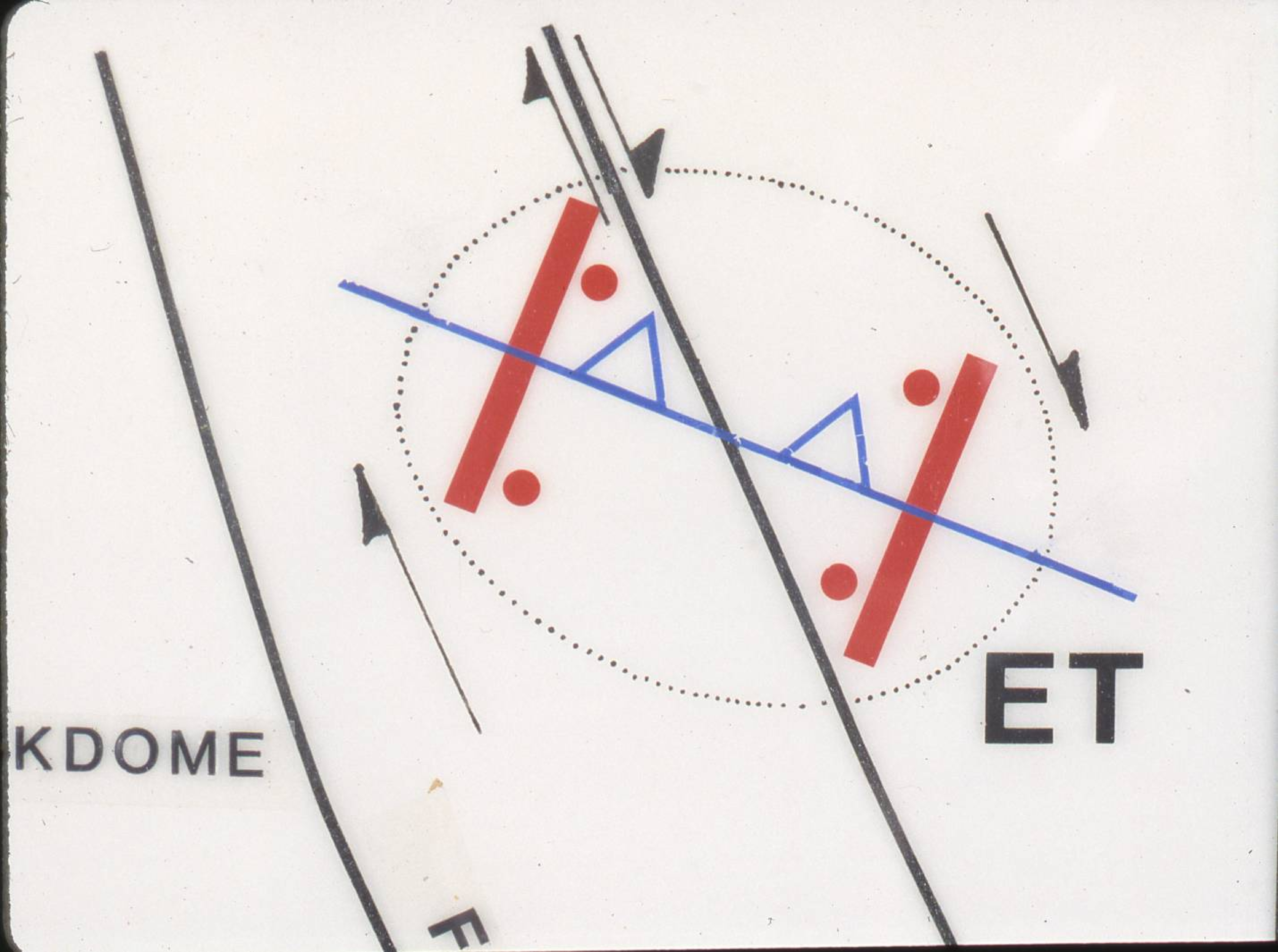
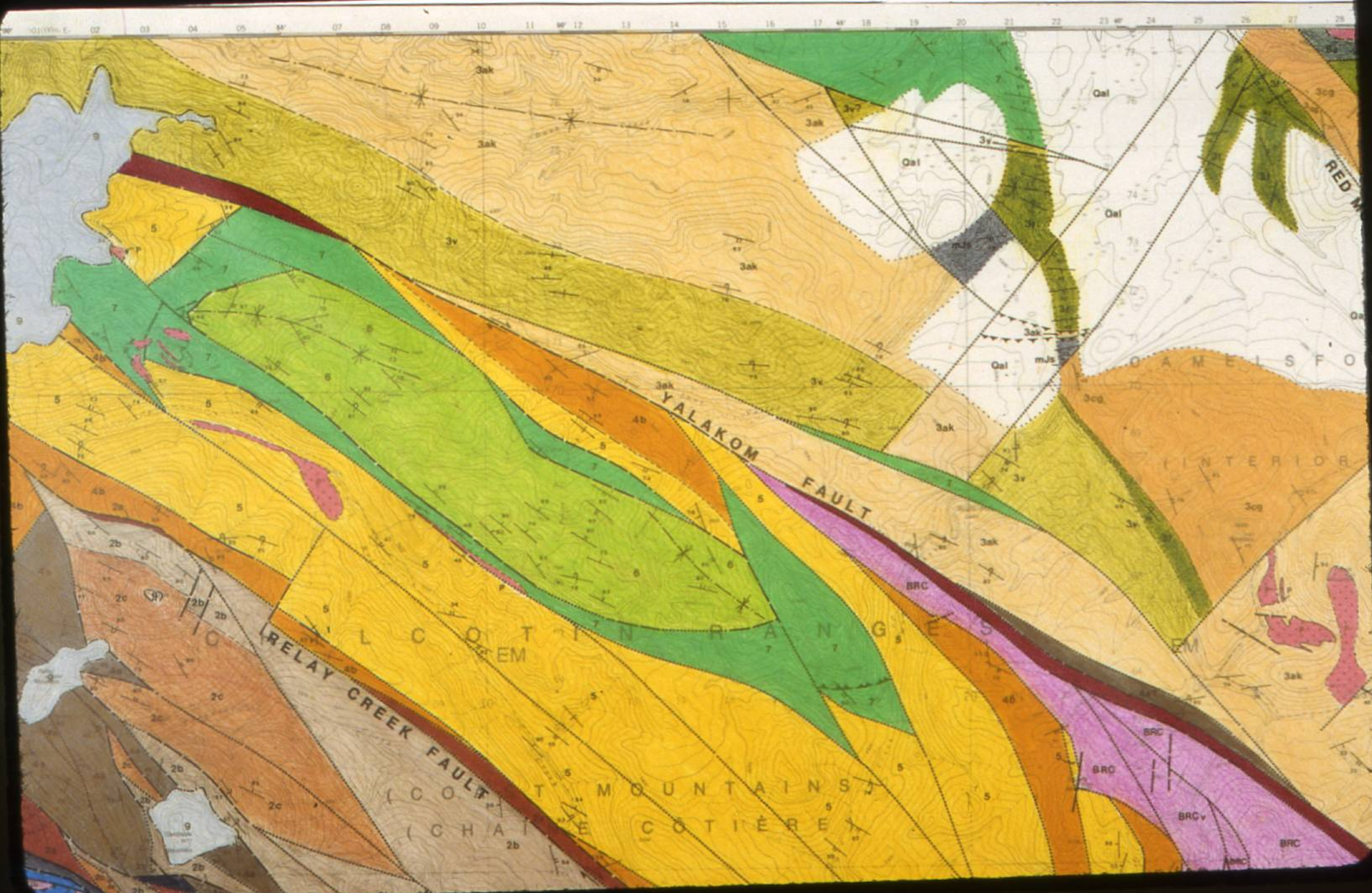
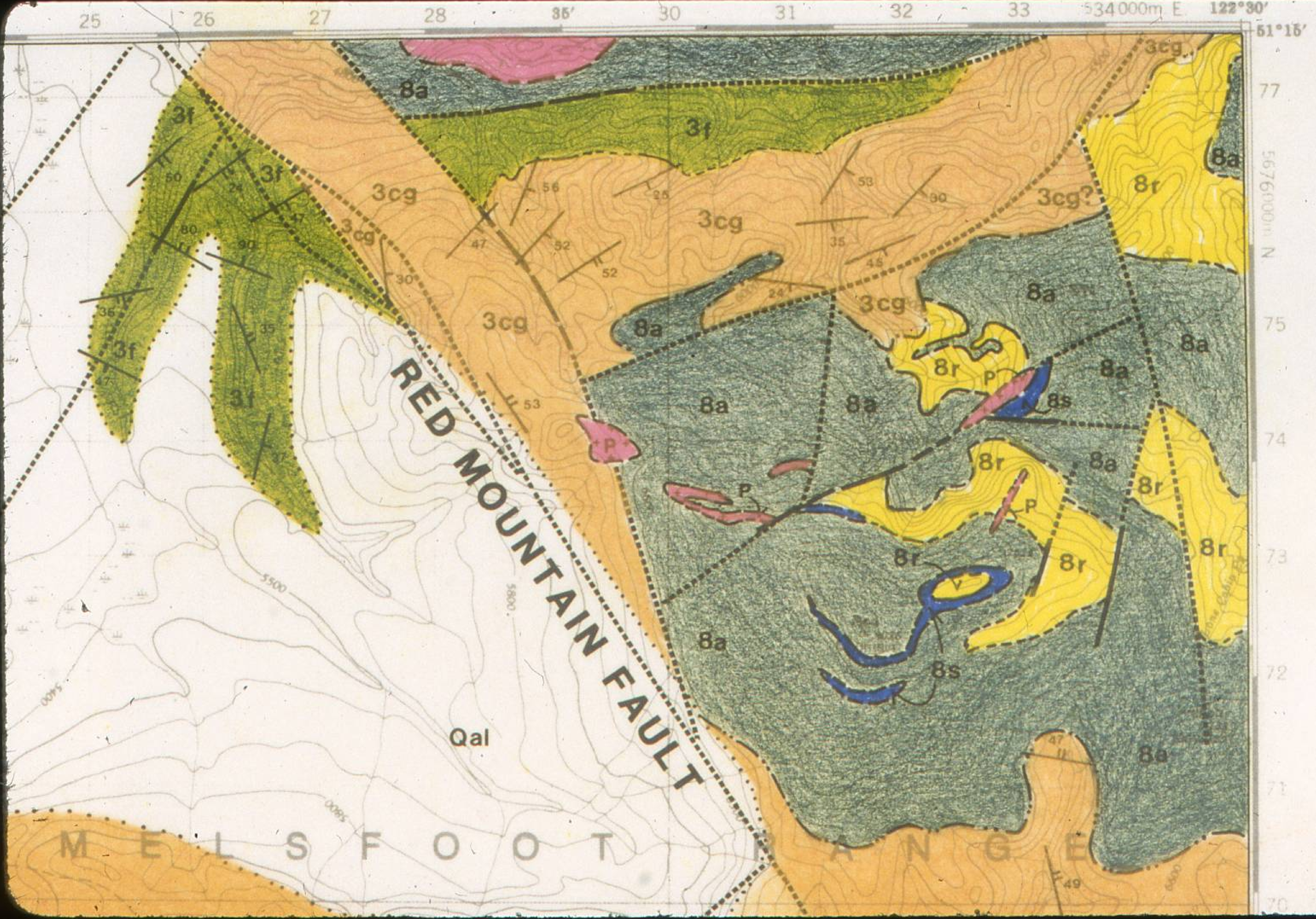

KDOME
ET
F


YALAKOM FAULT
RELAY CREEK FAULT
L C O T I N R A N G E S
(C O A S T M O U N T A I N S)
(C H A I N E C Ô T I È R E)
I N T E R I O R
3ak
3v
Qal
mJs
3cg
BRC
BRCv
EM

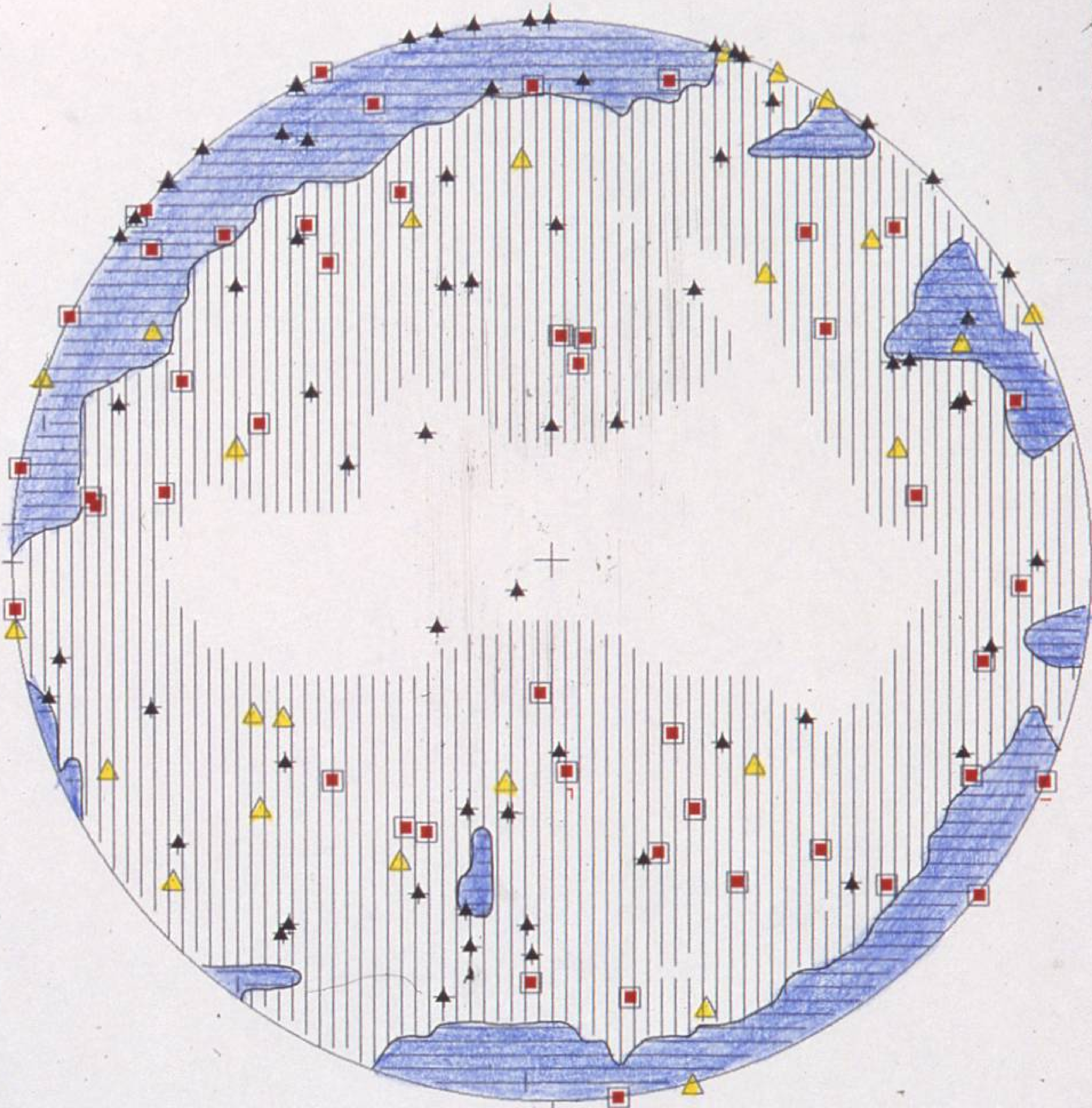


25
26
27
28
35'
30
31
32
33
534000m E
122°30'
51°15'
77
5676000m N
75
74
73
72
71
70
3f
8a
3cg
3cg?
8r
8s
P
v
Qal
RED MOUNTAIN FAULT
MELSFOOT RANGE

OPEN FILE 1988/9
9A. GEOLOGY OF THE
NOAXE CREEK MAP AR
LEGEND
PLEISTOCENE AND RECENT
STRATIFIED ROCKS
SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
MIOCENE AND/OR PLIOCENE
RED MOUNTAIN FAULT
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS
YAUGHTON CREEK FAULT
INTERIOR PLATEAU
COAST MOUNTAINS
CHAINE COTIÈRE

KAMB CONTOUR OF KINEMATIC INDICATORS, 9202

North



146 Points

LEGEND (for first 9 intervals)

	1- 3		16- 18
	4- 6		19- 21
	7- 9		22- 24
	10- 12		25- 27
	13- 15		

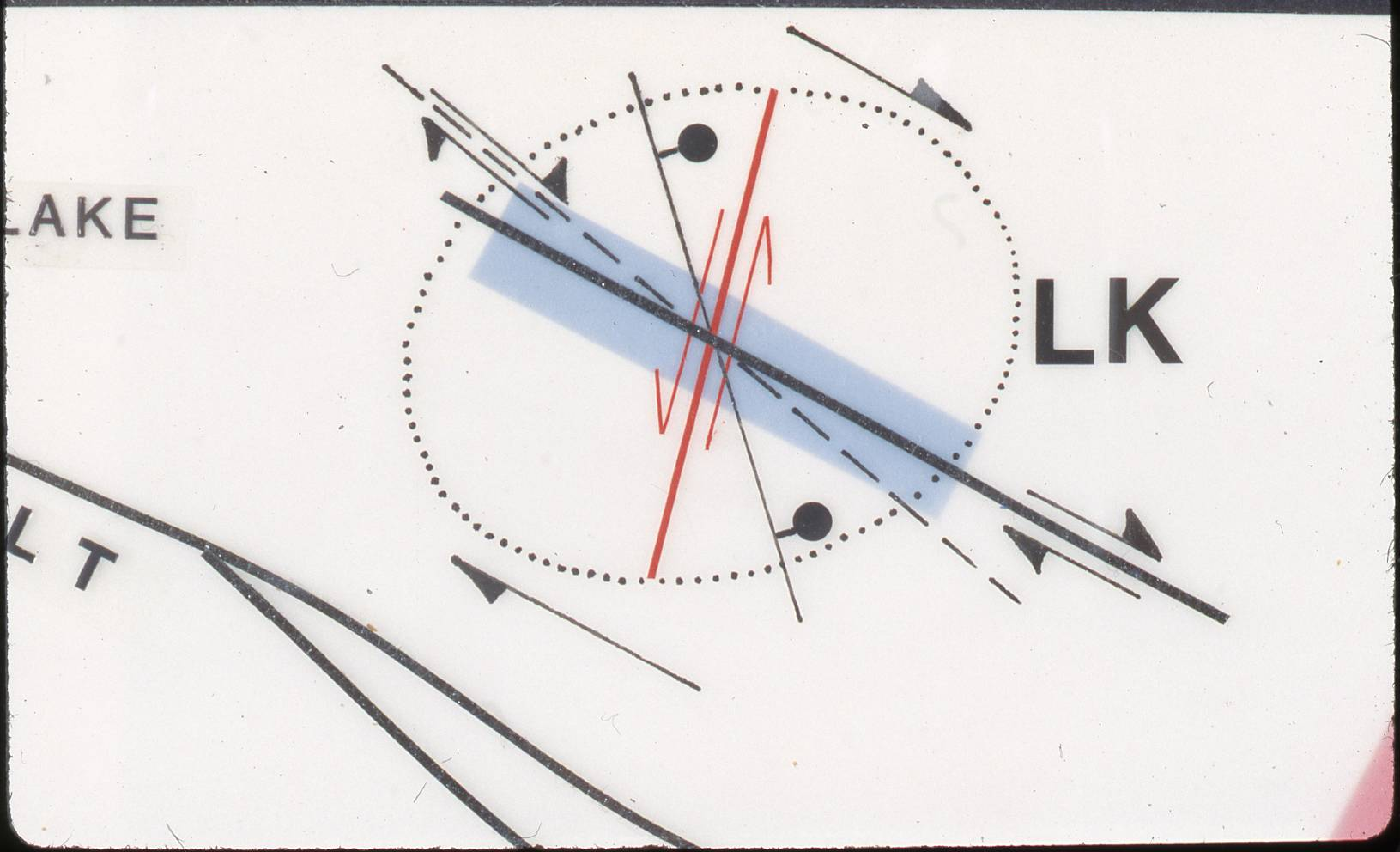
Contour Method: Kamb (1959)

Counting Area: 0.058

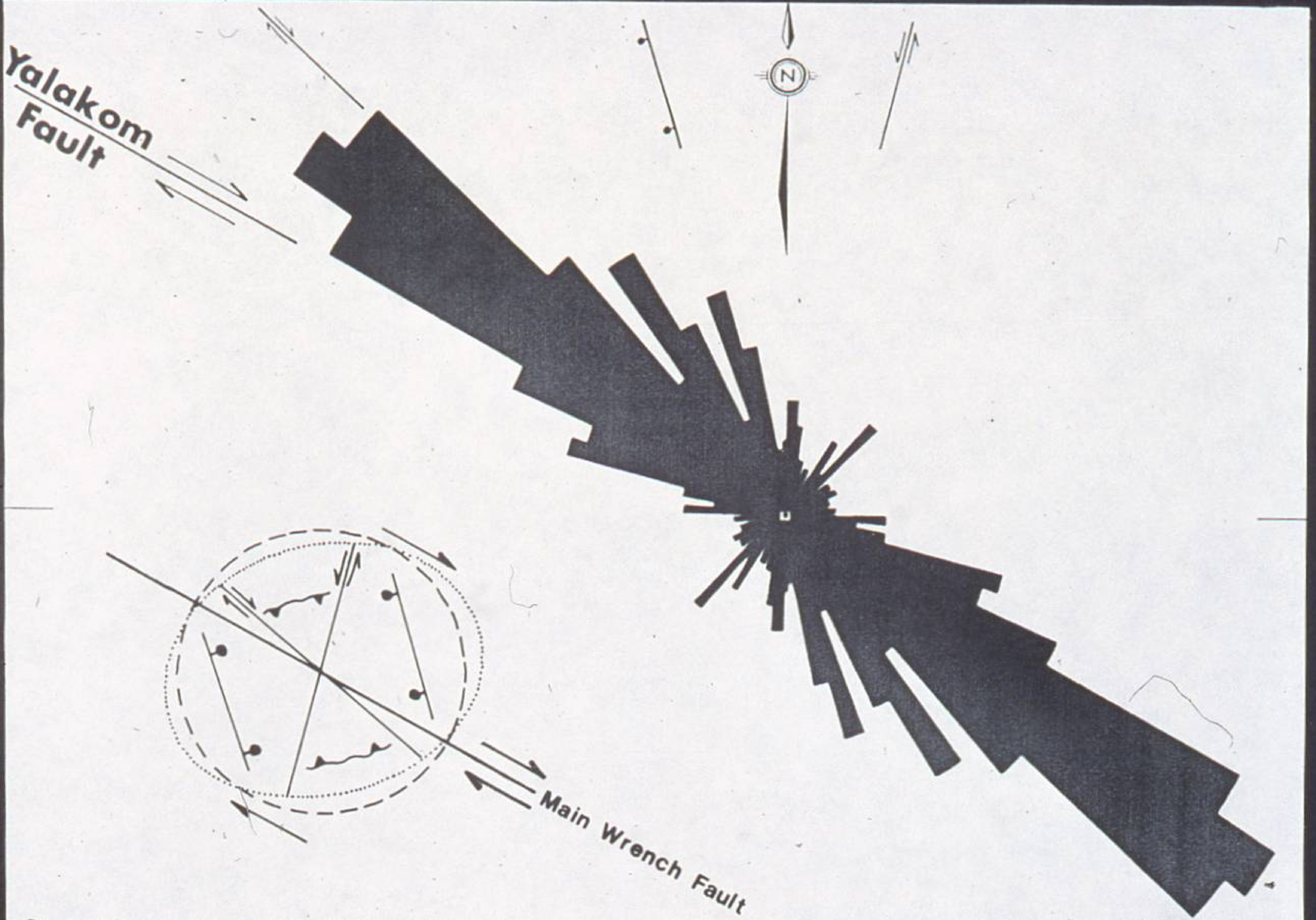
Expected No.: 8.48 Pts. per Area

Sigma: 2.83

Contour Interval: 3 Sigma

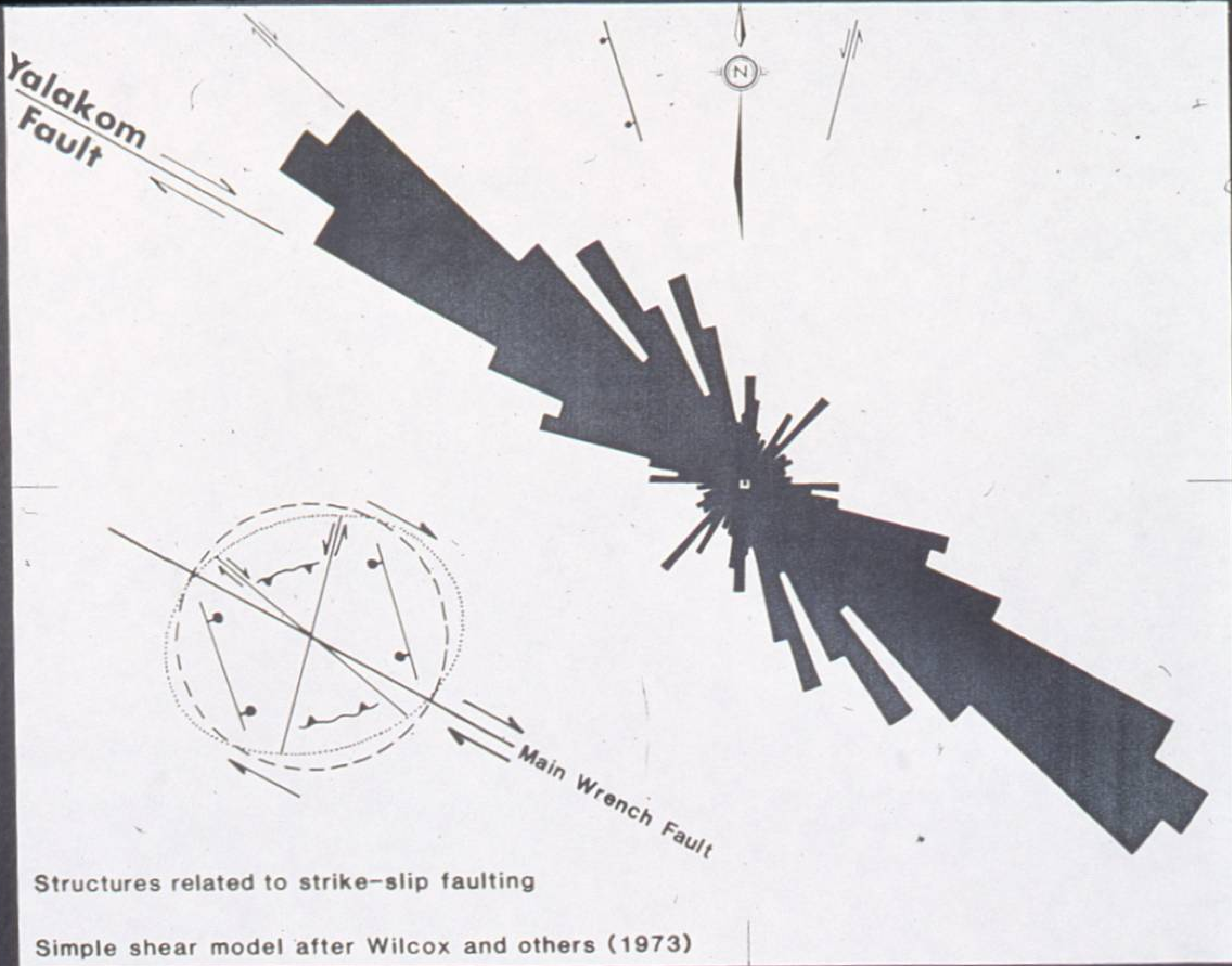


LAKE
LK
LT



Structures related to strike-slip faulting

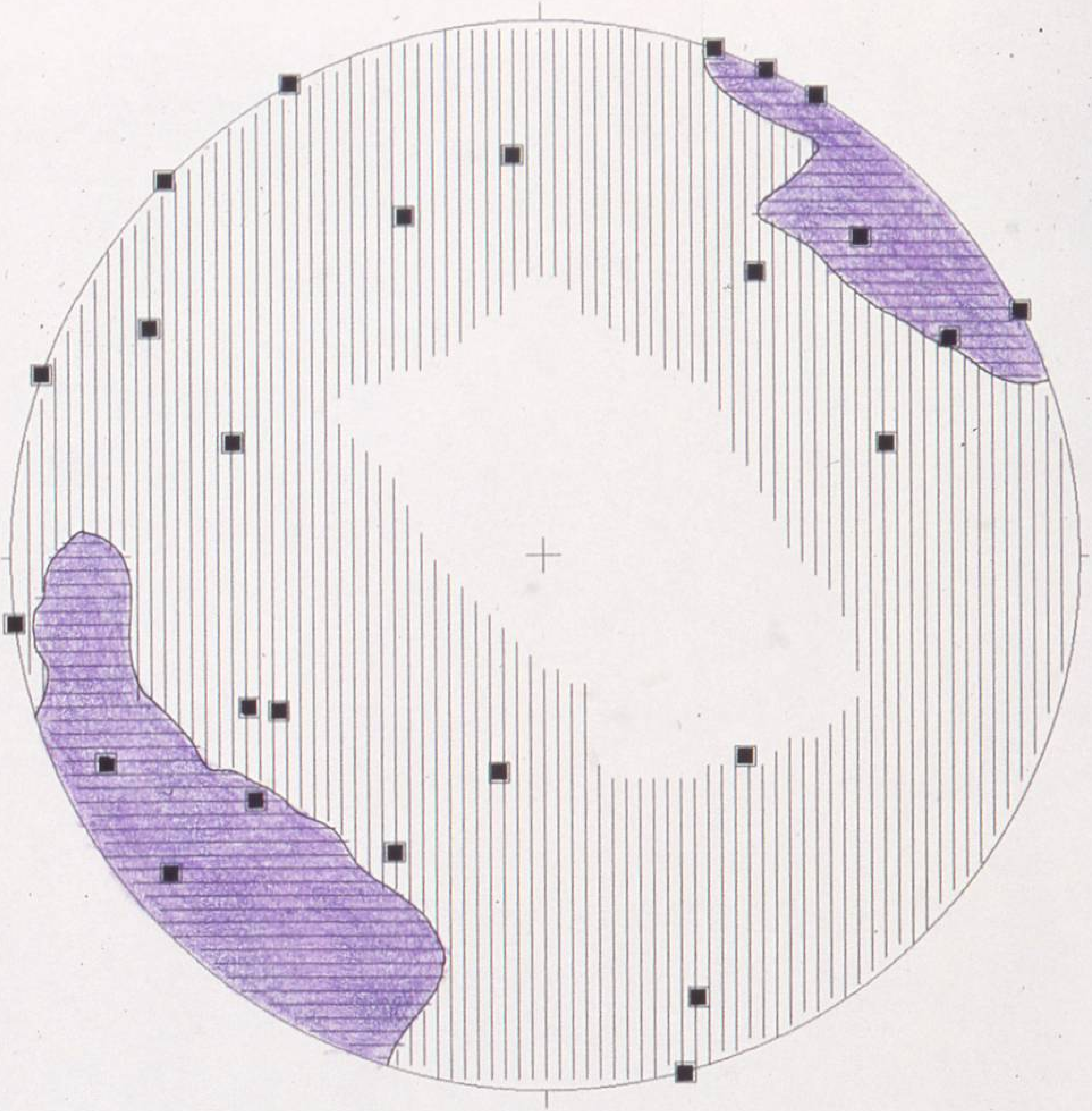
Simple shear model after Wilcox and others (1973)



Rose diagram depicting cummulative fault length / 5° increment of azimuth; area southwest of the Yalakom fault, Warner Pass and Noaxe Creek map sheets

