FARRELL CREEK PASTURE

FORESTRY CAPABILITY

There are seven capability classes based on their inherent ability to grow commercial timber. The classes are based on a productivity range representing total tree volumes (no merchantability factors have been included).

Example Classification

capability class — $4^{6}_{W}-5^{4}_{B}$ — Percentage of map unit occupied by each class; limiting subclasses; indicator tree species

a) Capability Classes

Class 1 - 131-150 cubic feet per acre per year growth.
- as required can be further subdivided as class 1a (131-140), class 1b (141-150), class 1c (151-160), etc., increasing by 20 cubic feet for classes thereafter

Class 2 - 71 - 130 cubic feet per acre per year
Class 3 - 51 - 70 cubic feet per acre per year
Class 4 - 31 - 50 cubic feet per acre per year
Class 5 - 11 - 30 cubic feet per acre per year
Class 6 - 11 - 30 cubic feet per acre per year
Class 7 - 0 - 10 cubic feet per acre per year

b) Limiting Subclasses

A - drought or aridity
C - adverse climate - usually high alpine areas
D - rooting depth restricted by a dense or compacted soil layer
F - too fertile
I - poorly drained soils
M - low air and soil temperatures, short growing season
I - inundation (flooding)
L - excessive lime levels
M - soil moisture deficiency
N - excessive levels of toxic elements
P - stoniness
R - rooting depth restricted by bedrock
S - combination of soil factors
U - exposure
W - soil moisture excess

c) Species

vai - red alder
Ar - arbutus
wb - white birch
ep - aspen
aF - amabilis fir
alF - alpine fir
gF - grand fir
mH - mountain hemlock
wH - western hemlock
yC - yellow birch
sL - tamarack
wL - western larch
bM - broadleaf maple
gO - Garry oak
lP - lodgepole pine
lmP - lumber pine
pP - ponderosa pine
wP - white pine
wbP - whitebark pine
wbP - whitebark pine
tA - trembling aspen
bCw - black cottonwood
bPp - balsam poplar
wS - white spruce
eS - Engelmann spruce
sS - Sitka spruce
wS - white spruce

Note: A more detailed 36 page manual entitled Land Capability Classification for Forestry, is available from the Lands Directorate, Lands, Forests and Wildlife Service, Department of the Environment, Ottawa, Ontario, K1A 0H3

GEOGRAPHIC DIVISION
ENVIRONMENT AND LAND USE COMMITTEE
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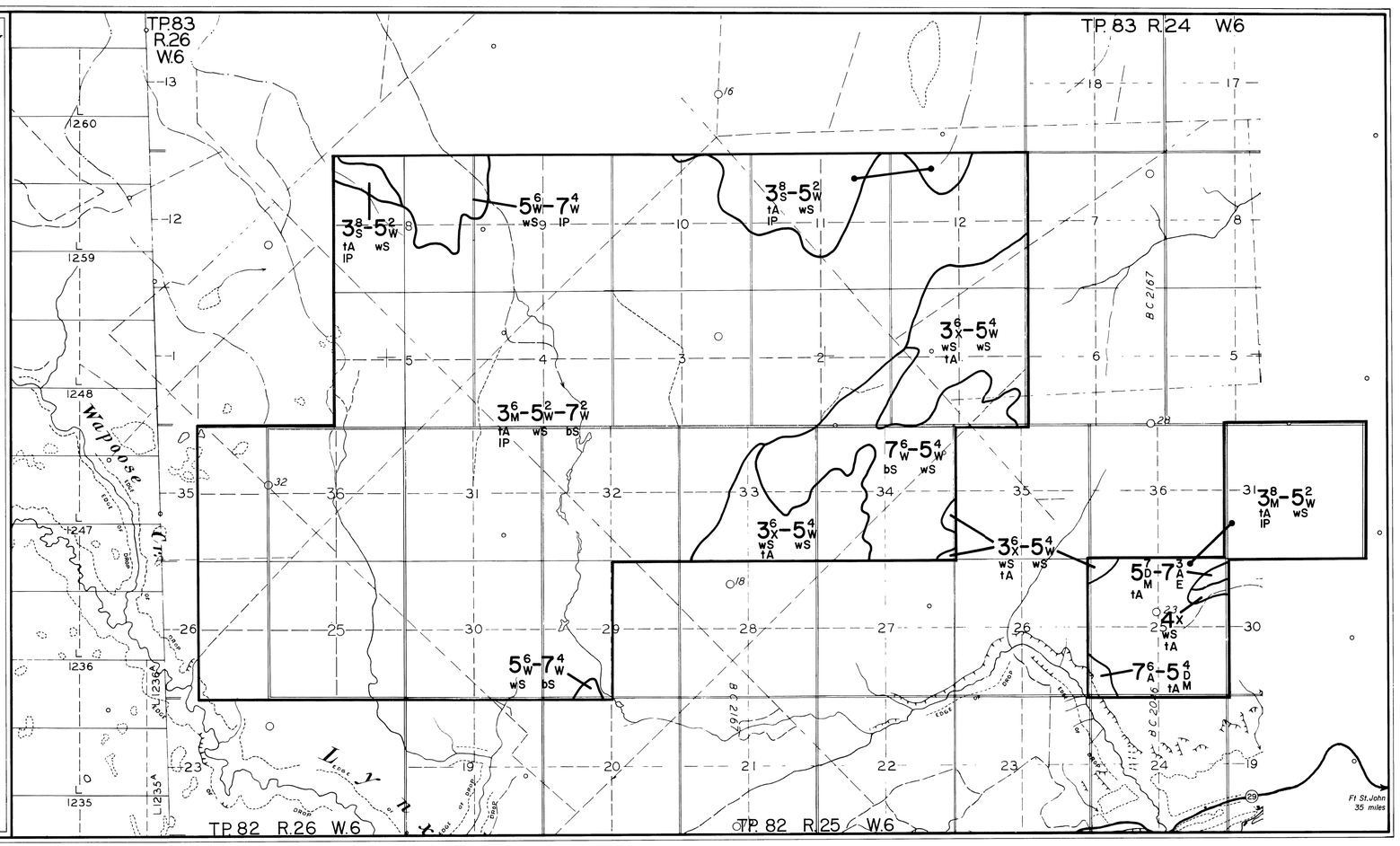
VICTORIA, B C

COMPILED BY C.L.I.
DRAWN BY D.W.D.J.
DATE DEC.1974
CHECKED BY L.J.H.
DATE DEC.1974
AMMENDMENTS
PROJECT F.C.P.
SHEET 3 OF 5

Scale: 1/2 Mile to 1 Inch

Miles 0 1/4 1/2 1 1 1/2



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