

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 this biological classification. A landscape unit is an area that is relatively homogeneous with respect to soils, surficial materials, disturbance history, climate and other vegetation. Vegetation maps from a necessary viewpoint, however, are management alternatives, constraints, use and productivity (see box 8).

Vegetation is mapped at a scale of 1:50,000 for the National Topographic Series mapsheet numbers 79/13, 14 and 15, and 94A/1, 2, 3 and 4.

More detailed legends or reports may be available for this study area (see box 8).

2. Map Boundaries and Plot Symbols

Project boundary
Vegetation landscape boundary
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 distributed that they cannot be designated as separate units at the scale of mapping.

Superscript numbers show the relative percentages in test of each landscape unit.

Example: AP⁴ - TA³ - WB²

50% of unit 30% of unit 20% of unit

5. Biophysical Forest Regions, Zones and Subzones

Forest Region ¹	Map Symbol	Forest Zone ² and Subzone ³
BOREAL REGION (BR)	(B) (BWS) (G)	BOREAL WHITE SPRUCE ZONE (BWS) Black spruce subzone (a)

¹ A Biophysical Forest Region is an area in which the broad regional climate and topography determine the definitive vegetation pattern of the region. Regions can be further divided into sections, zones and subzones.

² A Biophysical Forest Zone is an area within a Forest Region of which the dominant vegetation of the climate zones, on smaller 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 treeless aspen - balsam poplar v.l.
- BS black spruce v.l.
- CA cultivated area
- CP common pasture - treeless aspen v.l.
- PS lodgepole pine - white spruce v.l.
- CS common aspen - treeless aspen v.l.
- SP white spruce - birch v.l.
- SG spruce - birch v.l.
- SB white spruce - balsam poplar v.l.
- TS treeless aspen
- TG tamarack - larch 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 Subdivided lands:
 - i. Dawson Creek - 1971
 - ii. Merritt - 1972
 - iii. Peace - 1972
 - iv. Individual sample volume statements - 129 plots
- b. Land Resource Research Institute, B.C. Ecology Unit
 - i. Soil and terrain maps - 1972
- c. B.C. Ministry of Environment, Terrestrial Studies Branch
 - i. Vegetation survey (1979) - 93 plots
- d. B.C. Ministry of Environment, Surveys and Mapping Branch
 - i. 49 chain aerial photographs - 1954-1955
 - ii. 49 chain aerial photographs - 1977

