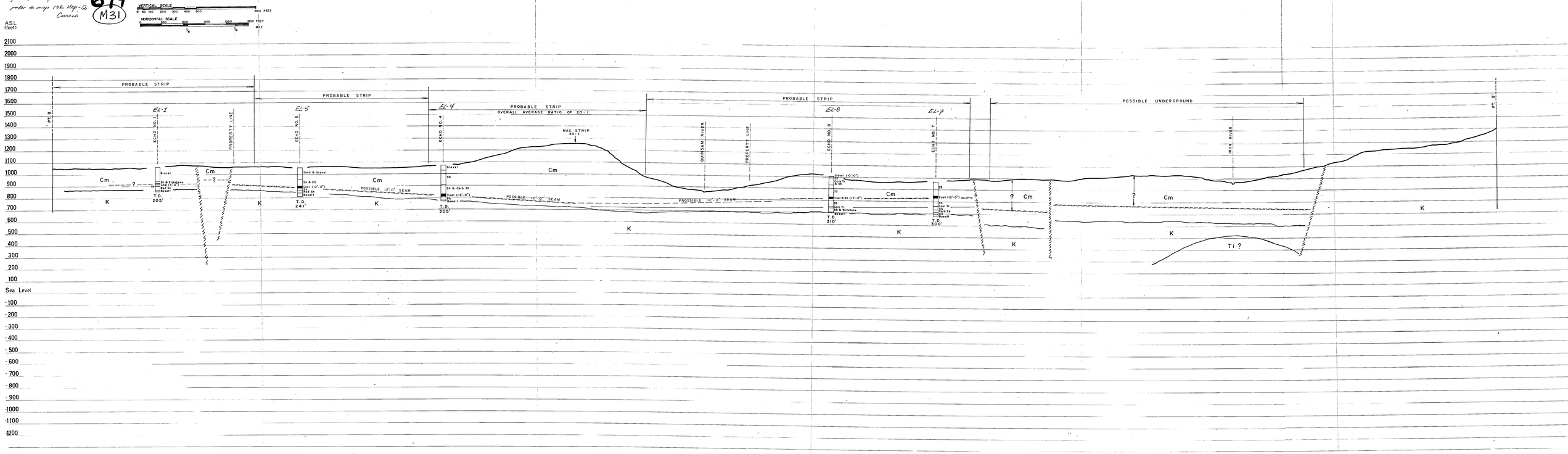


Fig. 165

694

(M32)

Boreholes
EL-5, EL-3, EL-3, CR-25
Refer to map 198-Map-2
Curtis

# QUINSAM AREA PROFILE
## SECTION C-C'

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 300 600 900 1200 2000 FEET
1/8 1/4 MILE

A.S.L. (feet)

2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
Sea Level
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000
-1100
-1200

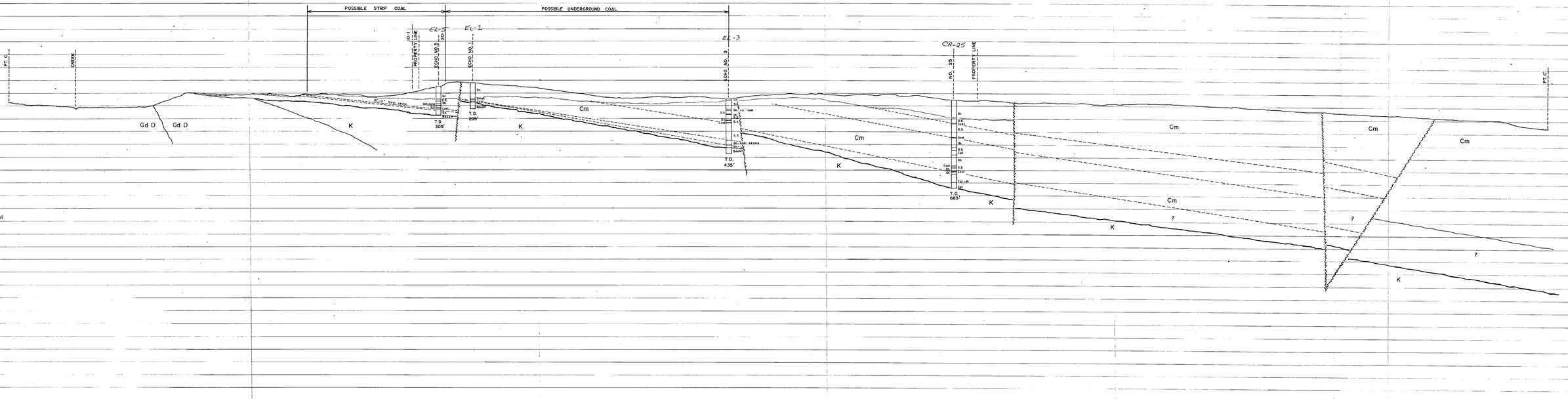


fig. 166

694

# QUINSAM AREA PROFILE
## SECTION D-D'

VERTICAL SCALE 0 50 100 200 300 400 500 600 FEET

HORIZONTAL SCALE 0 500 1000 1500 2000 FEET

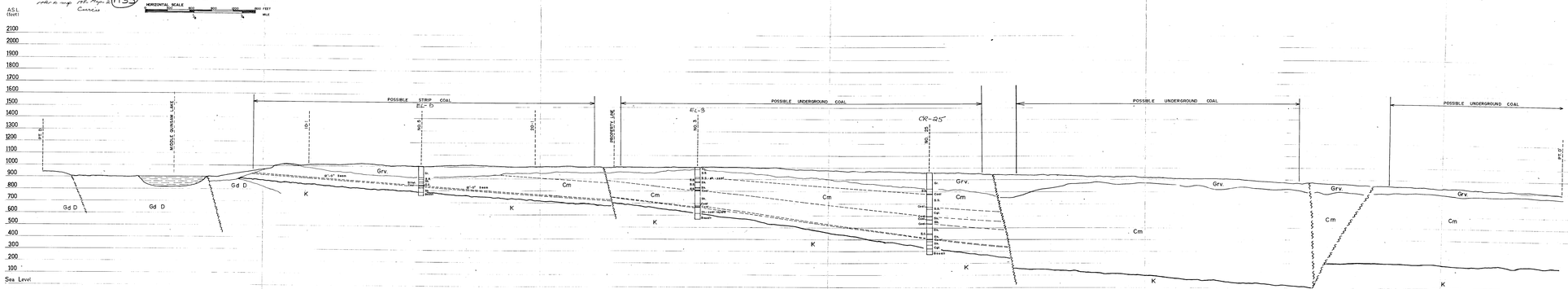


Fig. 167

EXPLORER
EL-2, EL-4
Refer to map 198-Map-2
Cuareis

694
(M34)

# QUINSAM AREA PROFILE
## SECTION E-E'

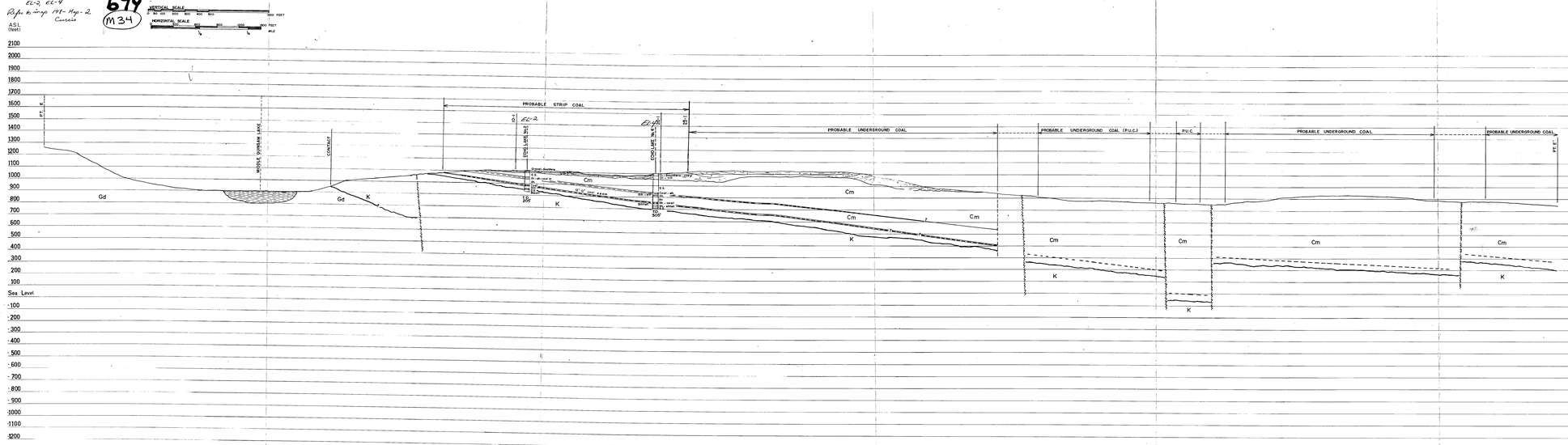


fig. 168

BOREHOLES
EL-2, EL-4
refer to map 198-Map-2
Curcio

694
M35

# QUINSAM AREA PROFILE
SECTION F-F'

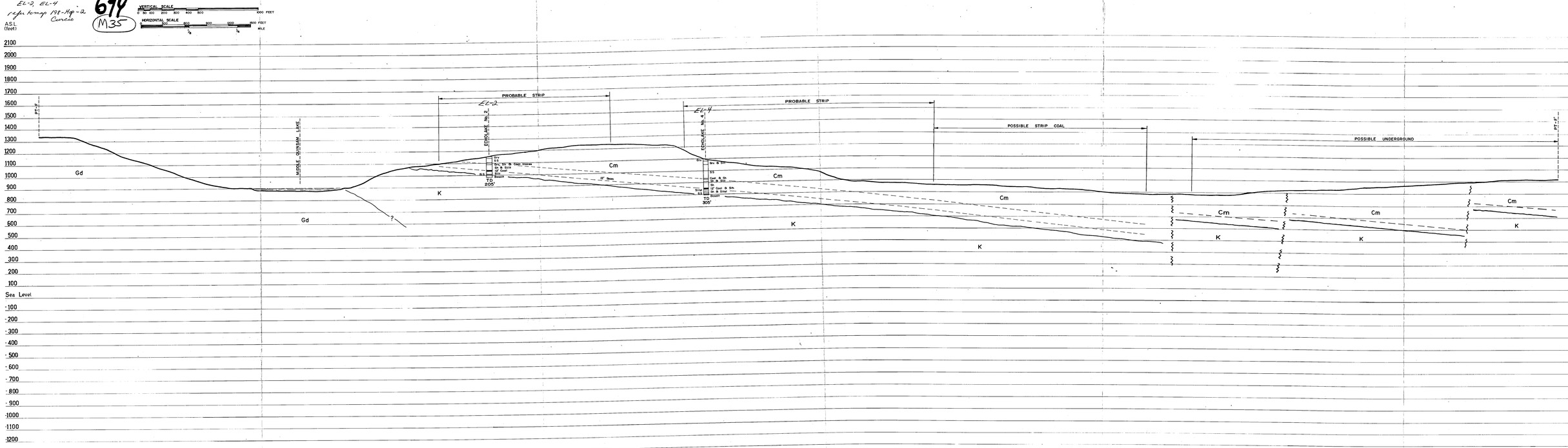


fig. 169

Bushrew
EL-8, CR-27
Refer to map - 198 - Map - 2
Curio

694
(M36)

# QUINSAM AREA PROFILE
## SECTION G-G'

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 500 1000 1500 2000 2500 FEET
1/8 1/4 MILE

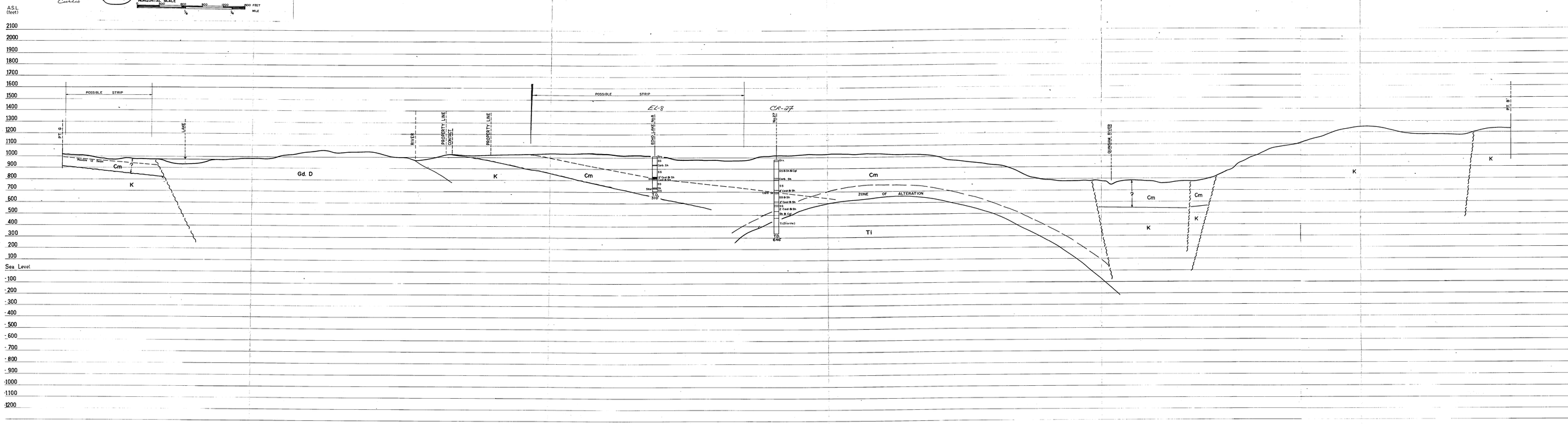


fig. 170 694 (M37)