LEFT-LATERAL SLICKENSIDES/FBRS MINERAL GROWTH, 920

North



26 Points

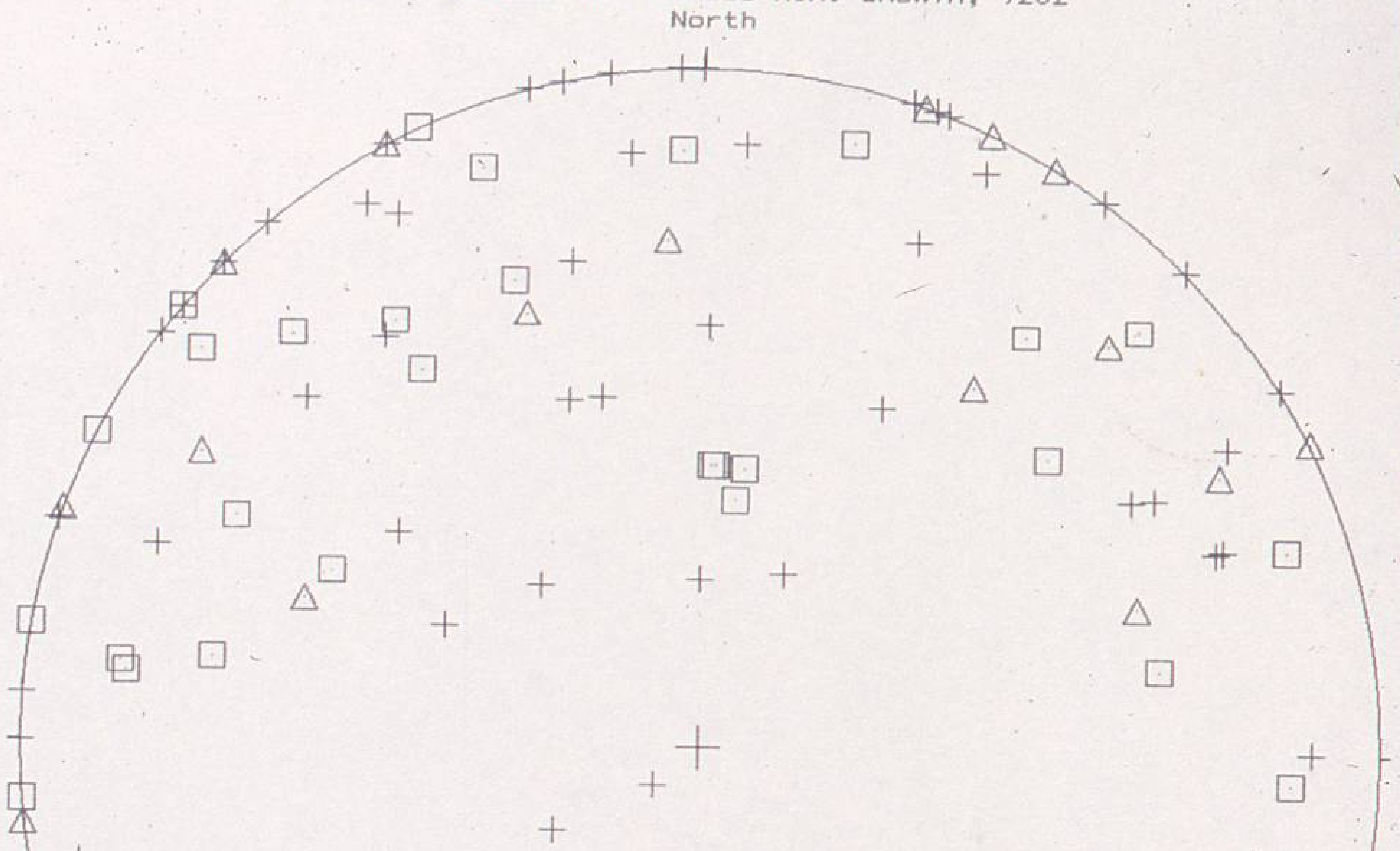
LEGEND (for first 9 intervals)

◫	1- 3	▧	16- 18
⊟	4- 6	▨	19- 21
⊞	7- 9	▩	22- 24
⊞	10- 12	■	25- 27
⊞	13- 15		

Contour Method: Kamb (1959)
Counting Area: 0.257
Expected No.: 6.69 Pts. per Area
Sigma: 2.23
Contour Interval: 3 Sigma

NOTE: Contour Patterns Repeat Every 9 Intervals

SLICKENSIDES AND FIBROUS MIN. GROWTH, 9202



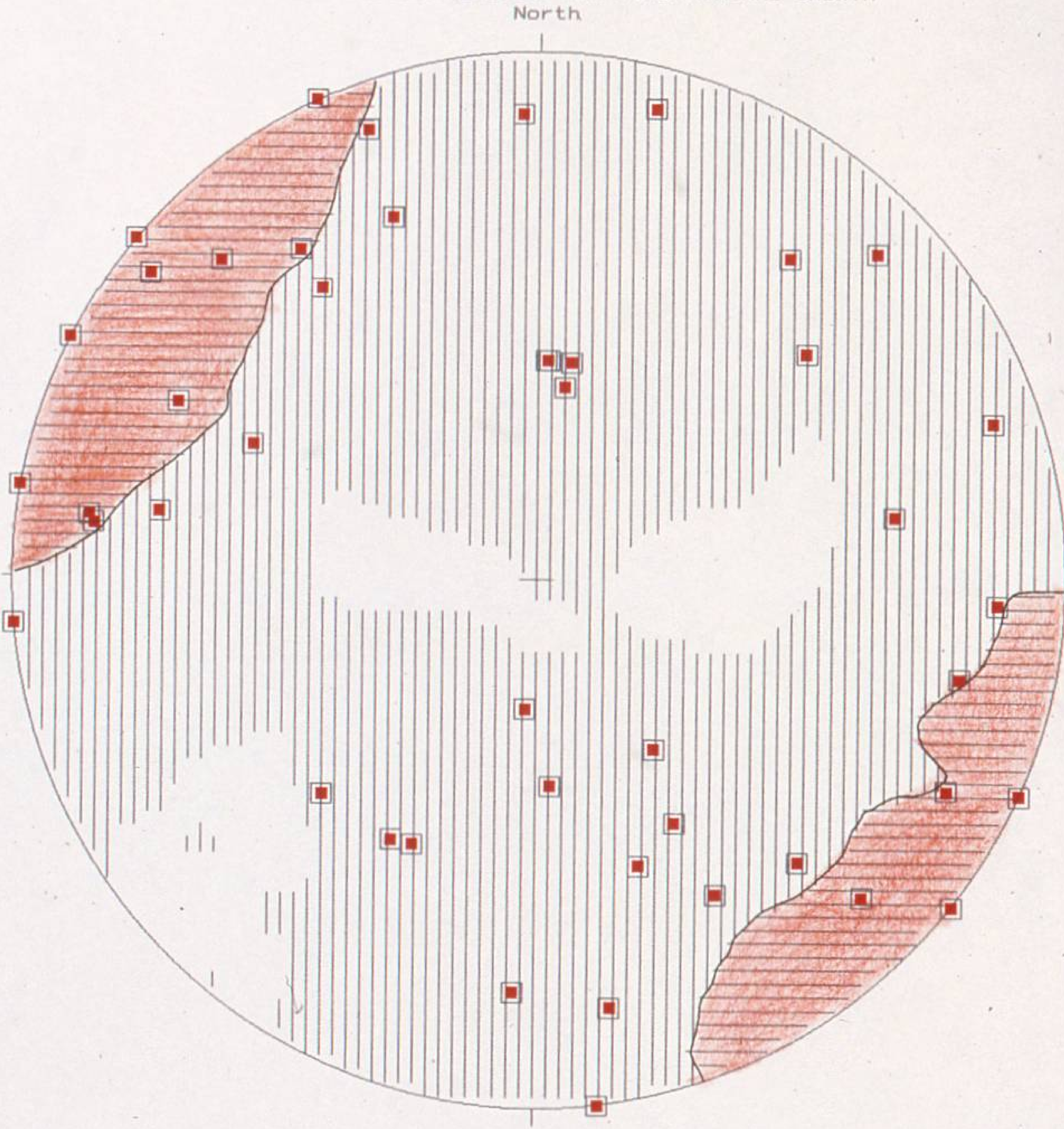
EQUAL AREA PROJECTION

		Symbol
RIGHT-LATERAL SLICKENSIDES AND FBRS MINERAL GROWTH	46 Points	□
LEFT-LATERAL SLICKENSIDES/FBRS MINERAL GROWTH, 920	26 Points	△
SLICKENSIDES AND FBRS MIN GROWTH OF UNKNOWN DIRECT	74 Points	+

146 Points Total

SPLOT by Darton Software

RIGHT-LATERAL SLICKENSIDES AND FBRS MINERAL GROWTH



46 Points

LEGEND (for first 9 intervals)

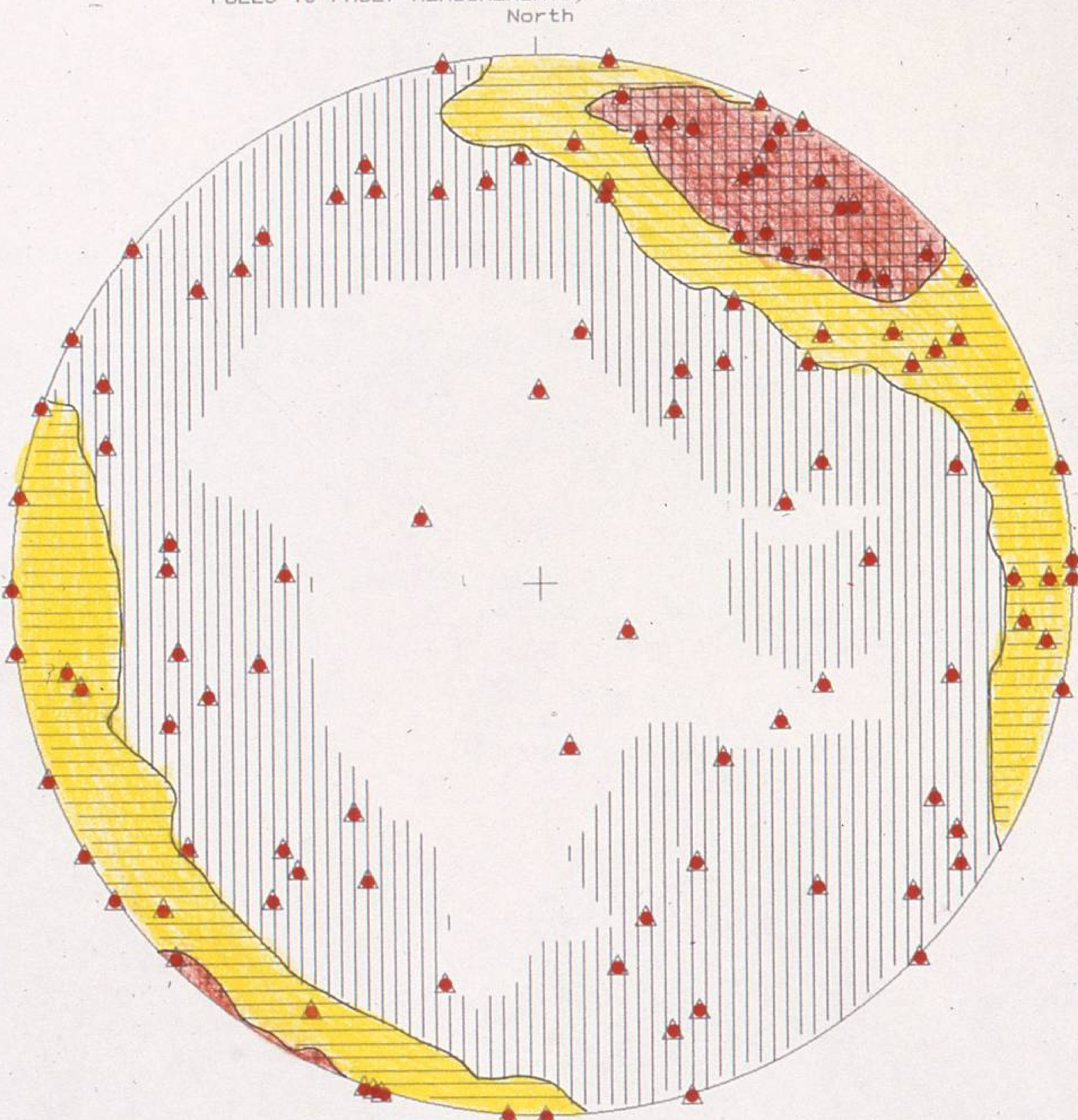
◫	1- 3	▧	16- 18
▬	4- 6	▨	19- 21
⊞	7- 9	▩	22- 24
⊞	10- 12	■	25- 27
⊞	13- 15		

Contour Method: Kamb (1959)
Counting Area: 0.164
Expected No.: 7.53 Pts. per Area
Sigma: 2.51
Contour Interval: 3 Sigma

NOTE: Contour Patterns Repeat Every 9 Intervals

NOTE: Contour Patterns Repeat Every 9 Intervals

POLES TO FAULT MEASUREMENTS, YALAKOM SYSTEM, 9202

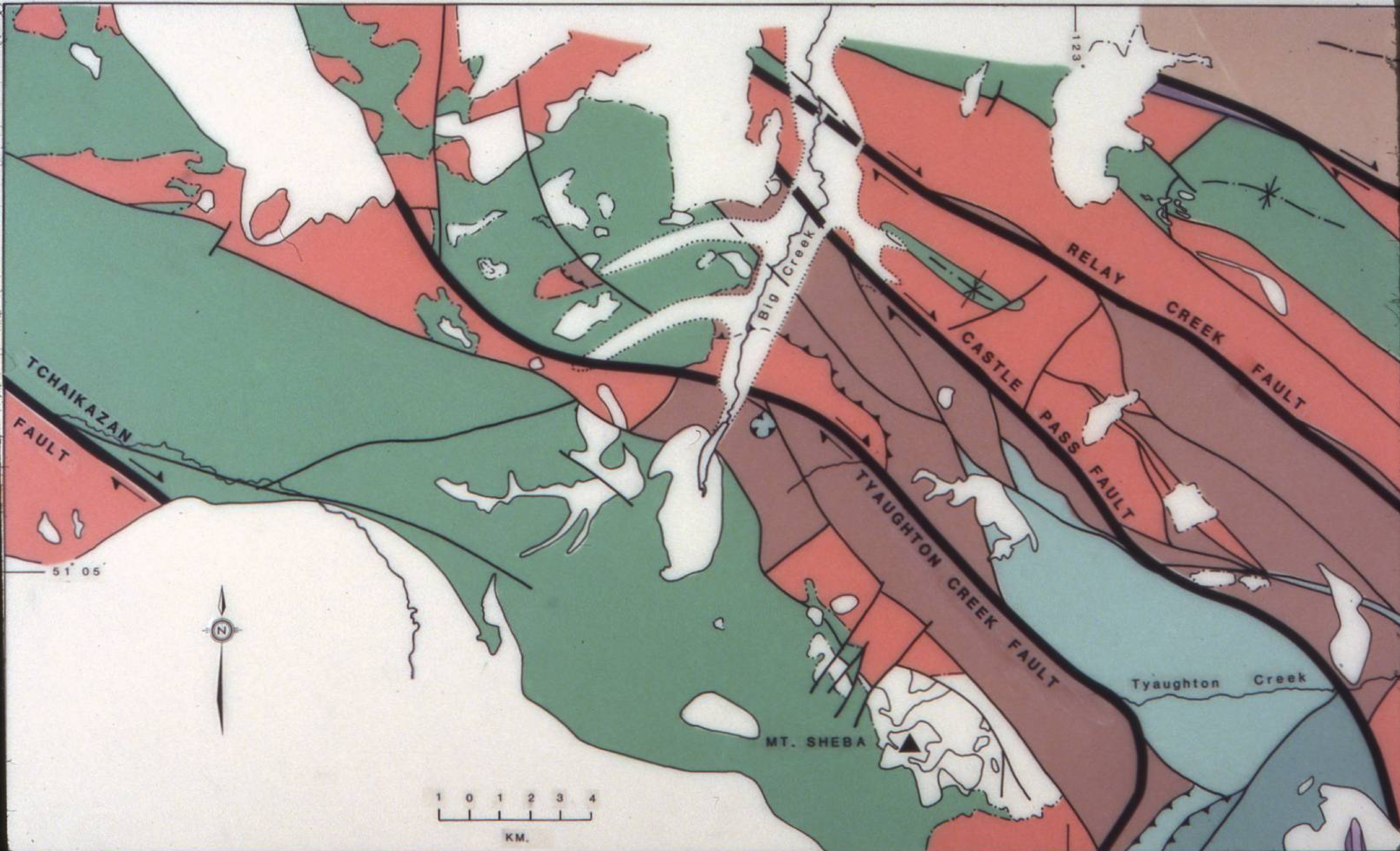


119 Points

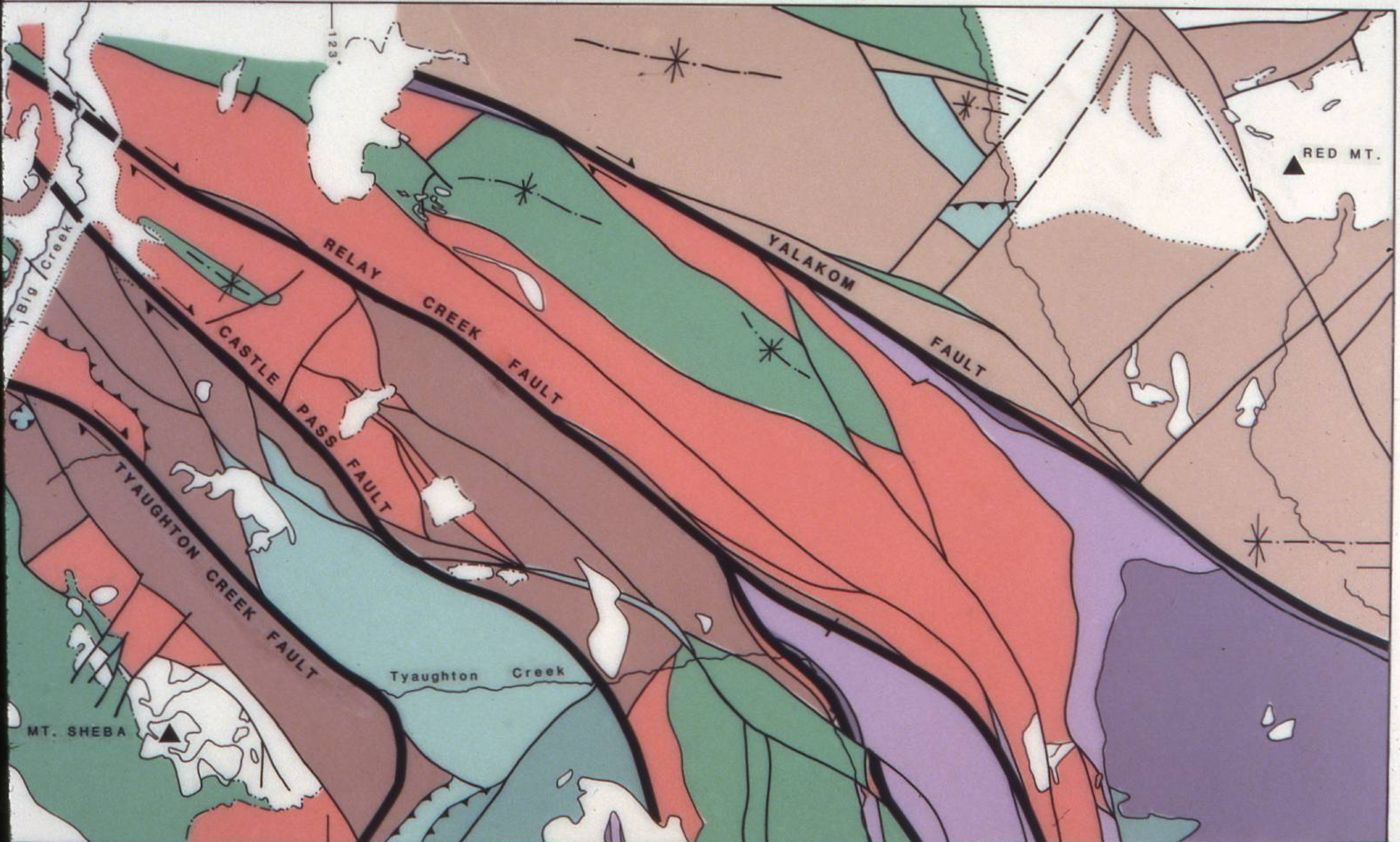
LEGEND (for first 9 intervals)

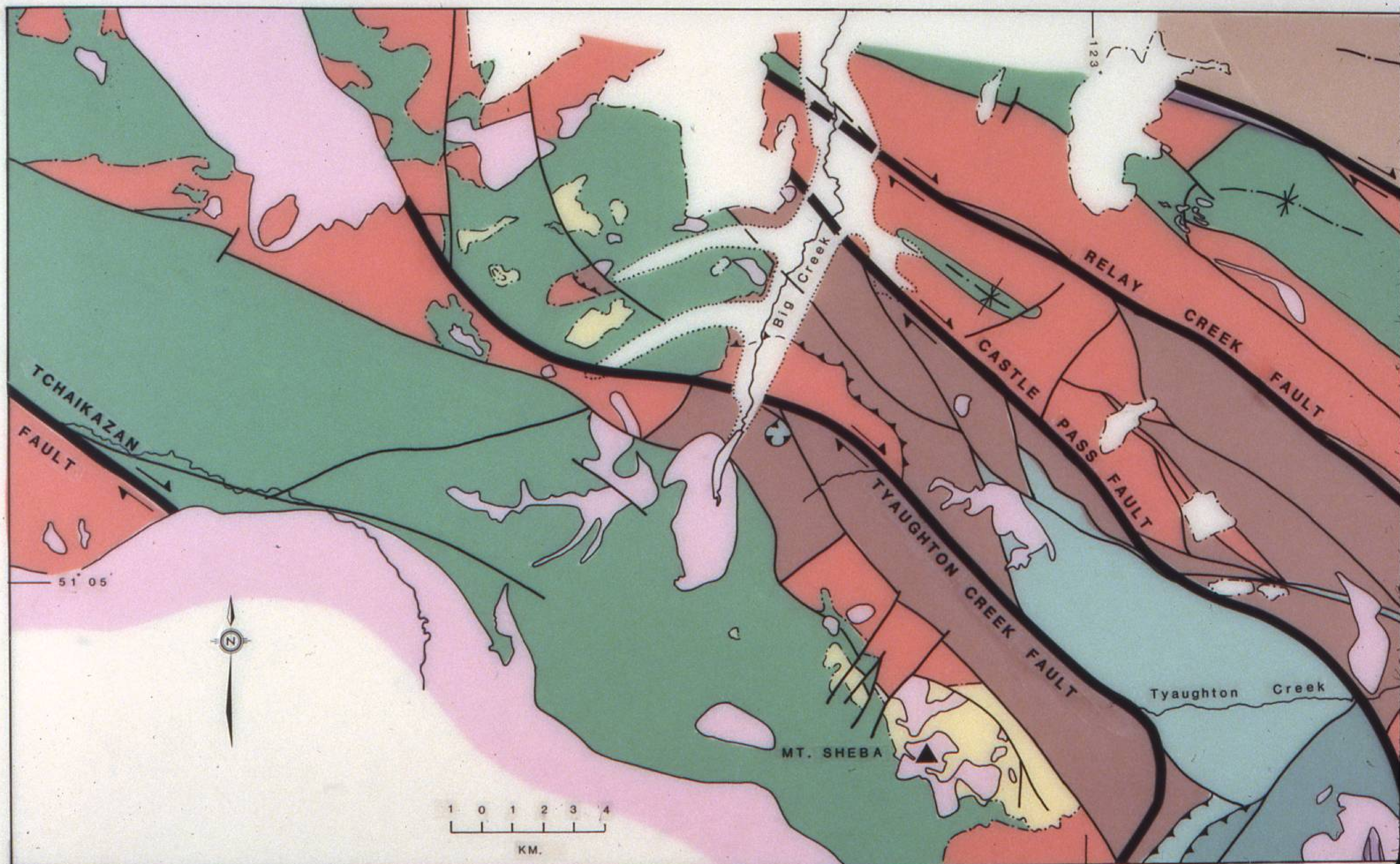
1- 3	16- 18
4- 6	19- 21
7- 9	22- 24
10- 12	25- 27
13- 15	

Contour Method: Kamb (1959)
Counting Area: 0.070
Expected No.: 8.37 Pts. per Area
Sigma: 2.79
Contour Interval: 3 Sigma

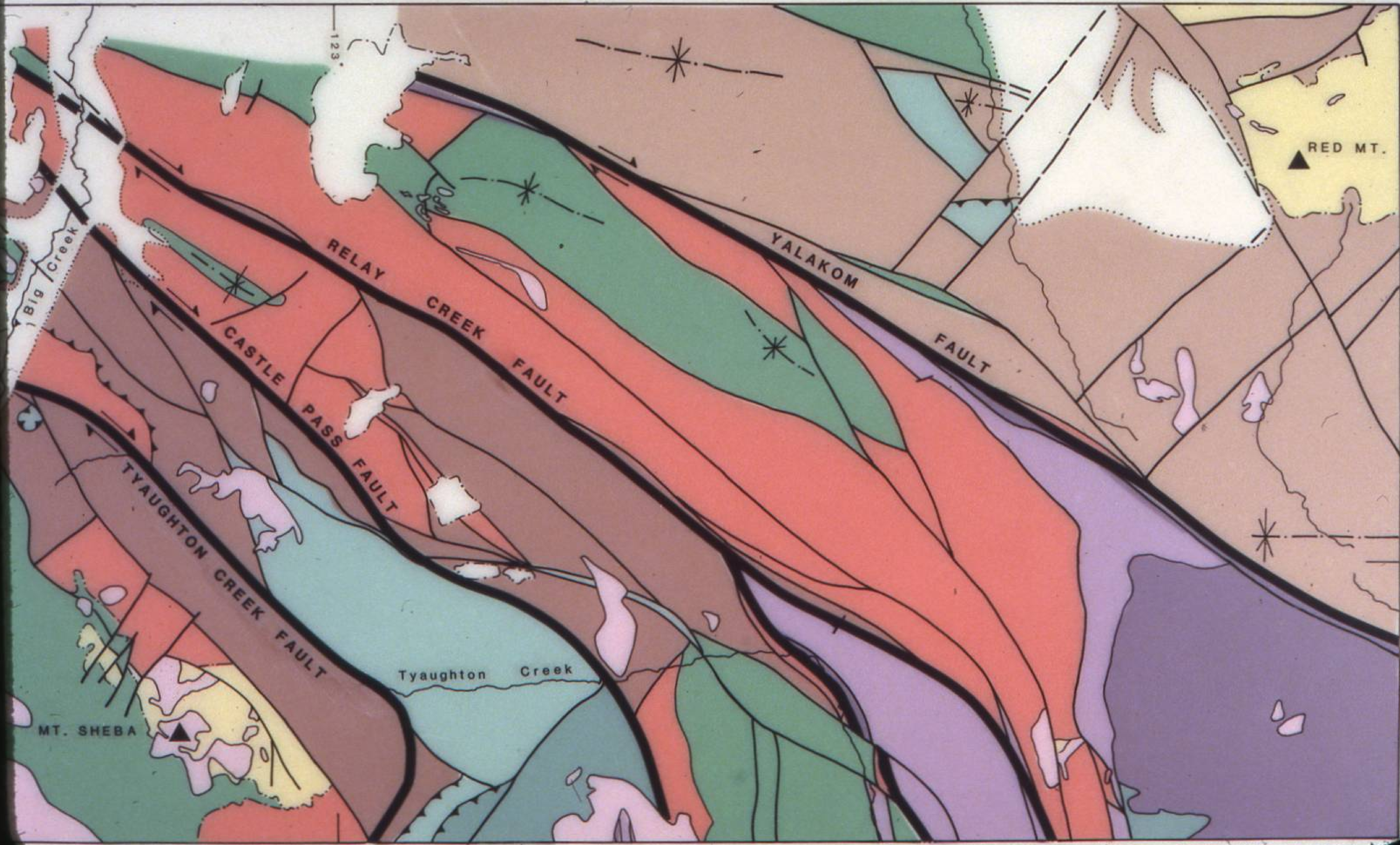


123°
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51°05'
N
1 0 1 2 3 4
KM.


123
RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
Big Creek
TYAUGHTON CREEK FAULT
Tyaughton Creek
MT. SHEBA



123°
RELAY CREEK FAULT
CASTLE PASS FAULT
Big Creek
TCHAIKAZAN FAULT
TYAUGHTON CREEK FAULT
51°05
Tyaughton Creek
MT. SHEBA
N
1 0 1 2 3 4
KM.

