



**LARDEAU**  
KOOTENAY DISTRICT  
BRITISH COLUMBIA

SCALE 1:50,000 ÉCHELLE  
CONTOUR INTERVAL 100 FEET  
ÉQUIDISTANCE DES COURBES 100 PIEDS  
MAGNETIC DECLINATION 22°00' EAST  
AT CENTRE OF MAP 1963  
ANNUAL CHANGE (DECREASING) 2' 42"

SCALE 1:50,000 ÉCHELLE  
CONTOUR INTERVAL 100 FEET  
ÉQUIDISTANCE DES COURBES 100 PIEDS  
MAGNETIC DECLINATION 21°00' EAST  
AT CENTRE OF MAP 1963  
ANNUAL CHANGE (DECREASING) 2' 42"

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**VEGETATION ZONATION AND VEGETATION LANDSCAPES for the Purcell Biophysical Area**

**1. Explanatory Notes**

This vegetation map depicts vegetation Regions, Zones, and Subzones, and Vegetation Landscapes.

A Vegetation Region is an area in which broad regional climate and physiographic features determine the relative vegetation pattern of an area. A Vegetation Zone is an area of the landscape for which similar habitats are present under dominant climate vegetation. A Vegetation Subzone is an area within a zone defined on the basis of climate-related succession of types of the dominant vegetation. A Vegetation Landscape is an area that is relatively homogeneous with respect to soils, surficial materials, climate and successional trends. Vegetation Landscapes occur in stages which have similar disturbance history.

Vegetation is mapped at a scale of 1:50 000 for part of the historical topographic Series 1000 Number 802, West to the park east of the base of Lake of the Purcell Mountains.

An expanded legend is available for the study area (see Box 9).

**2. Map Boundaries**

Vegetation Zone  
Vegetation Subzone  
Vegetation Landscape Unit

**3. Examples of Map Symbols**

a) Vegetation Region, Zone, and Subzone  
b) Vegetation Landscape Unit  
c) Vegetation Subzone

**4. Composite Units**

Composite units are used where two or more types of landscape units are distributed but they cannot be mapped as separate units at the scale of mapping.

Relative numbers show the relative percentages, in fact, of each landscape unit.

**5. Vegetation Regions**

MAP SYMBOL	NAME
(Symbol)	Interior West Region (198)
(Symbol)	Interior West Belt Region (198)

**6. Vegetation Zones and Subzones**

MAP SYMBOL	ZONE	SUBZONE
(Symbol)	Interior Rocky Mountain Douglas-Fir Zone (198)	
(Symbol)	Lodgepole Pine subzone (a)	
(Symbol)	Western larch - ponderosa pine subzone (b)	
(Symbol)	Rocky Mountain Juniper - Rocky Mountain Douglas-Fir subzone (c)	
(Symbol)	Interior white spruce zone (142)	
(Symbol)	Subalpine Engelmann spruce - alpine fir zone (245-277)	
(Symbol)	Lodgepole pine - whitebark pine subzone (d)	
(Symbol)	Rocky Mountain Douglas-Fir - Tulepoplar pine subzone (e)	
(Symbol)	Alpine tundra zone (43)	
(Symbol)	Interior section herbifer zone (167)	
(Symbol)	Lodgepole pine - Engelmann spruce - alpine fir subzone (f)	

**7. Vegetation Landscapes and Stages**

**7A. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior Rocky Mountain Douglas-Fir zone

**7B. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7C. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Subalpine Engelmann spruce - Alpine Fir zone

**7D. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior Section Herbifer zone

**7E. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7F. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7G. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7H. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7I. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7J. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7K. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7L. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7M. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7N. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7O. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7P. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7Q. VEGETATION LANDSCAPES**

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**7R. VEGETATION LANDSCAPES**

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**7S. VEGETATION LANDSCAPES**

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**7T. VEGETATION LANDSCAPES**

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**7U. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7V. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7W. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7X. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7Y. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**7Z. VEGETATION LANDSCAPES**

Vegetation Landscapes of the Interior White Spruce zone

**8. Sources of Information**

a) British Columbia Ministry of Forests  
b) Forest Clear Maps  
c) Research Branch Data - Kootenay Region  
d) Research Branch Data - Kootenay Region  
e) Research Branch Data - Kootenay Region  
f) Research Branch Data - Kootenay Region  
g) Research Branch Data - Kootenay Region  
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x) Research Branch Data - Kootenay Region  
y) Research Branch Data - Kootenay Region  
z) Research Branch Data - Kootenay Region

**9. For Further Information**

a) References  
b) Additional vegetation data and more detailed information to available from  
c) Additional vegetation maps and reports are available from  
d) Additional vegetation maps and reports are available from  
e) Additional vegetation maps and reports are available from  
f) Additional vegetation maps and reports are available from  
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y) Additional vegetation maps and reports are available from  
z) Additional vegetation maps and reports are available from

**10. Credits**

Map by: E. C. Lee  
Date of Field Mapping: 1982 - 1983  
Cartography Unit, Survey and Resource Mapping Branch, Ministry of Environment, Victoria, British Columbia  
Date drafted: 1983  
Revision Dates:  
Base Map Provided by: Survey and Resource Mapping Branch, Ministry of Environment, Victoria, British Columbia

**11. Observation and Sample Plot Distribution**

82K/2W