Borehole EL-7
refer to map 198-Map-2.
Curcio

# QUINSAM AREA PROFILE
## SECTION H-H'

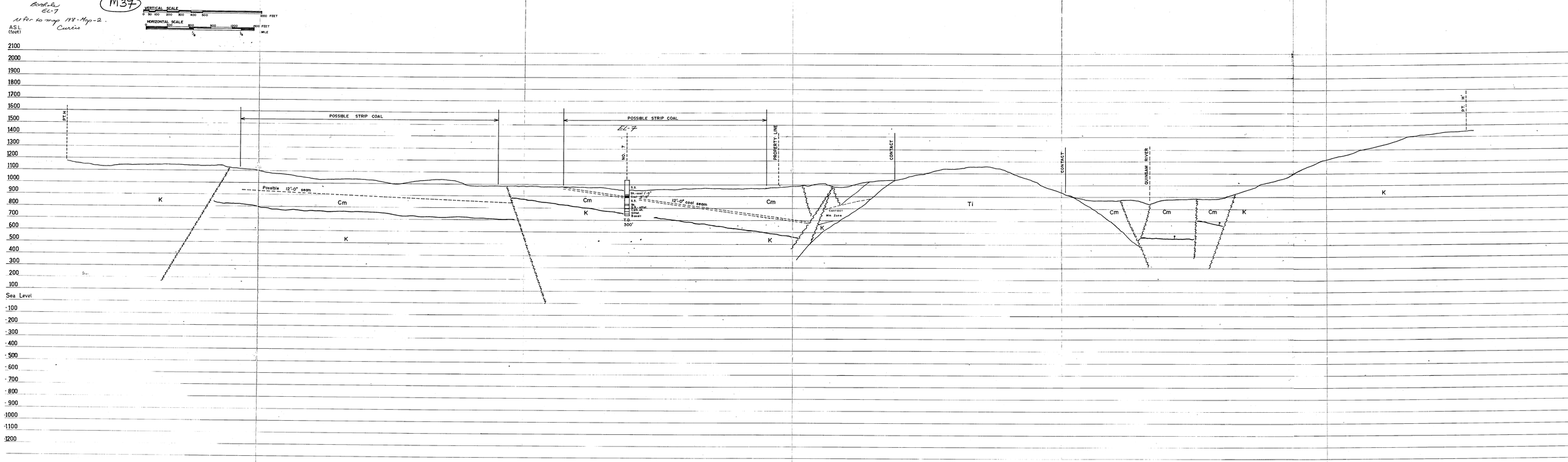


fig. 171 694

BOREHOLE CR-29

(M38)

refer to Map-198-Map-2 Curies

# QUINSAM AREA PROFILE

SECTION I-I'

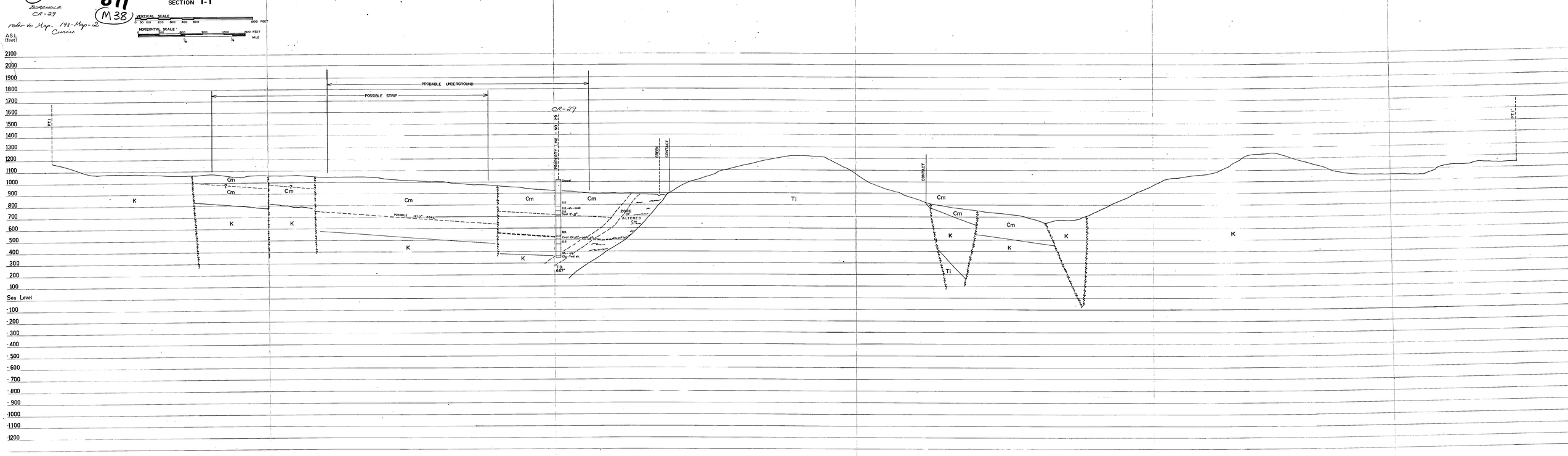


Fig. 172

# CAMPBELL RIVER AREA PROFILE
SECTION A-A'

694
M39

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 200 400 600 800 1000 2000 FEET
1/4 MILE

BOREHOLES CR-26, CR-23, CR-17, CR-24, CR-14, CR-12, CMH-1, CR-9. REFER TO MAP (178-MAP 2)

A.S.L. (feet)
2100 2000 1900 1800 1700 1600 1500 1400 1300 1200 1100 1000 900 800 700 600 500 400 300 200 100 Sea Level -100 -200 -300 -400 -500 -600 -700 -800 -900 -1000 -1100 -1200

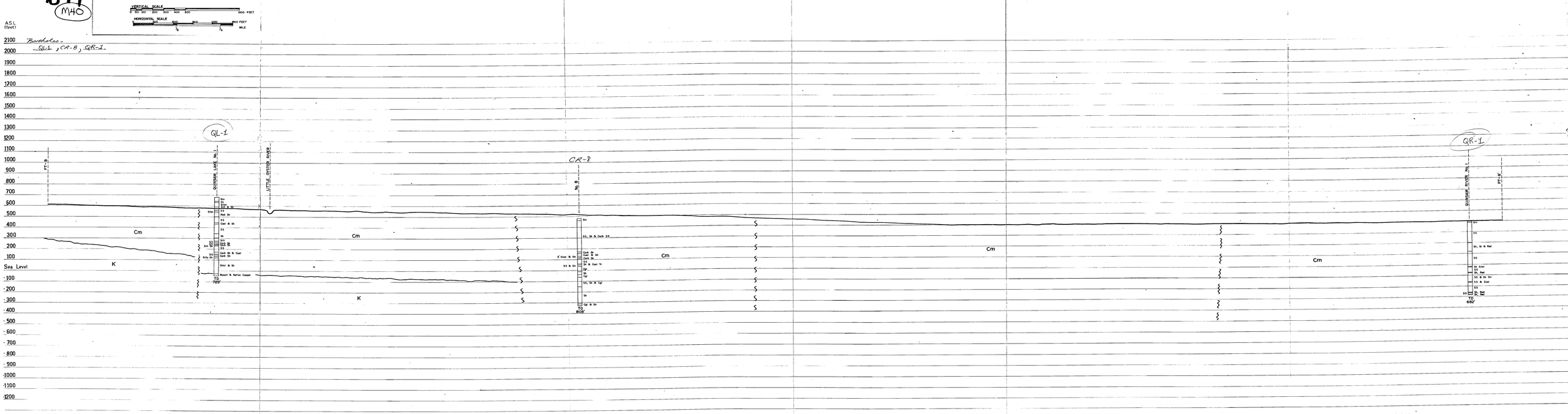
POSSIBLE UNDERGROUND

CR-26 No. 26 — Grv. Basalt — T.D. 86'
CR-23 No. 23 — Grv. Sh. S.S. Sh. & Cgl. S.S. & Sh. Coal & Sh. Sh. Sandy Sh. Coal Cgl. Basalt — T.D. 359'
CR-17 No. 17 — Grv. Sh. S.S. Cgl. Carb. Sh. Coal & Sh. Basalt — T.D. 398'
CR-24 No. 24 — Grv. S.S. Sh. & Coal Cgl. — T.D. 604'
CR-14 No. 14 — CREEK — Grv. S.S. & Sh. Cgl. & S.S. Coal Sh. Cgl. & Sh. — T.D. 959'
CR-12 No. 12 — Grv. Sh. & Carb. Sh. S.S. & Cgl. Sh. w/ Coal Tr. S.S. & Sh. Sh. & S.S. S.S. & Sh. S.S. & Cgl. 9'-7" Coal Carb. Sh. Sh. S.S. Basalt — T.D. 1057'
CMH-1 CAMPBELL No. 1 — Grv. Sh. Coal Carb. Sh. Siltstone Siltstone S.S. Sh. S.S. S.S. w/ Coal Tr. Siltstone Siltstone S.S. Sh. S.S. Sh. S.S. Sh. S.S. Sh. S.S. Sh. & Coal Carb. Sh. Sh. & Cgl. Carb. Sh. Carb. Sh. 9' Coal — T.D. 1010'
QUINSAM RIVER
QUINSAM RIVER
CR-9 No. 9 — Grv. S.S. & Sh. Sh. S.S. & Cgl. Sh. S.S. Sh. 2'-7" Coal Shale Sh. & S.S. — T.D. 1055'

Cm
K

fig. 173
694
M40

# CAMPBELL RIVER AREA PROFILE
SECTION B-B'



00694 (20) MAP 41a.

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2 3/4

**Legend**

Formational
Fault Inferr
Boundary of
Bore Hole..
Coal Outcro
WELDWOOD
Campbell Ri
Coal Area B

BEAVER TAIL LAKE

MILLER No.2 Km 170 T.D. 220

BEAVER TAIL CR.

CAMPBELL LAKE

Cm inferred

MILLER No.3 3.6 282 Km 380 T.D. 401

SNAKE HEAD LAKE

MILLER No.1 Km 918 T.D. 959

CR. 2.4 821 2 367 1/2 395 3.5 446 2.2 683 4.5 720 1.5 783 2.0 884 2.4 6660

ECHO LAKE

MIRROR LAKE

ZUKWA LAKE

U of T Zoological field camp

ECHO No.5 3.2 317.5 1.0 3293 2.0 357.9 1.0 364.5-2.0=drgs Km 394 T.D. 435

ECHO No.1 T.D. 205 Basalt

ECHO No.6

ECHO No.5 1.6 111 12.6 159 Km 213 T.D. 305

ECHO No.4 1.6 165 1.6 245 13.0 252 Km 275 T.D. 305

ECHO No.2 1.8 1062 11.9 119.5 Km 175 T.D. 208

QUINSAM

MIDDLE QUINSAM LAKE

ECHO No.8 7.4 131 Km T.D.

ECHO No.7 1.5 128 2.8 140 Km 270 T.D. 293

Iron Copper intrusive exposed

13ft. Coal exposed

RIVER

QUINSAM LAKE

GILSON LAKE

CAMPBELL No.2

OYSTER No.2

QUINSAM LAKE No.1 TR 436 I.O 508 Km 709 T.D. 729

NOTE:
CONTOURS SHOWN ARE TOP OF 1st COAL SEAM
Cx - Comox General 75(3)A

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
1st Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.

MICHELE P. CURCIO COAL CONSULTANT WEST VANCOUVER B.C. | Drawing No. 198-MAP-2B

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log ..... Coal seam thickness (ft) / Depth of seam (ft.) — 3.6 | 282 / Km 380 / T.D. 401

X-Sections ..... A — A'

QUINSAM AREA

CAMPBELL RIVER AREA

CAMPBELL LAKE
ECHO LAKE
MIRROR LAKE
LUKWA LAKE
QUINSAM LAKE
GILSON LAKE
BEAVER CR.
QUINSAM RIVER
LITTLE RIVER
OYSTER RIVER

Cm inferred

MILLER No.3 — 3.6 | 282 / Km 380 / T.D. 401

MILLER No.1 — C.R. 2.4 | 221; 2 | 387; 1/2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 886; Km 918; T.D. 918

CAMPBELL No.2 — T.D. 205-Bk

CAMPBELL No.1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 988; 1.0 | 992; 1.5 | 1010; 5.0 | 1022; T.D. 1055

QUINSAM No.1 — N.C. | T.D. 682

QUINSAM LAKE No.1 — F.R. 436; I.O. 508; Km 709; T.D. 729

OYSTER No.2 — I.O. 499; I.O. 501; 2.2 | 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

CARBONACEOUS SANDSTONE

NOTE:
CONTOURS SHOWN ARE TOP OF 1st COAL SEAM
Cx - Comox General 75(7)A

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
1st Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2B

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: APRIL 1975

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2

M416
Fig. 174.
.69Y

1st. Coal Seam Contours.