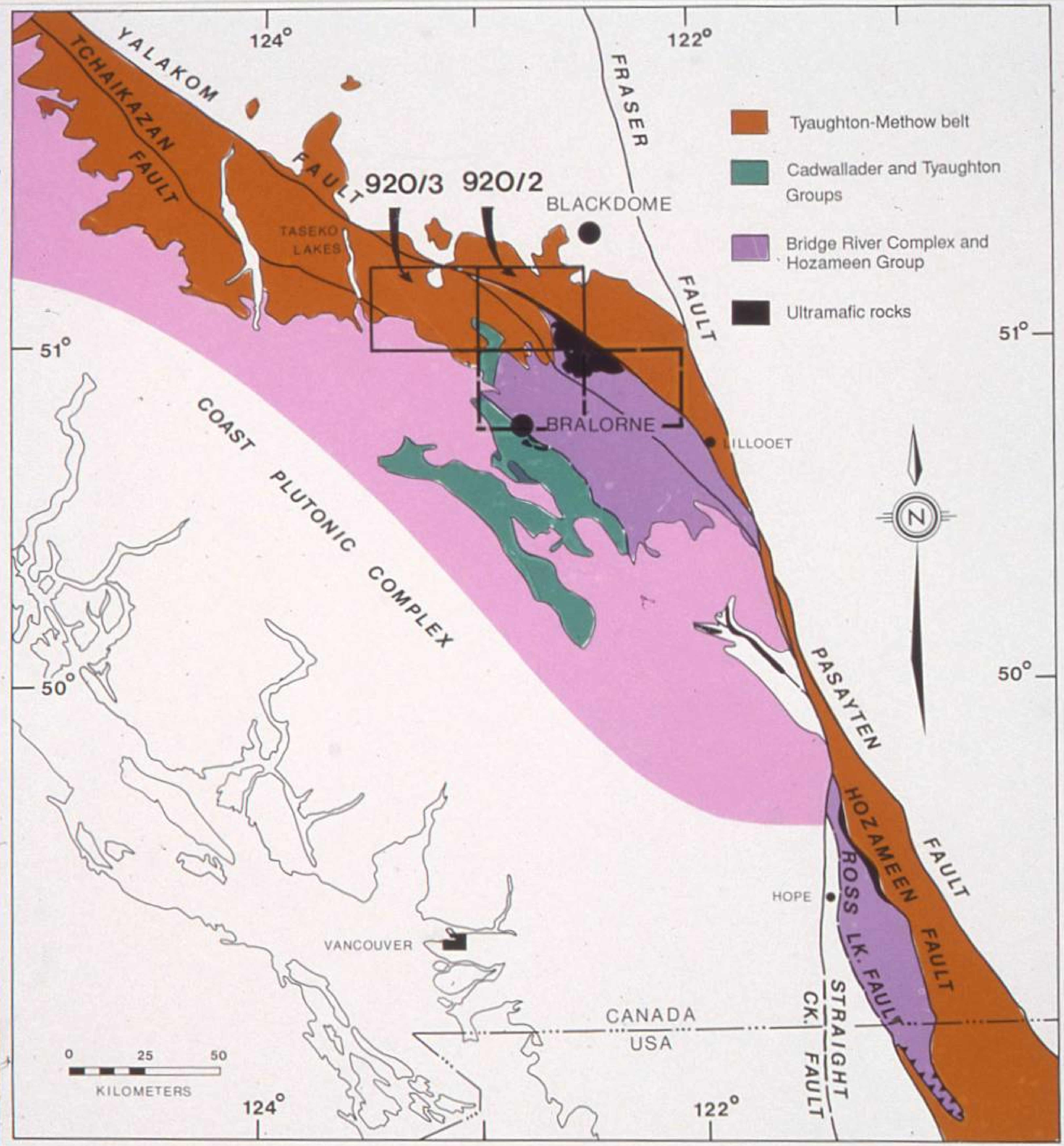


123
Big Creek
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Tyaughton Creek
RED MT.
MT. SHEBA

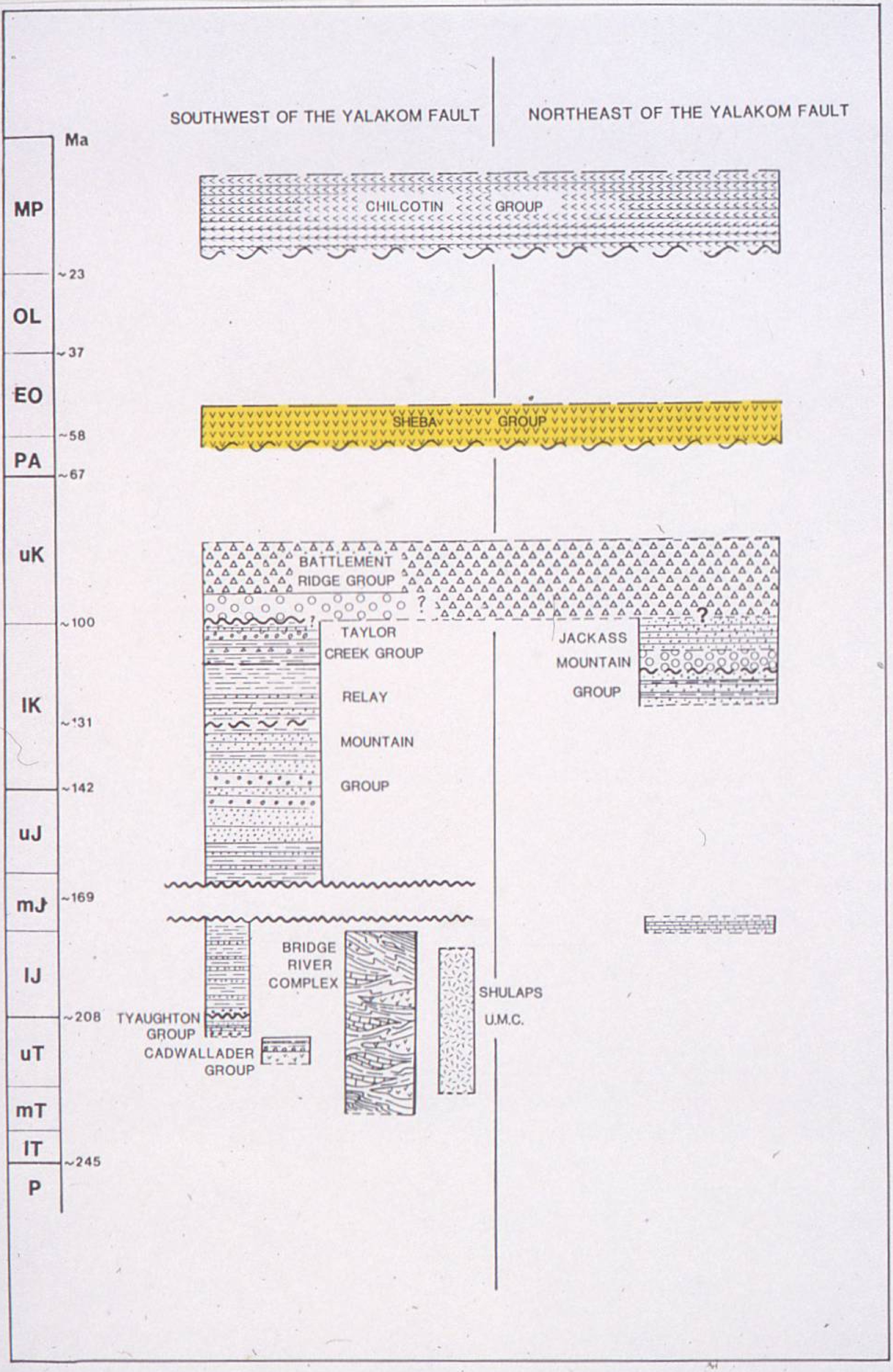

123°
51°05'
51°05'
N
1 0 1 2 3 4
KM

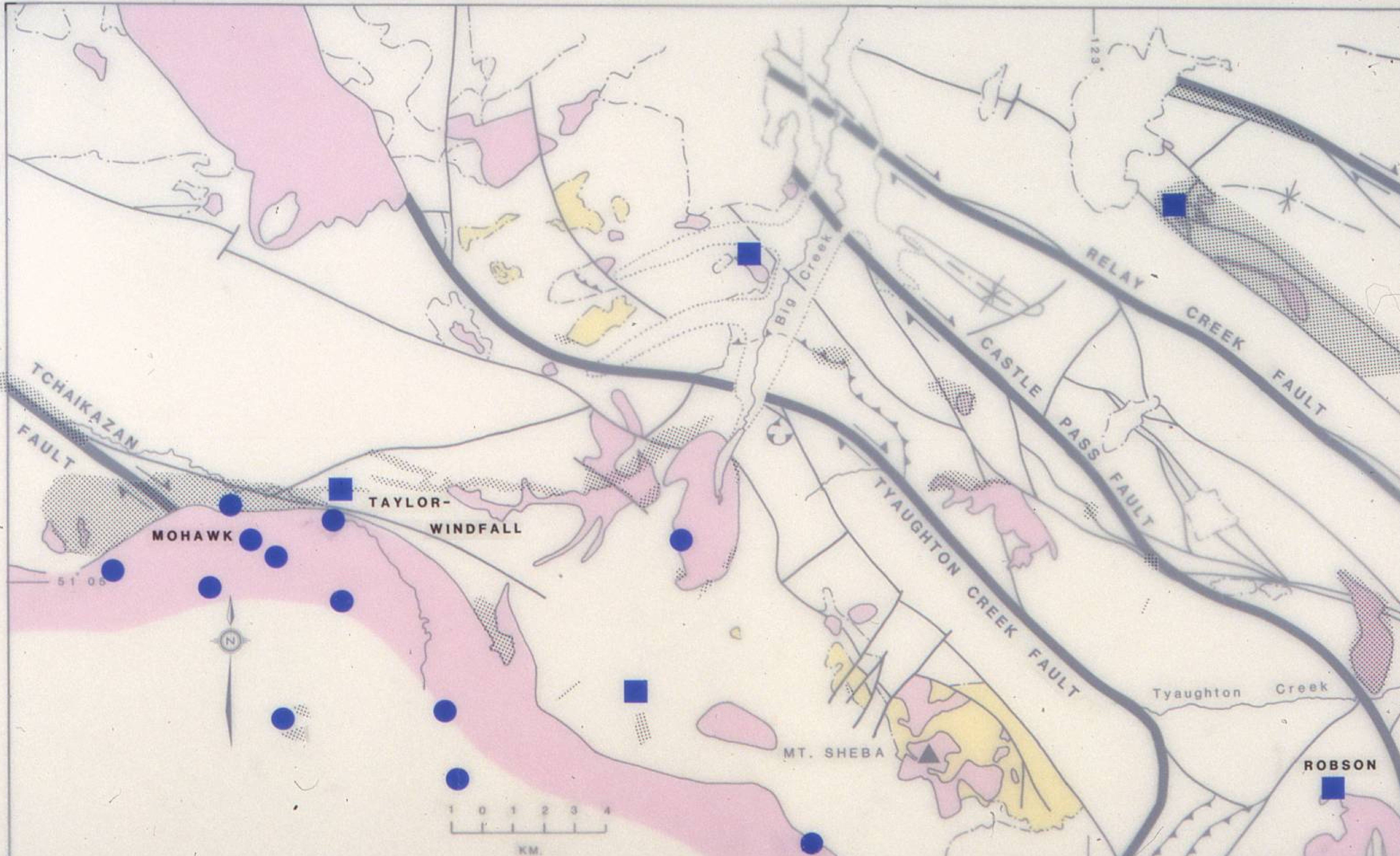
1 0 1 2 3 4
KM


123°
2 3 4
KM



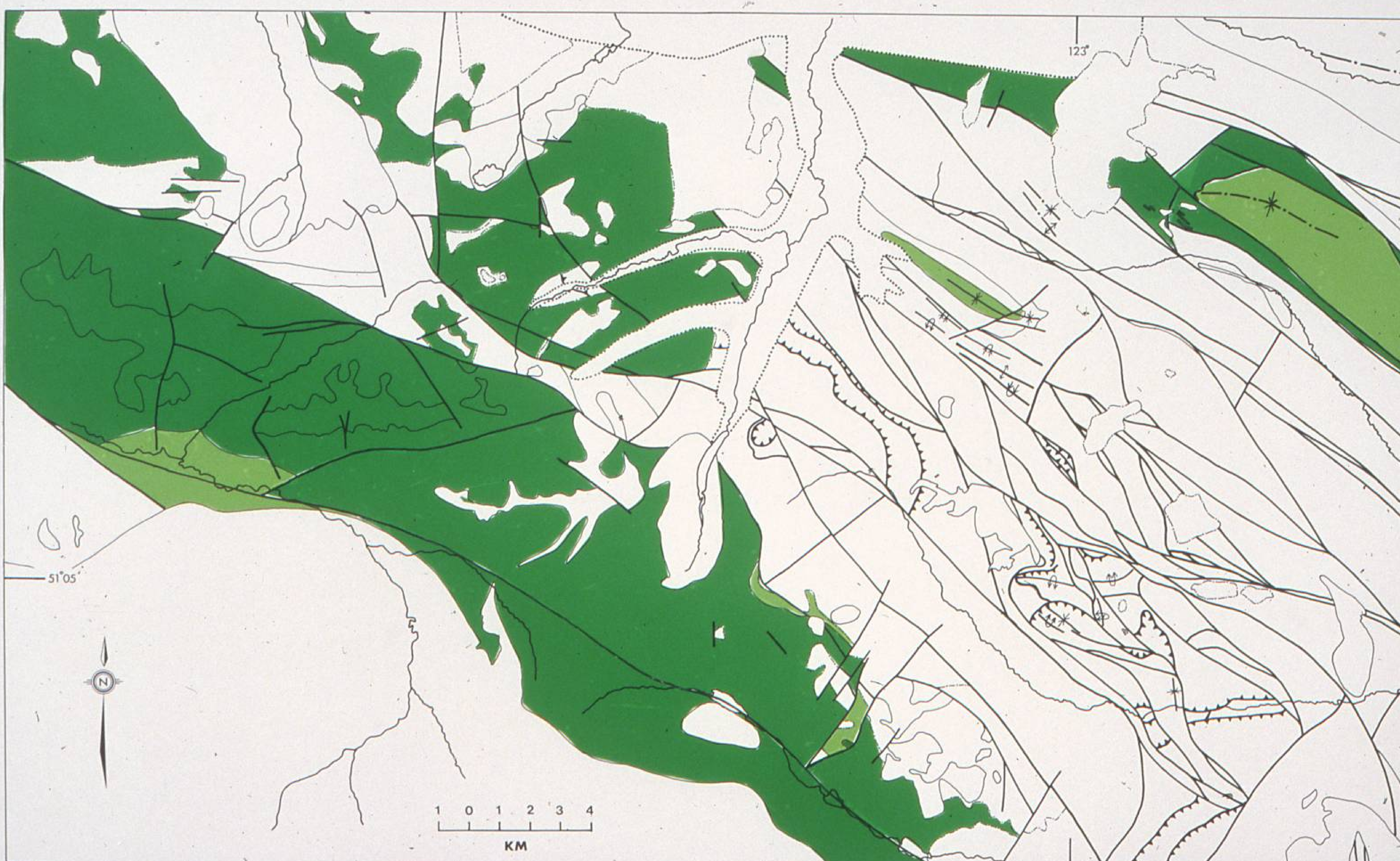
124°
122°
YALAKOM
TCHAIKAZAN
FAULT
FAULT
FRASER
920/3
920/2
BLACKDOME
TASEKO LAKES
FAULT
Tyaughton-Methow belt
Cadwallader and Tyaughton Groups
Bridge River Complex and Hozameen Group
Ultramafic rocks
51°
BRALORNE
LILLOOET
COAST PLUTONIC COMPLEX
50°
PASAYTEN
HOZAMEEN
FAULT
ROSS LK. FAULT
HOPE
VANCOUVER
CANADA
USA
STRAIGHT CK. FAULT
0
25
50
KILOMETERS


SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP

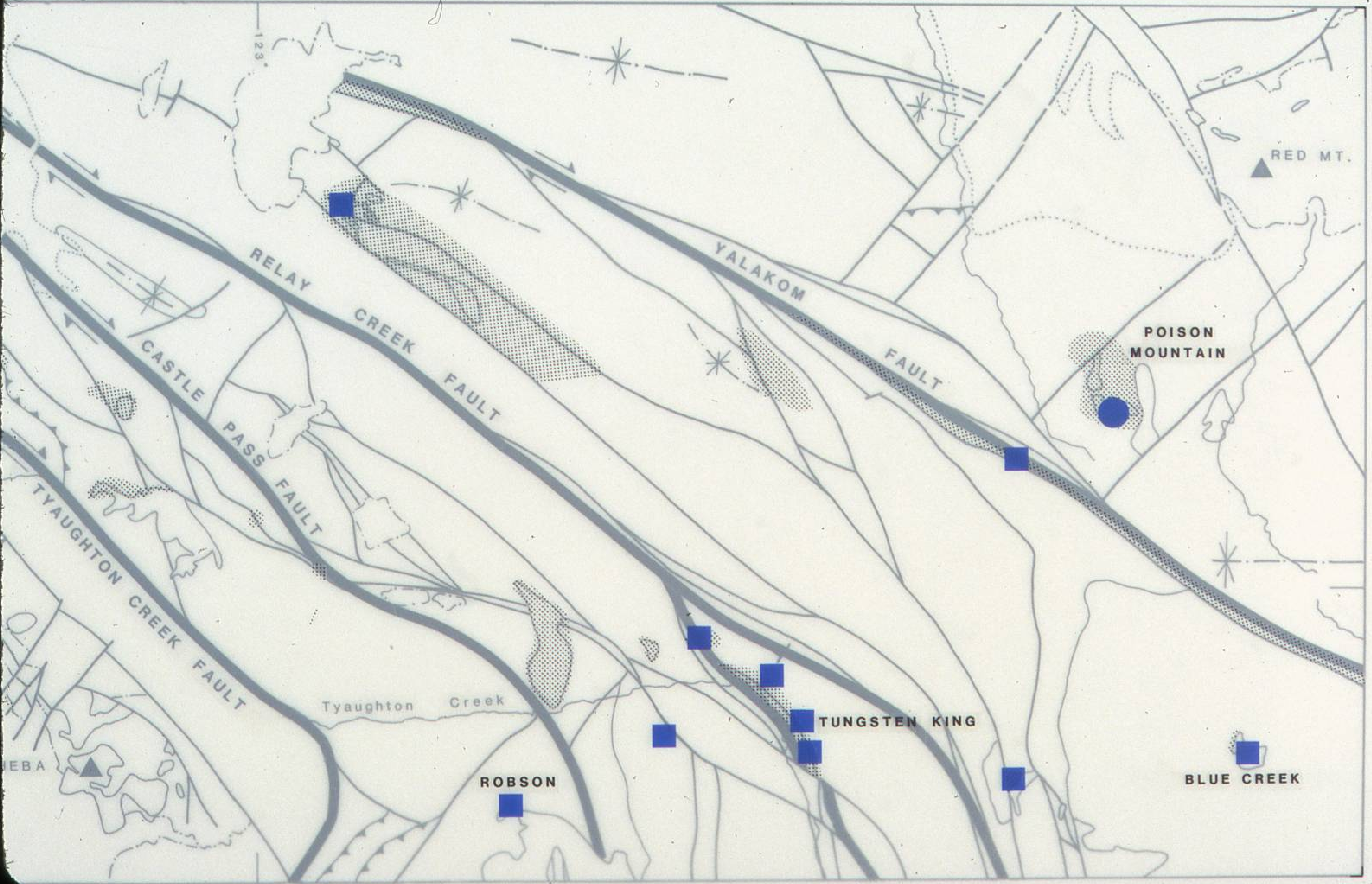


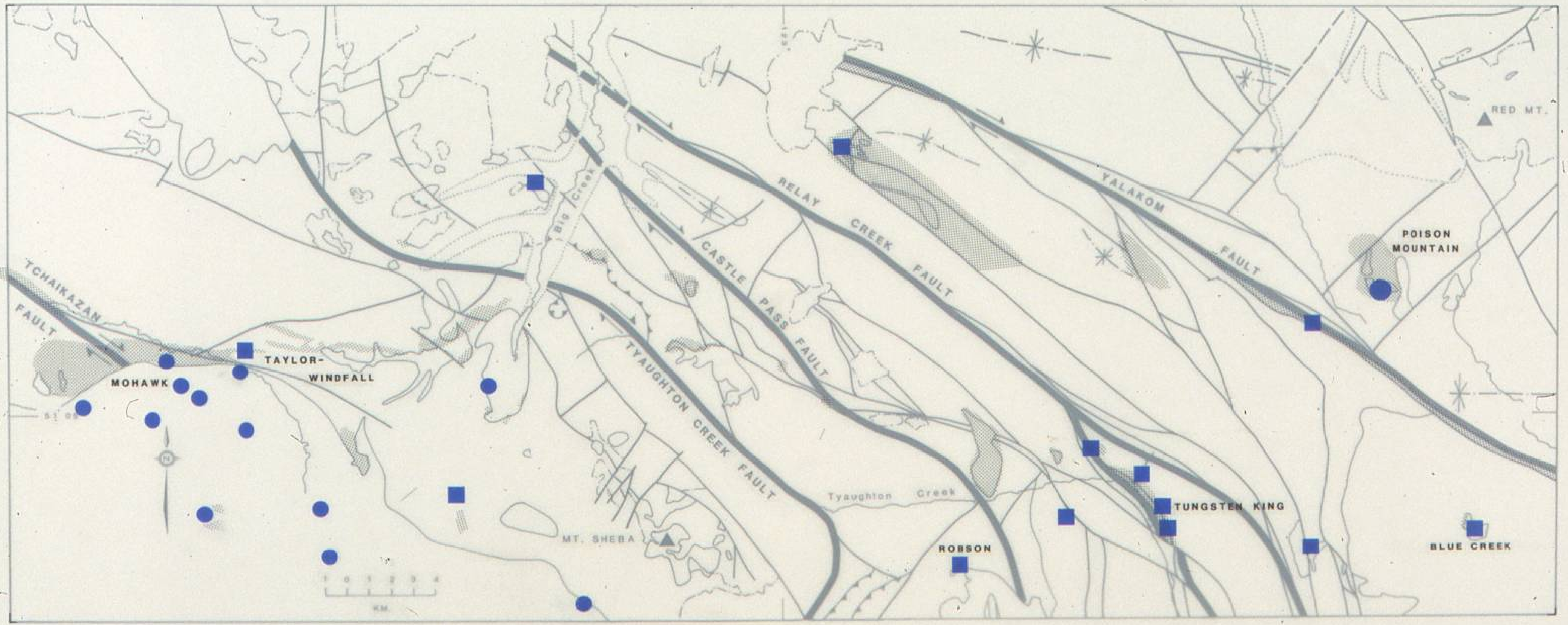
123
RELAY CREEK FAULT
CASTLE PASS FAULT
Big Creek
TCHAIKAZAN FAULT
TAYLOR-WINDFALL
MOHAWK
51 05
TYAUGHTON CREEK FAULT
Tyaughton Creek
MT. SHEBA
ROBSON
N
1 0 1 2 3 4
KM.


123°
51°05'

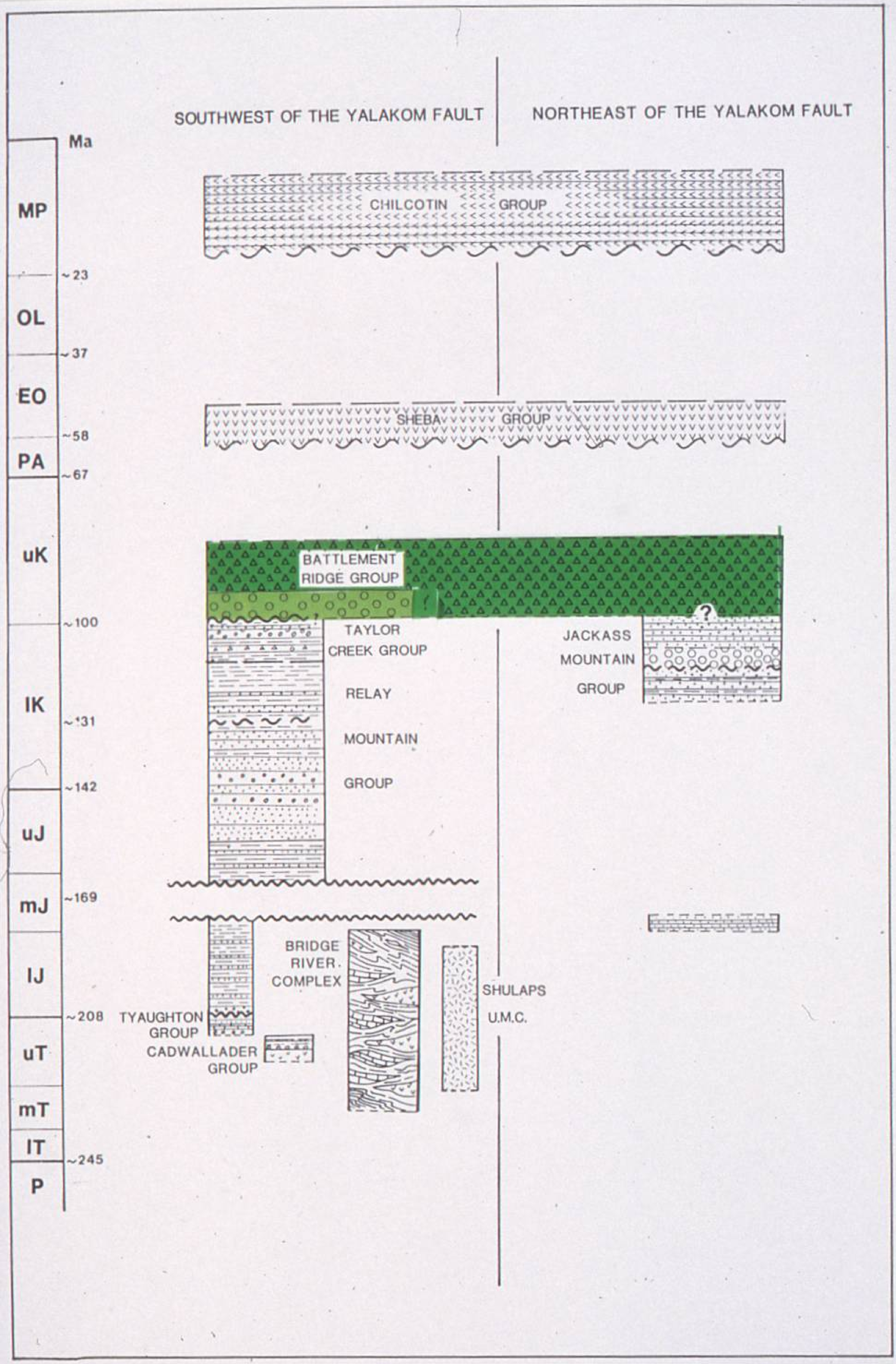

123°
51°05'
N
1 0 1 2 3 4
KM

123
RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Tyaughton Creek
BA

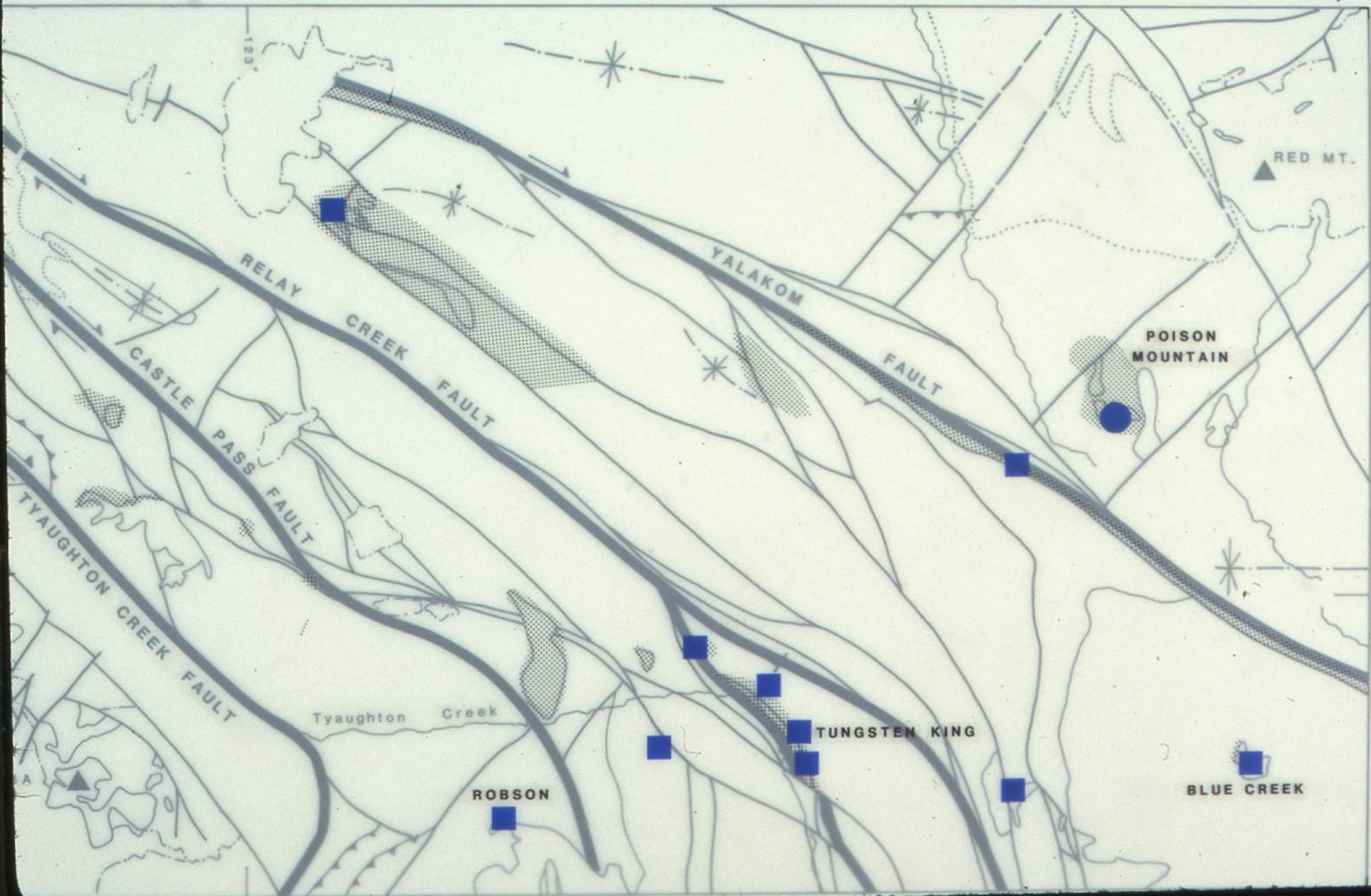

123
RED MT.
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
POISON MOUNTAIN
TYAUGHTON CREEK FAULT
Tyaughton Creek
TUNGSTEN KING
ROBSON
BLUE CREEK
EBA



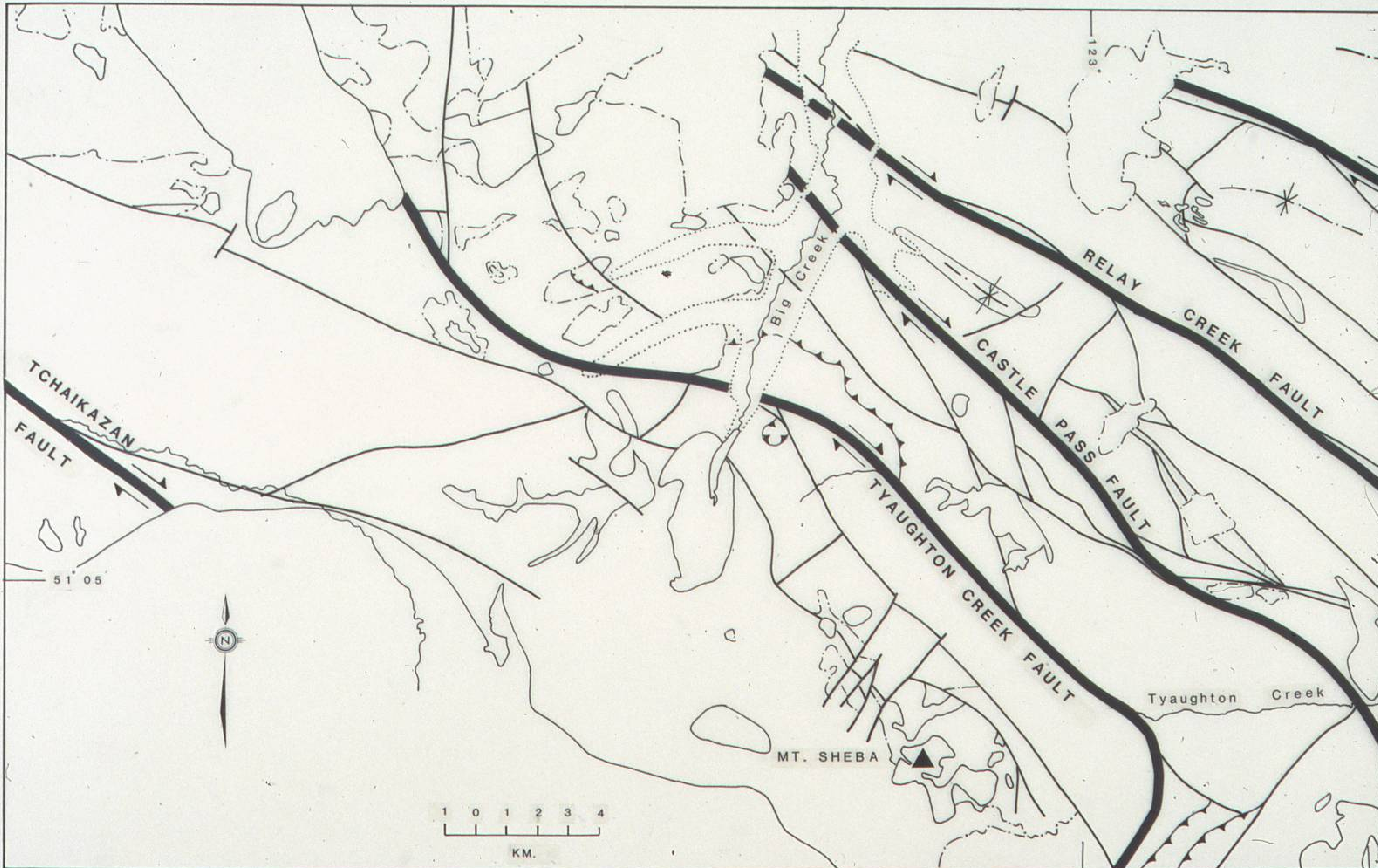
TCHAIKAZAN FAULT
MOHAWK
TAYLOR-WINDFALL
Big Creek
TYAUGHTON CREEK FAULT
CASTLE PASS FAULT
RELAY CREEK FAULT
YALAKOM FAULT
RED MT.
POISON MOUNTAIN
Tyaughton Creek
MT. SHEBA
ROBSON
TUNGSTEN KING
BLUE CREEK
1 0 1 2 3 4
KM.