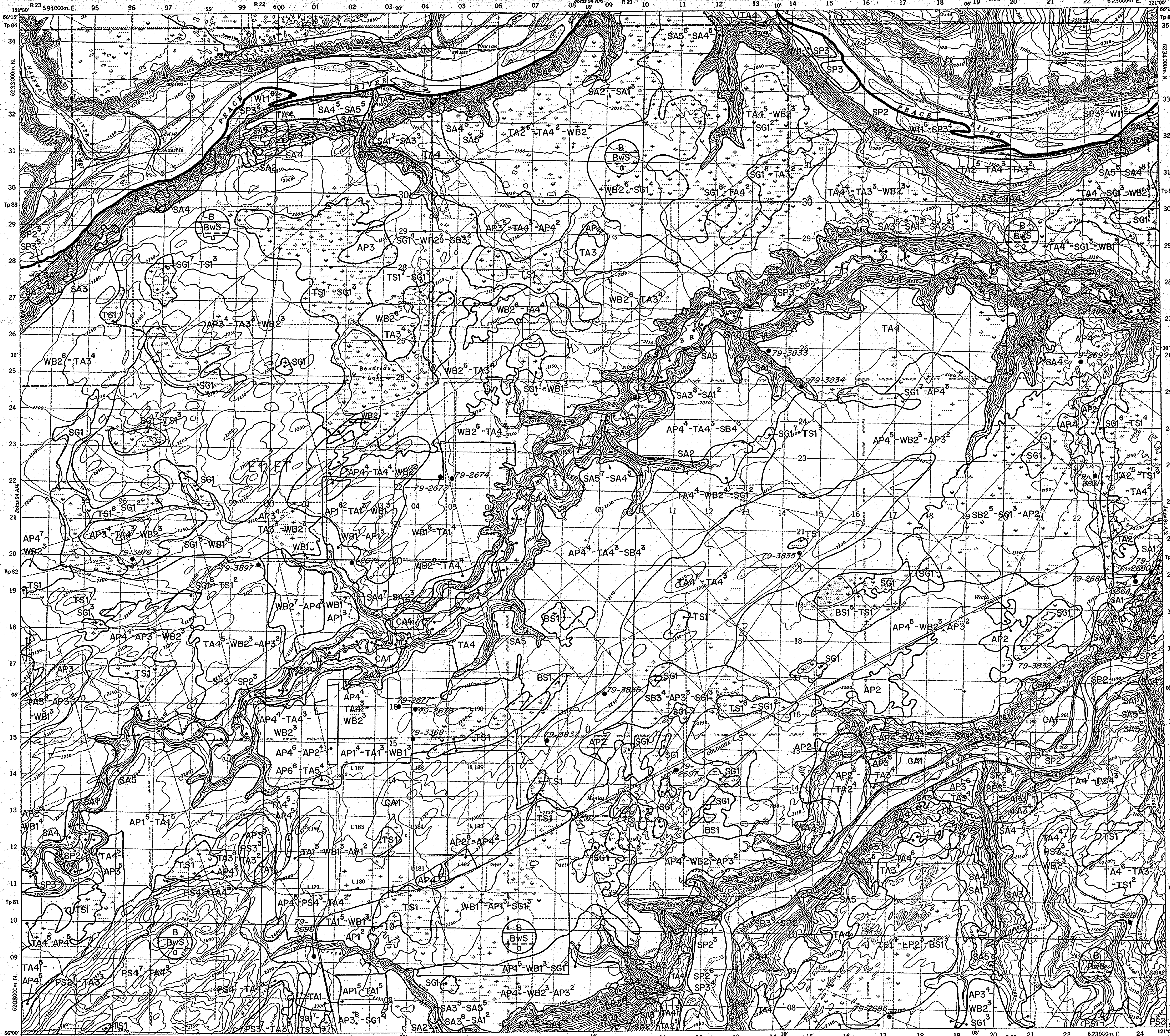
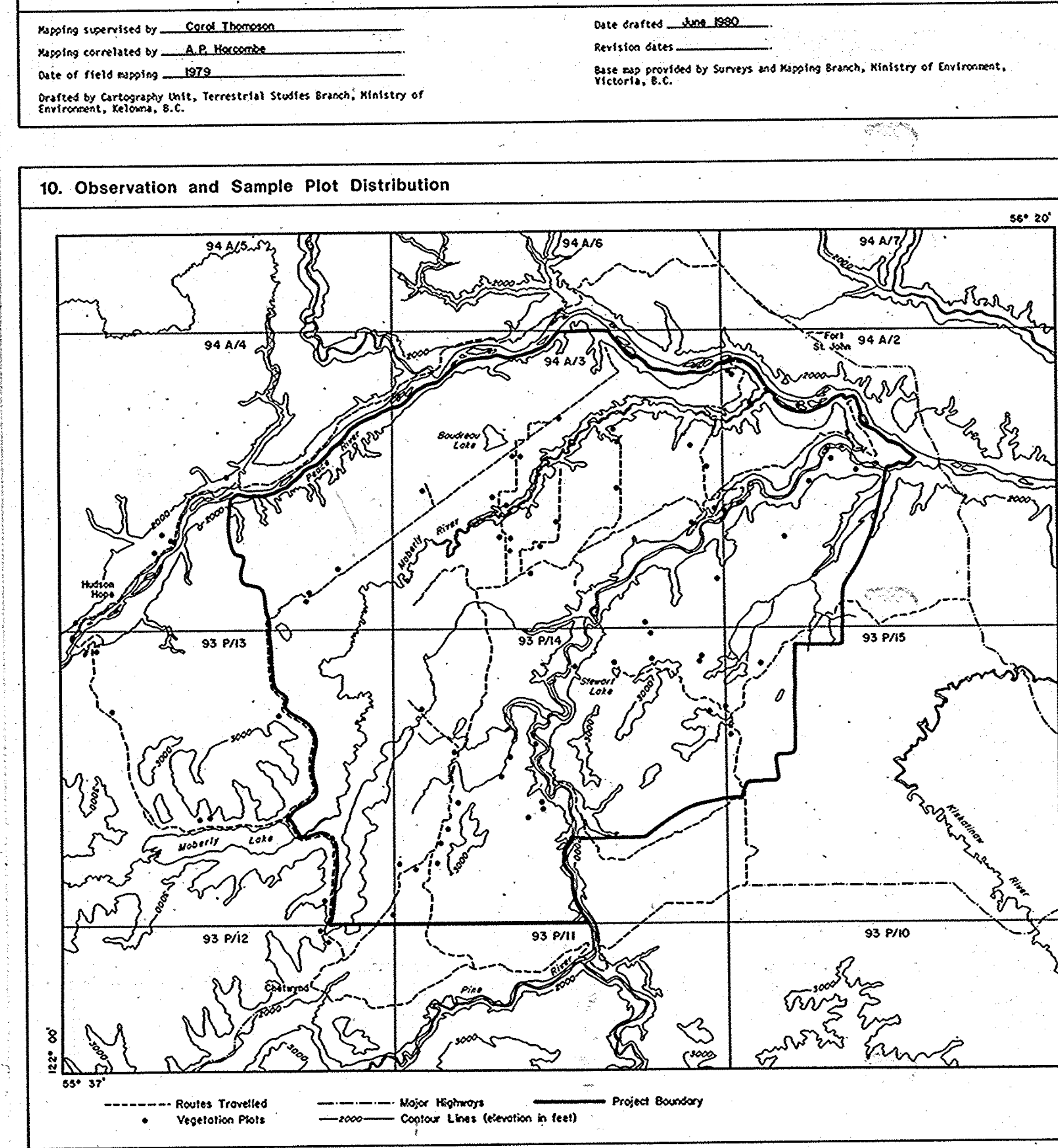
8. For Further Information