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2

**Legend**

Formationa
Fault Infer
Boundary c
Bore Hole.
Coal Outcr
WELDWOOD
Campbell R
Coal Area E

BEAVER TAIL LAKE

BEAVER TAIL CR.

CAMPBELL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

MIDDLE QUINSAM LAKE

QUINSAM RIVER

LITTLE QUINSAM

IRON CR.

OYSTER

MILLER No.2 — Km 170, T.D. 220

CARBONACEOUS SHALES — MILLER No.2 — 3.6 282; Km 360; T.D. 401

MILLER No.1 — CR. — 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 683; 3.5 720; 1.5 783; 2.0 884; 2.2 1066; Km 915; T.D. 985

ECHO No.3 — 4.2 317.5; 1.0 329.5; 2.0 357.9; 11.0 364.5-2.0=stgs; Km 394; T.D. 435

ECHO No.1 — T.D. 205 Basalt

ECHO No.5 — 1.6 111; 2.6 159; Km 213; T.D. 305

ECHO No.4 — 1.6 165; 1.6 249; 13.0 252; Km 275; T.D. 305

ECHO No.2 — 8 1062; 11.6 1119.5; Km 175; T.D. 1206

ECHO No.8 — Km 131; T.D.

ECHO No.7 — 1.5 128; 2.6 148; Km 270; T.D. 293

QUINSAM LAKE No.1 — T.R. 436; 1.0 508; Km 709; T.D. 729

Iron Copper intrusive exposed

13ft. Coal exposed

U of T Zoological field camp

Cm

Cm inferred

Ti

Gd D

THIN

NOTE:
CONTOURS SHOWN ARE TOP OF 2nd COAL SEAM

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | | | |
|---|---|---|---|
| QUINSAM and CAMPBELL RIVER AREA<br>2nd Coal Seam Contours | | | |
| Scale: 4 inches = 1 mile | Date: FEB. 1973 | Drawn By: | Date Rev. |
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-2C | |

Cx - Comox Gen. 75(2)A

fig. 175 (M42)

671 2nd Coal Seam Contours. Quinsam. 2C

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm.-coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km- |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft.); Km - Total Depth

X-Sections A — A'

CAMPBELL RIVER AREA

BEAVERTAIL

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

Cm inferred

Cm

Ti

V

MILLER No. 1 — C.R. 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 683; 4.5 720; 1.5 783; 2.0 884; 2.4 [illegible]; Km 918; T.D. 945

3.6 282; Km 380; T.D. 401

CAMPBELL No. 2 — T.D. 205-6"

CAMPBELL No. 1 — 1.3 9247; 4.0 946; 1.8 972.2; 2.0 988; 1.0 992; 1.5 1010; 5.0 1022; T.D. 1055

QUINSAM No. 1 — C.R. 436; 1.0 508; Km 709; T.D. 729

QUINSAM RIVER No. 1 — N.C. T.D. 682

OYSTER No. 2 — 1.0 499; 1.0 501; 2.2 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

OF 2nd COAL SEAM

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No.: 198-MAP-2

DA LIMITED
L PROPERTIES
RIVER AREA
ours
Drawn By: | Date Rev.
TANT | Drawing No.: 198-MAP-2C
Ex - Comox Gen. 75(2)A

M428

fig. 175

671 2nd Coal Seam Contours.
Quinsam. 2C

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2 3/4

**Legend**

Formational
Fault Infer
Boundary
Bore Hole.
Coal Outcr
WELDWOOD
Campbell R
Coal Area

BEAVER TAIL LAKE

BEAVER TAIL CR.

CAMPBELL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

GILSON LAKE

QUINSAM LAKE

MIDDLE QUINSAM LAKE

MILLER

QUINSAM RIVER

IRON

OYSTER

Cm

Cm inferred

Ti

Gd D

MILLER No.2 — Km 170, T.D. 220

MILLER No.3 — 3.6 282, Km 380, T.D. 401

MILLER No.1 — CR. 2.4 321, 2.1 367, 1.2 395, 3.5 446, 2.2 683, 4.5 720, 1.5 783, 2.0 884, 2.4 [illegible], Km 91[illegible], T.D. 9[illegible]

ECHO No.1 — T.D. 205, Basalt

ECHO No.2 — 1.8 1062, 1.9 1195, Km 175, T.D. 208

ECHO No.3 — 4.2 317.5, 1.0 3293, 2.0 3579, 1.0 3645-2.0 mgs, Km 394, T.D. 435

ECHO No.4 — 1.6 165, 1.6 245, 13.0 252, Km 275, T.D. 305

ECHO No.5 — 1.6 111, 12.6 159, Km 213, T.D. 305

ECHO No.6

ECHO No.7 — 1.5 128, 2.6 148, Km 270, T.D. 293

ECHO No.8 — 17.4 131, Km [illegible], T.D.

QUINSAM No.1 — CR. 4.6, 1.0 508, Km 709, T.D. 729

U of T Zoological field camp

Iron Copper intrusive exposed

13ft. Coal exposed

A A' B B' C C' D D' E E' F F' G G' H H' I I'

NOTE
CONTOURS SHOWN ARE TOP OF BASALT

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Basalt Contours

| Scale | Date | Drawn By | Date Rev. |
|---|---|---|---|
| 4 inches = 1 mile | FEB. 1976 | | |

MICHELE P. CURCIO - CAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2A

Cx - Coma Gen 15 [illegible]

Fig 176
Fig 9.1
(M43)

BASALT CONTOURS
QUINSAM. 2A

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)

X-Sections A — A'

Km - T.D. - Total Depth

CAMPBELL RIVER AREA

QUINSAM RIVER AREA

BEAVER CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

OYSTER RIVER

MILLER No. 1 — 3.6 282 / Km 380 / T.D. 401

CR. — 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 685; 4.5 720; 1.5 783; 2.0 884; 2.4 [illegible]; Km 918; T.D. 919

CAMPBELL No. 2 — T.D. 205 - Sh

CAMPBELL No. 1 — 1.3 924.7; 4.0 946; 1.8 972.2; 2.0 988; 1.0 992; 1.5 1010; 3.0 1022; T.D. 1055

QUINSAM RIVER No. 1 — N.C. / T.D. 682

QUINSAM LAKE No. 1 — T.R 436; 1.0 508; Km 709; T.D. 729

OYSTER No. 2 — 1.0 499; 1.0 501; 2.2 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

NOTE
CONTOURS SHOWN ARE TOP OF BASALT

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Basalt Contours
Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-2A

Cx - Comox Gen 75 (22)

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary
Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-2

Fig 176
Fig 9.1
(M43B)

BASALT CONTOURS
QUINSAM. 2A

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2

**Legend**

Formation
Fault Inf
Boundary
Bore Hol
Coal Out
WELDWO
Campbell
Coal Are

Area 'A'

Area 'B'

Area 'C'

Area 'D'

Area 'S'

BEAVER TAIL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

CAMPBELL LAKE

MIDDLE QUINSAM LAKE

QUINSAM LAKE

GILSON LAKE

LITTLE QUINSAM LAKE

BEAVER TAIL CR.

CR.

QUINSAM RIVER

IRON CR.

OYSTER

MILLER No.1 — Km 170, TD 220

MILLER No.2

MILLER No.3 — 3.6 282; Km 380; T.D. 401

ECHO No.1 — T.D. 205, Basalt

ECHO No.2 — 1.8 1062; 11.8 110.5; Km 175; T.D. 209

ECHO No.3 — 4.2 317.5; 1.0 3293; 2.0 3579; 1.0 3645 2.0m ptge; Km 394; T.D. 435

ECHO No.4 — 1.6 165; 1.6 245; 13.0 252; Km 275; T.D. 305

ECHO No.5 — 1.6 111; 12.6 159; Km 213; T.D. 305

ECHO No.6

ECHO No.7 — 11.5 128; 12.6 140; Km 270; T.D. 295

ECHO No.8 — 11.4 131; 1 Km T.D.

QUINSAM LAKE No.1 — T.R. 436; 1.0 508; Km 709; T.D. 729

Cm

Cm inferred

Ti

Gd D

Iron Copper intrusive exposed

13ft. Coal @ 100ft

U of T Zoological field camp

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log ..... Coal seam thickness (ft) / Depth of seam (ft.)
Km - T.D. - Total Depth

X-Sections ..... A — A'

Area 'D'

Area 'C'

Area 'B'

CAMPBELL RIVER AREA

BEAVER CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

QUINSAM RIVER

LITTLE QUINSAM RIVER

OYSTER RIVER

Iron Copper intrusive exposed

13ft. Coal exposed

MILLER No. 1 — 3.6 | 282 / Km 380 / T.D. 401

CR. — 2.4 | 221; 2.1 | 367; 1.2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 969; Km 970; T.D. 935

CAMPBELL No. 2 LC — TD 205-Grk

CAMPBELL No. 1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 988; 1.0 | 992; 1.5 | 1010; 5.0 | 1022; T.D. | 1055

QUINSAM LAKE No. 1 — T.R. | 436; 1.0 | 508; Km | 709; T.D. | 729

OYSTER No. 2 — 1.0 | 499; 1.0 | 501; 2.2 | 507.8; Km | 730; T.D. | 752

QUINSAM RIVER No. 1 — NC | T.D. | 682

fig. 177

M448

694

| | |
|---|---|
| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | |
| RESERVE OUTLINE QUINSAM AREA | |
| Scale 4 inches = 1 mile | SEPT. 1975 |
| MICHELE B. DUBOIS - COAL CONSULTANT NORTH VANCOUVER, B.C. | DRAWING NO. 198-MAP-10 |

# QUINSAM AREA

BEAVER TAIL LAKE

SNAKE HEAD LAKE

MIDDLE QUINSAM LAKE

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

LITTLE QUINSAM

BEAVER TAIL CR.

MILLER CR.

QUINSAM RIVER

IRON CR.

OYSTER

MILLER No.2
Km 170
T.D. 220

MILLER No.3
3.6 282
Km 380
T.D. 401

MILLER No.1
C.R.
2.4 221
2.1 367
1.2 395
3.5 446
2.2 683
4.5 720
1.5 783
2.0 884
2.4 886
Km 956
T.D. 956

U of T Zoological field camp

ECHO No.1
5 148
Km 193
T.D. 205
Basalt

ECHO No.2
1.8 106.2
11.8 110.5
Km 175
T.D. 205

ECHO No.3
4.2 317.5
1.0 329.3
2.3 357.9
11.0 364.5-2.0=prgs
Km 394
T.D. 435

ECHO No.4
1.6 165
1.6 245
13.0 252
Km 275
T.D. 305

ECHO No.5
1.6 111
12.6 159
Km 213
T.D. 305

ECHO No.6

ECHO No.7
11.5 128
2.6 140
Km 270
T.D. 295

ECHO No.8
11.4 181
Km
T.D.

13ft. Coal exposed

Iron Copper intrusive exposed

QUINSAM LAKE No.1
T.R. 436
1.0 508
Km 709
T.D. 729

CAMPBELL No.2

OYSTER No.

Cm

Cm inferred

Gd D

Ti

Dm

A A' B B' C C' D D' E E' F F' G G' H H' I I'

## Legend

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

Formational

Fault Inferr

Boundary of

Bore Hole

Coal Outcro

WELDWOOD

Campbell Ri

Coal Area B

0 1/8 1/4 1/2 3/4

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)
Km - T.D. - Total Depth

X-Sections A — A'

CAMPBELL RIVER AREA

Area 'A'

Area 'B'

BEAVERTAIL CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

QUINSAM RIVER

LITTLE QUINSAM RIVER

OYSTER RIVER

MILLER No. 1 — 3.6 | 282; Km 380; T.D. 401

CR. — 2.4 | 221; 2.1 | 367; 1.2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 888; Km 976; T.D. 936

CAMPBELL No. 2 — L.C. T.D. 205-GIV

CAMPBELL No. 1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 982; 1.0 | 992; 1.5 | 1010; 50 | 1022; T.D. | 1055

QUINSAM No. 1 — T.R. | 436; I.O | 508; Km | 709; T.D. | 729

QUINSAM RIVER No. 1 — N.C. | T.D. | 682

OYSTER No. 2 — I.O | 499; I.O | 501; 2.2 | 507.8; Km | 730; T.D. | 752

Iron Copper intrusive exposed

13ft. Coal exposed

Cx - Comox General 75(2)A

fig. 178

M45

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
RESERVE OUTLINE
CAMPBELL RIVER AREA
699

Scale 4 inches = 1 mile | Date SEPT 1975 | Drawn By MGF | Drawing No. 198-MAP-11

MICHELE P. GURGIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Campbell Lake

Beavertail L.

Cr

Echo L.

Mirror L.

Mine

Snakehead L.

Quinsam Lake

Quinsam R.

Quinsam

Middle Quinsam Lake

Iron

LEGEND

Paved Road. . . . . .

Secondary Road. . . . . .

Railroad. . . . . .

Abandoned Railroad . .

