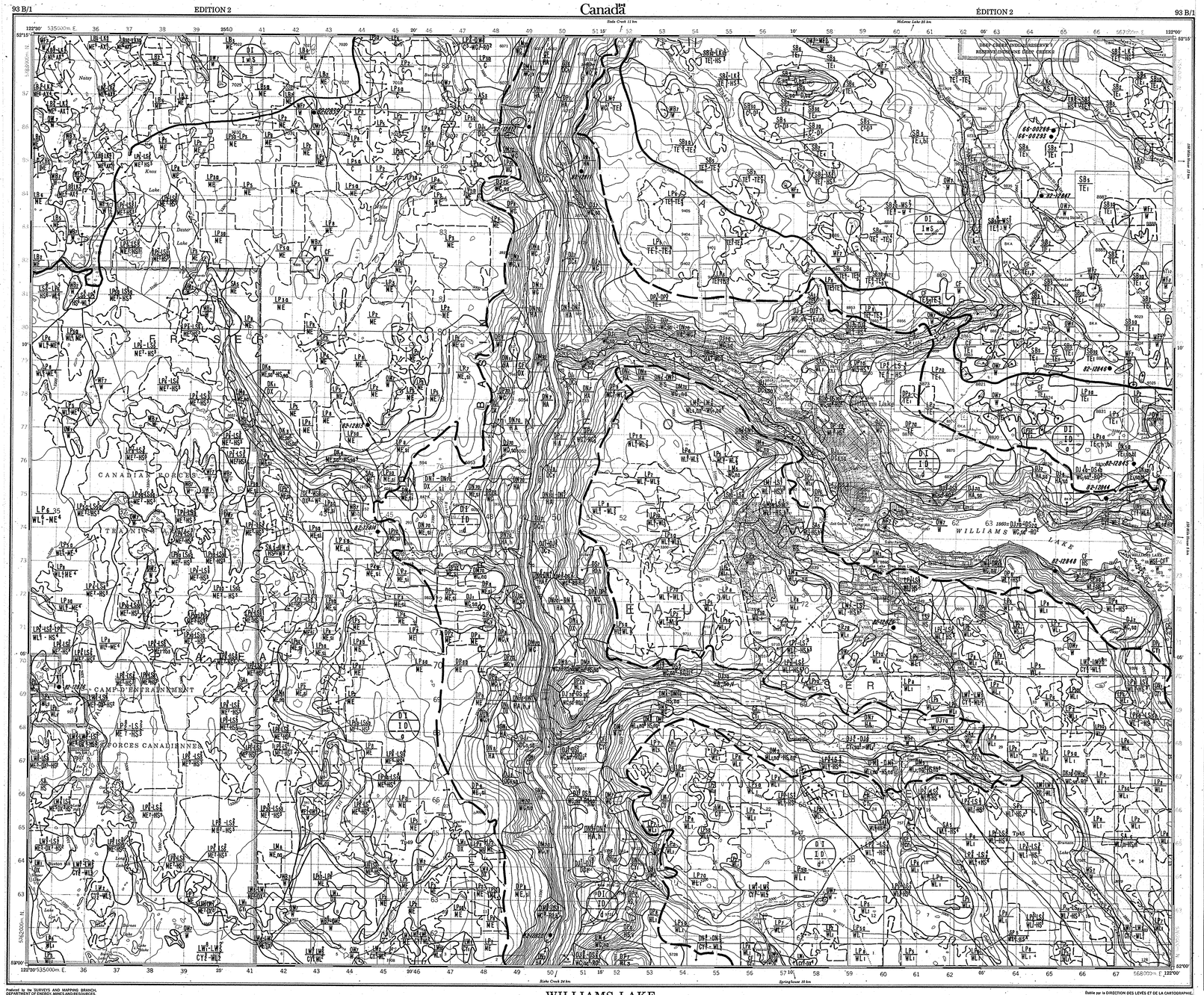
RISKE CREEK
1984, 93 B/1

93 B/1 EDITION 2 — Canada — ÉDITION 2 93 B/1



HABITAT MAP UNITS (VEGETATION LANDSCAPES AND SOILS ASSOCIATIONS) OF THE RISKE CREEK STUDY AREA

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Ministry of Environment, Lands and Parks,
Wildlife Branch, Habitat Inventory Section
Victoria, British Columbia

E.C. Lea and M.A. Fenger 1992

1.EXPLANATORY NOTES

This legend describes Habitat Map Units (Vegetation Landscapes and Soil Associations) for the Riske Creek study area (National Topographic Series 92 O/3, 10, 13, 14 and 93 A/1, 2), mapped at a scale of 1:50 000.