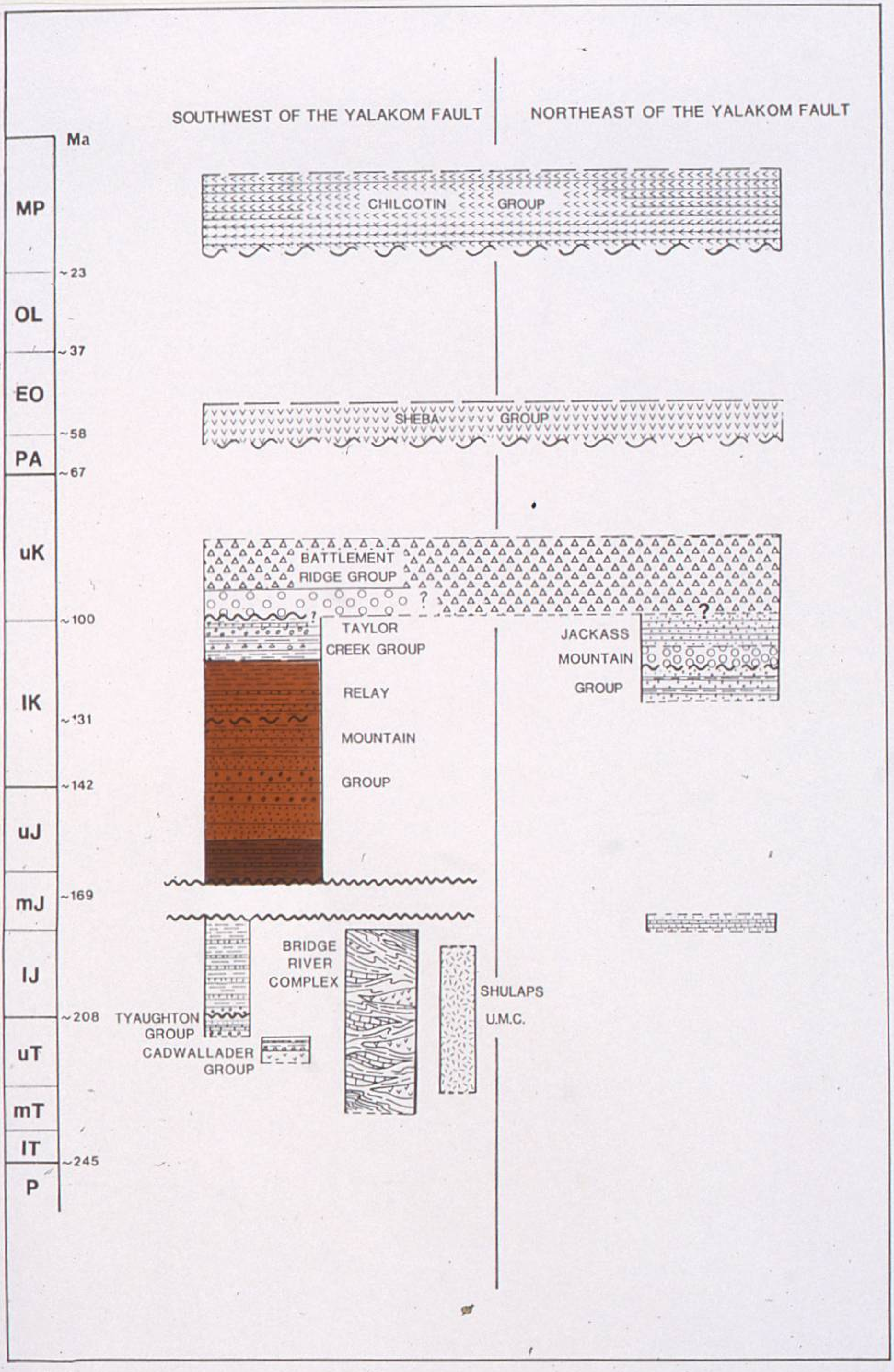
SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP

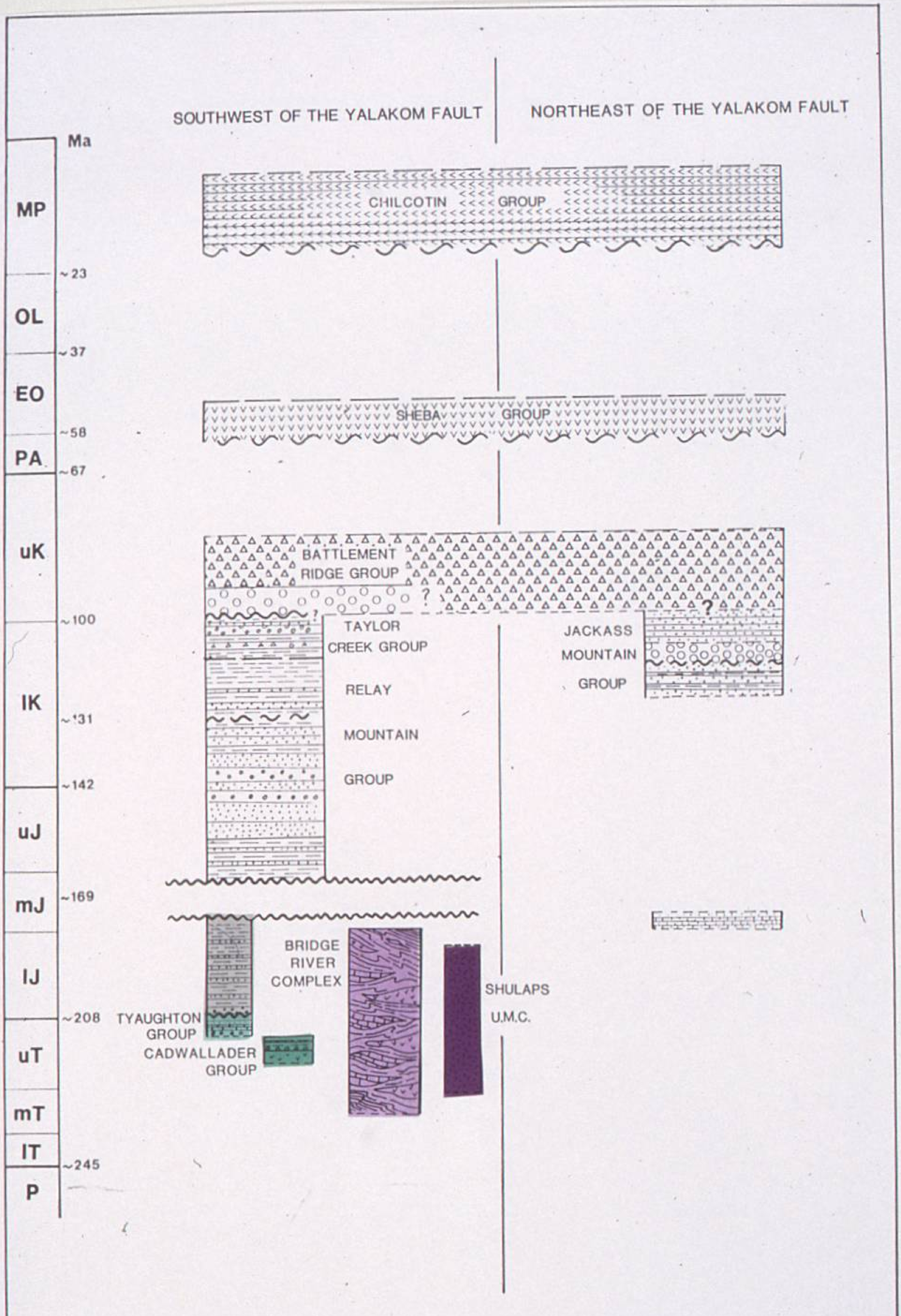


RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
POISON MOUNTAIN
Tyaughton Creek
TUNGSTEN KING
ROBSON
BLUE CREEK

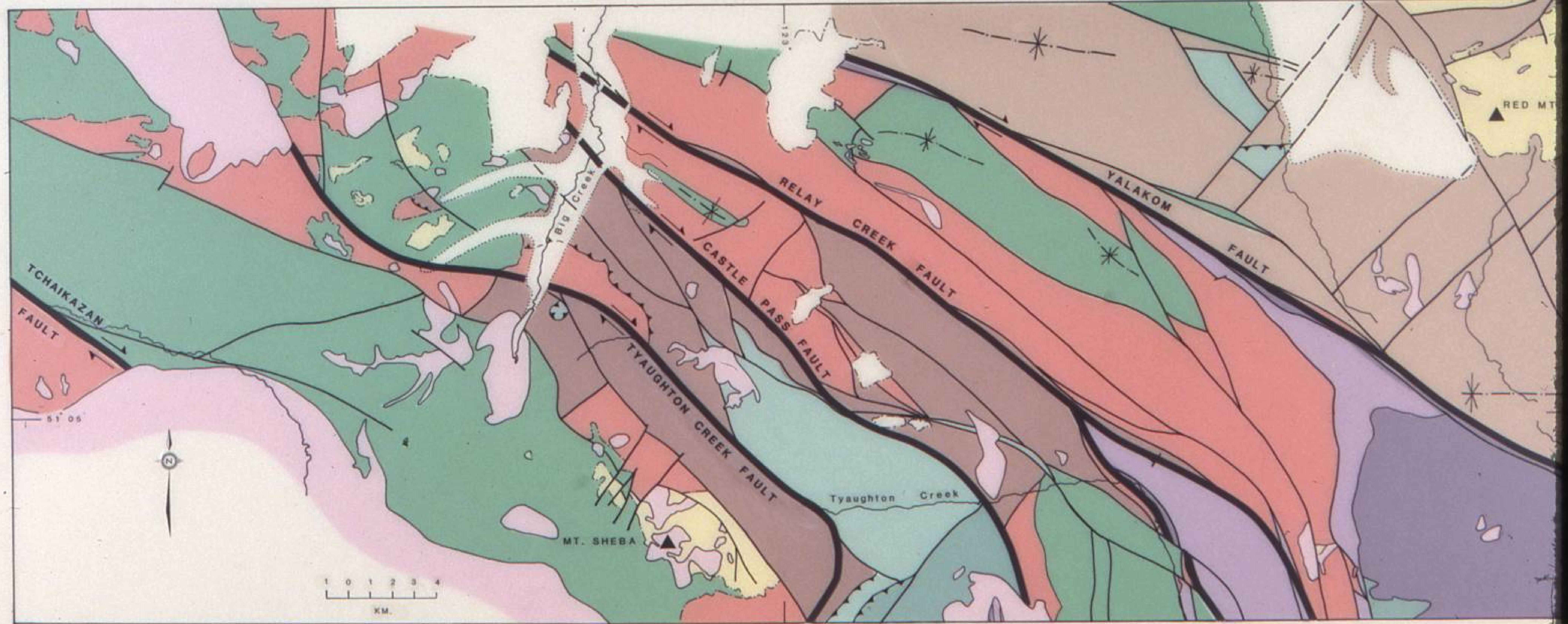


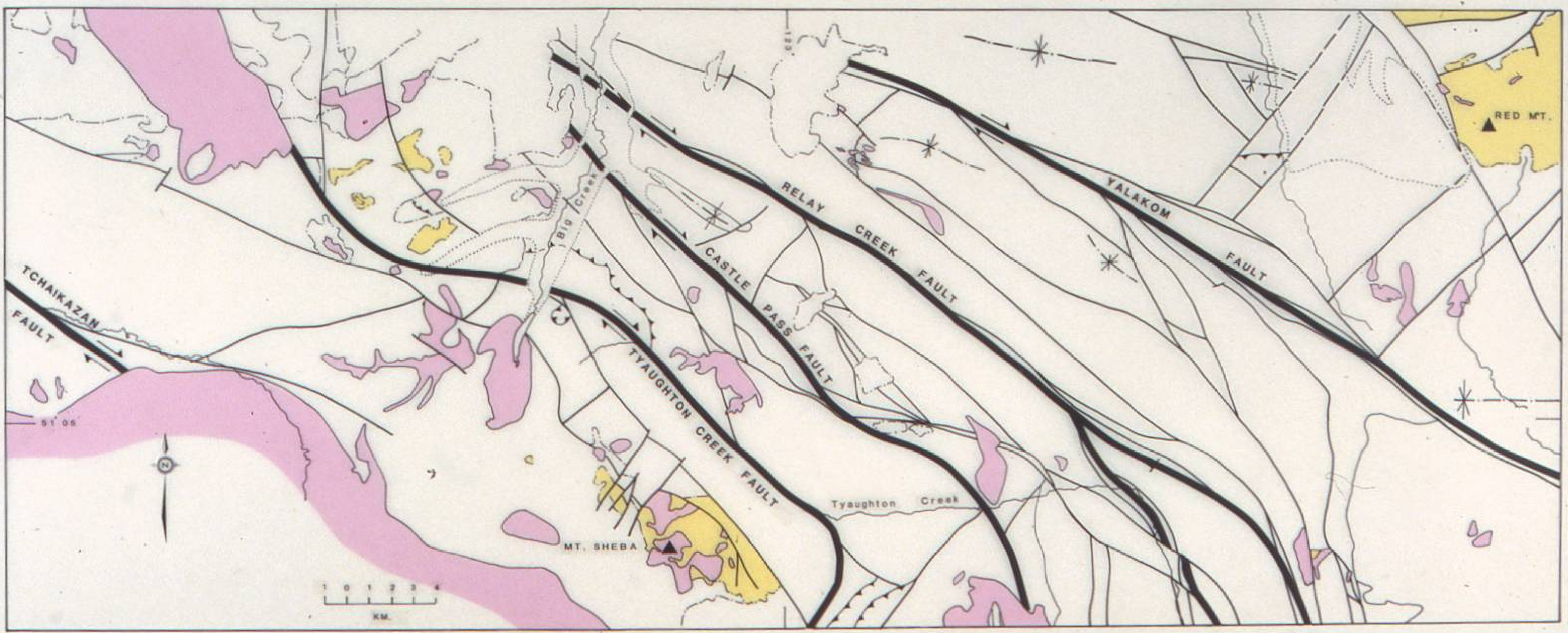
123
RELAY CREEK FAULT
CASTLE PASS FAULT
Big Creek
TCHAIKAZAN FAULT
TYAUGHTON CREEK FAULT
Tyaughton Creek
51 05
N
MT. SHEBA
1 0 1 2 3 4
KM.


SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
?
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP

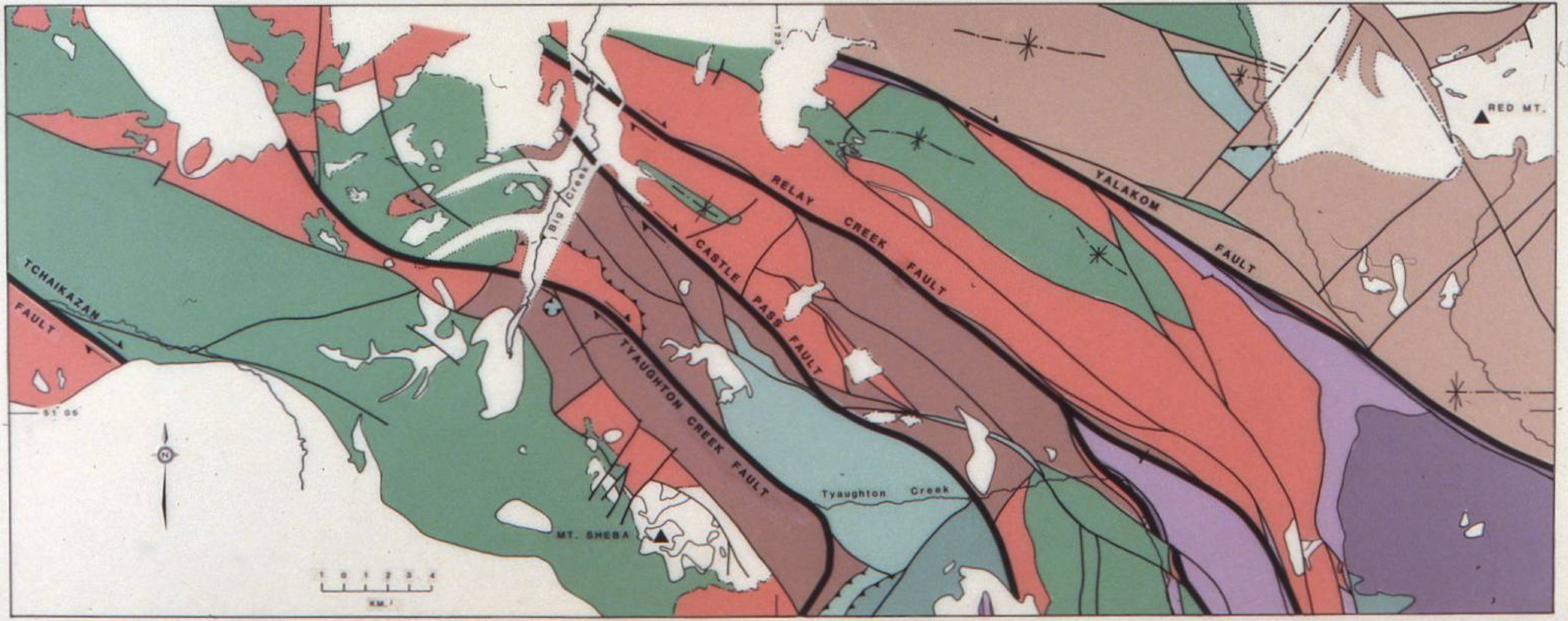


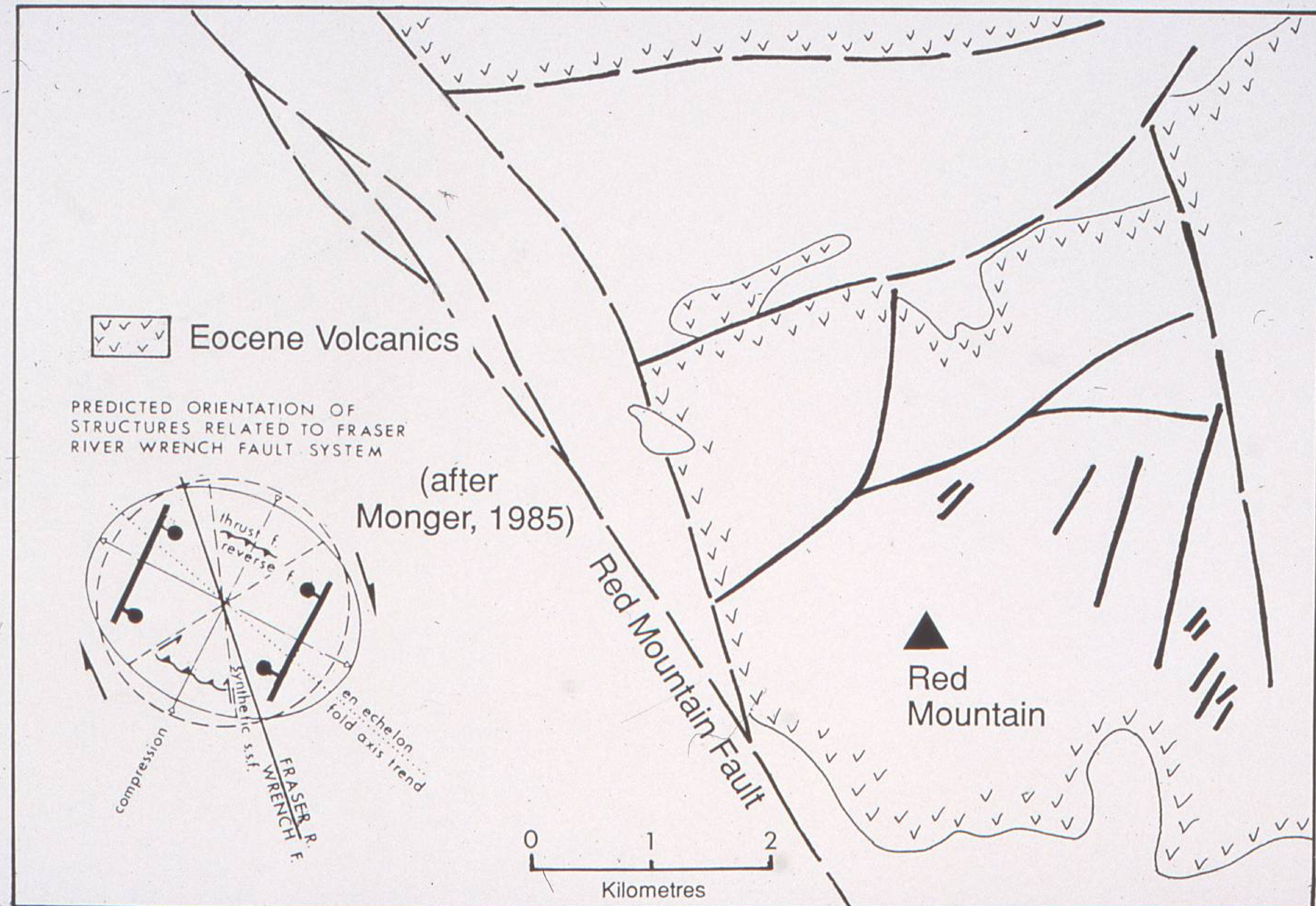
SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
JACKASS MOUNTAIN GROUP
RELAY MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP

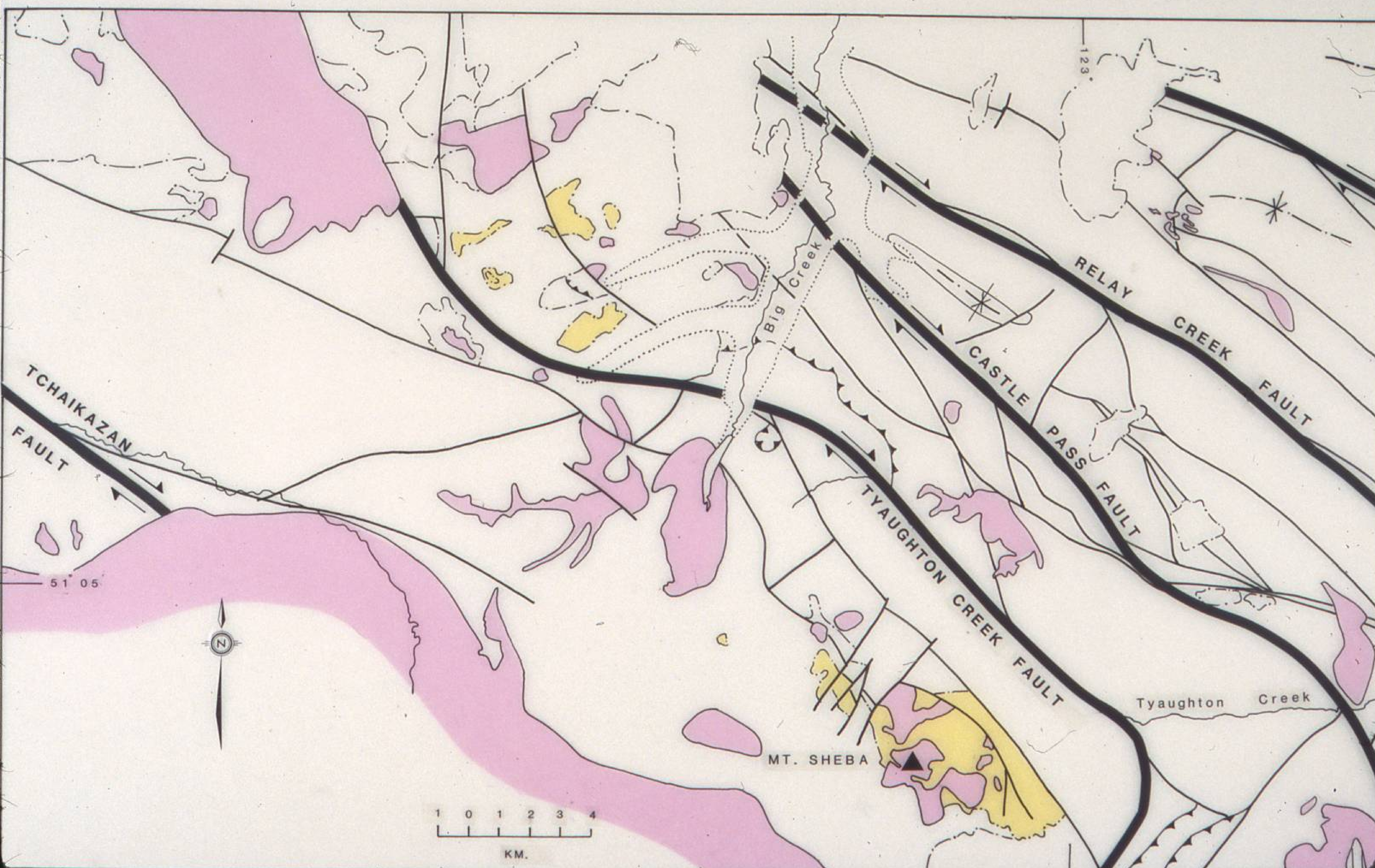

TCHAIKAZAN
FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
YALAKOM FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
RED MT
51 05
123
1 0 1 2 3 4
KM.



RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51 05
N
1 0 1 2 3 4
KM.


RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
N
KM.
51 05


Eocene Volcanics
PREDICTED ORIENTATION OF STRUCTURES RELATED TO FRASER RIVER WRENCH FAULT SYSTEM
(after Monger, 1985)
thrust f.
reverse f.
synthetic s.s.f
compression
FRASER R. WRENCH F.
en echelon fold axis trend
Red Mountain Fault
Red Mountain
0 1 2
Kilometres



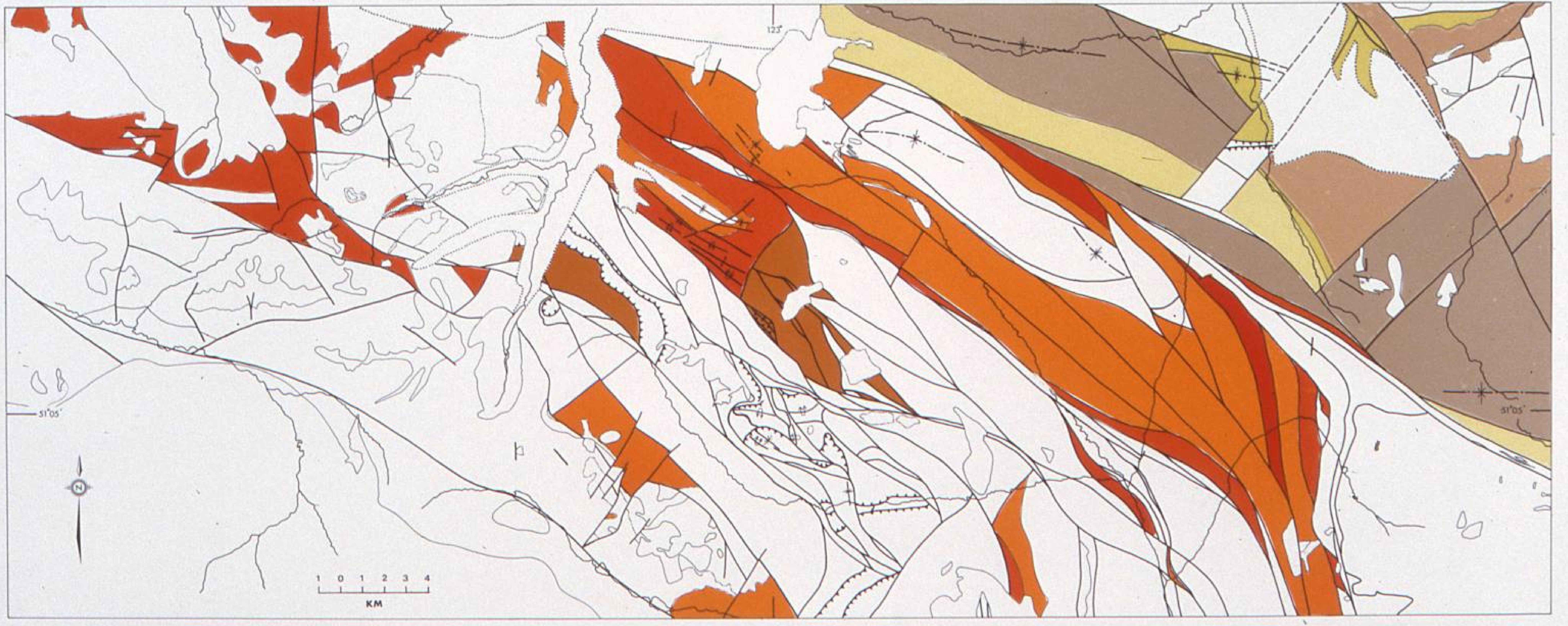
123
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51 05
N
1 0 1 2 3 4
KM.

123°
RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Tyaughton Creek
EBA


123°
51°05′

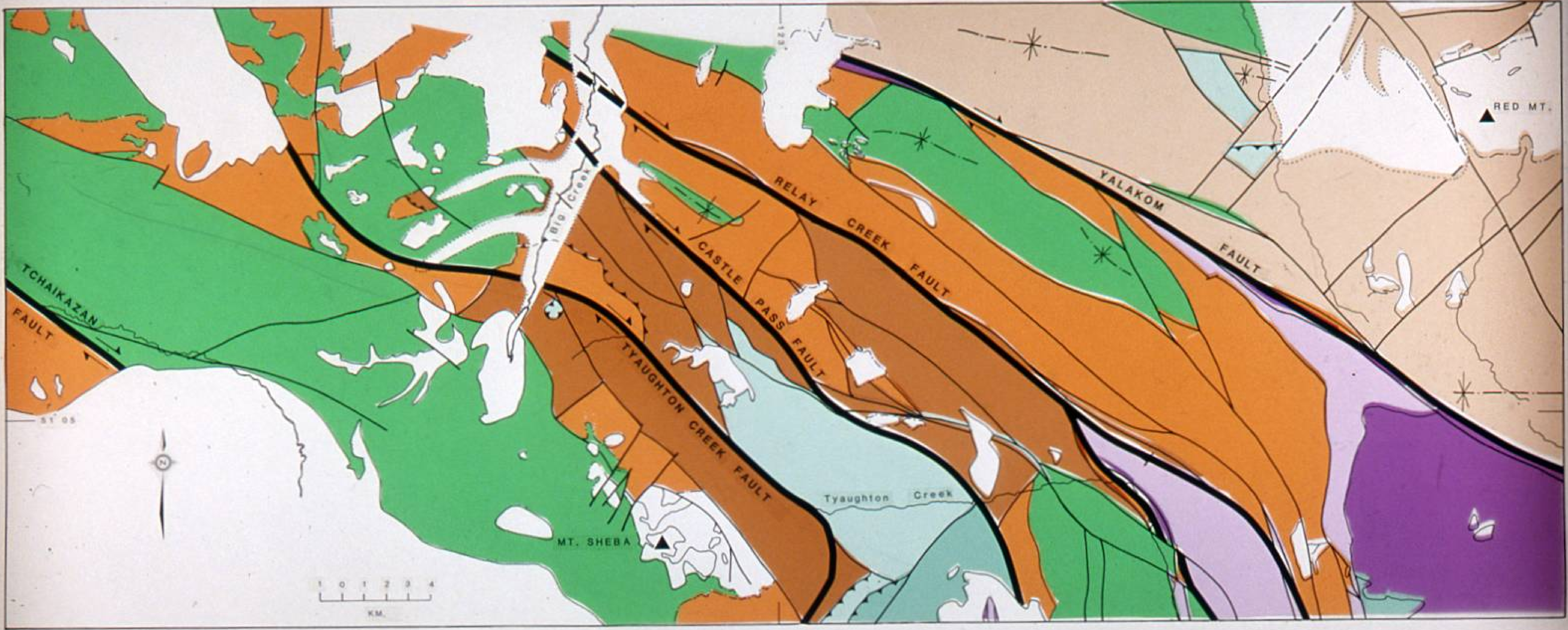

1 0 1 2 3 4
KM

123°
51°05′
N
1 0 1 2 3 4
KM

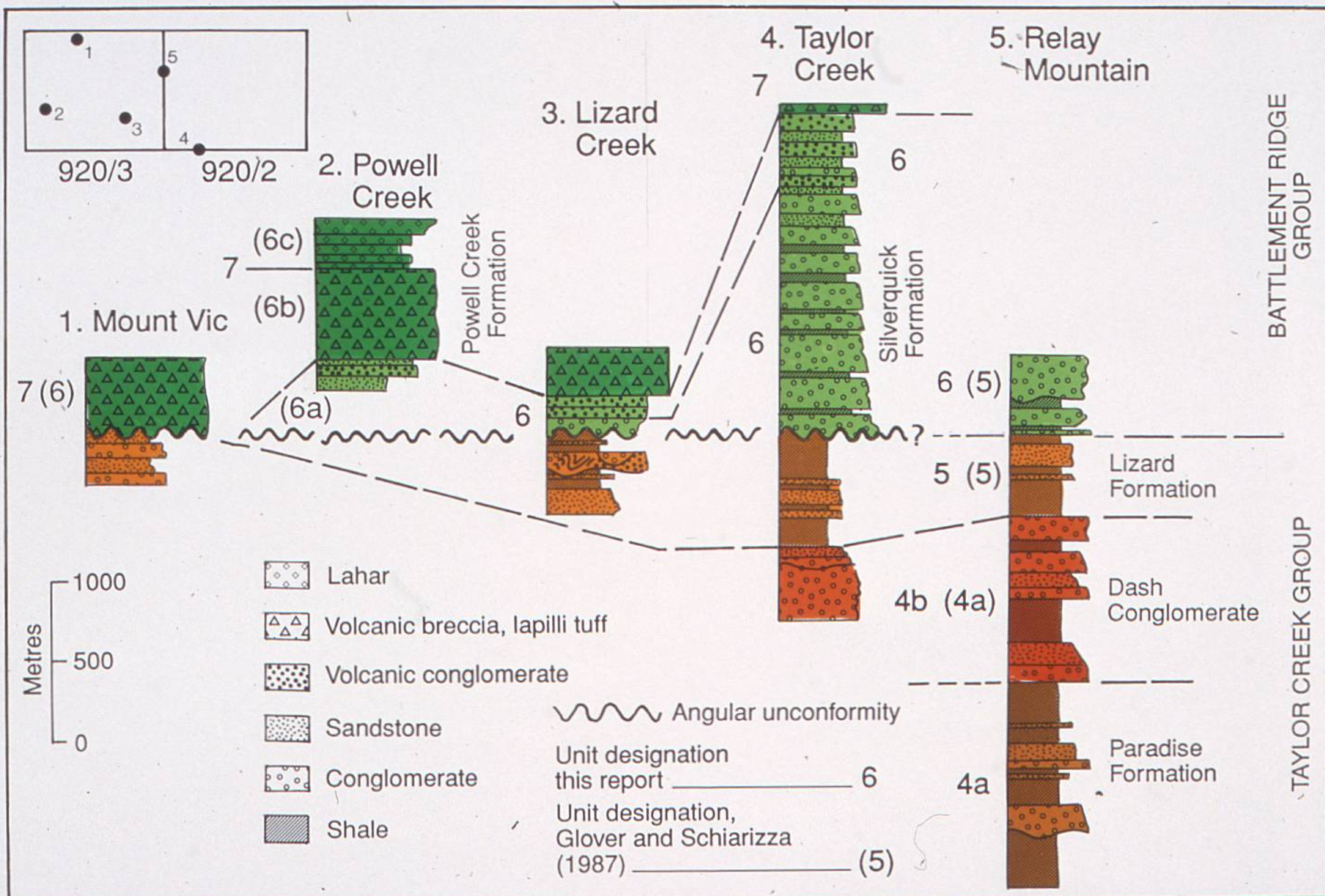

123°
51°05'
51°05'
N
1 0 1 2 3 4
KM

123°
51°05′

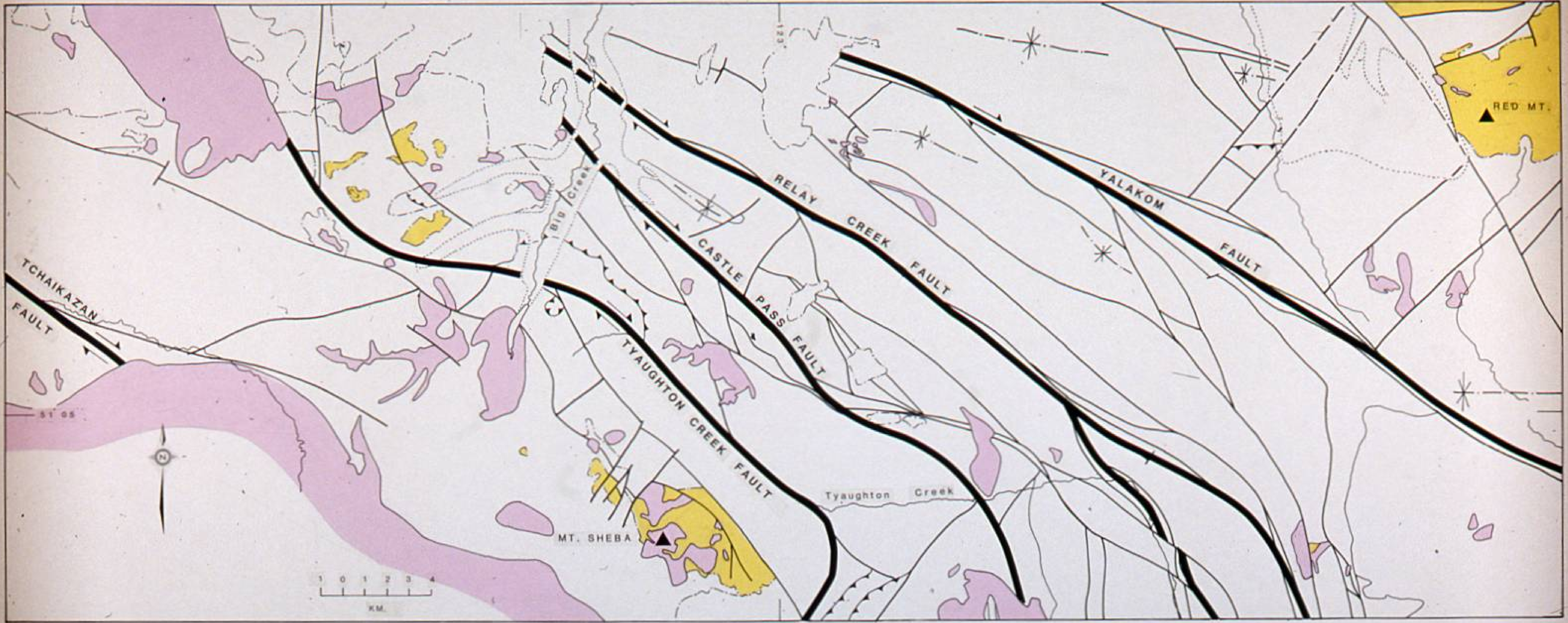
RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
Big Creek
TCHAIKAZAN FAULT
TYAUGHTON CREEK FAULT
Tyaughton Creek
MT. SHEBA
51 05
N
1 0 1 2 3 4
KM.