- 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., 1980.
 - (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

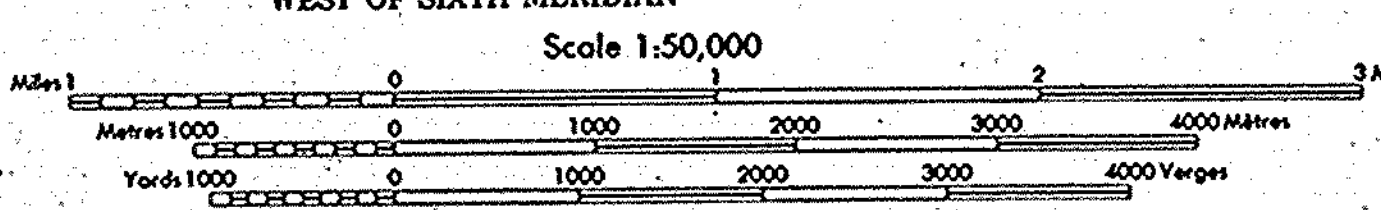
9. Credits

Mapping supervised by Craig Thomson
Mapping correlated by A.R. Hoopes
Date of field mapping 1979
Created by Cartography Unit, Terrestrial Studies Branch, Ministry of Environment, Victoria, B.C.

10. Observation and Sample Plot Distribution



MOBERLY RIVER
PEACE RIVER LAND DISTRICT
BRITISH COLUMBIA
WEST OF SIXTH MERIDIAN



Produced by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND REVENUE, Ottawa, Ontario, Canada. Original data from aerial photographs taken in 1970. Culture sheet 1:50,000 (1:75,000).

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