1/2 0 1 2 3 Miles

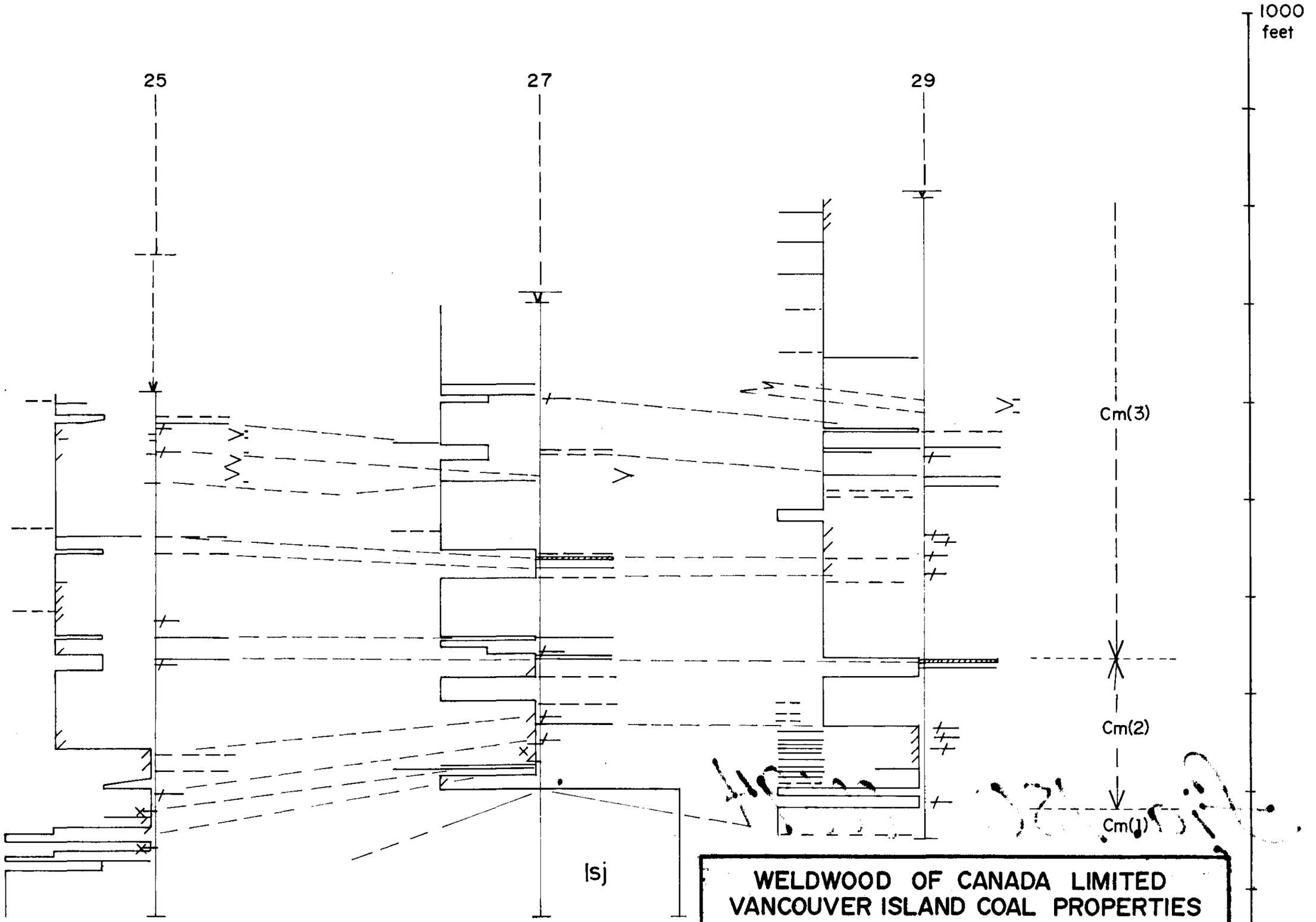
fig. 179 694 M46

CX - Comox GENERAL 5(21A

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

EXISTING AND ABANDONED TRANSPORTATION NETWORK
QUINSAM AND CAMPBELL AREA

| Scale: 1.25 inches = 1 mile | Date: SEPT. 1975 | Drawn By: G.S.G. |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER , B.C. | | Drawing No.:<br>198-MAP-15a |

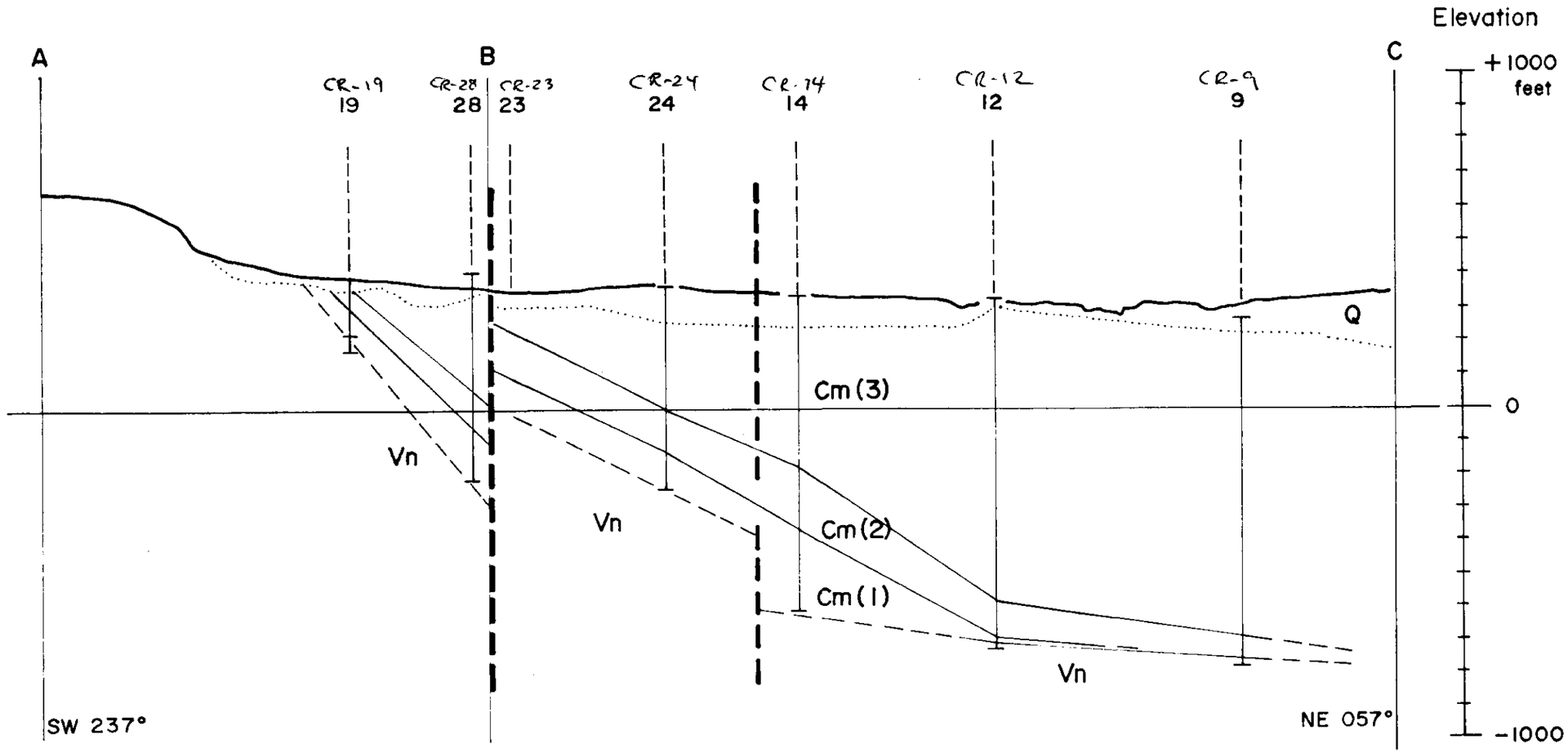


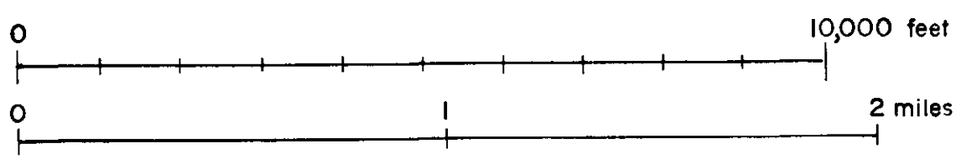

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

## STRATIGRAPHIC SECTIONS
## QUINSAM AREA

| Scale: N/A | Date: | Drawn By: J.E. HUGHES |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER , B.C. | | Drawing No.:<br>FIGURE 1 |

fig. 183
00694
M48



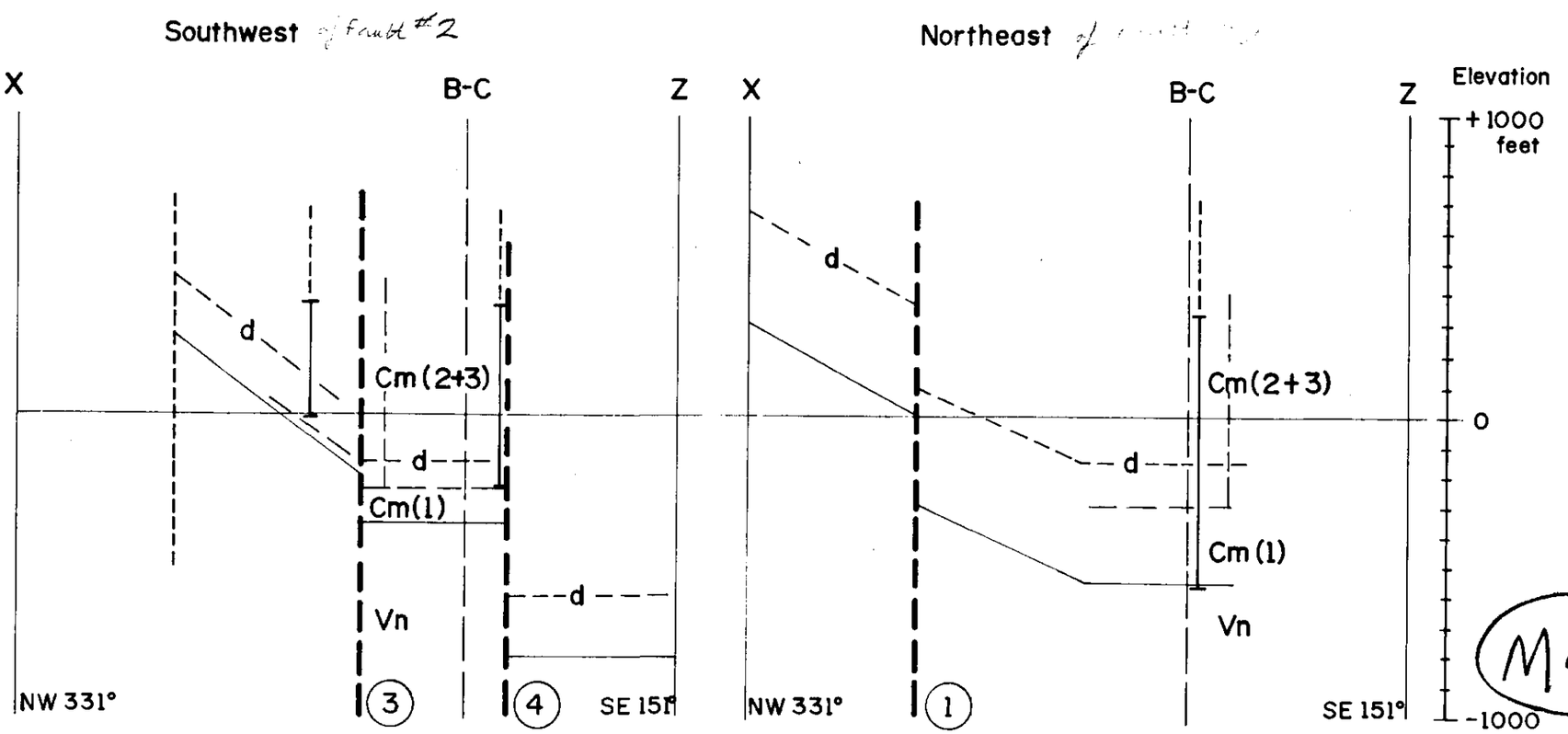




# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

STRUCTURE SECTION A-B-C
CAMPBELL RIVER AREA

| Scale: SHWN | Date: | Drawn By: J.E. HUGHES |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: FIGURE 4 |

EQUINSAM




* Projections to vertical on line of fault 2.

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| STRUCTURE SECTION X Z<br>CAMPBELL RIVER AREA | | |
| Scale: SHWN | Date: | Drawn By: J.E. HUGHES |
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: FIGURE 5 |

M49

fig. 184

00694

CUMBERLAND AREA

TSABLE RIVER

COMOX LAKE

BROWNS RIVER

PUNTLEDGE RIVER

MAPLE LAKE

TEL LAKE

PIGEON LAKE

HAMILTON LAKE

TRENT RIVER

TREMAIN

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

694 (20)
M50B

Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover.
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log — Coal seam thickness(ft) / Depth of seam(ft); Tr. - Trace; T.D. - Total Depth
- X-Section
- Slack Waste Piles

BROWN'S No. 2: 0.9 798; 1.5 926; 0.8 2276; 0.3 2723; 0.6 2965; 0.3 3274; L.O 3382; Tr. 3866; Km 4051; T.D. 4251

BROWN'S No. 1: 1.3 181; 1.5 183; 2.0 1715; 2.8 2405; 1.0 2445; 2.0 3085; 1.4 4335; 2.0 4345; 3.0 5635; 2.0 6445; 4.0 8505; Km 6955; T.D. 7175

BRADLEY No. 1: 1.8 60.5; 1.3 63; 1.9 284; 0.8 290; 1.5 388.5; Tr. 476; 1.0 478; 5.2 480; 1.3 487.3; 1.4 489.7; Km 509; T.D. 520

TRENT 2: 0.8 1244; 1.0 1265; 1.0 2875; 1.8 3358; 1.8 3393; 1.5 4852; 1.8 5018; 1.6 5058; 2.0 5108; 1.5 5133; Km 5255; T.D. 5345; N.C. Garb. Sh. 636; Km 651

BRADLEY No. 2: 2.0 20; 1.0 25; 1.9 38.5; 1.4 44; 1.0 107; 1.2 115; 1.0 117; 1.2 125; 1.5 262; 1.0 343; 0.8 345; Km 363; T.D. 380

BLODEL No. 1: N.C. T.D. 537

CX - Comox 78 (2) A.