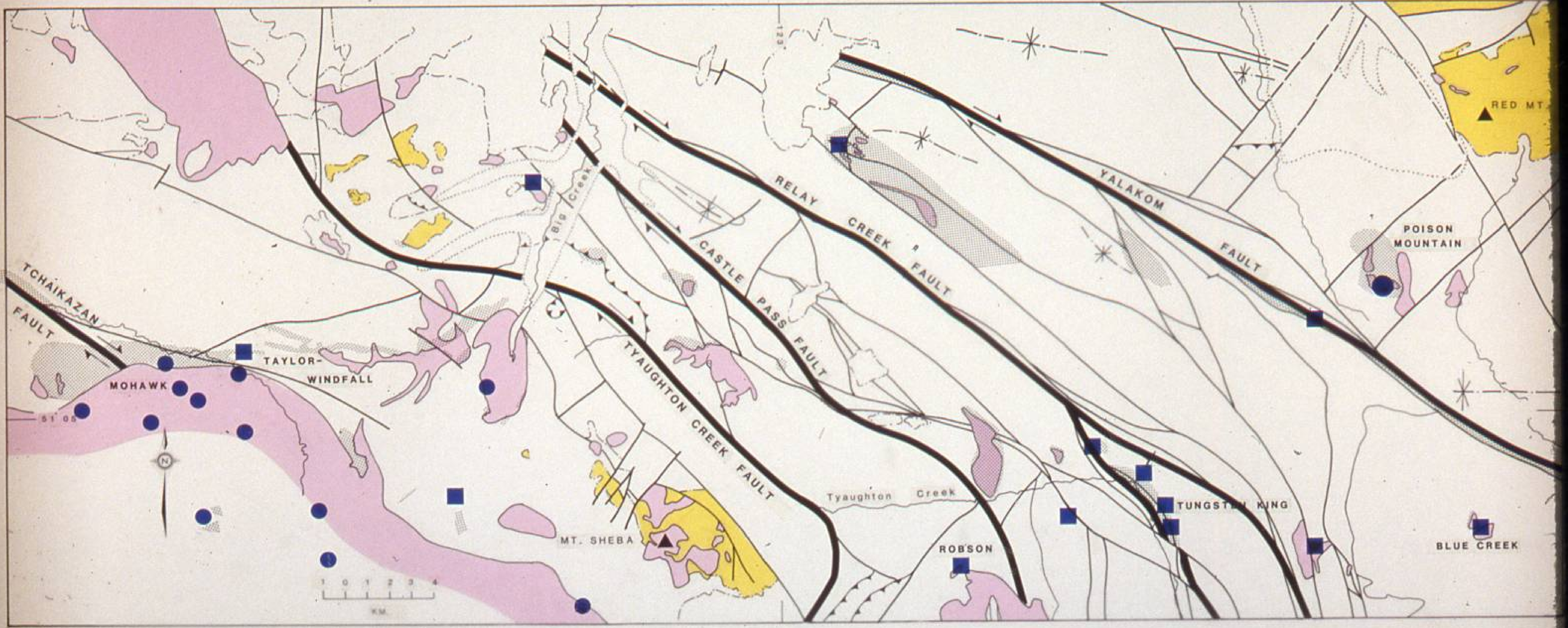


RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
N
KM.
1 0 1 2 3 4
51 05
123

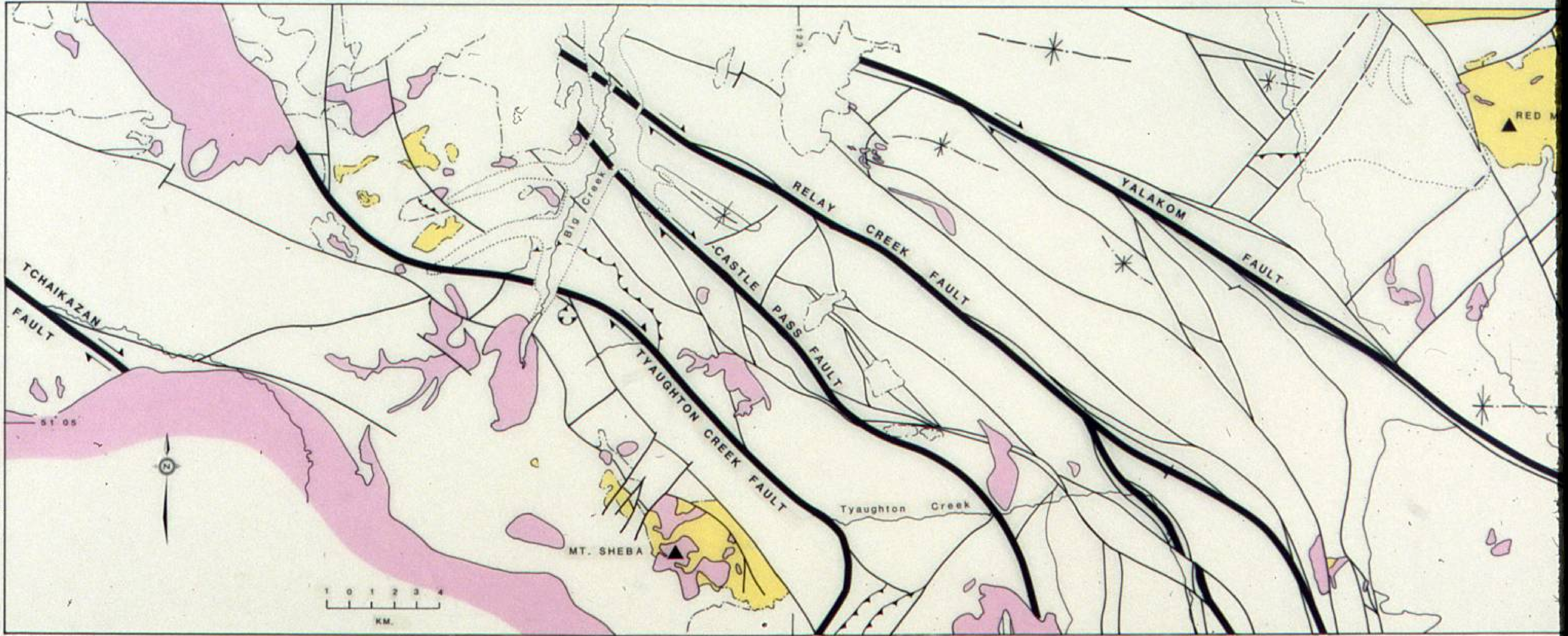


920/3
920/2
1. Mount Vic
2. Powell Creek
3. Lizard Creek
4. Taylor Creek
5. Relay Mountain
7 (6)
(6c)
7
(6b)
(6a)
6
6
7
6
6 (5)
5 (5)
4b (4a)
4a
Powell Creek Formation
Silverquick Formation
Lizard Formation
Dash Conglomerate
Paradise Formation
BATTLEMENT RIDGE GROUP
TAYLOR CREEK GROUP
Metres
1000
500
0
Lahar
Volcanic breccia, lapilli tuff
Volcanic conglomerate
Sandstone
Conglomerate
Shale
Angular unconformity
Unit designation this report 6
Unit designation, Glover and Schiarizza (1987) (5)

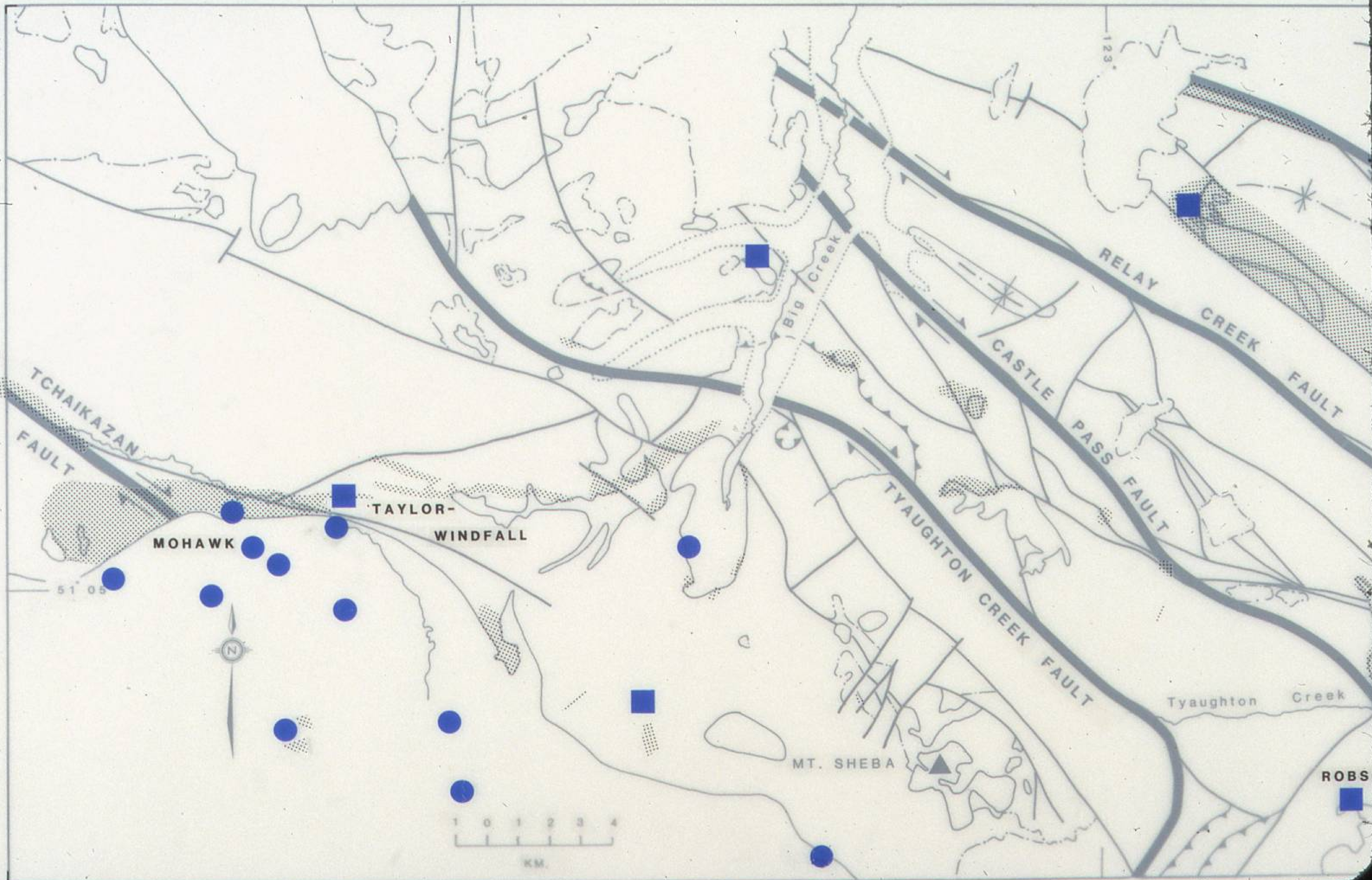

RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51 05
N
1 0 1 2 3 4
KM.



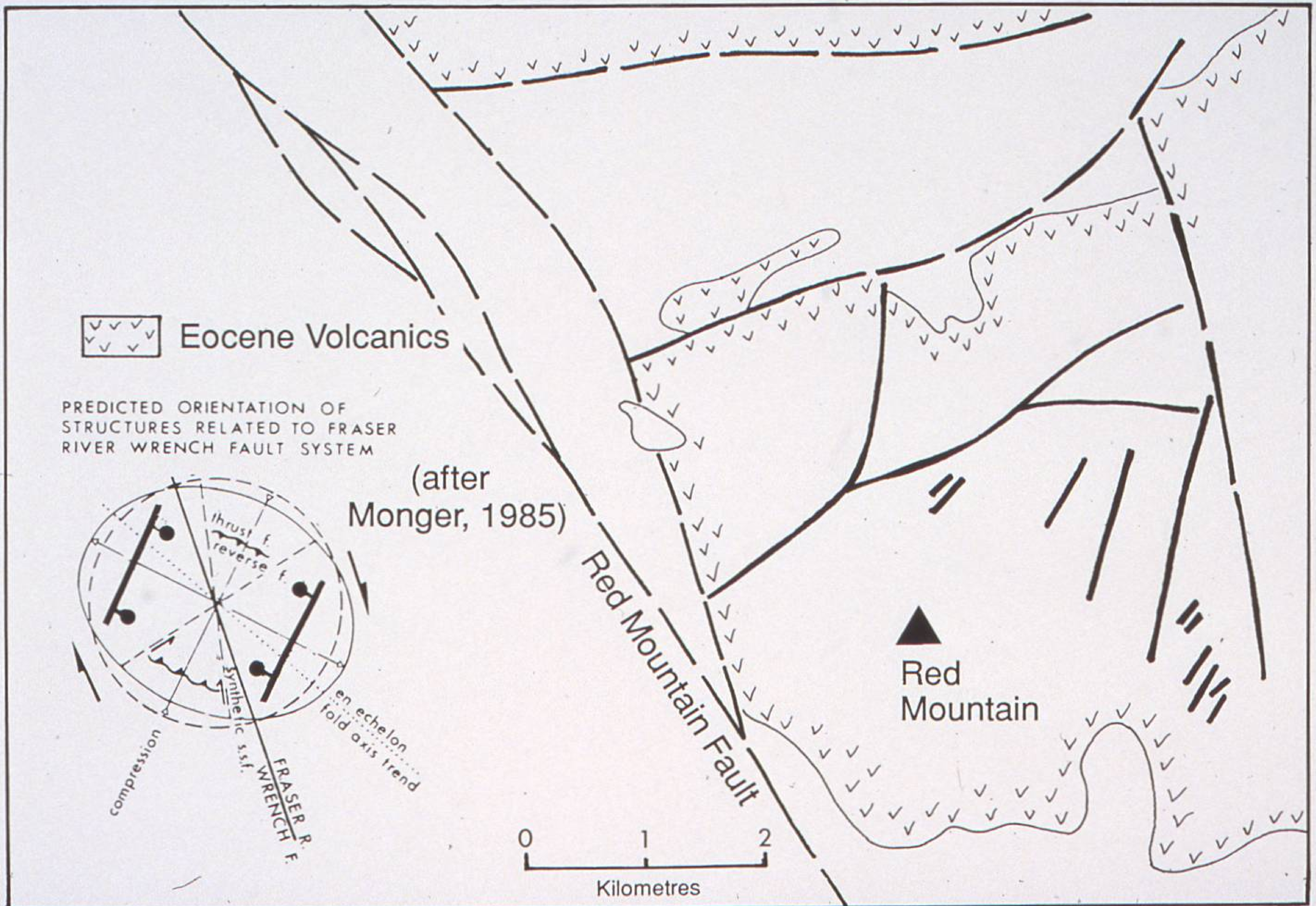
RED MT
RELAY CREEK FAULT
YALAKOM FAULT
POISON MOUNTAIN
Big Creek
CASTLE PASS FAULT
TCHAIKAZAN FAULT
TAYLOR-WINDFALL
MOHAWK
TYAUGHTON CREEK FAULT
Tyaughton Creek
TUNGSTEN KING
MT. SHEBA
ROBSON
BLUE CREEK
KM



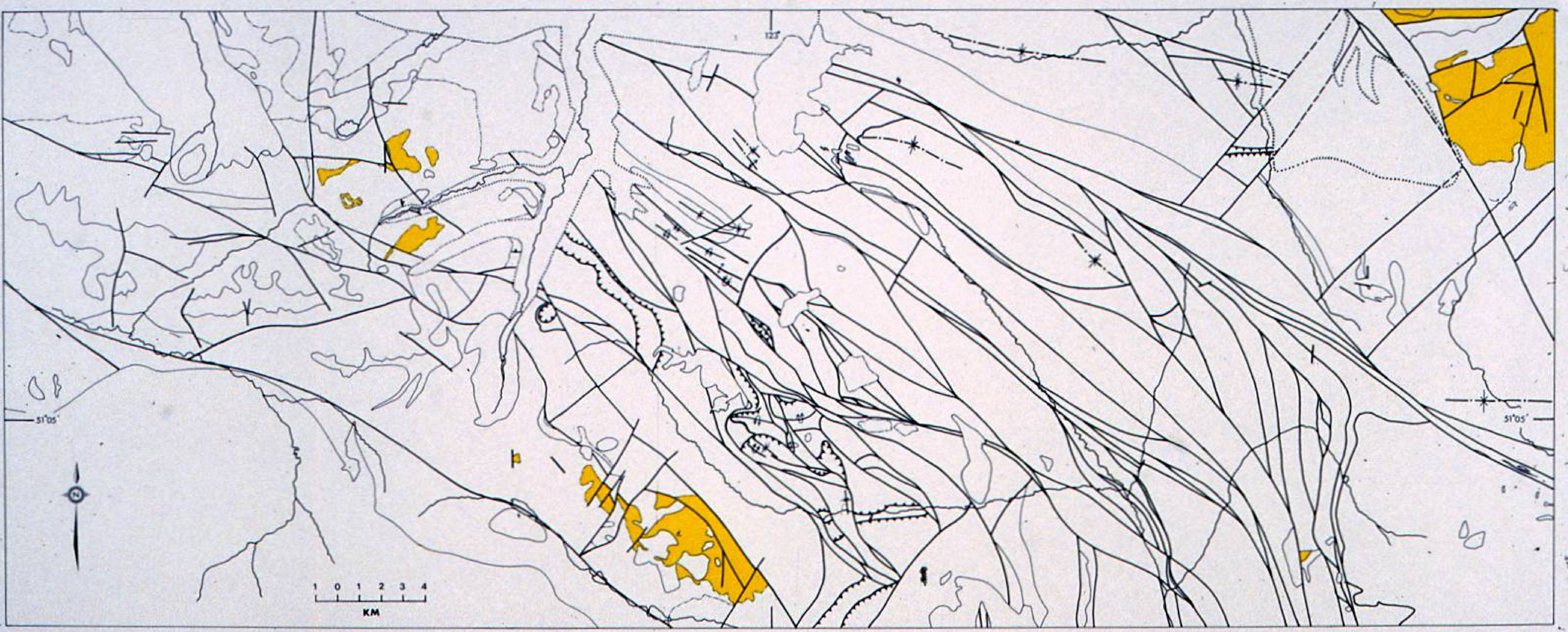
TCHAIKAZAN FAULT
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
RED M
51 05
N
1 0 1 2 3 4
KM.



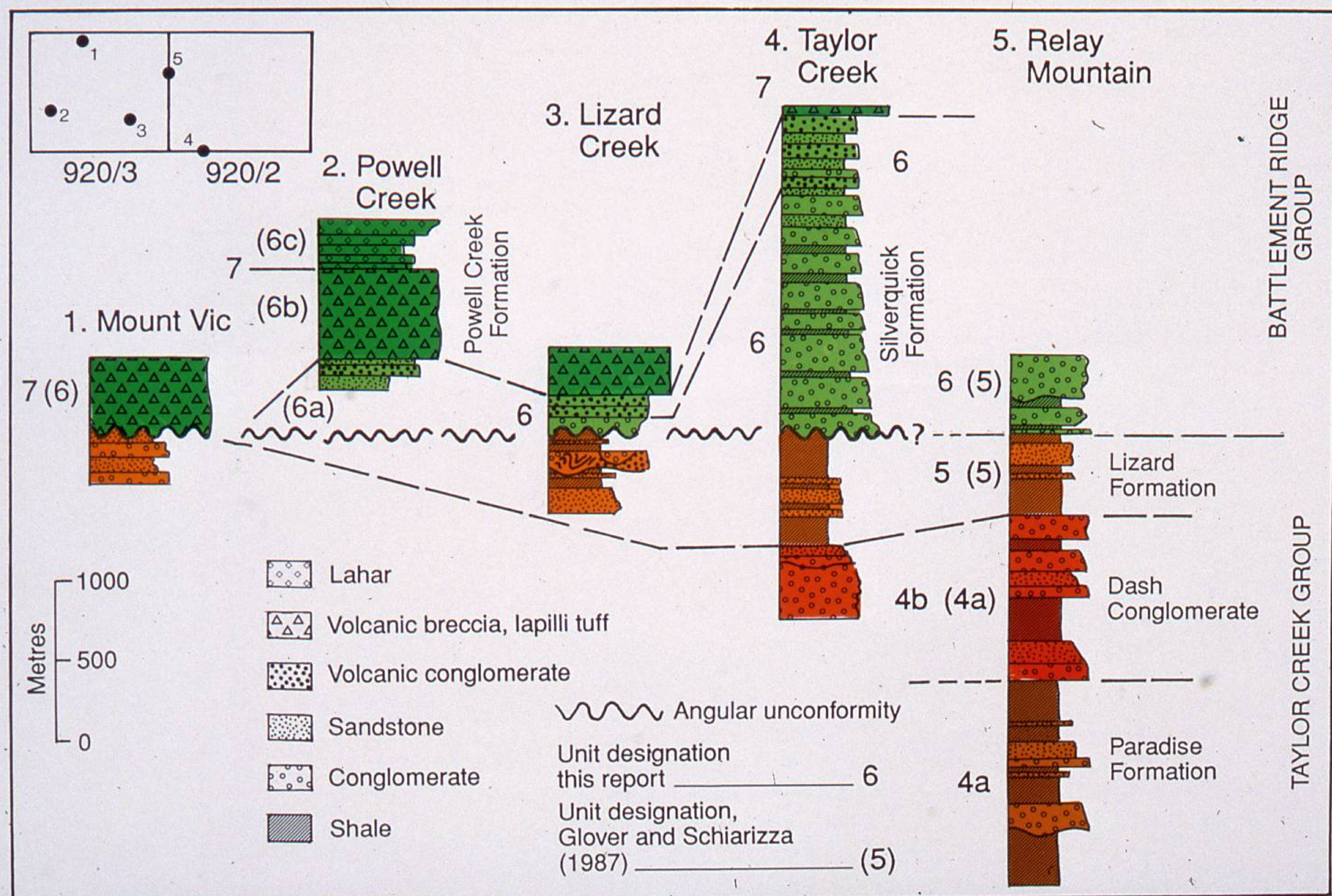
123
RELAY CREEK FAULT
Big Creek
CASTLE PASS FAULT
TCHAIKAZAN FAULT
TAYLOR-WINDFALL
MOHAWK
51 05
TYAUGHTON CREEK FAULT
Tyaughton Creek
MT. SHEBA
ROBS
N
1 0 1 2 3 4
KM.



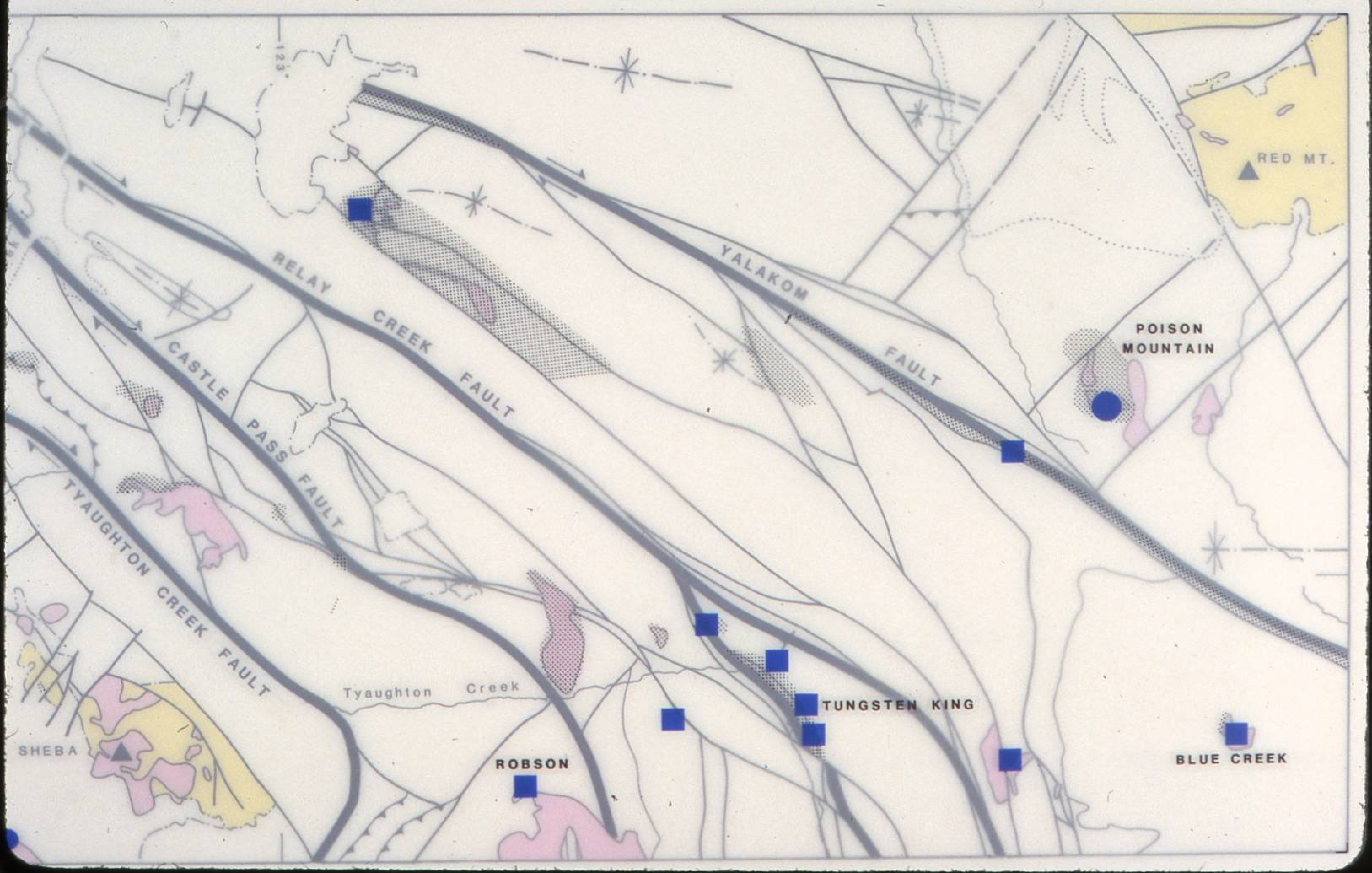
Eocene Volcanics
PREDICTED ORIENTATION OF
STRUCTURES RELATED TO FRASER
RIVER WRENCH FAULT SYSTEM
thrust f.
reverse f.
synthetic s.s.f.
en echelon
fold axis trend
compression
FRASER R.
WRENCH F.
(after
Monger, 1985)
Red Mountain Fault
Red
Mountain
0
1
2
Kilometres

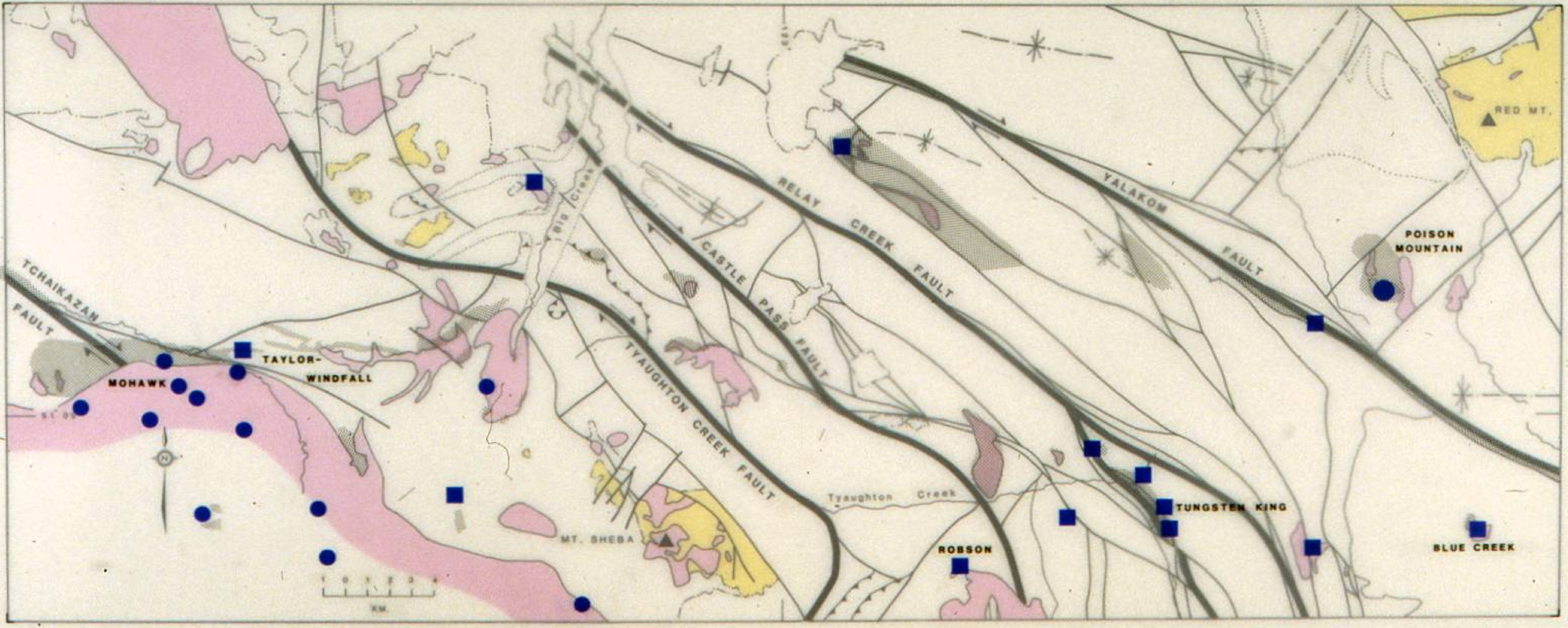


122°
51°05'
51°05'
1 0 1 2 3 4
KM
N

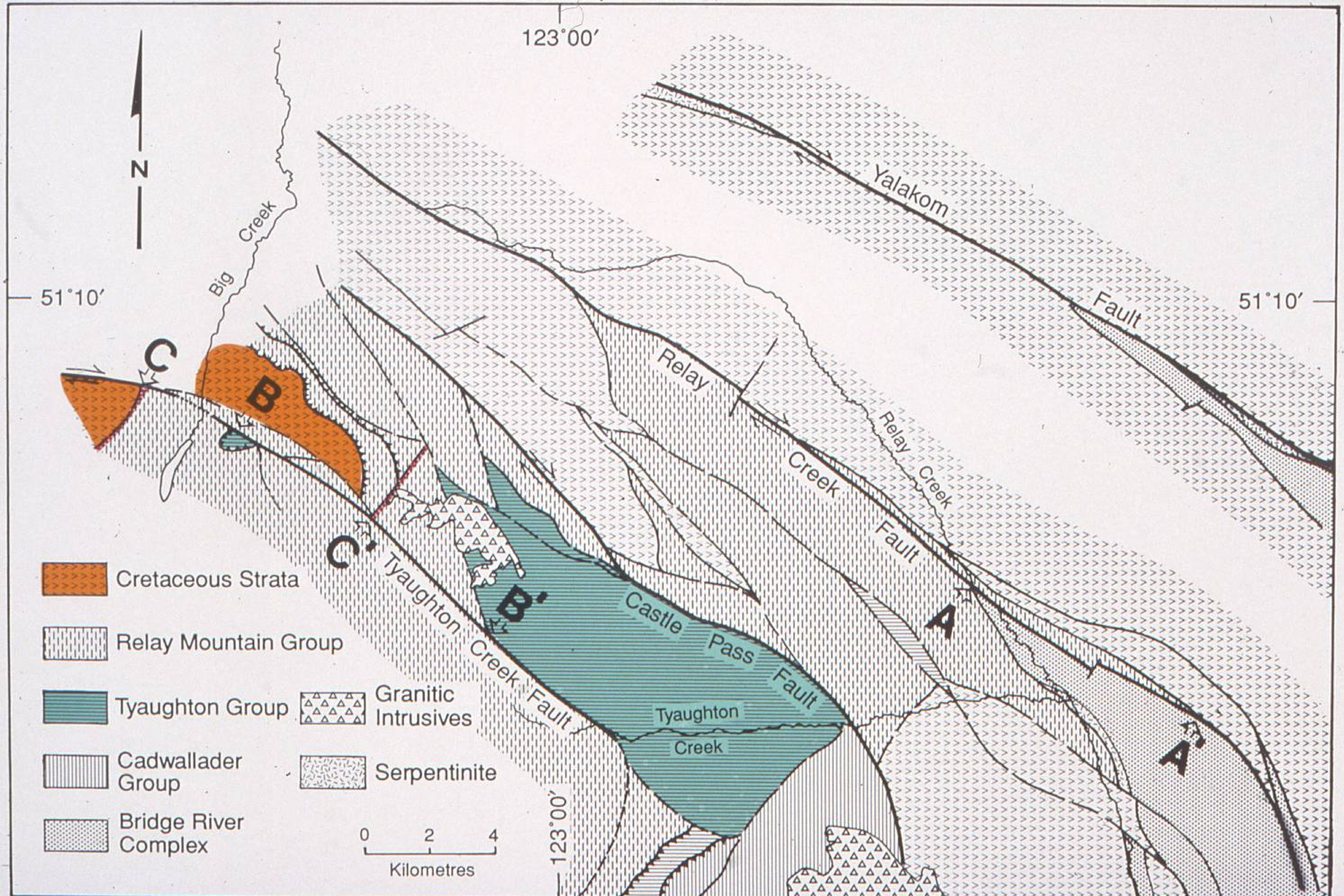


1
2
3
4
5
920/3
920/2
1. Mount Vic
7 (6)
2. Powell Creek
(6c)
7
(6b)
(6a)
Powell Creek Formation
3. Lizard Creek
6
4. Taylor Creek
7
6
6
Silverquick Formation
?
5. Relay Mountain
BATTLEMENT RIDGE GROUP
6 (5)
5 (5)
Lizard Formation
4b (4a)
Dash Conglomerate
4a
Paradise Formation
TAYLOR CREEK GROUP
Metres
1000
500
0
Lahar
Volcanic breccia, lapilli tuff
Volcanic conglomerate
Sandstone
Conglomerate
Shale
Angular unconformity
Unit designation this report 6
Unit designation, Glover and Schiarizza (1987) (5)

