01 A20016 CP999 BLK # 3
02 LEW FIRE 1985
03 LEW FIRE 1985
04 LEW FIRE 1985
05 TSL A35472 BLK. E
06 FL A20016 CP04Y BLK. 4

93C.070

SEE MAP 93C.080

124° 12' 00" 52° 42' 00" 420000 421000 422000 423000 424000 425000 426000 427000 428000 429000 430000 431000 432000 124° 00' 00" 52° 42' 00" 5839000 5838000 5837000 5836000 5835000 5834000 5833000 5832000 5831000 5830000 5829000 52° 36' 00"

SEE MAP 93C.069

SEE MAP 93B.061

SEE MAP 93C.060

QUESNEL F.D.
CHILCOTIN F.D.
NARCOSLI WEST S.B.
QUESNEL T.S.A.
WILLIAMS LAKE T.S.A.
CHEZACUT S.B.
NARCOSLI P.S.Y.U.
STUM P.S.H.U.
R.55
R.48
R.46
52
R. 55
B.C. 7498
79
R. 48
51
CANYON MTN.
CLUSKO
SINTER?
RIVER
QUESNEL
CHILCOTIN
TSL A35472 BLK 'F'
TSL A35472 BLK 'E'
L 1084
L 1083
B.C. 2965
B.C. 4125
BC 4279
BC 7731
BC 7249
BC 4280
BC 4121
BC 7730
BC 4126

FOREST COVER MAP LEGEND

Timber Supply Area boundary
Timber Supply Block boundary
P.S.Y.U. boundary
Forest Region boundary
Forest District boundary
Inventory Region boundary
Inventory Compartment boundary
Major type lines
Ground sample, number (year) - pre-1979 / 1979
Growth sample - pre-1979 / 1979
Volume and/or decay sample - pre-1979 / 1979
Phase 2
Phase III - standard
- double
Phase III - with growth plots
- with decay plots
- with growth and decay plots
Intensive forestry sample
Air call
Ground call with measurements
Low level photography
E.P.A. air call
E.P.A. ground call
Regeneration survey ground call
Range ground call
70 mm air call

International boundary
Interprovincial boundary
Land District boundary
Township boundary
Municipal boundary
Flight line, photo centres
Main road
Secondary road
Other, e.g. logging, forest road
Trail
Railroad
Flume, ditch
Pipeline
Dam
Powerline
Post office
Forest Service Regional Office
Forest Service District Office

SPECIES ABBREVIATIONS

F-Douglas fir. Py-Yellow pine.
C-Western red cedar. L-Larch.
H-Hemlock. Cr-Cottonwood
B-True fir (balsam). D-Alder.
Sx-Black spruce. Mb-Broadleaf maple.
Cy-Yellow cedar. B-Birch.
Pw-White pine. A-Aspen.
Pl-Whitebark pine.

SYMBOLS FOR NON-FOREST LAND

Al For - Alpine forest
Al - Alpine
R - Rock
S R - Slide area with rock
NP Sr - Slide area with non-productive brush
NP Bl - Non-productive burn
NP Sr - Non-productive brush
NP - Miscellaneous non-productive
Sw - Swamp or muskeg
C - Cultivated, cleared
U - Urban
Other categories of non-forest land are written out in full, eg. Crickets, Grouse Ice

SYMBOLS FOR NON-FORESTED LAND

NSR - Not satisfactorily restocked.
ESD - Disturbed, stocking doubtful.
NC - Non-commercial.

SYMBOLS FOR RANGE LAND

OR - Open Range.
G - Hayfield, improved pasture.
Al R - Brush and alpine meadows.
M - Wild hay meadow.
Br R - Brush.

SYMBOL FOR AREAS LEFT BLANK

NTA - No typing available.
- Applies to areas within the T.S.A. boundary where detailed type descriptions are not available in the data base.

HISTORY SYMBOLS

The date and type of activity is available on a separate map history attribute list.

NORTH (site preparation)
Island-seeding WEST EAST (disturbance natural or non-aboriginal)
SOUTH (regeneration)

Examples:
(1) Some form of site preparation
(2) Site preparation and disturbance

SPECIES

Species composition for stands with an average d.b.h. ≥ 7.5cm is based on total gross volume. For stands with an average d.b.h. < 7.5cm, species composition is based on the number of stems per hectare. Major species (≥ 16% by volume or no.) listed in descending order. Species composition between 6-15% are shown in brackets in order of occurrence. Species comprising < 6% by composition are not recorded.