54

694 (A)

DIGITIZE

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and T'SABLE AREA
Geology - Bore Holes - Property Boundary - Slack Waste Location

| | | |
|---|---|---|
| Scale: 4 inches = 1 mile | Date: APRIL | Drawn By: |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5 |

# TSABLE RIVER AREA

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic | Gd. D | Island Intrusive |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover.
- Bore Hole
- WELDWOOD PROPERTIES
- Coal Area Outline
- X-Section A — A'
- Slack Waste Pile

Drill Log — Coal seam thickness (ft) / Depth of seam (ft).

| | | |
|---|---|---|
| 3.6 | 282 | Km - Karmutsen |
| Tr. | 380 | Tr. - Trace |
| Km | 401 | T.D. - Total Depth |
| T.D | 474 | L.C. - Lost Circulation |
| | | N.C. - No Coal |

TSABLE RIVER AREA

TSABLE RIVER MINE

TSABLE No. 1: 20 64; 40 182.5; 30 289; No. 326; T.D. 357

TSABLE No. 2: 1.0 259; 1.0 262; 1.0 3539; 2.0 408; 1.0 528; 6.1 5365; 2.1 5655; 100 6555; 3.2 7767; T.D. 8465

TSABLE No. 3: 2.0 197; 1.8 3532; 2.0 475; 2.0 478; 2.0 4812; 7.6 5748; 1.0 583; T.D. 773

LANGLEY No. 1 — N.C. T.D. 601

LANGLEY No. 2 — N.C. T.D. 717

COWIE CR. No. 1 — N.C. T.D. 51 - Basalt

COWIE CR. No. 2A — L.C. 60 63

COWIE CR. No. 2B — 1 64

COAL CR. No. 4 — N.C. T.D. 225

COAL CR. No. 3 — N.C. T.D. 53 - Grv.

COAL CR. No. 2 — N.C. T.D. 213

COAL CR. No. 1 — N.C. T.D. 387 - Grv.

ROSEWALL No. 1 — L.C. T.D. 43 - Snd

COOK CR. No. 1 — N.C. Grv. 0-155; Km 155; T.D. 185

OLD BORE HOLE

THICK BOTTOM SEAM REPORTED AT 1,000' HOLE ABANDONED IN COAL

NELSON NEWCASTLE DIST.

TUMBLEWATER CREEK

K CREEK

COWIE CREEK

COUGARSMITH CREEK

WILFRED CREEK

WATERLOO CREEK

ROSEWALL CREEK

BUCKLEY BAY

UNION BAY

Union Bay Pile

HART

FANNY BAY

SHIP PEN.

MUD BAY

BRADLEY LAKE

ANGLEY LAKE

LANGLEY LAKE

TSABLE RIVER

---

(151) 694(B)

54

CM - Comox Fm (2) A.

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | |
|---|---|
| T'SABLE RIVER AREA<br>Geology - Bore Holes - Property Boundary | |
| Scale: 4 inches = 1 mile | Date: MAY<br>Drawn By: JAS REVISED FEB 1978 |
| MICHELE P CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | Drawing No.: 198 - MAP - 6 |

DIGITIZE

fig. 169

Bushrew
EL-8, CR-27
Refer to map - 198 - Map - 2
Curio

694
(M36)

# QUINSAM AREA PROFILE
## SECTION G-G'

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 500 1000 1500 2000 2500 FEET
1/8 1/4 MILE

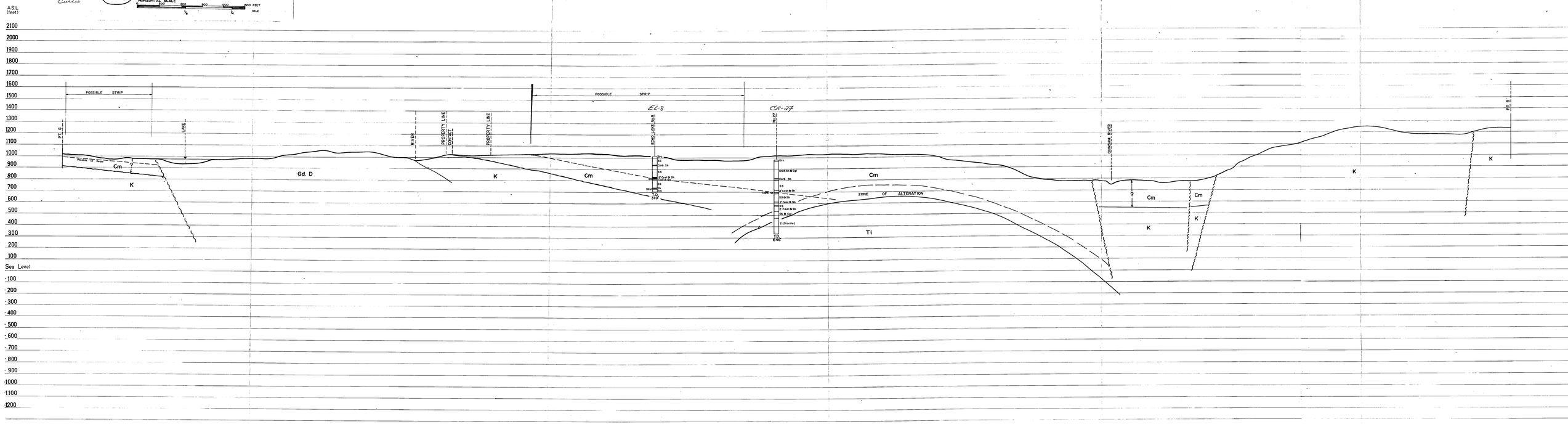


fig. 170 694 (M37)

Borehole EL-7
refer to map 198-Map-2.
Curcio

# QUINSAM AREA PROFILE
## SECTION H-H'

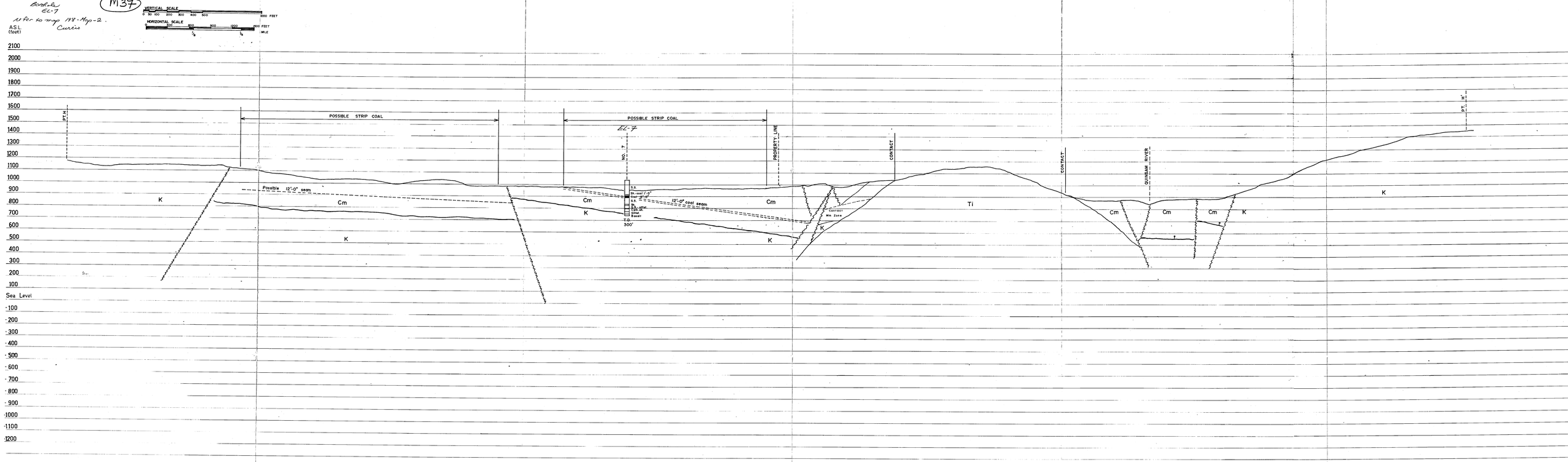


fig. 171 694

BOREHOLE CR-29

(M38)

refer to Map-198-Map-2 Curies

# QUINSAM AREA PROFILE

SECTION I-I'

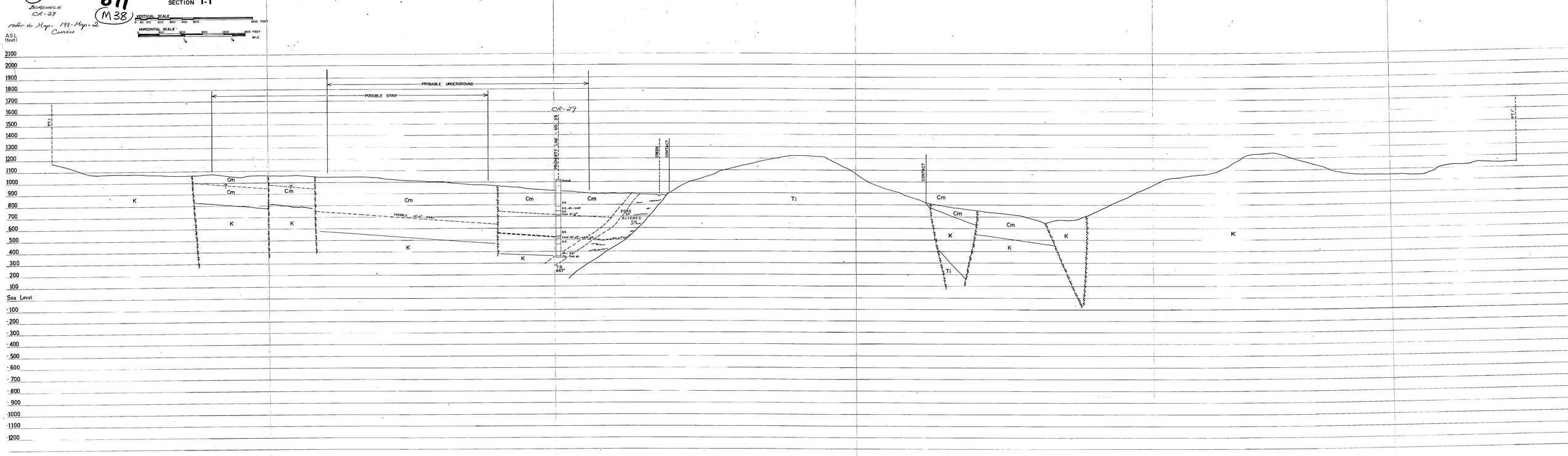


Fig. 172

# CAMPBELL RIVER AREA PROFILE
SECTION A-A'

694
M39

VERTICAL SCALE
0 50 100 200 300 400 500 1000 FEET

HORIZONTAL SCALE
0 200 400 600 800 1000 2000 FEET
1/4 MILE

BOREHOLES CR-26, CR-23, CR-17, CR-24, CR-14, CR-12, CMH-1, CR-9. REFER TO MAP (178-MAP 2)

A.S.L. (feet)
2100 2000 1900 1800 1700 1600 1500 1400 1300 1200 1100 1000 900 800 700 600 500 400 300 200 100 Sea Level -100 -200 -300 -400 -500 -600 -700 -800 -900 -1000 -1100 -1200