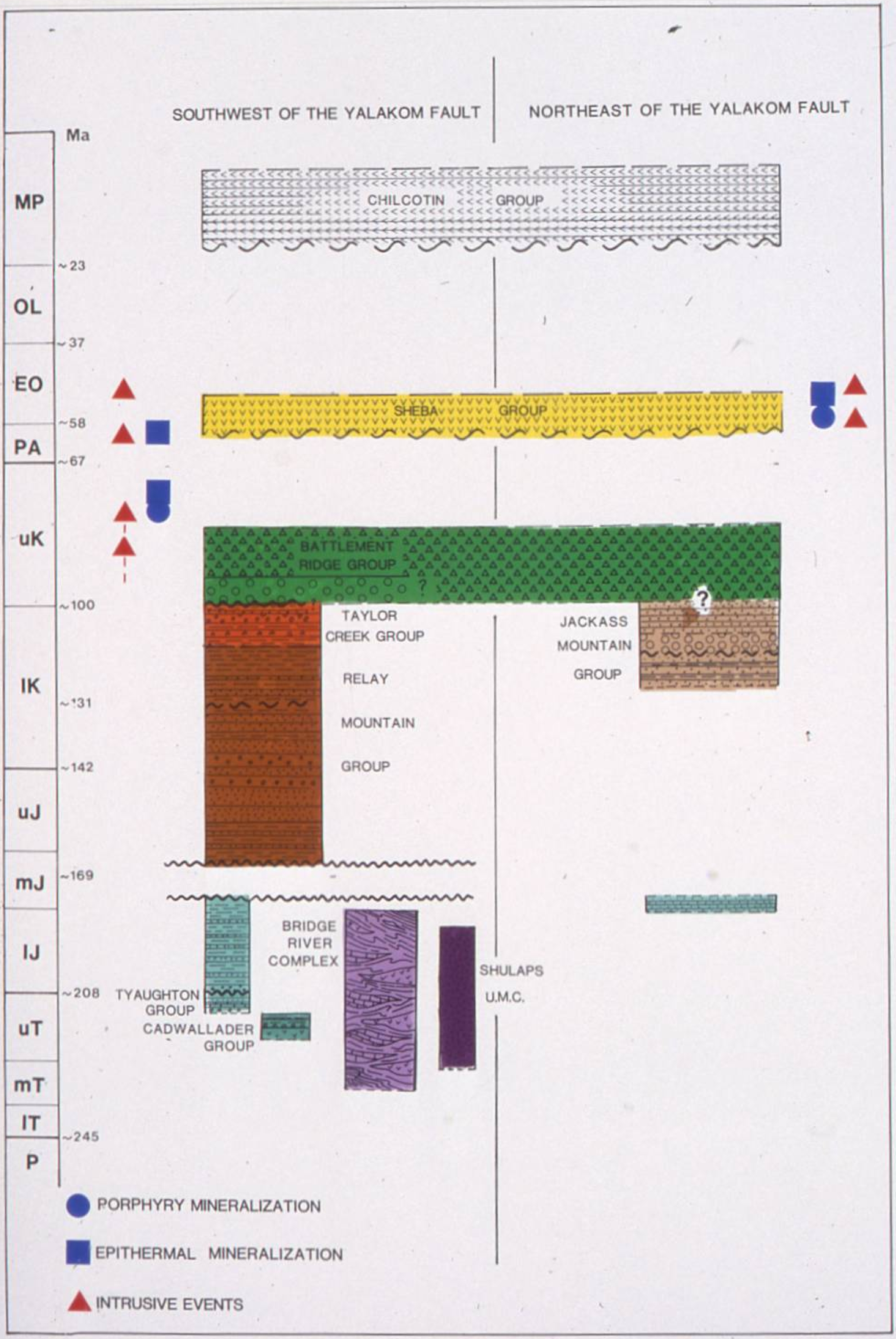

RED MT.
123
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
POISON MOUNTAIN
Tyaughton Creek
TUNGSTEN KING
BLUE CREEK
ROBSON
SHEBA



TCHAIKAZAN FAULT
MOHAWK
TAYLOR-WINDFALL
Big Creek
TYAUGHTON CREEK FAULT
CASTLE PASS FAULT
RELAY CREEK FAULT
YALAKOM FAULT
RED MT.
POISON MOUNTAIN
Tyaughton Creek
TUNGSTEN KING
BLUE CREEK
ROBSON
MT. SHEBA
1 0 1 2 3 4
KM

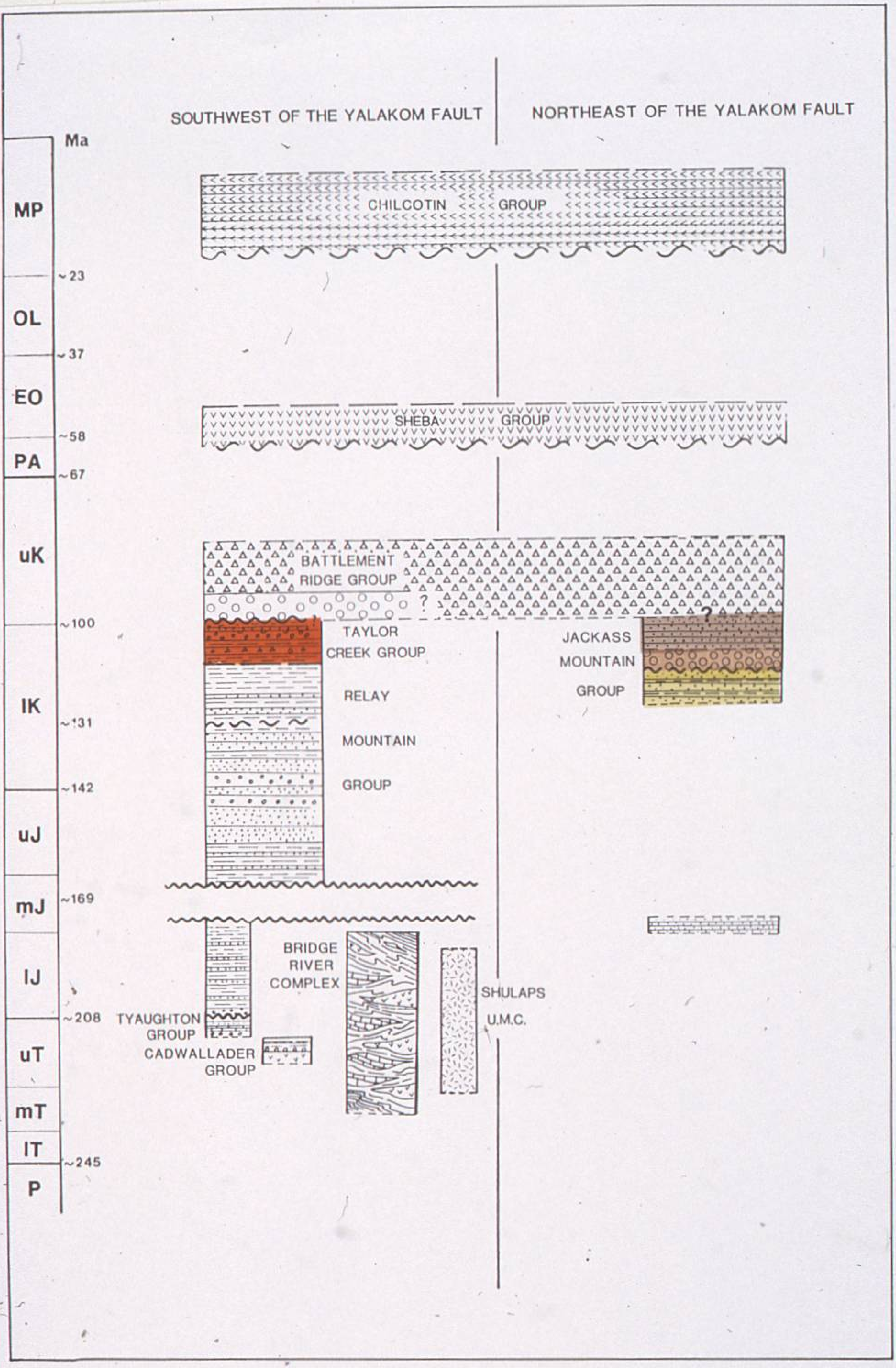


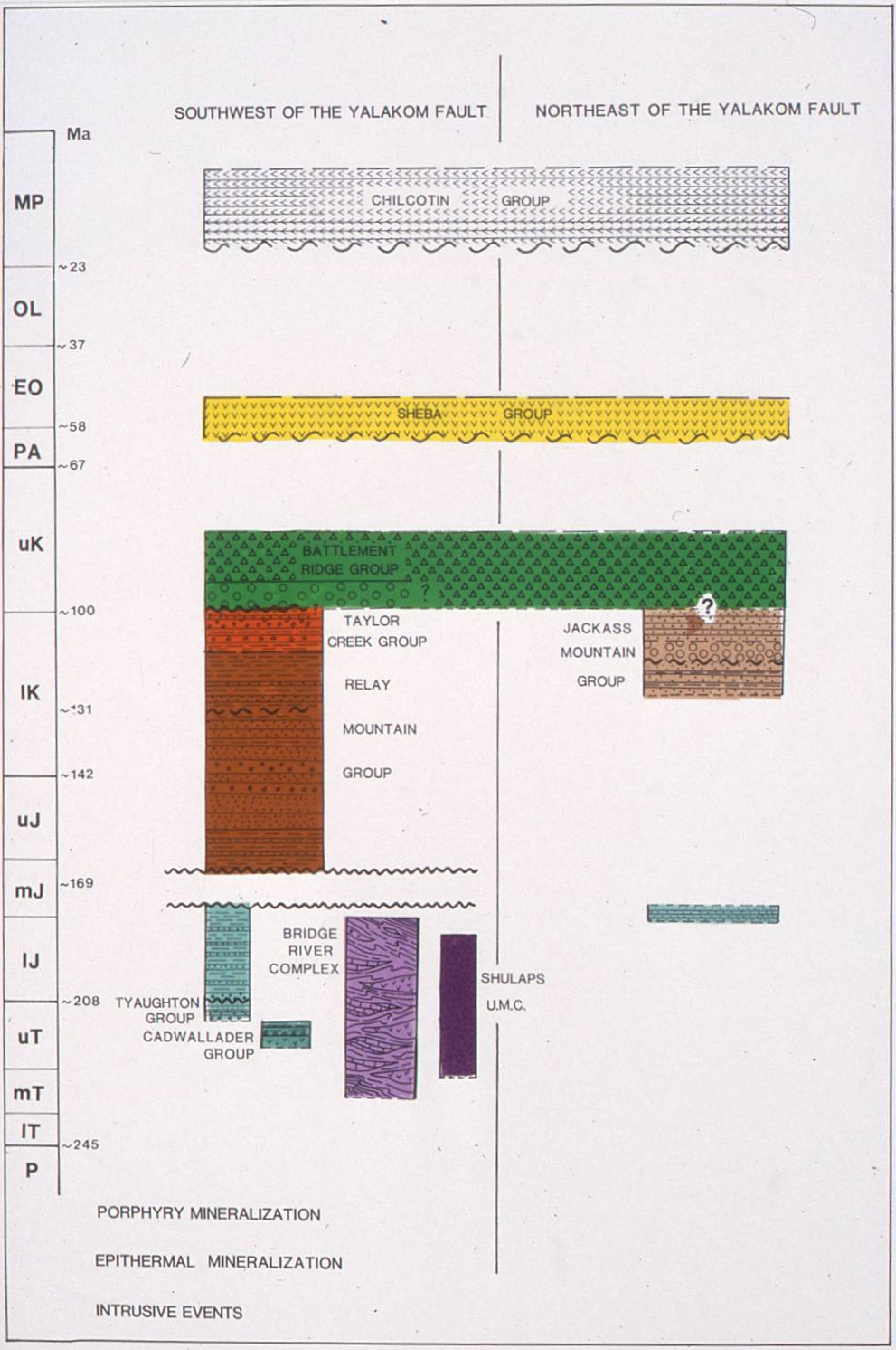
123°00′
N
51°10′
51°10′
Big Creek
Yalakom Fault
Relay Creek Fault
Relay Creek
Castle Pass Fault
Tyaughton Creek Fault
Tyaughton Creek
A
A′
B
B′
C
C′
Cretaceous Strata
Relay Mountain Group
Tyaughton Group
Granitic Intrusives
Cadwallader Group
Serpentinite
Bridge River Complex
0 2 4
Kilometres
123°00′



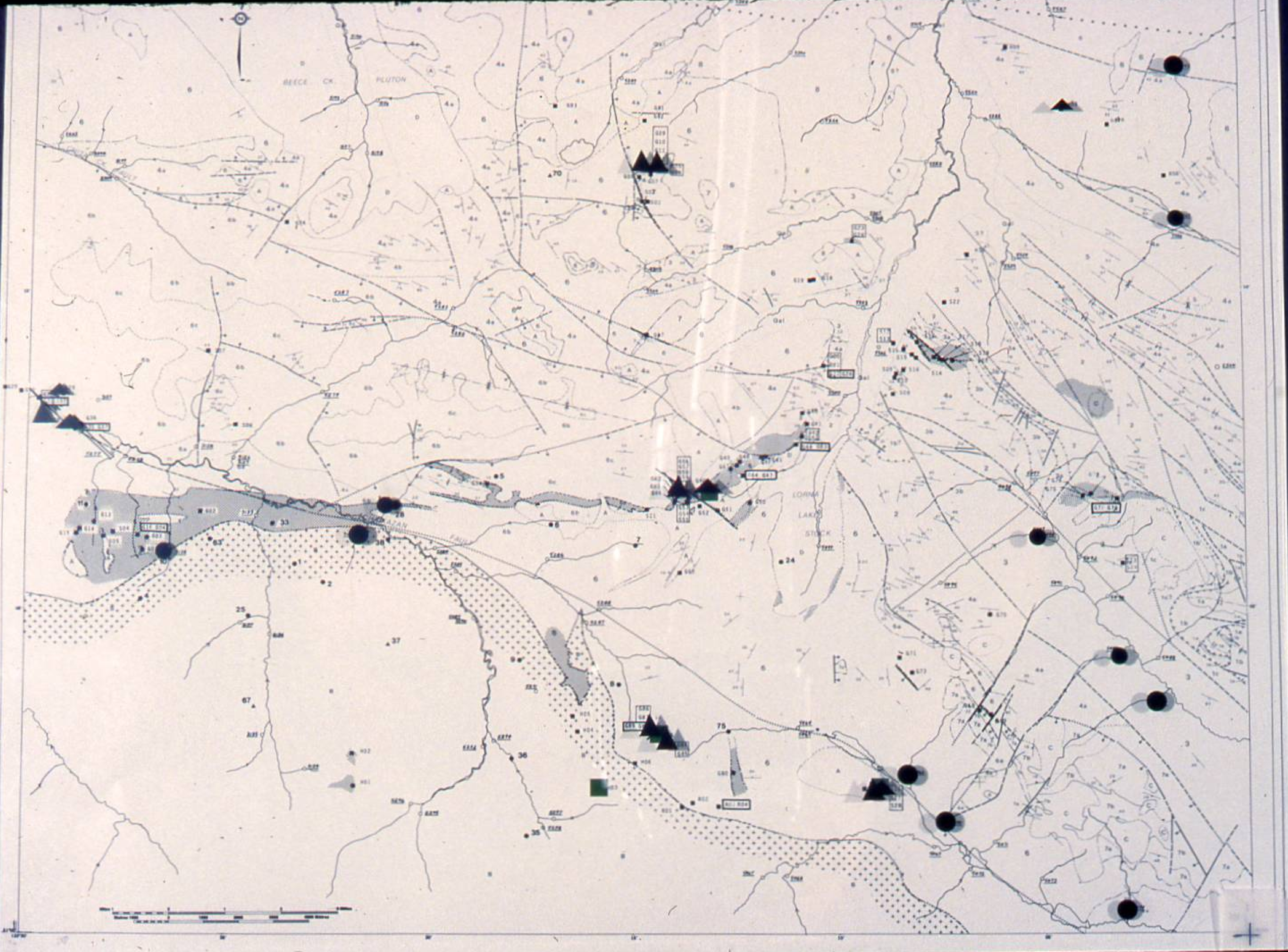
SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
IK
~131
~142
uJ
mJ
~169
IJ
~208
uT
mT
IT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP
PORPHYRY MINERALIZATION
EPITHERMAL MINERALIZATION
INTRUSIVE EVENTS

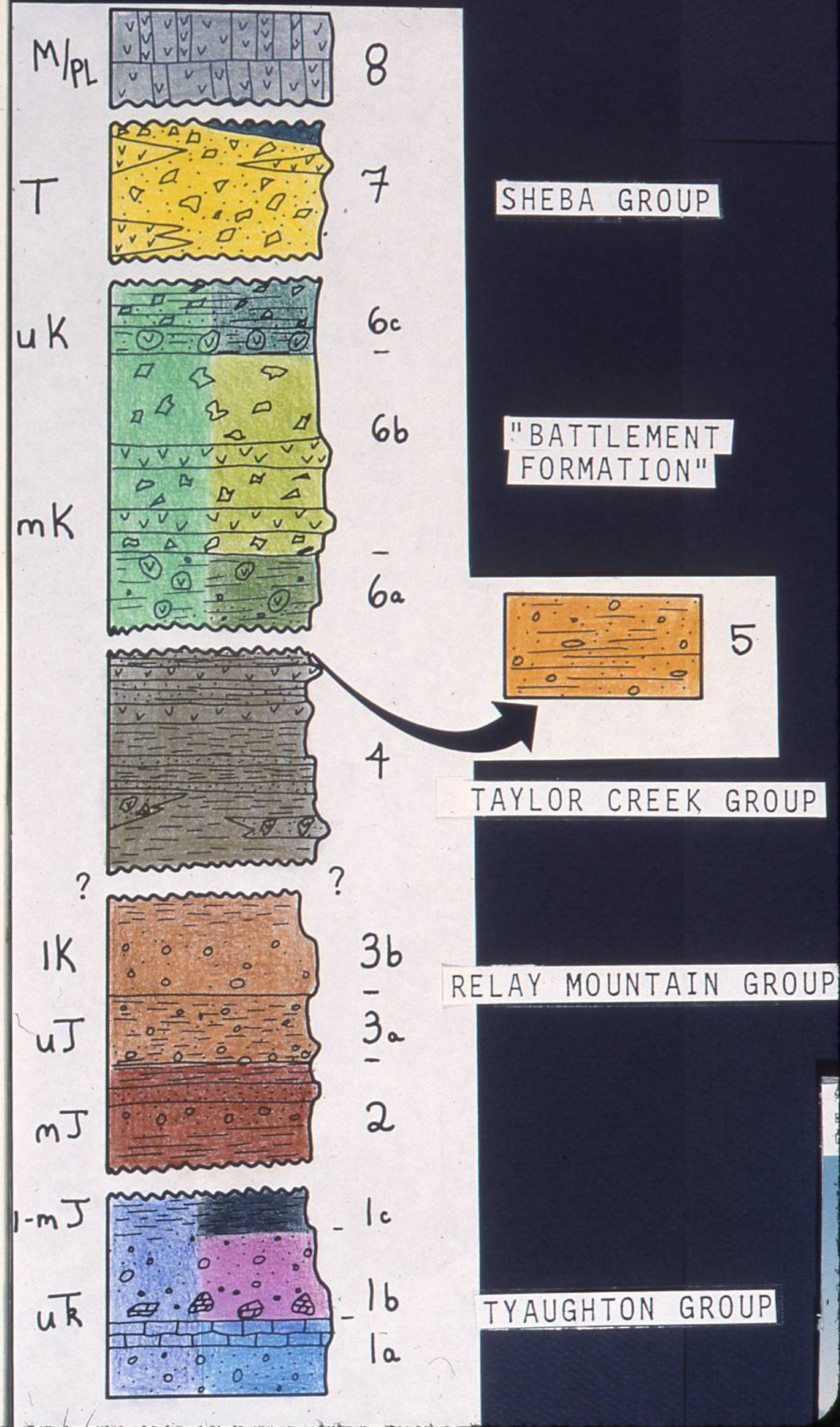

123°
51°05'

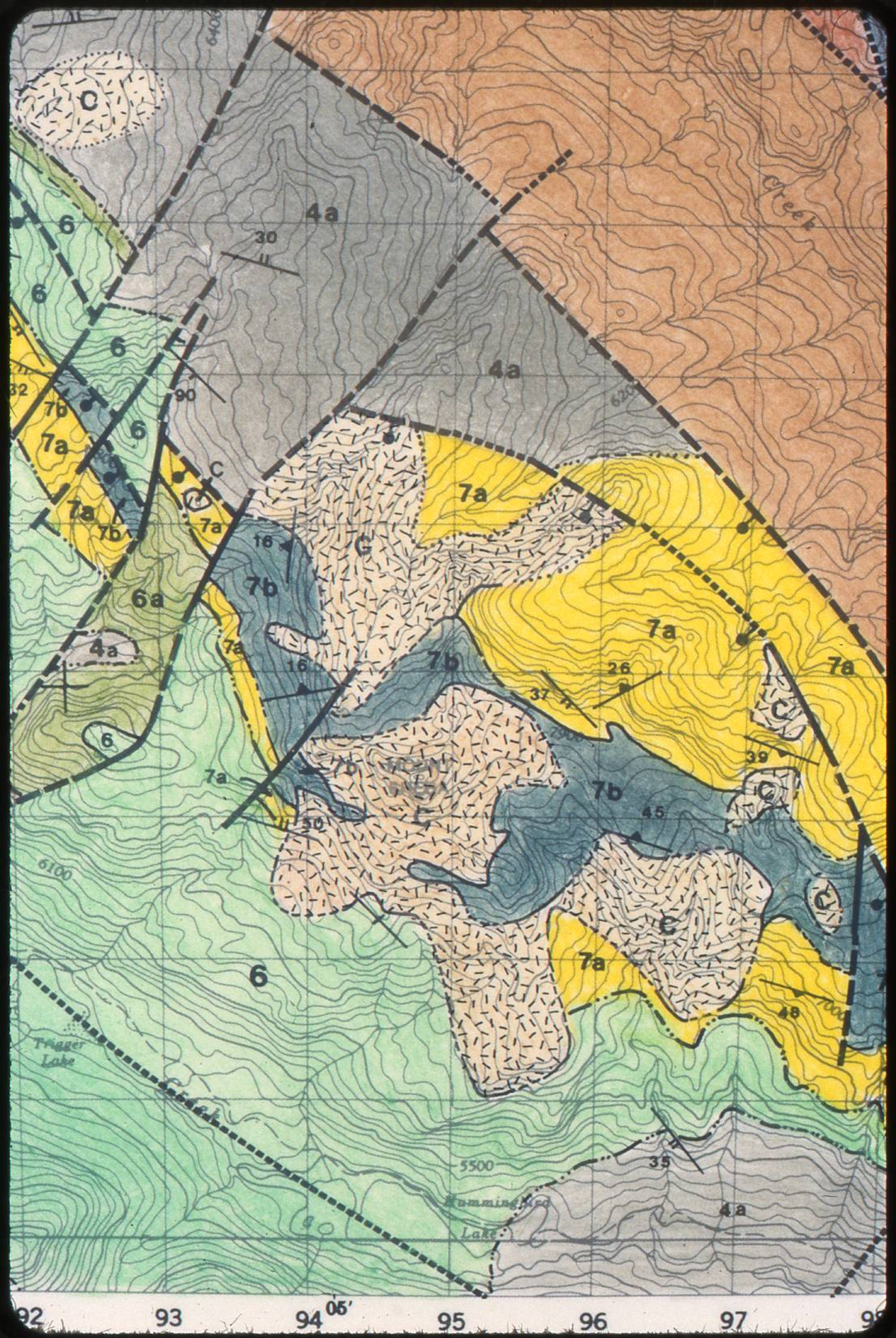

SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP



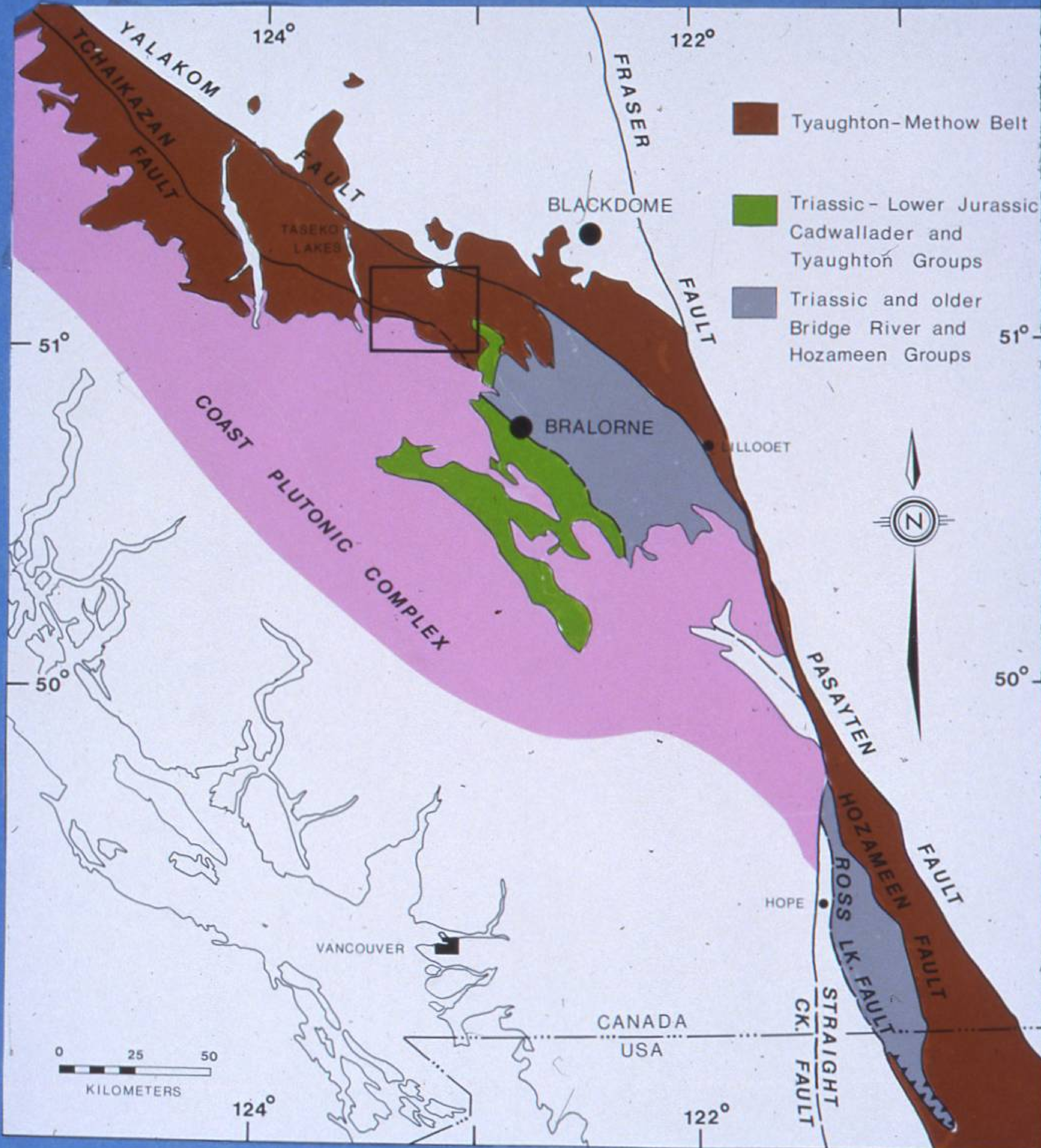
SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
?
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP
PORPHYRY MINERALIZATION
EPITHERMAL MINERALIZATION
INTRUSIVE EVENTS