AGE

Forest types are stratified by 20-year age classes for mapping purposes but described to the nearest year (or 10 years) in the map attribute list.

AGE CLASS LIMITS	AGE CLASS CODE
1-20	1
21-40	2
41-60	3
61-80	4
81-100	5
101-120	6
121-140	7
141-250	8
251+	9

HEIGHT

Forest types are stratified by 9-metre classes but described to the nearest metre for the leading species in the map attribute list.

HEIGHT CLASS LIMITS	HEIGHT CLASS CODE
0-10.4	1
10.5-19.4	2
19.5-28.4	3
28.5-37.4	4
37.5-46.4	5
46.5-55.4	6
55.5-64.4	7
64.5+	8

STOCKING

Applicable to stylar history and sub-unit surveys only.

Stocking Class	Apply to	Limits - No. of trees / hectare with d.b.h. limits
0	all immature	N.A.
1	all mature	≥ 76 /ha. ≥ 27.5 cm d.b.h.
2	all mature	0-75 /ha. ≥ 27.5 cm d.b.h.
3 / 4	Sub-division of 2	≥ 301 /ha. ≥ 17.5 cm d.b.h. and 50% or more are ≥ 12.5 cm d.b.h.
	mature, with leading species Pl	0-300 /ha ≥ 17.5 cm d.b.h. or 301 /ha ≥ 17.5 cm d.b.h. and <50% of stems are ≥ 12.5 cm d.b.h.

TYPE IDENTITY

	Dissiduous Species, Pl and Pa	Coniferous Species
Immature	1 - 80 yrs.	1 - 120 yrs.
Mature	≥ 81 yrs.	≥ 121 yrs.

SITE Site class is established from a site curve using the age and height of the leading species. The site classes are:
G - Good M - Medium
P - Poor L - Low

CROWN CLOSURE

Applicable to T.S.A. and sub-unit surveys only.

CROWN CLOSURE INTERVAL (%)	CODE
0 - 5	0
6 - 15	1
16 - 25	2
26 - 35	3
36 - 45	4
46 - 55	5
56 - 65	6
66 - 75	7
76 - 85	8
86 - 95	9
96 - 100	10

SECONDARY ELEMENTS

Scattered veterans eg. +F Vets (≤ 70m²/ha ; ≥ 27.5cm d.b.h.)
Secondary volume eg. +F Vol (> 70m²/ha ; ≥ 27.5cm d.b.h.)
Secondary immature eg. +F Imm
Seed trees eg. +ST Scattered older trees only

- the above secondary elements are applicable to mylar history and sub-unit surveys only for productive and non-productive forest land.
- secondary elements for T.S.A. surveys are described as multi-layered stands and these details are available in a separate map attribute list.

TYPE DESCRIPTIONS

Timber Supply Area (T.S.A.) survey maps contain descriptive forest type labels which include species composition, age class, height class, site, and crown closure class. On mylar history maps where the forest label did not change, stocking class is available rather than crown closure class. Sub-unit map labels include both stocking class and crown closure. If applicable, secondary volume, secondary immature, or scattered veterans will appear with the type label on mylar history and sub-unit maps. Secondary elements for T.S.A. surveys are stratified into one or two distinct layers, starting with the new 1979 inventory. This information is not shown in the map label but is available in a separate map attribute list. All forest information is updated to the year the map and attribute list were printed. Depending on the type of survey, the following labels may appear on forest cover maps.

1. T.S.A. label: 5B(Pl) 93M3 - a stand stratified into age class 5, height class 3, site M, and crown closure class 3.
2. Mylar History label (P.S.Y.U.): 5B(Pl) 93M - a stand stratified into age class 5, height class 3, stocking class 1, and site M.
3. Sub-unit label: 5B(Pl) 93M3 - a stand stratified into age class 5, height class 3, stocking class 1, site M, and crown closure class 3.

EXAMPLES OF FOREST AND NON-FOREST MAP LABELS

Each forest cover type has a polygon number and an E.P.A. designation (if applicable).

eg. 39/Ea - 39 is the polygon number and Ea identifies a soil constraint E.P.A. designation.