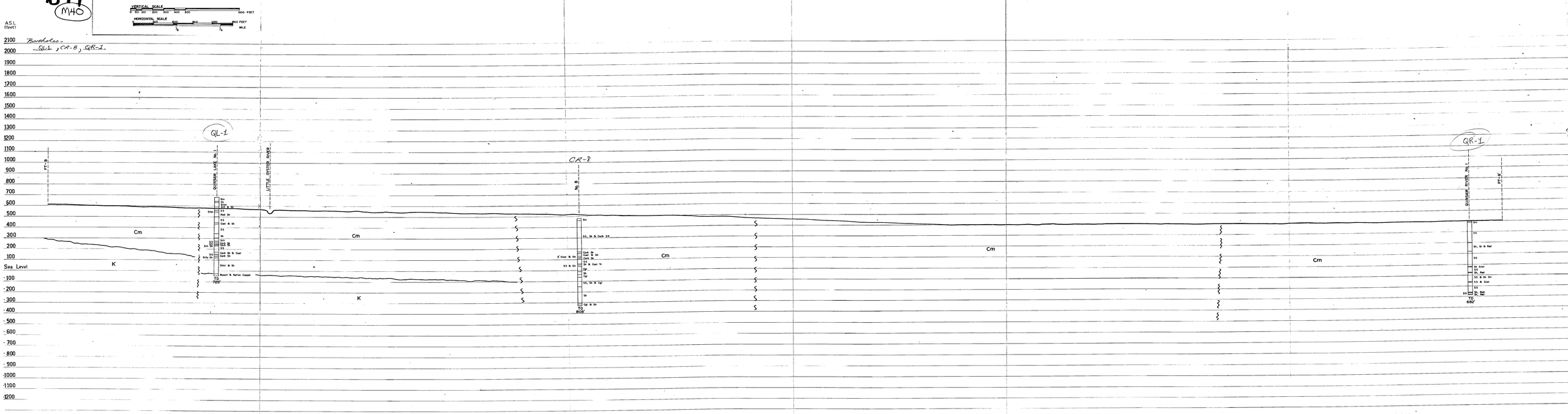
POSSIBLE UNDERGROUND

CR-26 No. 26 — Grv. Basalt — T.D. 86'
CR-23 No. 23 — Grv. Sh. S.S. Sh. & Cgl. S.S. & Sh. Coal & Sh. Sh. Sandy Sh. Coal Cgl. Basalt — T.D. 359'
CR-17 No. 17 — Grv. Sh. S.S. Cgl. Carb. Sh. Coal & Sh. Basalt — T.D. 398'
CR-24 No. 24 — Grv. S.S. Sh. & Coal Cgl. — T.D. 604'
CR-14 No. 14 — CREEK — Grv. S.S. & Sh. Cgl. & S.S. Coal Sh. Cgl. & Sh. — T.D. 959'
CR-12 No. 12 — Grv. Sh. & Carb. Sh. S.S. & Cgl. Sh. w/ Coal Tr. S.S. & Sh. Sh. & S.S. S.S. & Sh. S.S. & Cgl. 9'-7" Coal Carb. Sh. Sh. S.S. Basalt — T.D. 1057'
CMH-1 CAMPBELL No. 1 — Grv. Sh. Coal Carb. Sh. Siltstone Siltstone S.S. Sh. S.S. S.S. w/ Coal Tr. Siltstone Siltstone S.S. Sh. S.S. Sh. S.S. Sh. S.S. Sh. S.S. Sh. & Coal Carb. Sh. Sh. & Cgl. Carb. Sh. Carb. Sh. 9' Coal — T.D. 1010'
QUINSAM RIVER
QUINSAM RIVER
CR-9 No. 9 — Grv. S.S. & Sh. Sh. S.S. & Cgl. Sh. S.S. Sh. 2'-7" Coal Shale Sh. & S.S. — T.D. 1055'

Cm
K

fig. 173
694
M40

# CAMPBELL RIVER AREA PROFILE
SECTION B-B'



00694 (20) MAP 41a.

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2 3/4

**Legend**

Formational
Fault Inferr
Boundary of
Bore Hole..
Coal Outcro
WELDWOOD
Campbell Ri
Coal Area B

BEAVER TAIL LAKE

MILLER No.2 Km 170 T.D. 220

BEAVER TAIL CR.

CAMPBELL LAKE

Cm inferred

MILLER No.3 3.6 282 Km 380 T.D. 401

SNAKE HEAD LAKE

MILLER No.1 Km 918 T.D. 959

CR. 2.4 821 2 367 1/2 395 3.5 446 2.2 683 4.5 720 1.5 783 2.0 884 2.4 6660

ECHO LAKE

MIRROR LAKE

ZUKWA LAKE

U of T Zoological field camp

ECHO No.5 3.2 317.5 1.0 3293 2.0 357.9 1.0 364.5-2.0=drgs Km 394 T.D. 435

ECHO No.1 T.D. 205 Basalt

ECHO No.6

ECHO No.5 1.6 111 12.6 159 Km 213 T.D. 305

ECHO No.4 1.6 165 1.6 245 13.0 252 Km 275 T.D. 305

ECHO No.2 1.8 1062 11.9 119.5 Km 175 T.D. 208

QUINSAM

MIDDLE QUINSAM LAKE

ECHO No.8 7.4 131 Km T.D.

ECHO No.7 1.5 128 2.8 140 Km 270 T.D. 293

Iron Copper intrusive exposed

13ft. Coal exposed

RIVER

QUINSAM LAKE

GILSON LAKE

CAMPBELL No.2

OYSTER No.2

QUINSAM LAKE No.1 TR 436 I.O 508 Km 709 T.D. 729

NOTE:
CONTOURS SHOWN ARE TOP OF 1st COAL SEAM
Cx - Comox General 75(3)A

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
1st Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.

MICHELE P. CURCIO COAL CONSULTANT WEST VANCOUVER B.C. | Drawing No. 198-MAP-2B

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log ..... Coal seam thickness (ft) / Depth of seam (ft.) — 3.6 | 282 / Km 380 / T.D. 401

X-Sections ..... A — A'

QUINSAM AREA

CAMPBELL RIVER AREA

CAMPBELL LAKE
ECHO LAKE
MIRROR LAKE
LUKWA LAKE
QUINSAM LAKE
GILSON LAKE
BEAVER CR.
QUINSAM RIVER
LITTLE RIVER
OYSTER RIVER

Cm inferred

MILLER No.3 — 3.6 | 282 / Km 380 / T.D. 401

MILLER No.1 — C.R. 2.4 | 221; 2 | 387; 1/2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 886; Km 918; T.D. 918

CAMPBELL No.2 — T.D. 205-Bk

CAMPBELL No.1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 988; 1.0 | 992; 1.5 | 1010; 5.0 | 1022; T.D. 1055

QUINSAM No.1 — N.C. | T.D. 682

QUINSAM LAKE No.1 — F.R. 436; I.O. 508; Km 709; T.D. 729

OYSTER No.2 — I.O. 499; I.O. 501; 2.2 | 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

CARBONACEOUS SANDSTONE

NOTE:
CONTOURS SHOWN ARE TOP OF 1st COAL SEAM
Cx - Comox General 75(7)A

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
1st Coal Seam Contours

Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2B

**WELDWOOD OF CANADA LIMITED**
**VANCOUVER ISLAND COAL PROPERTIES**

QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: APRIL 1975

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2

M416
Fig. 174.
.69Y

1st. Coal Seam Contours.

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2

**Legend**

Formationa
Fault Infer
Boundary c
Bore Hole.
Coal Outcr
WELDWOOD
Campbell R
Coal Area E

BEAVER TAIL LAKE

BEAVER TAIL CR.

CAMPBELL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

MIDDLE QUINSAM LAKE

QUINSAM RIVER

LITTLE QUINSAM

IRON CR.

OYSTER

MILLER No.2 — Km 170, T.D. 220

CARBONACEOUS SHALES — MILLER No.2 — 3.6 282; Km 360; T.D. 401

MILLER No.1 — CR. — 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 683; 3.5 720; 1.5 783; 2.0 884; 2.2 1066; Km 915; T.D. 985

ECHO No.3 — 4.2 317.5; 1.0 329.5; 2.0 357.9; 11.0 364.5-2.0=stgs; Km 394; T.D. 435

ECHO No.1 — T.D. 205 Basalt

ECHO No.5 — 1.6 111; 2.6 159; Km 213; T.D. 305

ECHO No.4 — 1.6 165; 1.6 249; 13.0 252; Km 275; T.D. 305

ECHO No.2 — 8 1062; 11.6 1119.5; Km 175; T.D. 1206

ECHO No.8 — Km 131; T.D.

ECHO No.7 — 1.5 128; 2.6 148; Km 270; T.D. 293

QUINSAM LAKE No.1 — T.R. 436; 1.0 508; Km 709; T.D. 729

Iron Copper intrusive exposed

13ft. Coal exposed

U of T Zoological field camp

Cm

Cm inferred

Ti

Gd D

THIN

NOTE:
CONTOURS SHOWN ARE TOP OF 2nd COAL SEAM

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | | | |
|---|---|---|---|
| QUINSAM and CAMPBELL RIVER AREA<br>2nd Coal Seam Contours | | | |
| Scale: 4 inches = 1 mile | Date: FEB. 1973 | Drawn By: | Date Rev. |
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-2C | |

Cx - Comox Gen. 75(2)A

fig. 175 (M42)

671 2nd Coal Seam Contours. Quinsam. 2C

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm.-coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km- |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft.); Km - Total Depth

X-Sections A — A'

CAMPBELL RIVER AREA

BEAVERTAIL

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

Cm inferred

Cm

Ti

V

MILLER No. 1 — C.R. 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 683; 4.5 720; 1.5 783; 2.0 884; 2.4 [illegible]; Km 918; T.D. 945

3.6 282; Km 380; T.D. 401

CAMPBELL No. 2 — T.D. 205-6"

CAMPBELL No. 1 — 1.3 9247; 4.0 946; 1.8 972.2; 2.0 988; 1.0 992; 1.5 1010; 5.0 1022; T.D. 1055

QUINSAM No. 1 — C.R. 436; 1.0 508; Km 709; T.D. 729

QUINSAM RIVER No. 1 — N.C. T.D. 682

OYSTER No. 2 — 1.0 499; 1.0 501; 2.2 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

OF 2nd COAL SEAM

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES

QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary

Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:

MICHELE P. CURCIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Drawing No.: 198-MAP-2

DA LIMITED
L PROPERTIES
RIVER AREA
ours
Drawn By: | Date Rev.
TANT | Drawing No.: 198-MAP-2C
Ex - Comox Gen. 75(2)A

M428

fig. 175

671 2nd Coal Seam Contours.
Quinsam. 2C

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2 3/4

**Legend**

Formational
Fault Infer
Boundary
Bore Hole.
Coal Outcr
WELDWOOD
Campbell R
Coal Area

BEAVER TAIL LAKE

BEAVER TAIL CR.

CAMPBELL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

GILSON LAKE

QUINSAM LAKE

MIDDLE QUINSAM LAKE

MILLER

QUINSAM RIVER

IRON

OYSTER

Cm

Cm inferred

Ti

Gd D

MILLER No.2 — Km 170, T.D. 220

MILLER No.3 — 3.6 282, Km 380, T.D. 401

MILLER No.1 — CR. 2.4 321, 2.1 367, 1.2 395, 3.5 446, 2.2 683, 4.5 720, 1.5 783, 2.0 884, 2.4 [illegible], Km 91[illegible], T.D. 9[illegible]

ECHO No.1 — T.D. 205, Basalt

ECHO No.2 — 1.8 1062, 1.9 1195, Km 175, T.D. 208

ECHO No.3 — 4.2 317.5, 1.0 3293, 2.0 3579, 1.0 3645-2.0 mgs, Km 394, T.D. 435

ECHO No.4 — 1.6 165, 1.6 245, 13.0 252, Km 275, T.D. 305

ECHO No.5 — 1.6 111, 12.6 159, Km 213, T.D. 305

ECHO No.6

ECHO No.7 — 1.5 128, 2.6 148, Km 270, T.D. 293

ECHO No.8 — 17.4 131, Km [illegible], T.D.

QUINSAM No.1 — CR. 4.6, 1.0 508, Km 709, T.D. 729

U of T Zoological field camp

Iron Copper intrusive exposed

13ft. Coal exposed

A A' B B' C C' D D' E E' F F' G G' H H' I I'

NOTE
CONTOURS SHOWN ARE TOP OF BASALT

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Basalt Contours

| Scale | Date | Drawn By | Date Rev. |
|---|---|---|---|
| 4 inches = 1 mile | FEB. 1976 | | |

MICHELE P. CURCIO - CAL CONSULTANT
WEST VANCOUVER, B.C.
Drawing No. 198-MAP-2A

Cx - Coma Gen 15 [illegible]

Fig 176
Fig 9.1
(M43)

BASALT CONTOURS
QUINSAM. 2A

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)

X-Sections A — A'

Km - T.D. - Total Depth

CAMPBELL RIVER AREA

QUINSAM RIVER AREA

BEAVER CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

OYSTER RIVER

MILLER No. 1 — 3.6 282 / Km 380 / T.D. 401

CR. — 2.4 221; 2.1 367; 1.2 395; 3.5 446; 2.2 685; 4.5 720; 1.5 783; 2.0 884; 2.4 [illegible]; Km 918; T.D. 919

CAMPBELL No. 2 — T.D. 205 - Sh

CAMPBELL No. 1 — 1.3 924.7; 4.0 946; 1.8 972.2; 2.0 988; 1.0 992; 1.5 1010; 3.0 1022; T.D. 1055

QUINSAM RIVER No. 1 — N.C. / T.D. 682

QUINSAM LAKE No. 1 — T.R 436; 1.0 508; Km 709; T.D. 729

OYSTER No. 2 — 1.0 499; 1.0 501; 2.2 507.8; Km 730; T.D. 752

Iron Copper intrusive exposed

13ft. Coal exposed

NOTE
CONTOURS SHOWN ARE TOP OF BASALT

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Basalt Contours
Scale: 4 inches = 1 mile | Date: FEB. 1976 | Drawn By: | Date Rev.
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-2A

Cx - Comox Gen 75 (22)

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
QUINSAM and CAMPBELL RIVER AREA
Geology - Bore Holes - Property Boundary
Scale: 4 inches = 1 mile | Date: APRIL 1975 | Drawn By:
MICHELE P. CURCIO - COAL CONSULTANT, WEST VANCOUVER, B.C. | Drawing No. 198-MAP-2

Fig 176
Fig 9.1
(M43B)

BASALT CONTOURS
QUINSAM. 2A

# QUINSAM AREA

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

0 1/8 1/4 1/2

**Legend**

Formation
Fault Inf
Boundary
Bore Hol
Coal Out
WELDWO
Campbell
Coal Are

Area 'A'

Area 'B'

Area 'C'

Area 'D'

Area 'S'

BEAVER TAIL LAKE

SNAKE HEAD LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

CAMPBELL LAKE

MIDDLE QUINSAM LAKE

QUINSAM LAKE

GILSON LAKE

LITTLE QUINSAM LAKE

BEAVER TAIL CR.