The vegetation portion of the map depicts Vegetation Regions, Zones and Subzones. A Vegetation Region is an area in which broad regional climate and physiography determine the distribution patterns of plant communities. A Vegetation Zone is an area in which climate is relatively uniform and climax vegetation is similar. A Vegetation Subzone is an area within a Zone defined on the basis of slightly regional successional trends of the dominant vegetation. A Vegetation Landscape is an area that is relatively uniform in climate, soil and vegetation. Within the Vegetation Landscape, successional stages of vegetation landscapes are divided into successional stages which have similar disturbance history (for vegetation landscapes, this is a biogeoclimatic zone, subzone, variant or an older stand-replacing disturbance such as a wildfire or an older clearcut).

Within the soils section of the map, Soil Associations and Soil Asso Unit mapping, or Soil Association Complexes are used to describe the soils. Soil Associations are defined as areas of similar parent material, climate, topography and drainage, which or other characteristics under similar climate conditions usually within one Vegetation Landscape.

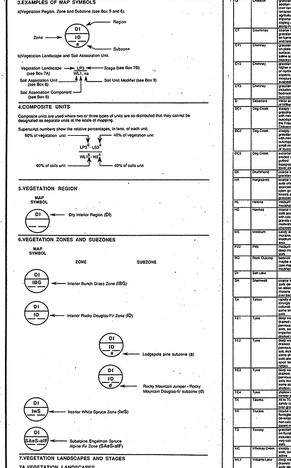
More detailed descriptions of Vegetation Landscapes and Soil Associations are found in Lea and Fenger (1992).

2.MAP BOUNDARIES

- Vegetation Zone
- Vegetation Subzone
- Soil Association Unit and Vegetation Landscape
- Soil Association Complex
- Vegetation Landscape Successional Stage
- Vegetation Landscape Vegetation Stage

3.EXAMPLES OF MAP SYMBOLS

a)Vegetation Region, Zone and Subzone (see Box 5 and 6).

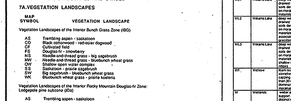


b)Vegetation Landscape and Soil Association Unit.

4.COMPOSITE UNITS

Composite units are used where two or three types of 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 unit.



5.VEGETATION REGION

MAP SYMBOL

- DI — Dry Interior Region (DI)

6.VEGETATION ZONES AND SUBZONES

MAP SYMBOL	ZONE	SUBZONE
IBG	Interior Bunch Grass Zone (IBG)	
ID	Interior Rocky Douglas-Fir Zone (ID)	
ID/lp		Lodgepole pine subzone (lp)
ID/rm		Rocky Mountain Juniper - Rocky Mountain Douglas-fir subzone (rm)
ivs	Interior White Spruce Zone (IwS)	
ESAF/sbf	Subalpine Engelmann Spruce - Alpine Fir Zone (ESAF/sbf)	