The following are typical T.S.A. map labels.

a Cy 8 92P3 - a stand with Cy (yellow cedar) as the major species and H (hemlock) as the minor species. The stand is age class 9 (251+ years), height class 2 (10.5-19.4 metres), site class P (poor), and crown closure code 3 (estimated area occupied by the canopy through vertical projection is 26-35%). The history symbol indicates that site preparation details are available in the history attribute list.

b A Fw, H 92-2 - an alpine forest stand with H (hemlock) as the only species. The stand is age class 9 (251+ years), height class 2 (10.5-19.4 metres), and crown closure code 2. Note that site is excluded for all non-productive forest types.

c NC B 85L1 - a non-commercial stand of B (balsam) of very low quality, often disturbed. The stand is age class 8 (141-250 years), height class 1 (0-10.4 metres), site class L (low), and crown closure code 1.

d NP Sr - M - area is alpine grassy on a productive site (M site)

e NSR - M - a not satisfactorily restocked area (< 750 juvenile stems per hectare) on a medium (M) site

f DSD - M - disturbed, stocking doubtful on a medium (M) site

(a label used before an assessment of regeneration is made)

A separate forest cover attribute list is available for each map sheet. Individual polygon details such as layered stands, non-productive forest or non-forest descriptors, species composition to the nearest percent, age to the nearest year (or 10 years), age range, height to the nearest metre (or 0.1 metre), reference year, stand site, crown closure class to the nearest 10 percent, stocking (stems/ha.), E.P.A. constraints, wildlife species, and data source are identified. The history attribute list shows the year and type of activity associated with that polygon.

E.P.A. CATEGORIES

Constraints	E.P.A. Map Label	E.P.A. Description
High	Ea	- severe soil and steepness related problem areas.
	Eg	- severe regeneration (seedbed problem areas.
	Ei	- inoperable forest land due to severe access limitations.
	Es	- severe snow chute and avalanche problem areas.
	Er1	- areas where recreational values are paramount.
	Ew1	- areas of critical wildlife habitat.
	EN1	- water supply areas requiring protection in order to maintain water quality and quantity.
Medium	Er2	- areas where recreational values are significant but less critical than Er1
	Ew2	- areas where wildlife values are significant but less critical than Ew1
	EN2	- areas of water supply that are not as critical as EN1, but still merit some form of protection.
	Fisheries	- varying constraints indicated by map symbols rather than "E" symbols. Blank - unknown values; A - no constraint required; ■ - little constraint; ● - moderate constraint; ◆ - high constraint.
Nil		Management practices on these lands are subject only to operational constraints consistent with the topography and policies of the region.

BRITISH COLUMBIA GEOGRAPHIC SYSTEM NEAT LINES and SHEET NUMBERS N.T.S. 1:250 000 SHEET #2x

092	002	003	004	005	006	007	008	009	010							
093	012	013	014	015	016	017	018	019	020							
094	022	023	024	025	026	027	028	029	030							
095	032	033	034	035	036	037	038	039	040							
096	042	043	044	045	046	047	048	049	050							
097	052	053	054	055	056	057	058	059	060							
098	062	063	064	065	066	067	068	069	070							
099	072	NW	074	075	076	077	NE	079	080							
100	082	083	084	085	086	087	088	089	090							
101	092	093	094	095	096	097	098	099	100							
102	102	103	104	105	106	107	108	109	110							

WHEN ORDERING MAPS, SHOW

Index No. 82
Sheet letter ..... K
Sheet No. 031
e.g. 82K/4 (1:50 000) 3 4
82K 035 (1:20 000) 035
82K 035.4 (1:10 000) 1 2

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U.T.M. GRID ZONE 10 (1975)
BASE : LAYDOWN
COMPILATION SCALE : 1 : 20 000
PUBLICATION DATE: SEPT.1982

MAIN ROAD
SECONDARY ROAD
LOGGING ROAD
TRAIL

FOREST COVER MAP SERIES
0 500 1000 1500 Metres
SCALE 1:20 000

THIS MAP WAS PRODUCED ON A COMPUTER-ASSISTED MAPPING SYSTEM AND IS AVAILABLE IN DIGITAL FORM.

PRODUCED BY
INVENTORY BRANCH
MINISTRY OF FORESTS
PROVINCE OF BRITISH COLUMBIA

93C.070

821887
Clisbako
93C/11

inches 0 1 2
centimetres 0 2 4 5
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.