CR.

QUINSAM RIVER

IRON CR.

OYSTER

MILLER No.1 — Km 170, TD 220

MILLER No.2

MILLER No.3 — 3.6 282; Km 380; T.D. 401

ECHO No.1 — T.D. 205, Basalt

ECHO No.2 — 1.8 1062; 11.8 110.5; Km 175; T.D. 209

ECHO No.3 — 4.2 317.5; 1.0 3293; 2.0 3579; 1.0 3645 2.0m ptge; Km 394; T.D. 435

ECHO No.4 — 1.6 165; 1.6 245; 13.0 252; Km 275; T.D. 305

ECHO No.5 — 1.6 111; 12.6 159; Km 213; T.D. 305

ECHO No.6

ECHO No.7 — 11.5 128; 12.6 140; Km 270; T.D. 295

ECHO No.8 — 11.4 131; 1 Km T.D.

QUINSAM LAKE No.1 — T.R. 436; 1.0 508; Km 709; T.D. 729

Cm

Cm inferred

Ti

Gd D

Iron Copper intrusive exposed

13ft. Coal @ 100ft

U of T Zoological field camp

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log ..... Coal seam thickness (ft) / Depth of seam (ft.)
Km - T.D. - Total Depth

X-Sections ..... A — A'

Area 'D'

Area 'C'

Area 'B'

CAMPBELL RIVER AREA

BEAVER CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

QUINSAM RIVER

LITTLE QUINSAM RIVER

OYSTER RIVER

Iron Copper intrusive exposed

13ft. Coal exposed

MILLER No. 1 — 3.6 | 282 / Km 380 / T.D. 401

CR. — 2.4 | 221; 2.1 | 367; 1.2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 969; Km 970; T.D. 935

CAMPBELL No. 2 LC — TD 205-Grk

CAMPBELL No. 1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 988; 1.0 | 992; 1.5 | 1010; 5.0 | 1022; T.D. | 1055

QUINSAM LAKE No. 1 — T.R. | 436; 1.0 | 508; Km | 709; T.D. | 729

OYSTER No. 2 — 1.0 | 499; 1.0 | 501; 2.2 | 507.8; Km | 730; T.D. | 752

QUINSAM RIVER No. 1 — NC | T.D. | 682

fig. 177

M448

694

| | |
|---|---|
| WELDWOOD OF CANADA LIMITED VANCOUVER ISLAND COAL PROPERTIES | |
| RESERVE OUTLINE QUINSAM AREA | |
| Scale 4 inches = 1 mile | SEPT. 1975 |
| MICHELE B. DUBOIS - COAL CONSULTANT NORTH VANCOUVER, B.C. | DRAWING NO. 198-MAP-10 |

# QUINSAM AREA

BEAVER TAIL LAKE

SNAKE HEAD LAKE

MIDDLE QUINSAM LAKE

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

LITTLE QUINSAM

BEAVER TAIL CR.

MILLER CR.

QUINSAM RIVER

IRON CR.

OYSTER

MILLER No.2
Km 170
T.D. 220

MILLER No.3
3.6 282
Km 380
T.D. 401

MILLER No.1
C.R.
2.4 221
2.1 367
1.2 395
3.5 446
2.2 683
4.5 720
1.5 783
2.0 884
2.4 886
Km 956
T.D. 956

U of T Zoological field camp

ECHO No.1
5 148
Km 193
T.D. 205
Basalt

ECHO No.2
1.8 106.2
11.8 110.5
Km 175
T.D. 205

ECHO No.3
4.2 317.5
1.0 329.3
2.3 357.9
11.0 364.5-2.0=prgs
Km 394
T.D. 435

ECHO No.4
1.6 165
1.6 245
13.0 252
Km 275
T.D. 305

ECHO No.5
1.6 111
12.6 159
Km 213
T.D. 305

ECHO No.6

ECHO No.7
11.5 128
2.6 140
Km 270
T.D. 295

ECHO No.8
11.4 181
Km
T.D.

13ft. Coal exposed

Iron Copper intrusive exposed

QUINSAM LAKE No.1
T.R. 436
1.0 508
Km 709
T.D. 729

CAMPBELL No.2

OYSTER No.

Cm

Cm inferred

Gd D

Ti

Dm

A A' B B' C C' D D' E E' F F' G G' H H' I I'

## Legend

Upper Cretaceous

Tertiary

Jurassic

Jurassic & Triassic

Formational

Fault Inferr

Boundary of

Bore Hole

Coal Outcro

WELDWOOD

Campbell Ri

Coal Area B

0 1/8 1/4 1/2 3/4

## MAP UNITS

| | | |
|---|---|---|
| Upper Cretaceous | Cm | Comox Fm. - coal measures |
| Tertiary | Ti | Mt. Washington & Iron River Intrusive |
| Jurassic | Gd D | Island Intrusive |
| Jurassic & Triassic | V | Vancouver Group (Km - |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

**Legend**

- Formational Boundary
- Fault Inferred
- Boundary of Drift
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES
- Campbell River Town boundary
- Coal Area Boundary

Drill Log — Coal seam thickness (ft) / Depth of seam (ft)
Km - T.D. - Total Depth

X-Sections A — A'

CAMPBELL RIVER AREA

Area 'A'

Area 'B'

BEAVERTAIL CR.

CAMPBELL LAKE

ECHO LAKE

MIRROR LAKE

LUKWA LAKE

QUINSAM LAKE

GILSON LAKE

QUINSAM RIVER

LITTLE QUINSAM RIVER

OYSTER RIVER

MILLER No. 1 — 3.6 | 282; Km 380; T.D. 401

CR. — 2.4 | 221; 2.1 | 367; 1.2 | 395; 3.5 | 446; 2.2 | 683; 4.5 | 720; 1.5 | 783; 2.0 | 884; 2.4 | 888; Km 976; T.D. 936

CAMPBELL No. 2 — L.C. T.D. 205-GIV

CAMPBELL No. 1 — 1.3 | 924.7; 4.0 | 946; 1.8 | 972.2; 2.0 | 982; 1.0 | 992; 1.5 | 1010; 50 | 1022; T.D. | 1055

QUINSAM No. 1 — T.R. | 436; I.O | 508; Km | 709; T.D. | 729

QUINSAM RIVER No. 1 — N.C. | T.D. | 682

OYSTER No. 2 — I.O | 499; I.O | 501; 2.2 | 507.8; Km | 730; T.D. | 752

Iron Copper intrusive exposed

13ft. Coal exposed

Cx - Comox General 75(2)A

fig. 178

M45

WELDWOOD OF CANADA LIMITED
VANCOUVER ISLAND COAL PROPERTIES
RESERVE OUTLINE
CAMPBELL RIVER AREA
699

Scale 4 inches = 1 mile | Date SEPT 1975 | Drawn By MGF | Drawing No. 198-MAP-11

MICHELE P. GURGIO - COAL CONSULTANT
WEST VANCOUVER, B.C.

Campbell Lake

Beavertail L.

Cr

Echo L.

Mirror L.

Mine

Snakehead L.

Quinsam Lake

Quinsam R.

Quinsam

Middle Quinsam Lake

Iron

LEGEND

Paved Road. . . . . .

Secondary Road. . . . . .

Railroad. . . . . .

Abandoned Railroad . .

1/2 0 1 2 3 Miles

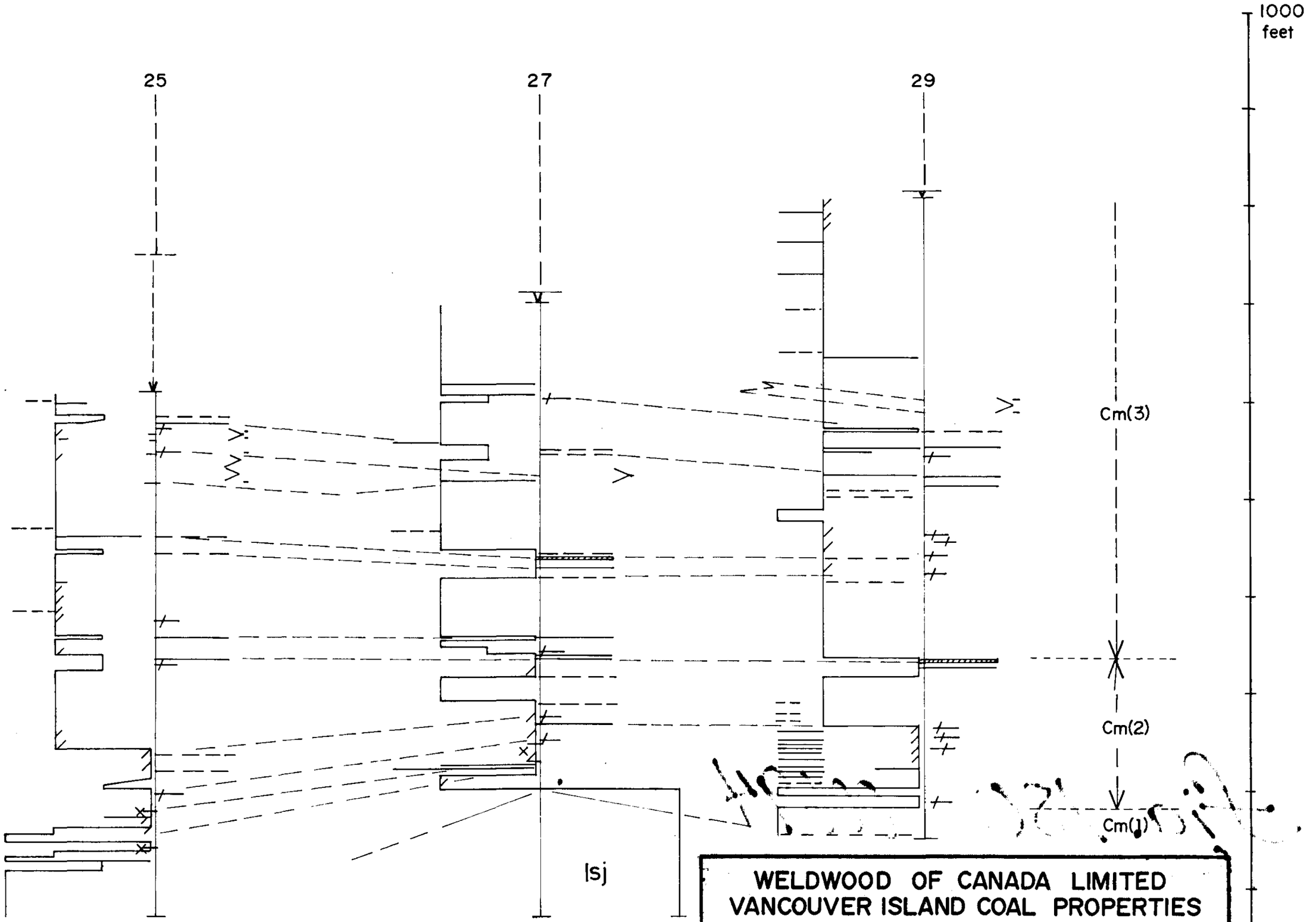
fig. 179 694 M46

CX - Comox GENERAL 5(21A

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

EXISTING AND ABANDONED TRANSPORTATION NETWORK
QUINSAM AND CAMPBELL AREA

| Scale: 1.25 inches = 1 mile | Date: SEPT. 1975 | Drawn By: G.S.G. |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER , B.C. | | Drawing No.:<br>198-MAP-15a |

