

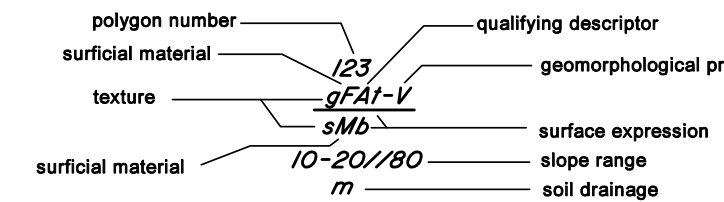
82M.063

MESSITER / AVOLA / MCMURPHY  
TERRAIN CLASSIFICATION LEGEND

BCGS mapsheet 82M.063, 82M.064, 82M.073, 82M.074,  
82M.083, 82M.084, 82M.093, 82M.094

Scale 1:20,000

TERRAIN UNIT SYMBOL



Explanatory notes:  
Up to three letters may be used to describe texture, surface expression and geomorphological process, or letters may be omitted if information is lacking.

COMPOSITE UNITS  
Multiple symbols are used to indicate that two or three types of units are present within a polygon.  
Cv/Rs indicates "Cv" and "Rs" are of roughly equal extent.  
Cv // Rs indicates that "Cv" is more extensive than "Rs" (about 2:1 or 3:2).  
Cv // Rs indicates that "Cv" is much more extensive than "Rs" (about 3:1 or 4:1).

STRATIGRAPHIC UNITS  
Groups of letters are arranged one above the other where one or more kinds of surficial materials overlie a different material or bedrock.

Mv indicates "Mv" overlies "Rv" Rv indicates that "Rv" is partially buried by "Mv"

TEXTURE

Specific Clastic Terms	Common Clastic Terms	Organic Clastic Terms
a blocks	d mixed fragments	e floric
b boulders	x angular fragments	u meaic
c cobbles	g gravel	h humic
p pebbles	r rubble	
s sand	m mud	
z silt	y shells	
c clay		

SURFICIAL MATERIALS

A anthropogenic material	LG glaciolacustrine
D colluvium	M moraine
D weathered bedrock	N not mapped (water)
F fluvial	O organic
FA active fluvial	R bedrock
FG glaciofluvial	W marine
L lacustrine	WG glaciomarine

SURFACE EXPRESSION

Simple (unidirectional) slopes	Material thickness
p plain, (less than 5%)	b blanket (greater than 1 m)
j gentle slopes, (5-27%)	v veneer (less than 1 m)
a moderate slopes, (28-49%)	w variable thickness, (0-3m)
k moderately steep slopes, (50-70%)	x thin veneer, (2-20 cm)
s steep slopes, (70-90%)	
Complex slopes	Shape
m rolling	c cone (slope greater than 27%)
u undulating	f fan (slope less than 27%)
h hummocky	t terrace
r ridged	d depression

GEOMORPHOLOGICAL PROCESSES

	Mass Movement Subclasses
A snow avalanching	c soil creep
B braiding channel	g rock creep
C cryoturbation	k tension cracks
D deflation	e earthflow
E channeling by glacial meltwater	x slump - earthflow
F slow mass movement	f debris fall
H kettled	b debris slide
I irregular channel	d debris flow
J anastomosing channel	s rock slide
K karst processes	d debris flow
L seepage	
M meandering channel	lateral spread:
N nivation	p - in bedrock j - in surficial
P piping	
R rapid mass movement	m - in bedrock u - in surficial
S solifluction	" initiation zone
U inundation	
V gully erosion	
W washing	
X permafrost processes	
Z periglacial processes	

	Snow Avalanches Subclasses
A	f major avalanche tracks
B	m mixed major & minor avalanche tracks
C	o old avalanche tracks
D	n new avalanche tracks

Qualifying Descriptors	
A	avalanche
B	bedrock
C	channel
D	deflation
E	earthflow
F	flow
G	glacier
H	hanging
I	irregular
J	jointed
K	karst
L	landslide
M	meandering
N	nivation
O	old
P	piping
Q	quartzite
R	rapid
S	solifluction
T	tension
U	unstable
V	vulcanic
W	washing
X	xerophytic
Y	young
Z	zonal

Qualifying Descriptors  
A active  
I inactive

SLOPE GRADIENT & QUALIFYING DESCRIPTORS

Slope range is given in percent and can be expressed as a range of slopes (i.e. 25-40) or as a single value (i.e. 30). Slope gradient may also contain two distinct slopes (i.e. 40-50/60-120).  
Ranges separated by "r" indicates that the first range is more extensive than the second range (approximately 2:1 or 3:2). A "r" indicates that the first range is much more extensive than the second range (approximately 3:1 or 4:1). A "+" indicates that the first range is about equal to that of the second range.

SOIL DRAINAGE

r rapidly drained	i imperfectly drained
w well drained	p poorly drained
m moderately well drained	v very poorly drained

Where multiple drainage classes are shown: if the symbols are separated by a comma, e.g. "w,i" then no intermediate classes are present; if the symbols are separated by a dash, e.g. "w-i", then all intermediate classes are present; a / or // may also be used to represent relative dominance of one class over another.

BOUNDARY LINES AND ON-SITE SYMBOLS

Definite polygon boundary	Scarp in surficial materials
Indefinite polygon boundary	Recent or recurrent landslide scar
Arbitrary polygon boundary	Headwall scar
Study area boundary	Gully
Ground Observation	Terrain Stability Class IVa
Visual Observation	Terrain Stability Class IV
Meltwater channel, small	Terrain Stability Class V
Meltwater channel, large	

REFERENCES

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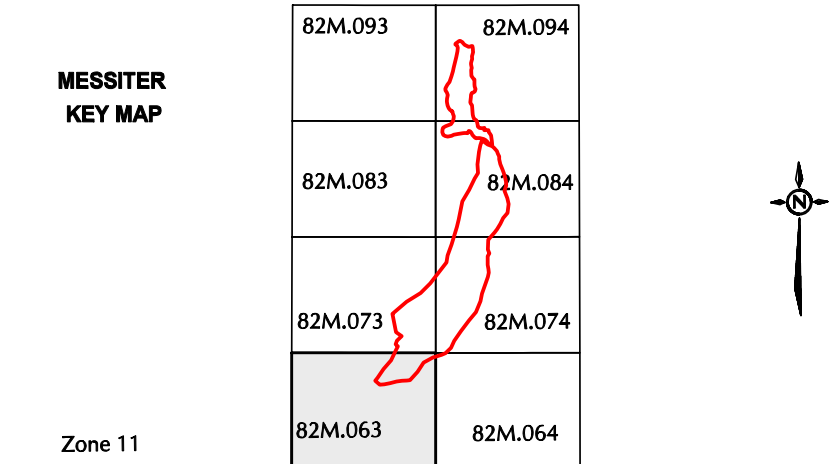
DATA SOURCES

Fieldwork data: Collected on October 21-27, 2006  
Aerial Photos: 2000, Colour  
1:20,000 TRIM Base Map (NAD 83)

CREDITS

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KEY MAP



Zone 11

Maped For: BCTS BC Timber Sales

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