PLUTON
LORNA
LAKE
STOCK

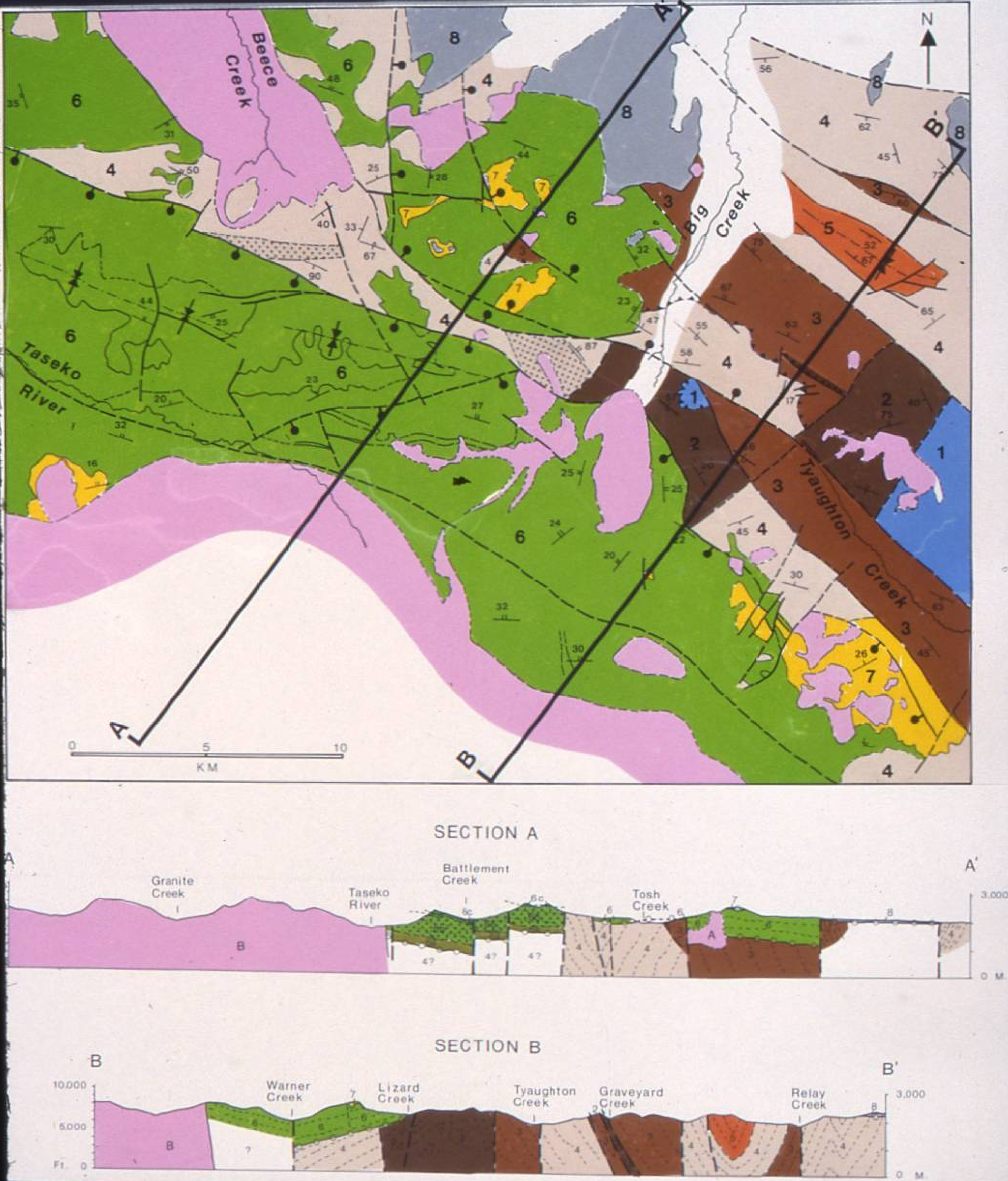

M/PL
8
T
7
SHEBA GROUP
uK
6c
6b
"BATTLEMENT FORMATION"
mK
6a
5
4
TAYLOR CREEK GROUP
?
?
lK
3b
RELAY MOUNTAIN GROUP
uJ
3a
mJ
2
l-mJ
1c
uTr
1b
TYAUGHTON GROUP
1a



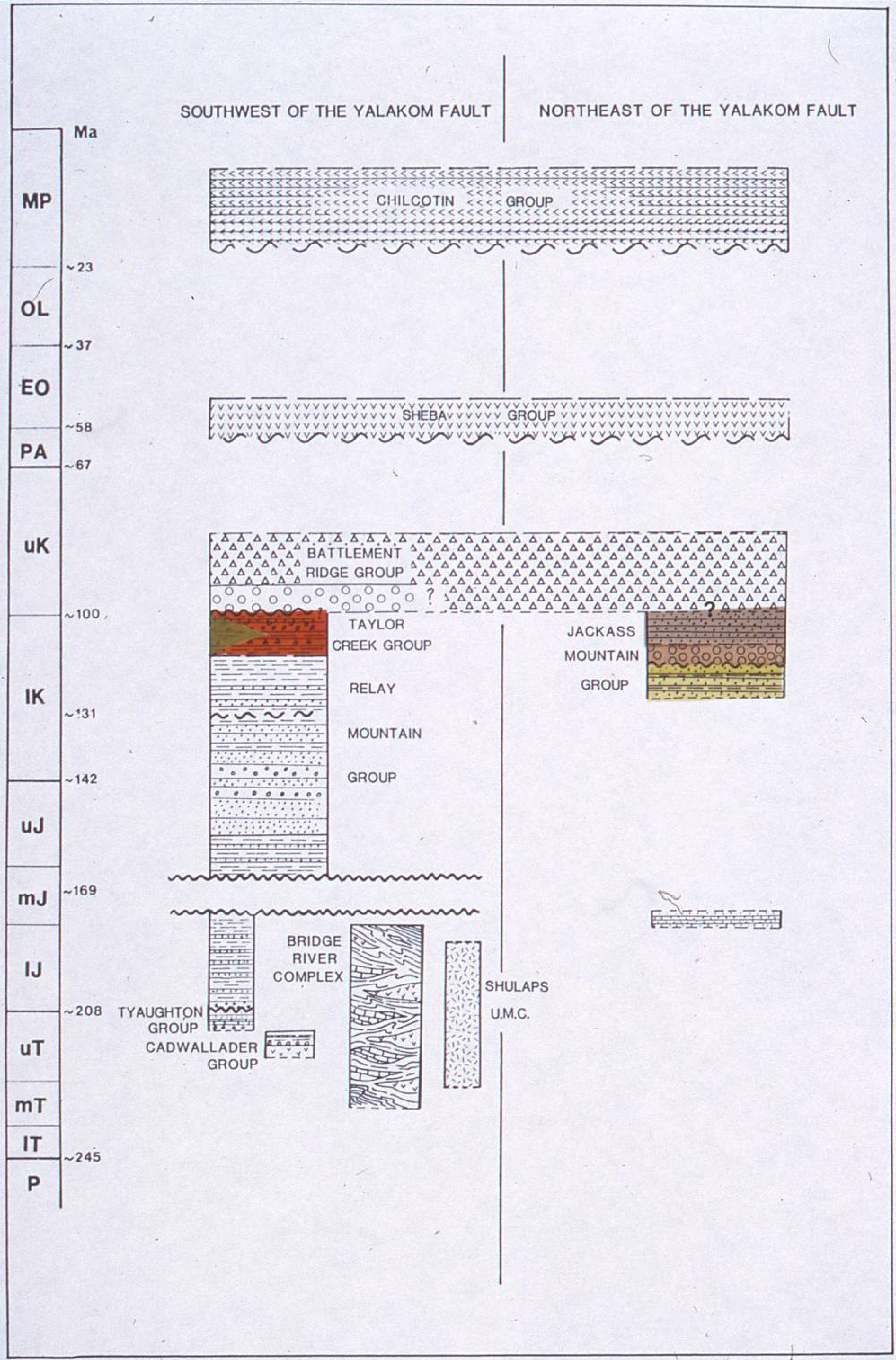
C
6
4a
30
6
6
4a
90
32
7b
6
7a
C
7a
7a
7b
7a
16
C
7b
6a
7a
7a
4a
16
7b
37
26
C
7a
39
6
7a
7b
7b
C
45
30
C
6100
C
7a
6
48
Trigger Lake
Creek
5500
Hummingbird Lake
35
4a
92
93
94
05'
95
96
97
98



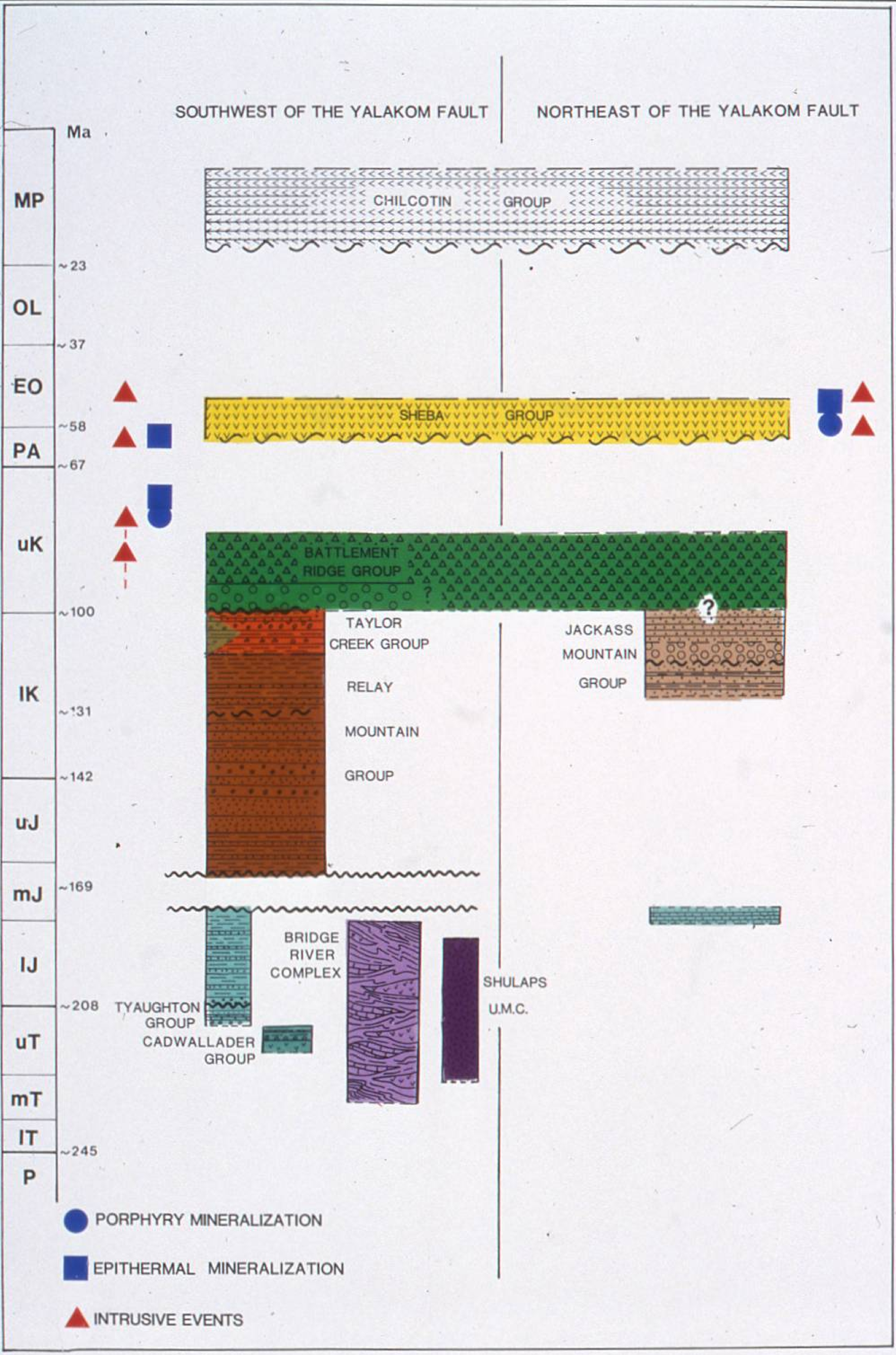
LOCATION MAP



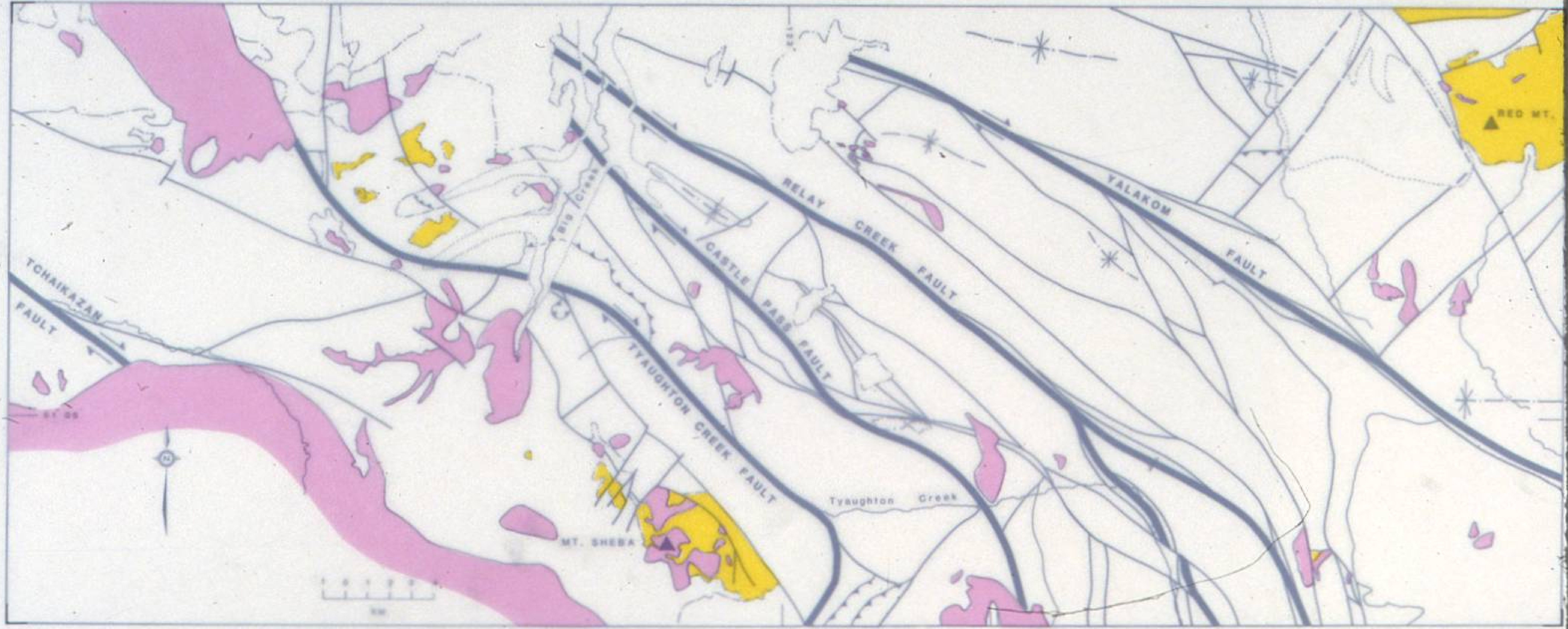
N
A'
B'
Beece Creek
Big Creek
Taseko River
Tyaughton Creek
A
B
0 5 10
KM
SECTION A
A
A'
Granite Creek
Taseko River
Battlement Creek
Tosh Creek
3,000
0 M.
SECTION B
B
B'
10,000
5,000
Ft. 0
Warner Creek
Lizard Creek
Tyaughton Creek
Graveyard Creek
Relay Creek
3,000
0 M.



SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
?
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP

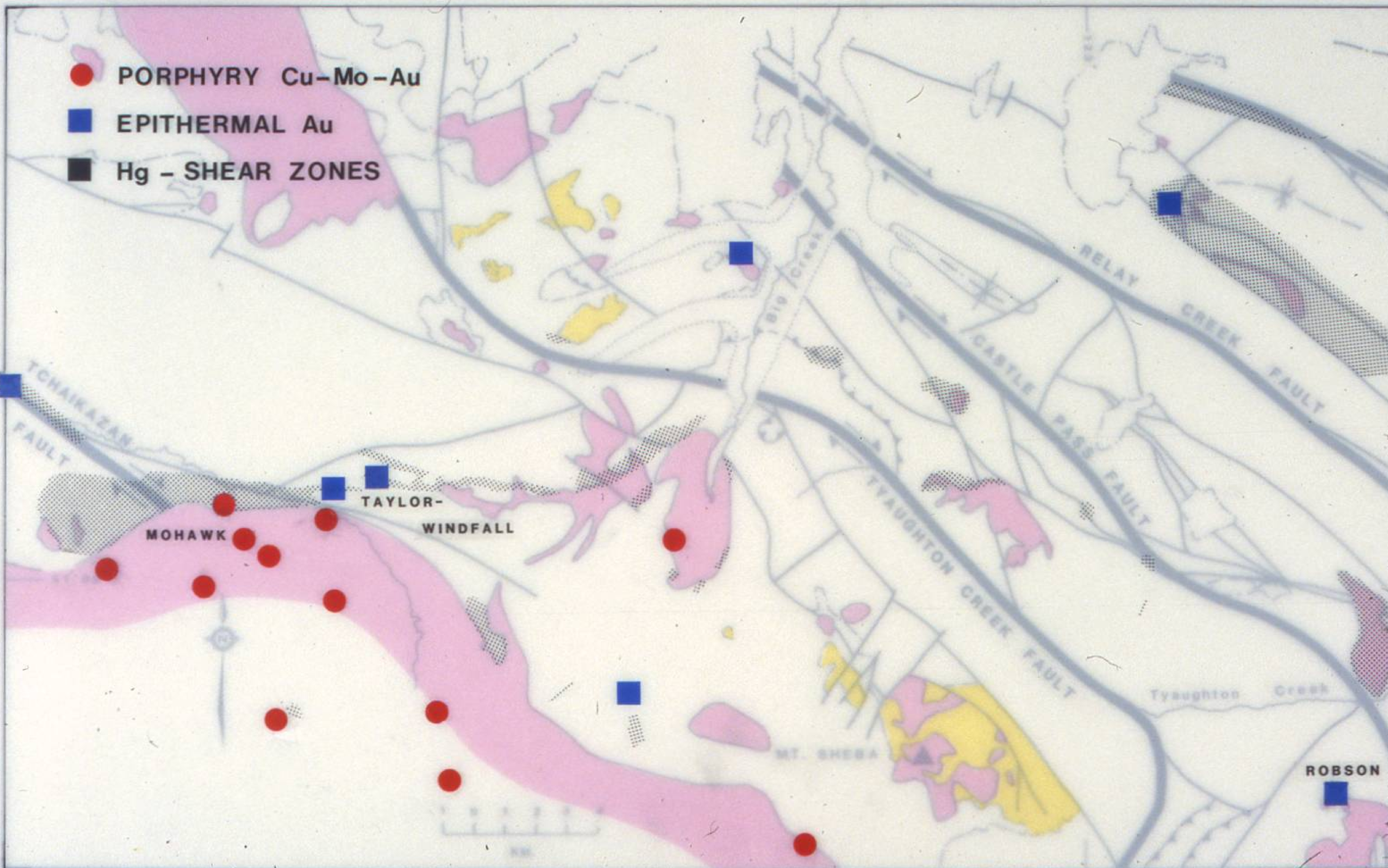

SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
?
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP
PORPHYRY MINERALIZATION
EPITHERMAL MINERALIZATION
INTRUSIVE EVENTS

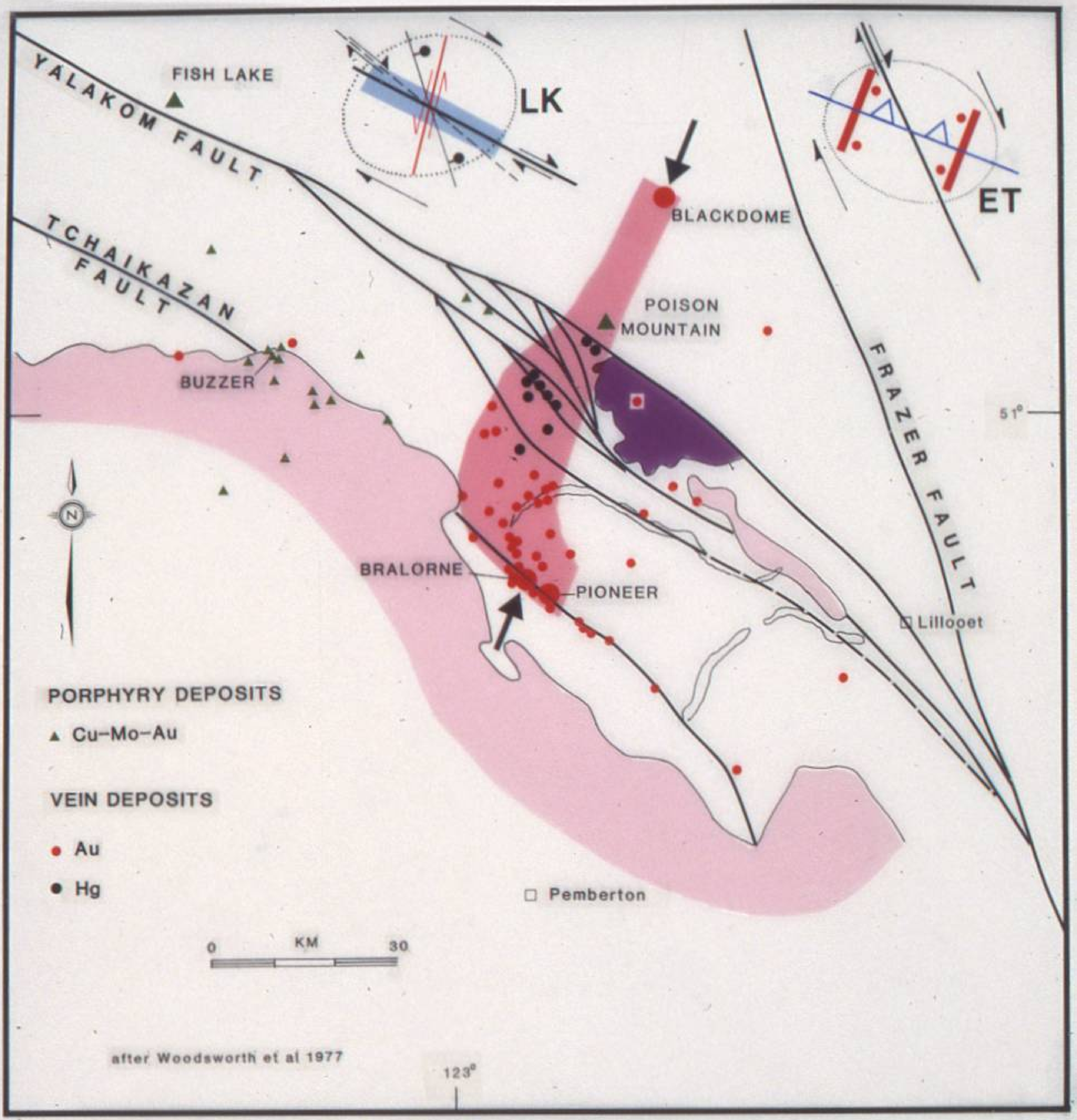

1 0 1 2 3 4
KM



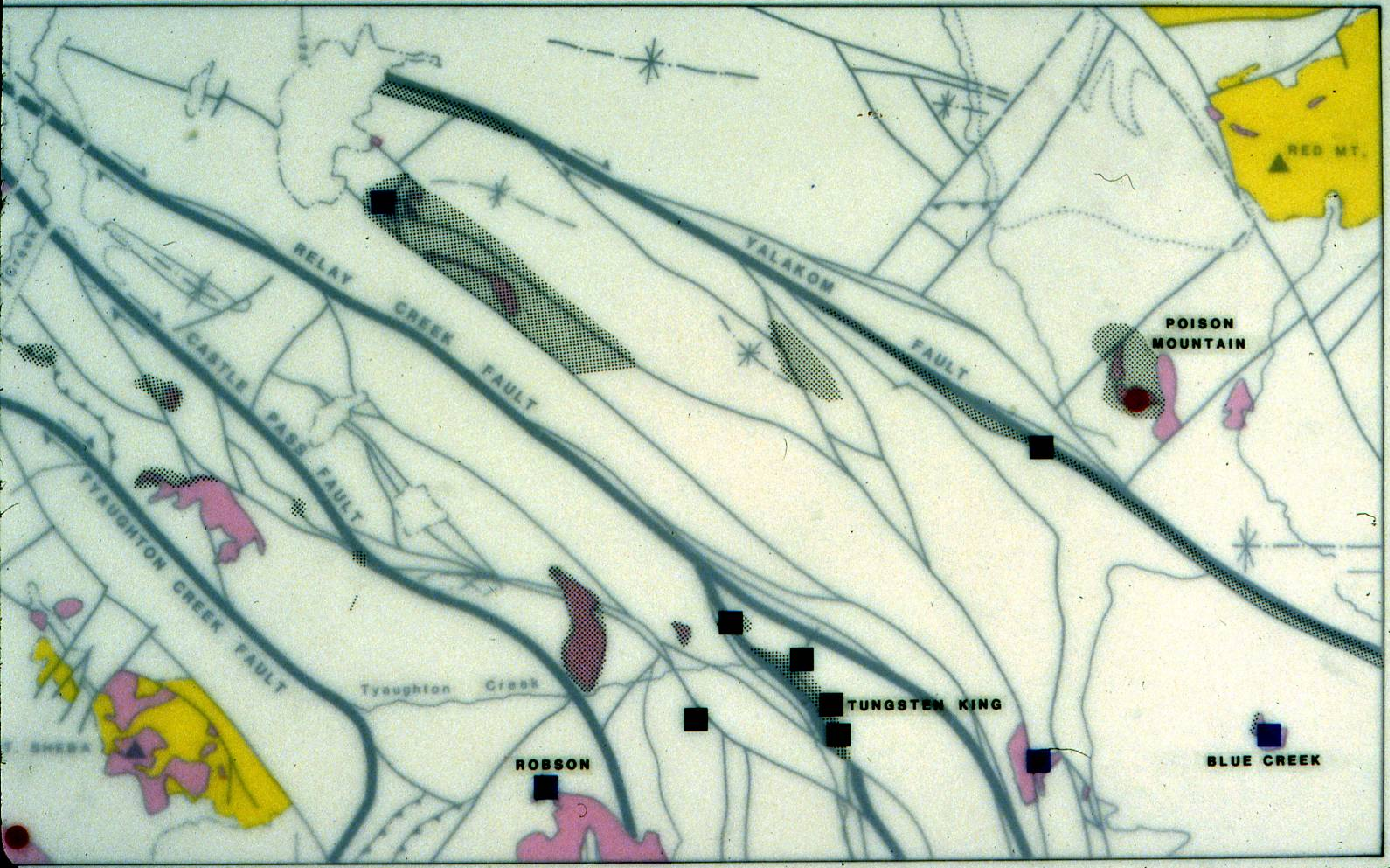
RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Big Creek
TCHAIKAZAN FAULT
Tyaughton Creek
MT. SHEBA
km

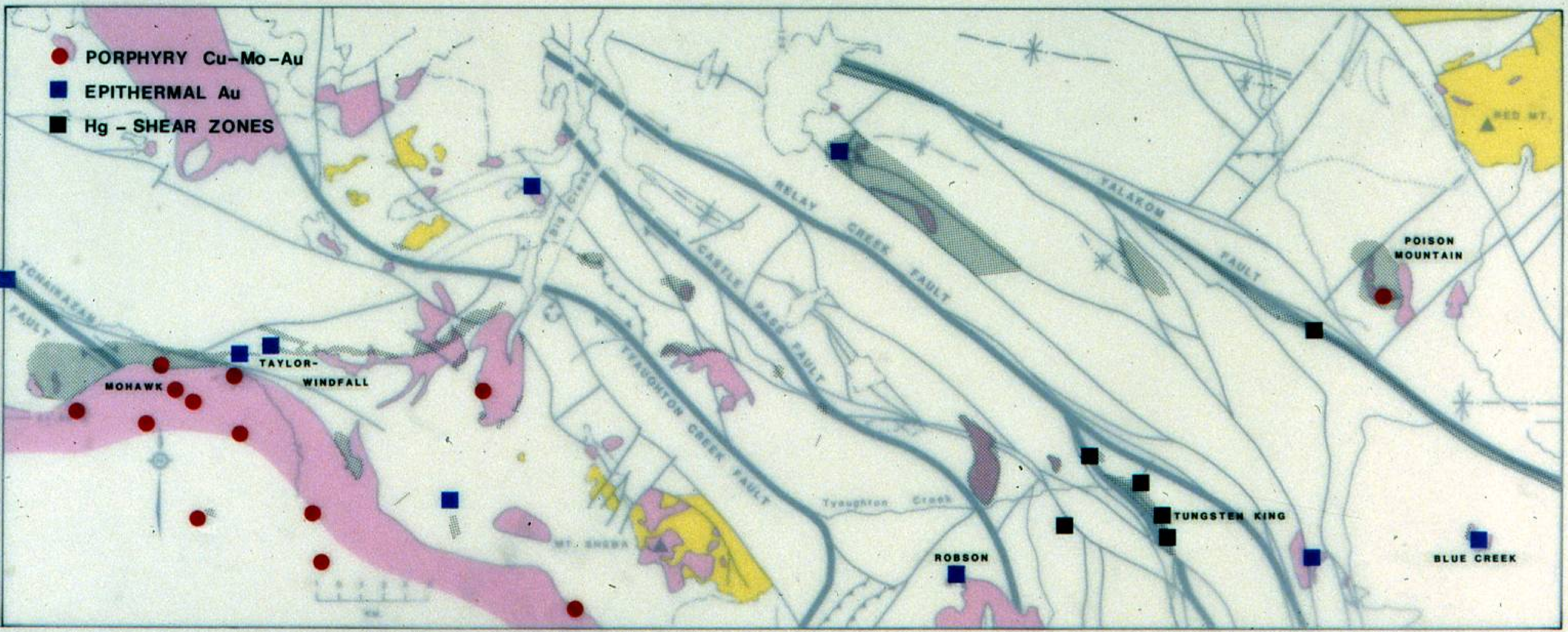
a

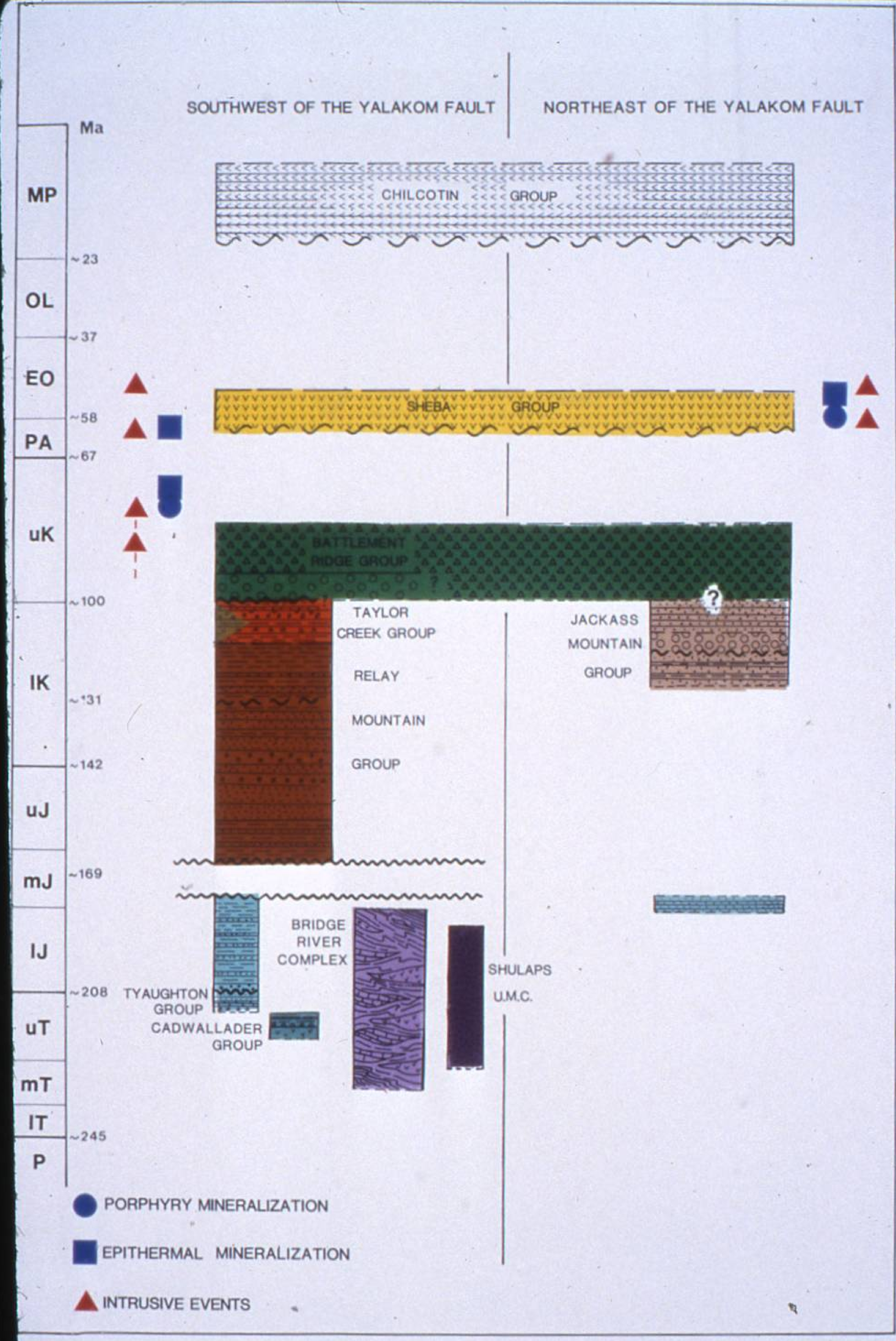

PORPHYRY Cu-Mo-Au
EPITHERMAL Au
Hg - SHEAR ZONES
TCHAIKAZAN FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
Big Creek
Tyaughton Creek
MOHAWK
TAYLOR-WINDFALL
MT. SHEBA
ROBSON



FISH LAKE
LK
ET
YALAKOM FAULT
TCHAIKAZAN FAULT
BLACKDOME
POISON MOUNTAIN
BUZZER
51°
FRAZER FAULT
BRALORNE
PIONEER
Lillooet
PORPHYRY DEPOSITS
Cu-Mo-Au
VEIN DEPOSITS
Au
Hg
Pemberton
0
KM
30
after Woodsworth et al 1977
123°