7.VEGETATION LANDSCAPES AND STAGES

7A.VEGETATION LANDSCAPES

MAP SYMBOL	VEGETATION LANDSCAPE
Vegetation Landscapes of the Interior Bunch Grass Zone (IBG)	
AS	Trembling aspen - saskatoon
CF	Black cottonwood - red-osier dogwood
FD	Douglas-fir - kinnikinnick
FS	Douglas-fir - snowberry
SW	Shallow open water complex - big sagebrush
MW	Hardpan and mixed grass - Bluebunch wheat grass
SW	Shallow open water complex
SW	Shallow open water complex
SV	Big sagebrush - bluebunch wheat grass
SV	Big sagebrush - bluebunch wheat grass
	Vegetation Landscapes of the Interior Rocky Mountain Douglas-fir Zone:
	Lodgepole pine subzone (lp)
AS	Trembling aspen - saskatoon
CF	Black cottonwood - red-osier dogwood
DF	Douglas-fir - kinnikinnick
DS	Douglas-fir - snowberry
DW	Douglas-fir - Bluebunch wheat grass
LF	Lodgepole pine - moss
LS	Lodgepole pine - snowberry
LS	Lodgepole pine - saskatoon
LW	Lodgepole pine - Bluebunch wheat grass
SW	Shallow open water complex
SS	Willow - snowberry - saskatoon
MW	Hardpan and mixed grass
MB	Willow - planeleaf birch wetland fen complex
WS	Willow - snowberry
WS	Willow-snowberry complex

7B.SUCCESSIONAL STAGES

1. Severe Disturbance (pioneer serai)
2. Shrub Dominated
2a. Recent Disturbance with varied Douglas-fir
3. Young Serai Sites (less 80 years)
4. Young Closed Canopy Douglas-fir
5. Young Closed Sites (from 80 years)
6. Mature Serai Douglas-fir (140 years)
7. Maturing Serai (80-140 years)
7a. Mature Serai Douglas-fir (140 years)
8. Decadent Serai Douglas-fir(from 120 years)
7c. Maturing Climax (80-140 years)
8a. Decadent Serai Douglas-fir (from 140 years)
9. Old growth Climax (greater than 140 years)

8. SOIL ASSOCIATIONS AND COMPONENTS

SYMBOL	PROVINCE AND NAME	GEOGRAPHIC DISTRIBUTION, PARENT MATERIAL AND ELEVATION	SOIL ASSOCIATION COMPLEXES (see Box 9)	SOIL PARENT MATERIALS: TEXTURE	STONINESS	DRAINAGE	PERMEABILITY	RUNOFF	DEPTH TO BEDROCK (see Box 11)	SOIL PH (APPROX.)
LS	Bro	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	glaciofluvial	rapid	slow	moderate to severe	C,D,E
SBS	Big Bar	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	moderate	stone	morainal	well	moderate	gentle	C,D,E
SBT	Big Bar	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	coarse-moderate	stone-cobble	morainal-glaciofluvial	well	moderate	gentle	C,D,E
SC	Big Creek	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	coarse	floodplain-lacustrine	poor-v.poor	slow	gentle	C,D,E
C	Canoe	undulating to rolling morainal plain, 750-1250 m	NE	fine	medium	morainal	well	moderate	gentle	C,D,E
CN	Chinchaga	undulating to rolling morainal plain, 750-1250 m	NE	fine	medium	colluvium	well	moderate	gentle	C,D,E
CS	Cariboo	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	medium	morainal	well	moderate	gentle	C,D,E
CT	Cariboo	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	medium	morainal	well	moderate	gentle	C,D,E
D	Dragon	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	morainal	well	moderate	gentle	C,D,E
DS	Dragon	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	stone	morainal	well	moderate	gentle	C,D,E
DT	Dragon	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	stone	morainal	well	moderate	gentle	C,D,E
E	Eagle	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	morainal	well	moderate	gentle	C,D,E
EB	Eagle Bluff	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	morainal	well	moderate	gentle	C,D,E
FS	Fish Lake	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	medium	morainal	well	moderate	gentle	C,D,E
GC	Green Mountain	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	morainal	well	moderate	gentle	C,D,E
GT	Gold Lake	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	medium	coarse	colluvium-morainal	well	rapid	gentle to steep	C,D,E
GW	Greenwell	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	coarse	colluvium-morainal	well	moderate	gentle to steep	C,D,E
HA	Hallam	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	morainal	well	moderate	gentle	C,D,E
HS	Hanceville	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine	stone	glaciofluvial	rapid	rapid	gentle	C,D,E
HS	Hardscrabble	undulating to rolling morainal plain, glaciofluvial terrace, kame terrace, kame moraine, kame delta, ice contact deposits, 750-1250 m	NE	fine-medium	stone	morainal	well