

VEGETATION LANDSCAPES FOR THE PINE-MOBERLY MAP AREA

LEGEND

**1. Explanatory Notes**

A vegetation map shows Forest Regions, Zones, Subzones and Vegetation Landscape Units. Zones, subzones and landscape units are the basic building blocks of biophysical classification. A landscape unit is an area that is relatively homogeneous with respect to soils, surficial materials, disturbance history, climate and macro vegetation. Vegetation maps form a necessary visual component in determining management alternatives, constraints, use and productivity (see Box 5).

Vegetation is mapped at a scale of 1:50 000 for the National Topographic Series sheets numbers 997 13, 14 and 15, and 904 2, 3 and 4.

The map must be used in conjunction with the Explanatory Legend booklet (see Box 5).

More detailed legends or reports may be available for this study area (see Box 5).

**2. Map Boundaries and Plot Symbols**

Project boundary  
Vegetation landscape boundary  
● 79-3979 Vegetation plot with a general soil description

**3. Examples of Map Symbols**

(a) Biophysical Forest Regions, Zones and Subzones (see Box 5)

(b) Vegetation Landscape Unit

**4. Composite Units**

Composite units are employed where two or three types of landscape units are so distributed that they cannot be designated as separate units at the scale of mapping. Superscript numbers show the relative percentages in terms of each landscape unit.

Example: AP4<sup>5</sup> - TA3<sup>3</sup> - WB2<sup>2</sup>  
50% of unit, 30% of unit, 20% of unit

**5. Biophysical Forest Regions, Zones and Subzones**

Forest Region	Map Symbol	Forest Zone <sup>2</sup> and Subzone <sup>3</sup>
Boreal White Spruce Zone (BWS)	(B) BWS	Boreal White Spruce Zone (BWS)
		Black spruce subzone (a)

1. A biophysical Forest Region is an area in which the broad regional climate and physiography determine the definitive vegetation pattern of the region. Regions can be further divided into Zones, and Subzones.

2. A biophysical Forest Zone is an area within a Forest Region in which the dominant vegetation of the climax stands on similar soils and terrain is identical. Soil, climate and topographic conditions determine the definitive vegetation pattern of zones.

3. A biophysical Forest Subzone is an area within a Forest Zone defined on the basis of climate-related successional trends of dominant vegetation.

**6. List of Vegetation Landscapes (v.l.)**

AP treble aspen - balsam poplar v.l.  
BS black spruce v.l.  
CA cultivated area  
LP lopsided pine v.l.  
PS lopsided pine - white spruce v.l.  
SA common saskatoon - trembling aspen v.l.  
SB white spruce - birch v.l.  
SG sedge - grass v.l.  
SP white spruce - balsam poplar v.l.  
TA trembling aspen v.l.  
TS spruce - sphagnum moss v.l.  
WB willow - bog birch v.l.  
WI willow v.l.

**7. Sources of Information**

a. B.C. Ministry of Forests - Forest cover maps and associated information for Public Substantiated Field Units:  
1. Devon Creek - 1971  
11. Moberly - 1972  
111. Peace  
111. Individual sample value statements - 129 plots

b. Land Resource Research Institute, B.C. Pedology Unit  
1. Soil and Terrain Maps - 1972

c. B.C. Ministry of Environment, Terrestrial Studies Branch  
1. Vegetation survey (1979) - 93 plots

d. B.C. Ministry of Environment, Surveys and Mapping Branch  
1. 40 chain aerial photographs - 1964-1965  
11. 80 chain aerial photographs - 1977