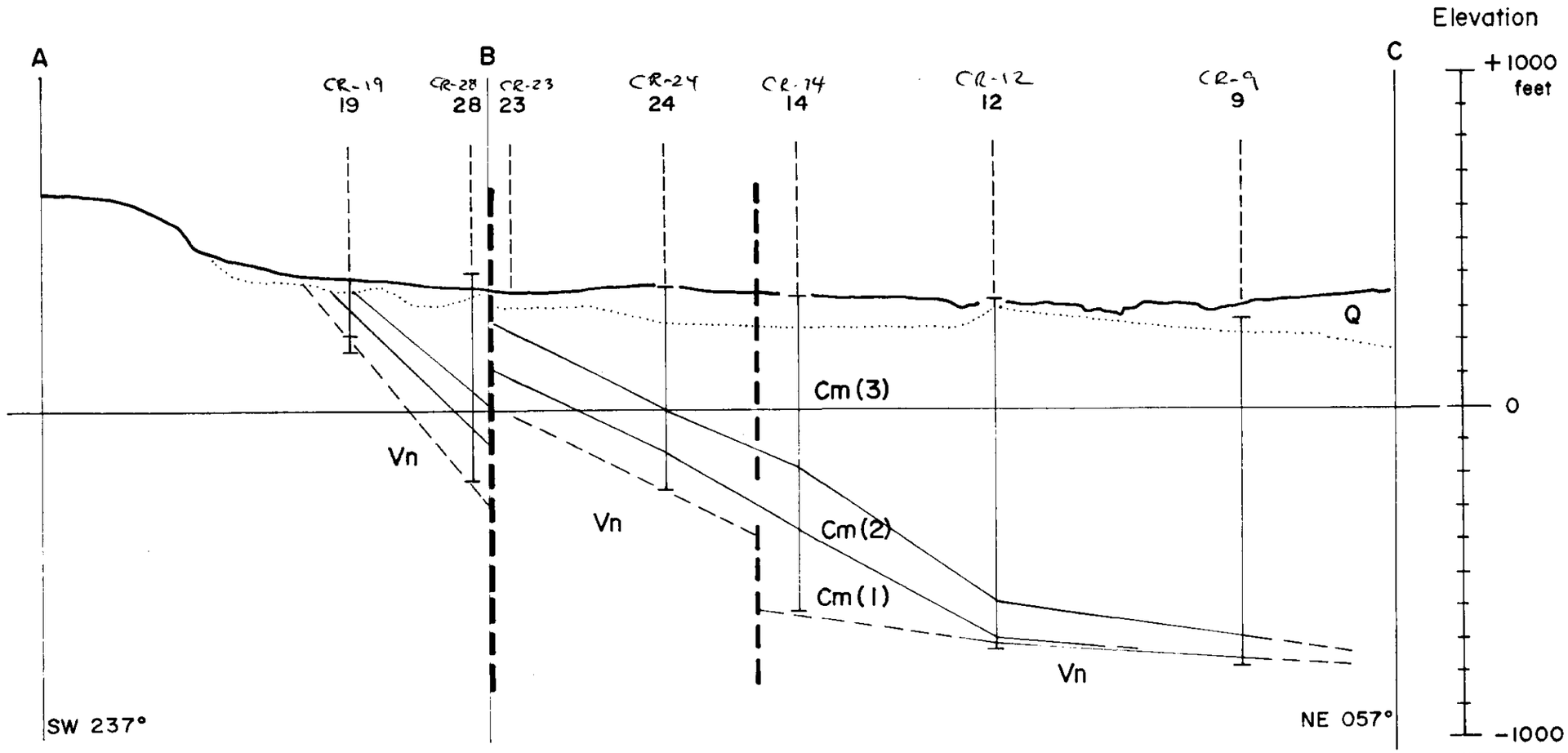


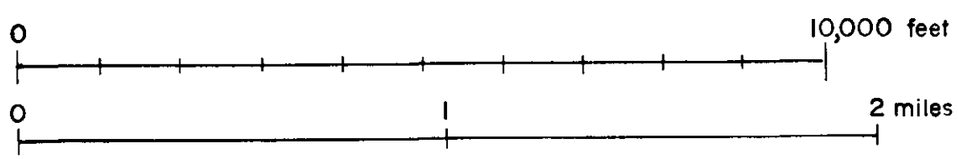

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

## STRATIGRAPHIC SECTIONS
## QUINSAM AREA

| Scale: N/A | Date: | Drawn By: J.E. HUGHES |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER , B.C. | | Drawing No.:<br>FIGURE 1 |

fig. 183
00694
M48



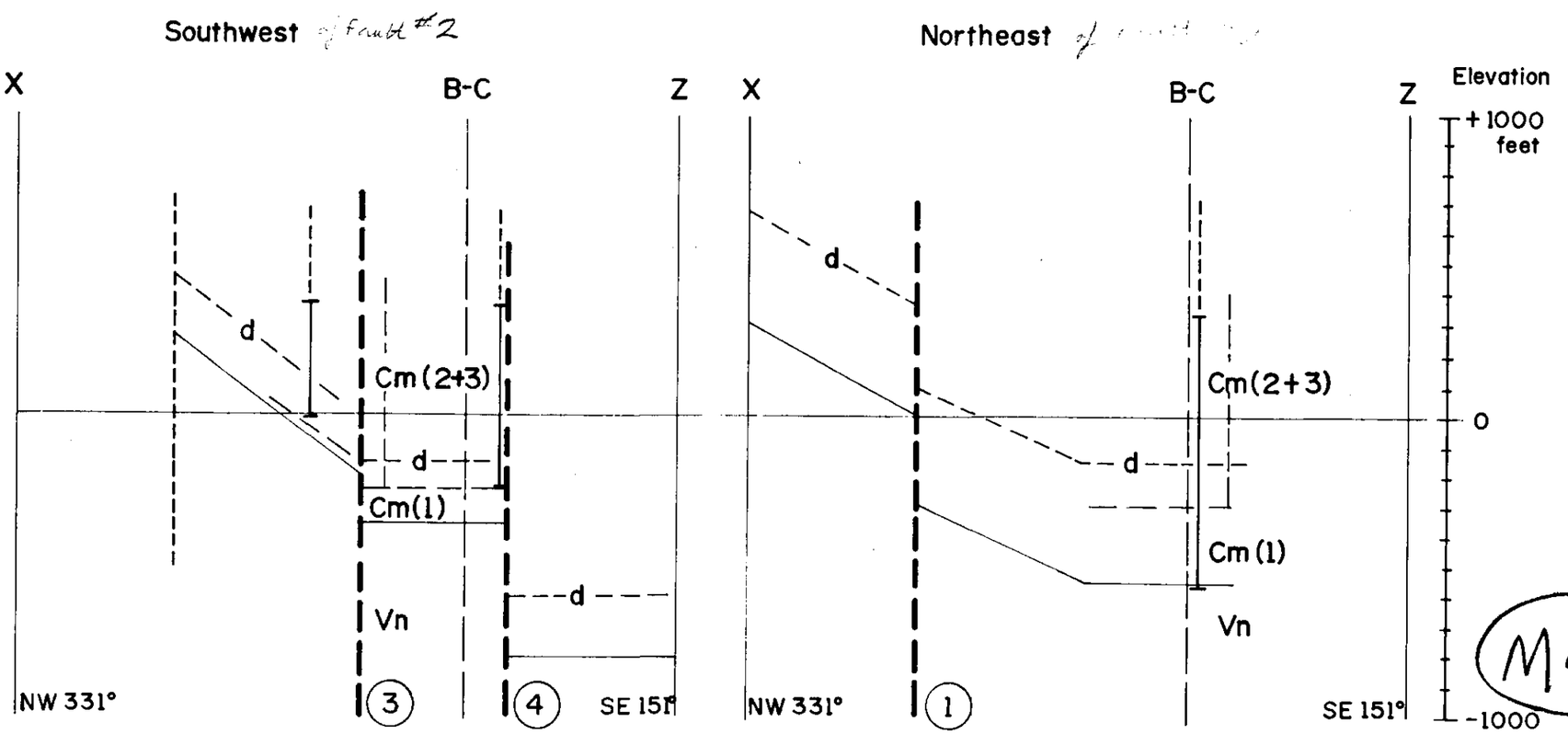




# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

STRUCTURE SECTION A-B-C
CAMPBELL RIVER AREA

| Scale: SHWN | Date: | Drawn By: J.E. HUGHES |
|---|---|---|
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: FIGURE 4 |

EQUINSAM




* Projections to vertical on line of fault 2.

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | | |
|---|---|---|
| STRUCTURE SECTION X Z<br>CAMPBELL RIVER AREA | | |
| Scale: SHWN | Date: | Drawn By: J.E. HUGHES |
| MICHELE P. CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | | Drawing No.: FIGURE 5 |

M49

fig. 184

00694

CUMBERLAND AREA

TSABLE RIVER

COMOX LAKE

BROWNS RIVER

PUNTLEDGE RIVER

MAPLE LAKE

TEL LAKE

PIGEON LAKE

HAMILTON LAKE

TRENT RIVER

TREMAIN

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILES

694 (20)
M50B

Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover.
- Bore Hole
- Coal Outcrop
- WELDWOOD PROPERTIES Coal Area Outline
- Drill Log — Coal seam thickness(ft) / Depth of seam(ft); Tr. - Trace; T.D. - Total Depth
- X-Section
- Slack Waste Piles

BROWN'S No. 2: 0.9 798; 1.5 926; 0.8 2276; 0.3 2723; 0.6 2965; 0.3 3274; L.O 3382; Tr. 3866; Km 4051; T.D. 4251

BROWN'S No. 1: 1.3 181; 1.5 183; 2.0 1715; 2.8 2405; 1.0 2445; 2.0 3085; 1.4 4335; 2.0 4345; 3.0 5635; 2.0 6445; 4.0 8505; Km 6955; T.D. 7175

BRADLEY No. 1: 1.8 60.5; 1.3 63; 1.9 284; 0.8 290; 1.5 388.5; Tr. 476; 1.0 478; 5.2 480; 1.3 487.3; 1.4 489.7; Km 509; T.D. 520

TRENT 2: 0.8 1244; 1.0 1265; 1.0 2875; 1.8 3358; 1.8 3393; 1.5 4852; 1.8 5018; 1.6 5058; 2.0 5108; 1.5 5133; Km 5255; T.D. 5345; N.C. Garb. Sh. 636; Km 651

BRADLEY No. 2: 2.0 20; 1.0 25; 1.9 38.5; 1.4 44; 1.0 107; 1.2 115; 1.0 117; 1.2 125; 1.5 262; 1.0 343; 0.8 345; Km 363; T.D. 380

BLODEL No. 1: N.C. T.D. 537

CX - Comox 78 (2) A.

54

694 (A)

DIGITIZE

# WELDWOOD OF CANADA LIMITED
# VANCOUVER ISLAND COAL PROPERTIES

CUMBERLAND and T'SABLE AREA
Geology - Bore Holes - Property Boundary - Slack Waste Location

| | | |
|---|---|---|
| Scale: 4 inches = 1 mile | Date: APRIL | Drawn By: |
| MICHELE P. CURCIO - COAL CONSULTANT WEST VANCOUVER, B.C. | | Drawing No.: 198-MAP-5 |

# TSABLE RIVER AREA

## MAP UNITS

| | | |
|---|---|---|
| Tertiary | Ti | Intrusives |
| Upper Cretaceous | Cd | Cedar District Fm |
| | Ep | Extension Protection Fm |
| | Hs | Haslam Fm |
| | Cm | Comox Fm - coal measures |
| Jurassic | Gd. D | Island Intrusive |
| Jurassic & Triassic | K | Vancouver Gp |

SCALE

0 1/8 1/4 1/2 3/4 1 2 MILE

## Legend

- Formational Boundary
- Fault Inferred
- Boundary of Drift
  - Thick alluvium and till cover.
- Bore Hole
- WELDWOOD PROPERTIES
- Coal Area Outline
- X-Section A — A'
- Slack Waste Pile

Drill Log — Coal seam thickness (ft) / Depth of seam (ft).

| | | |
|---|---|---|
| 3.6 | 282 | Km - Karmutsen |
| Tr. | 380 | Tr. - Trace |
| Km | 401 | T.D. - Total Depth |
| T.D | 474 | L.C. - Lost Circulation |
| | | N.C. - No Coal |

TSABLE RIVER AREA

TSABLE RIVER MINE

TSABLE No. 1: 20 64; 40 182.5; 30 289; No. 326; T.D. 357

TSABLE No. 2: 1.0 259; 1.0 262; 1.0 3539; 2.0 408; 1.0 528; 6.1 5365; 2.1 5655; 100 6555; 3.2 7767; T.D. 8465

TSABLE No. 3: 2.0 197; 1.8 3532; 2.0 475; 2.0 478; 2.0 4812; 7.6 5748; 1.0 583; T.D. 773

LANGLEY No. 1 — N.C. T.D. 601

LANGLEY No. 2 — N.C. T.D. 717

COWIE CR. No. 1 — N.C. T.D. 51 - Basalt

COWIE CR. No. 2A — L.C. 60 63

COWIE CR. No. 2B — 1 64

COAL CR. No. 4 — N.C. T.D. 225

COAL CR. No. 3 — N.C. T.D. 53 - Grv.

COAL CR. No. 2 — N.C. T.D. 213

COAL CR. No. 1 — N.C. T.D. 387 - Grv.

ROSEWALL No. 1 — L.C. T.D. 43 - Snd

COOK CR. No. 1 — N.C. Grv. 0-155; Km 155; T.D. 185

OLD BORE HOLE

THICK BOTTOM SEAM REPORTED AT 1,000' HOLE ABANDONED IN COAL

NELSON NEWCASTLE DIST.

TUMBLEWATER CREEK

K CREEK

COWIE CREEK

COUGARSMITH CREEK

WILFRED CREEK

WATERLOO CREEK

ROSEWALL CREEK

BUCKLEY BAY

UNION BAY

Union Bay Pile

HART

FANNY BAY

SHIP PEN.

MUD BAY

BRADLEY LAKE

ANGLEY LAKE

LANGLEY LAKE

TSABLE RIVER

---

(151) 694(B)

54

CM - Comox Fm (2) A.

| WELDWOOD OF CANADA LIMITED<br>VANCOUVER ISLAND COAL PROPERTIES | |
|---|---|
| T'SABLE RIVER AREA<br>Geology - Bore Holes - Property Boundary | |
| Scale: 4 inches = 1 mile | Date: MAY<br>Drawn By: JAS REVISED FEB 1978 |
| MICHELE P CURCIO - COAL CONSULTANT<br>WEST VANCOUVER, B.C. | Drawing No.: 198 - MAP - 6 |

DIGITIZE