**8. For Further Information**

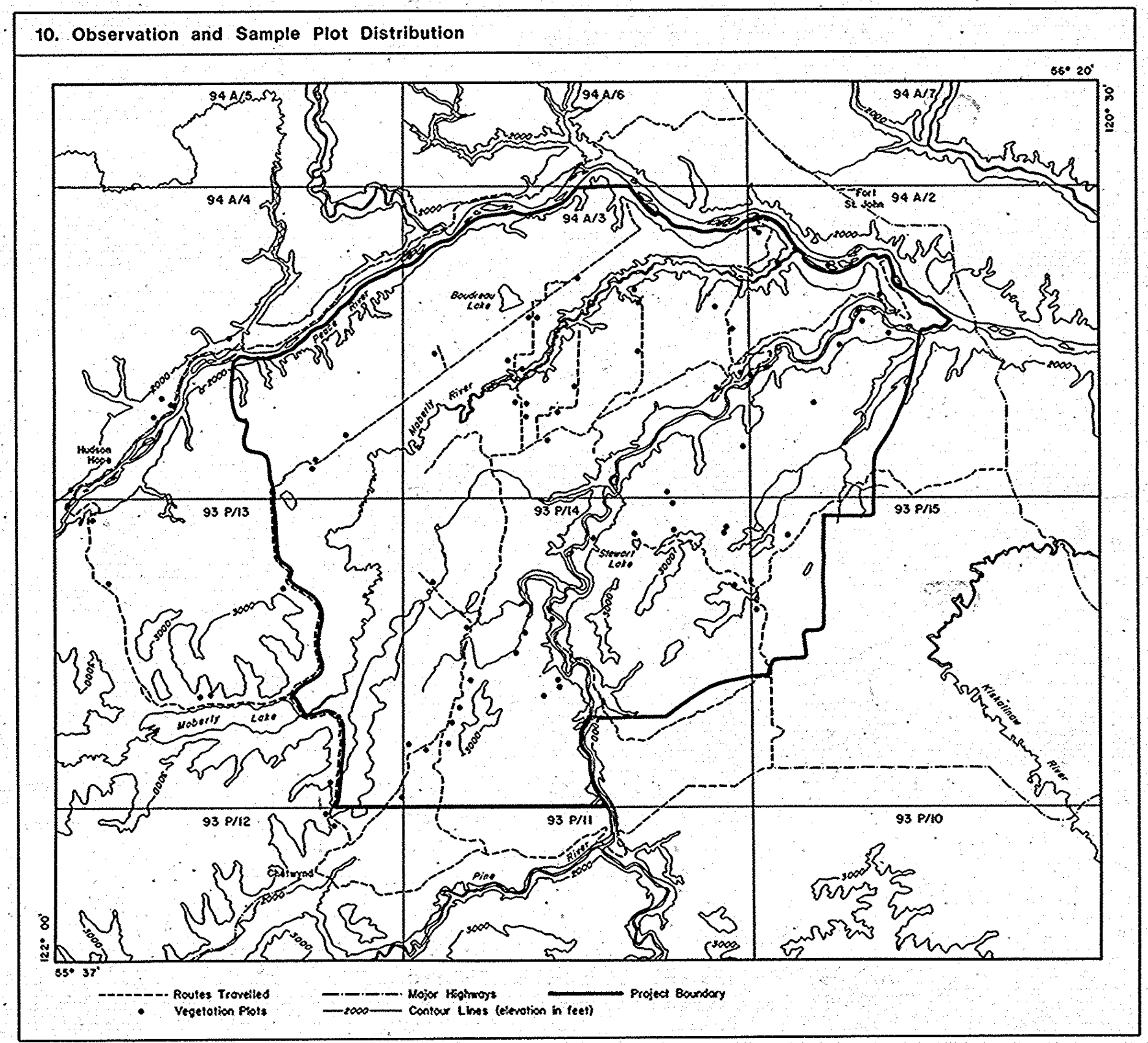
A. References:  
(a) Vegetation Mapping Methodology Manual, Terrestrial Studies Branch, Victoria, B.C. (in preparation).  
(b) Explanatory Legend for Vegetation Maps of the Pine-Moberly Area, Terrestrial Studies Branch, Victoria, B.C., 1979.  
(c) Vegetation of the Pine-Moberly Area, Terrestrial Studies Branch, Victoria, B.C., 1980.

B. Additional vegetation data and more detailed information is available from:  
Operations Manager  
Terrestrial Studies Branch  
Ministry of Environment  
Parliament Buildings  
Victoria, B.C. V8V 1X4

C. Additional vegetation maps available from:  
Map Library  
Terrestrial Studies Branch  
Ministry of Environment  
Parliament Buildings  
Victoria, B.C. V8V 1X4

**9. Credits**

Mapping supervised by Carol Thompson Date drafted June 1980  
 Mapping correlated by A. R. Hyslop Revision dates \_\_\_\_\_  
 Date of field mapping 1979 Base map provided by Surveys and Mapping Branch, Ministry of Environment, Victoria, B.C.  
 Drafted by Cartography Unit, Terrestrial Studies Branch, Ministry of Environment, Victoria, B.C.



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Copies may be obtained from the Canada Map Office, Department of Energy, Mines and Resources, Ottawa, or your nearest map dealer.

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HUDSONS HOPE  
PEACE RIVER LAND DISTRICT  
BRITISH COLUMBIA  
WEST OF SIXTH MERIDIAN