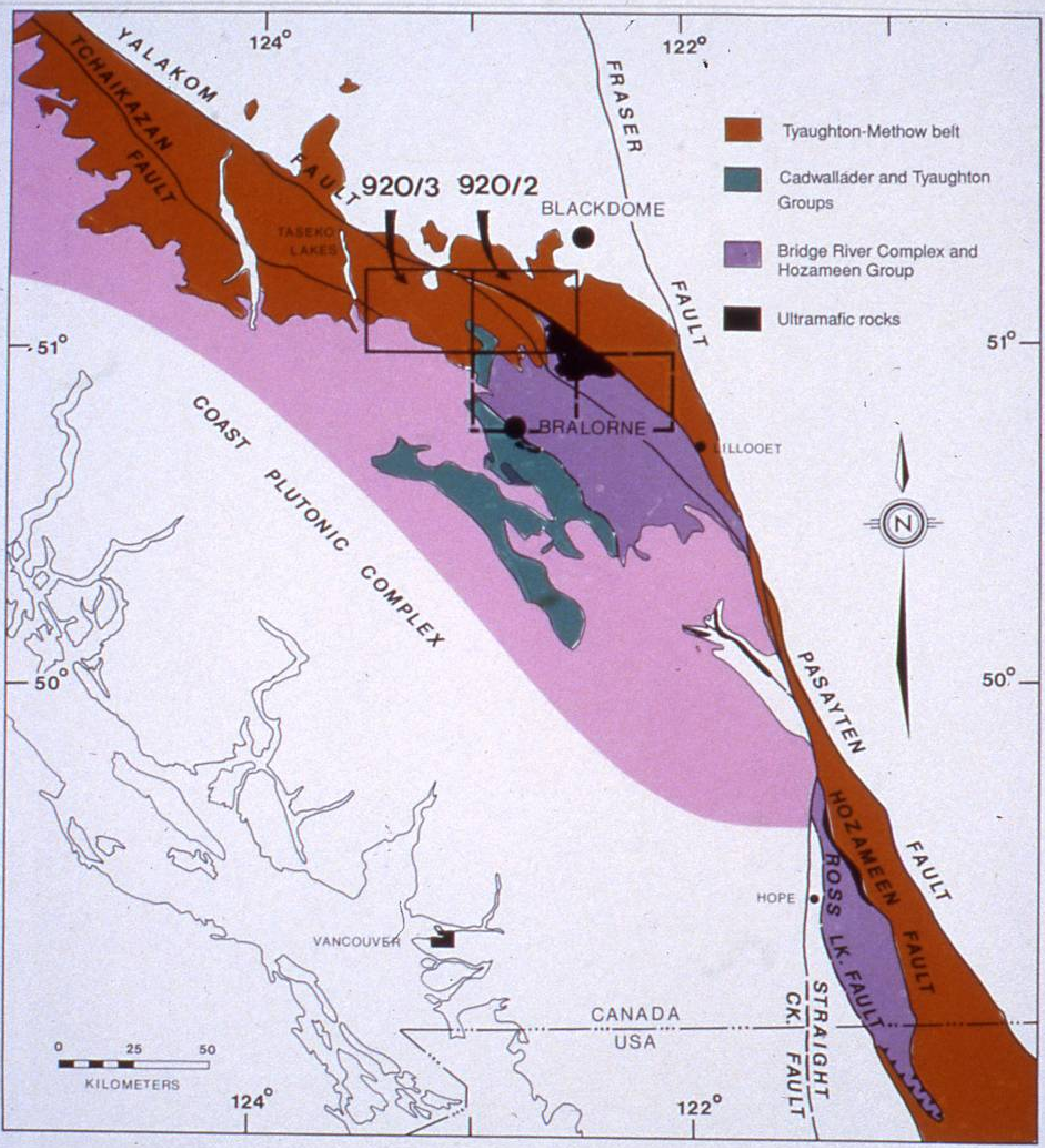

RED MT.
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
POISON MOUNTAIN
TYAUGHTON CREEK FAULT
Tyaughton Creek
TUNGSTEN KING
ROBSON
BLUE CREEK


PORPHYRY Cu-Mo-Au
EPITHERMAL Au
Hg - SHEAR ZONES
RED MT.
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
POISON MOUNTAIN
MOHAWK
TAYLOR-WINDFALL
Tyaughton Creek
MT. SHEBA
ROBSON
TUNGSTEN KING
BLUE CREEK

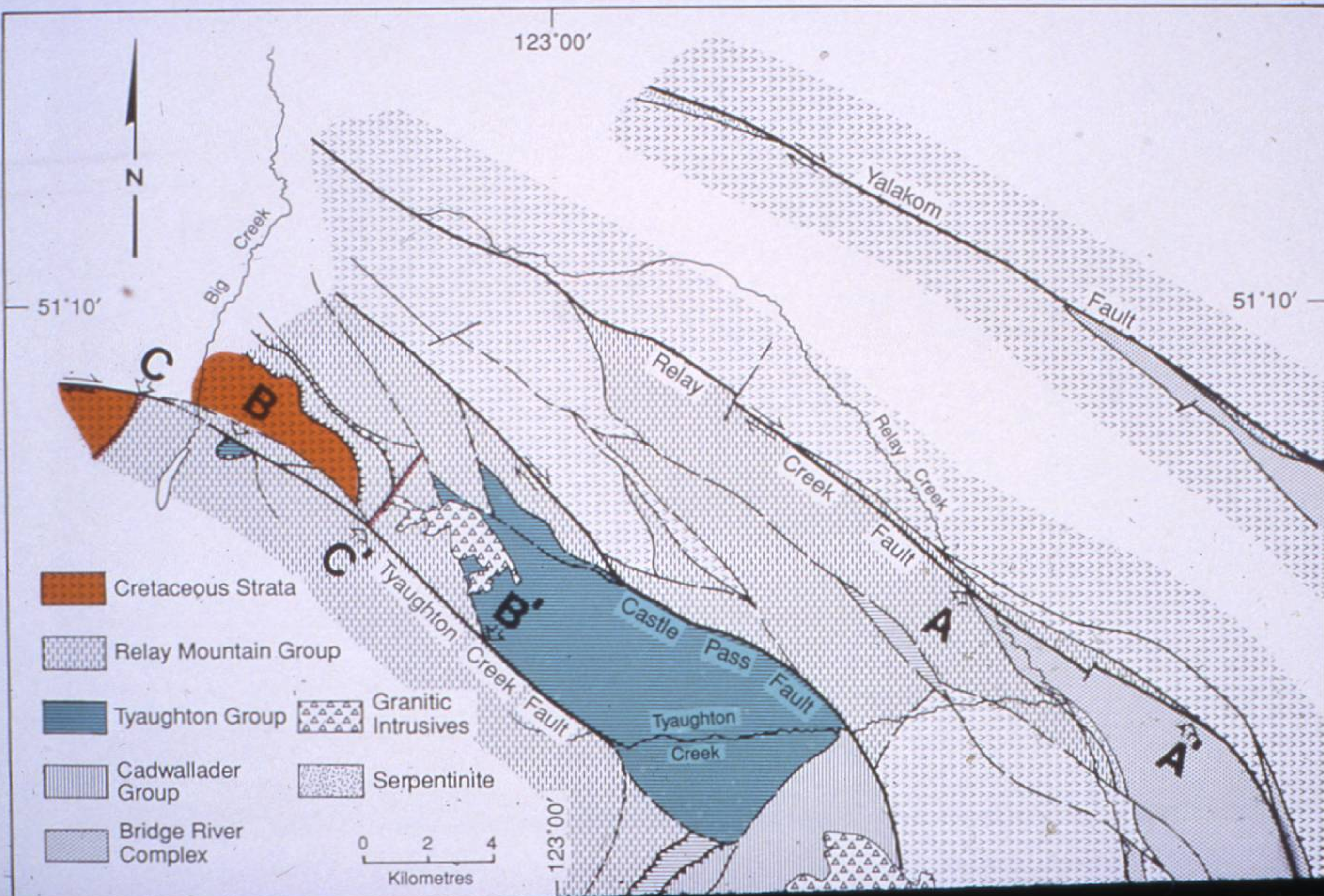

SOUTHWEST OF THE YALAKOM FAULT
NORTHEAST OF THE YALAKOM FAULT
Ma
MP
~23
OL
~37
EO
~58
PA
~67
uK
~100
lK
~131
~142
uJ
mJ
~169
lJ
~208
uT
mT
lT
~245
P
CHILCOTIN GROUP
SHEBA GROUP
BATTLEMENT RIDGE GROUP
TAYLOR CREEK GROUP
RELAY MOUNTAIN GROUP
JACKASS MOUNTAIN GROUP
BRIDGE RIVER COMPLEX
SHULAPS U.M.C.
TYAUGHTON GROUP
CADWALLADER GROUP
PORPHYRY MINERALIZATION
EPITHERMAL MINERALIZATION
INTRUSIVE EVENTS


Nikon


RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
KM.

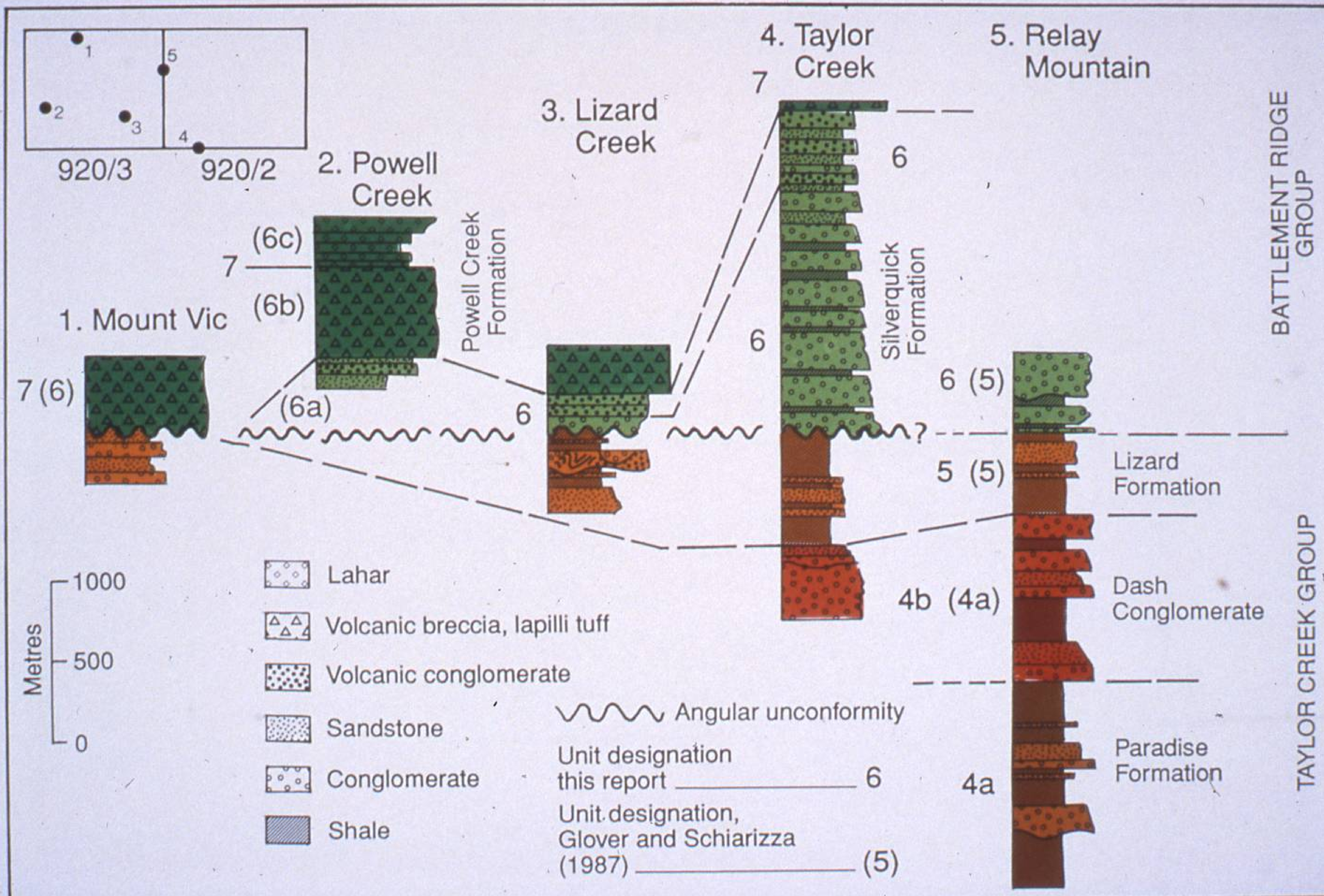


124°
122°
YALAKOM
FAULT
TCHAIKAZAN
FAULT
FRASER
FAULT
920/3
920/2
BLACKDOME
TASEKO
LAKES
Tyaughton-Methow belt
Cadwallader and Tyaughton
Groups
Bridge River Complex and
Hozameen Group
Ultramafic rocks
51°
BRALORNE
LILLOOET
COAST
PLUTONIC
COMPLEX
N
50°
PASAYTEN
HOZAMEEN
FAULT
ROSS
LK. FAULT
HOPE
VANCOUVER
STRAIGHT
CK.
FAULT
CANADA
USA
0
25
50
KILOMETERS

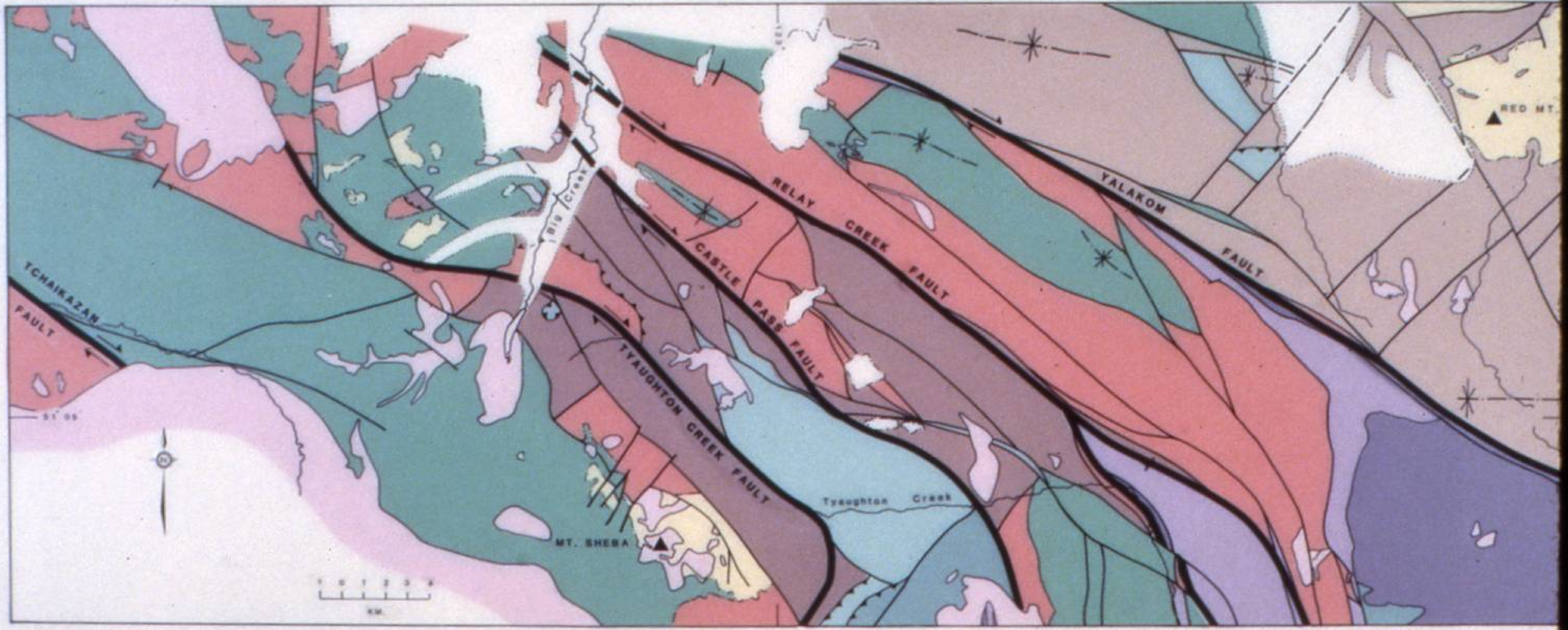


123°00′
N
Big Creek
51°10′
51°10′
Yalakom
Fault
Relay
Creek
Fault
Relay
Creek
C
B
C′
B′
A
A′
Castle
Pass
Fault
Tyaughton
Creek
Fault
Tyaughton
Creek
Cretaceous Strata
Relay Mountain Group
Tyaughton Group
Granitic Intrusives
Cadwallader Group
Serpentinite
Bridge River Complex
0
2
4
Kilometres
123°00′

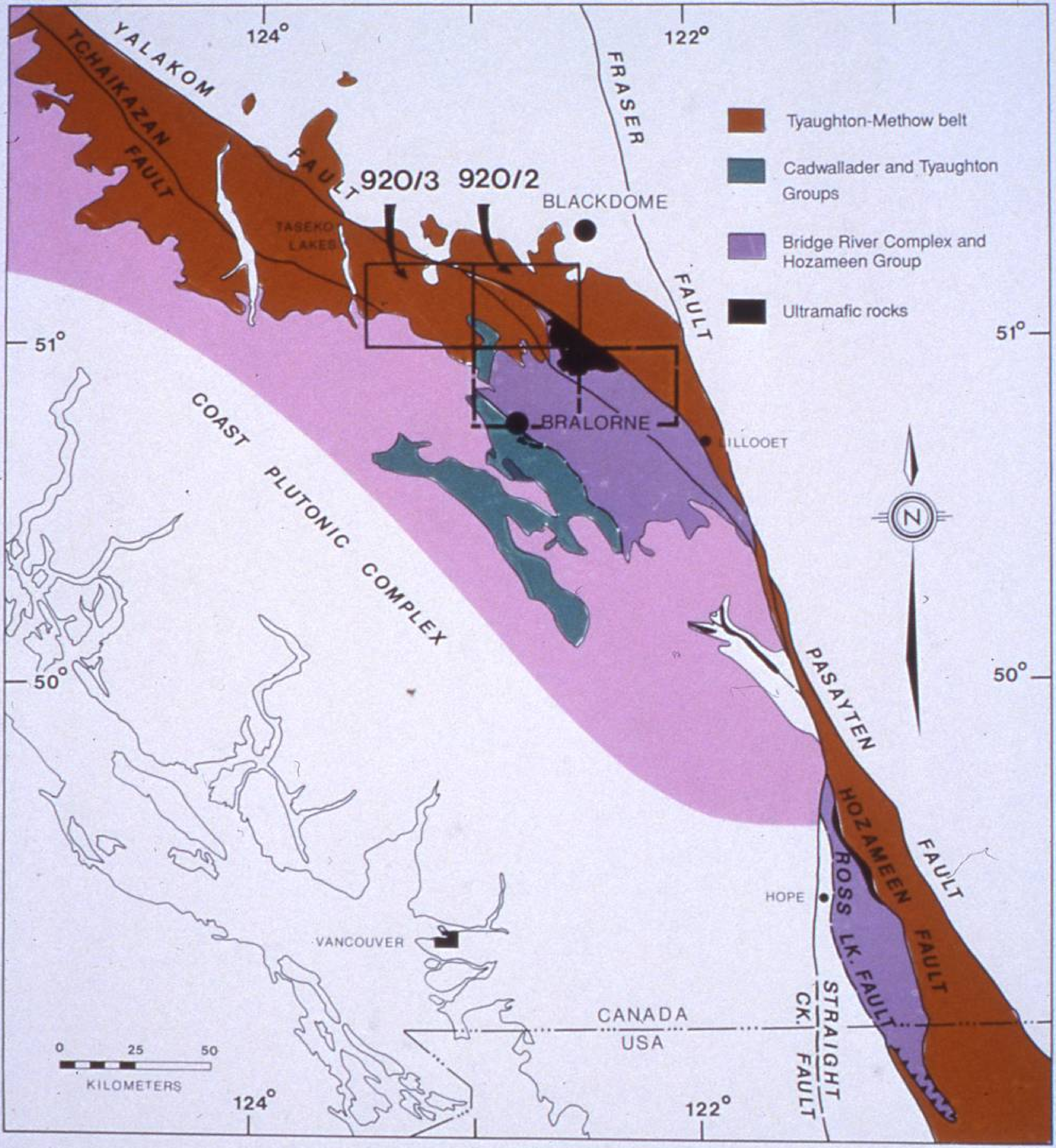

RED MT.
RELAY CREEK FAULT
YALAKOM FAULT
CASTLE PASS FAULT
TCHAIKAZAN FAULT
TYAUGHTON CREEK FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51 05
KM.



920/3
920/2
1. Mount Vic
2. Powell Creek
3. Lizard Creek
4. Taylor Creek
5. Relay Mountain
7 (6)
(6c)
7
(6b)
(6a)
6
Powell Creek Formation
Silverquick Formation
6 (5)
5 (5)
4b (4a)
4a
?
Lizard Formation
Dash Conglomerate
Paradise Formation
BATTLEMENT RIDGE GROUP
TAYLOR CREEK GROUP
Metres
1000
500
0
Lahar
Volcanic breccia, lapilli tuff
Volcanic conglomerate
Sandstone
Conglomerate
Shale
Angular unconformity
Unit designation this report 6
Unit designation, Glover and Schiarizza (1987) (5)



RED MT.
YALAKOM FAULT
RELAY CREEK FAULT
CASTLE PASS FAULT
TYAUGHTON CREEK FAULT
TCHAIKAZAN FAULT
Big Creek
Tyaughton Creek
MT. SHEBA
51 05
KM.



124°
122°
YALAKOM FAULT
TCHAIKAZAN FAULT
FRASER FAULT
920/3
920/2
BLACKDOME
TASEKO LAKES
Tyaughton-Methow belt
Cadwallader and Tyaughton Groups
Bridge River Complex and Hozameen Group
Ultramafic rocks
51°
COAST PLUTONIC COMPLEX
BRALORNE
LILLOOET
N
50°
PASAYTEN
HOZAMEEN FAULT
ROSS LK. FAULT
HOPE
VANCOUVER
CANADA
USA
STRAIGHT CK. FAULT
0 25 50
KILOMETERS

LEGEND

MIOCENE

MP	8	Plateau lava, basalt flows.

EOCENE (?)

E	7	Rhyolite, dacite and basalt flows, pyroclastic rocks and volcanic sediments.

LEGEND

	MIOCENE	
MP	8	Plateau lava, basalt flows.
	EOCENE (?)	
E	7	Rhyolite, dacite and basalt flows, pyroclastic rocks and volcanic sediments.
	UPPER CRETACEOUS	
uK	6c	Bedded laharic andesitic breccia and epiclastic sediments.
	6b	Andesitic breccia, lapilli tuff, crystal tuff and ash tuff, with minor andesitic to basaltic flows
	6a	Volcanic sandstone and conglomerate; polymict conglomerate.
	6	Undivided; mostly Unit 6b with subordinate Unit 6a
	5	Micaceous sandstone, shale and polymict conglomerate
	LOWER CRETACEOUS (TAYLOR CREEK GROUP)	
lK	4	Argillite, siltstone, sandstone; chert pebble conglomerate and volcanic conglomerate
	4	Dacitic to andesitic flows and volcaniclastic rocks; interbedded with shale and siltstone.
	MIDDLE JURASSIC TO LOWER CRETACEOUS (RELAY MOUNTAIN GROUP)	
uJ - lK	3	Upper Jurassic to Lower Cretaceous: Dark grey shale, grey-brown siltstone green-grey greywacke and lithic sandstone; grit and conglomerate.
mJ		Middle Jurassic: Interbedded shale, siltstone and calcarenite; greywacke, grit and conglomerate.
	UPPER TRIASSIC TO LOWER JURASSIC (TYAUGHTON GROUP)	
uTR-lmJ	1	Massive limestone; red conglomerate; grit and conglomerate interbedded with green sandstone and shale.
	INTRUSIVE ROCKS	
	D	Equigranular quartz monzonite to granodiorite.
	C	Hornblende plagioclase biotite porphyries with accessory quartz.
	B	Coast Plutonic Complex: quartz diorite to quartz monzonite.
	A	Hornblende plagioclase porphyries.

sediments.

UPPER CRETACEOUS

uK	6c	Bedded laharic andesitic breccia and epiclastic sediments.
	6b	Andesitic breccia, lapilli tuff, crystal tuff and ash tuff, with minor andesitic to basaltic flows
	6a	Volcanic sandstone and conglomerate; polymict conglomerate.
	6	Undivided; mostly Unit 6b with subordinate Unit 6a
	5	Micaceous sandstone, shale and polymict conglomerate

UPPER CRETACEOUS

uK

	6c	Bedded laharic andesitic breccia and epiclastic sediments.
	6b	Andesitic breccia, lapilli tuff, crystal tuff and ash tuff, with minor andesitic to basaltic flows
uK	6a	Volcanic sandstone and conglomerate; polymict conglomerate.
	6	Undivided; mostly Unit 6b with subordinate Unit 6a
	5	Micaceous sandstone, shale and polymict conglomerate

LOWER CRETACEOUS (TAYLOR CREEK GROUP)

lK	4	Argillite, siltstone, sandstone; chert pebble conglomerate and volcanic conglomerate
	4	Dacitic to andesitic flows and volcaniclastic rocks; interbedded with shale and siltstone.

MIDDLE JURASSIC TO LOWER CRETACEOUS
(RELAY MOUNTAIN GROUP)

uJ-lK	3	<u>Upper Jurassic to Lower Cretaceous</u>: Dark grey shale, grey-brown siltstone green-grey greywacke and lithic sandstone; grit and conglomerate.
mJ	2	<u>Middle Jurassic</u>: Interbedded shale, siltstone and calcarenite; greywacke, grit and conglomerate.

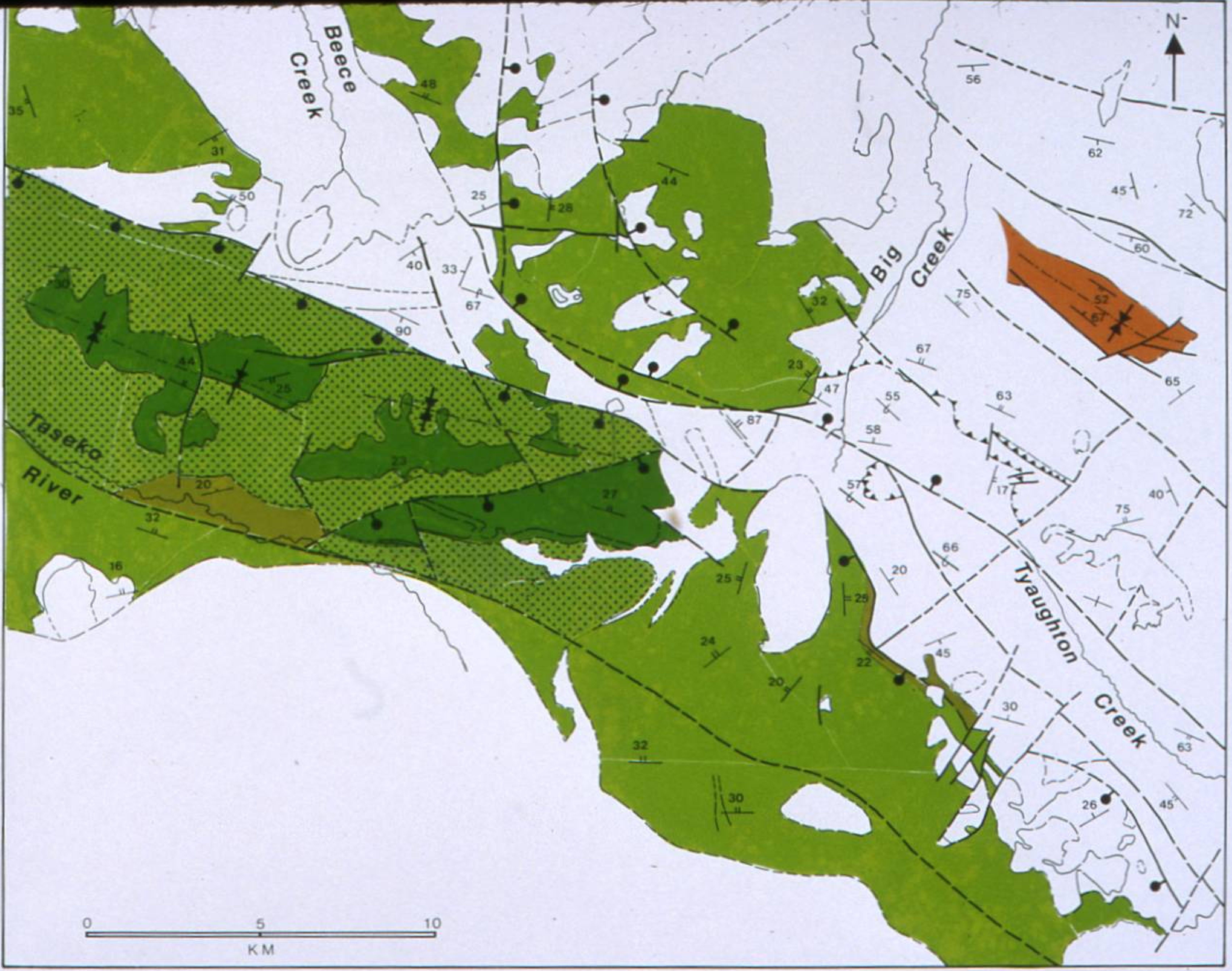
UPPER TRIASSIC TO LOWER JURASSIC (TYAUGHTON GROUP)

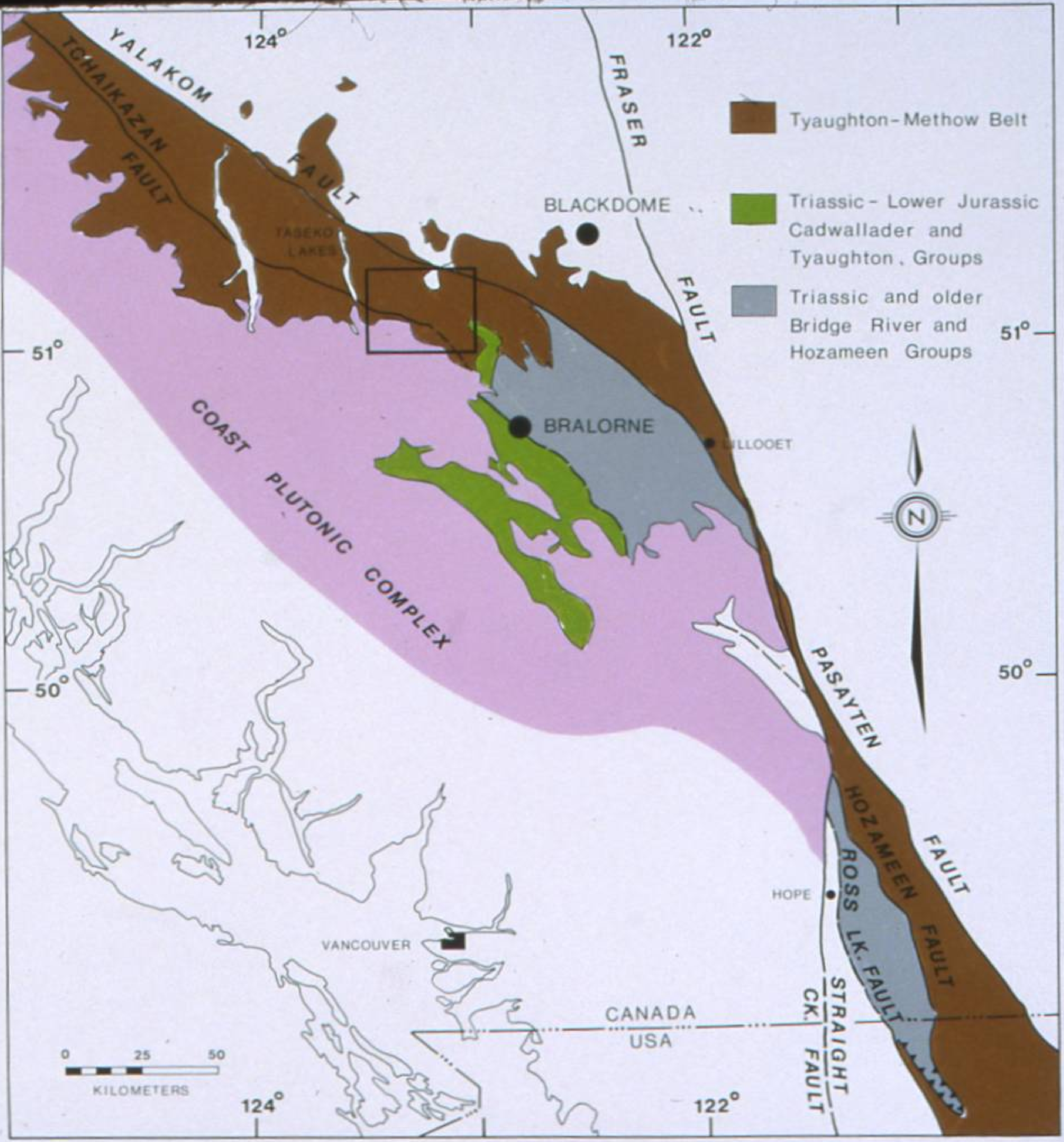
uT̄-lmJ	1	Massive limestone; red conglomerate; grit and conglomerate interbedded with green sandstone and shale.

INTRUSIVE ROCKS

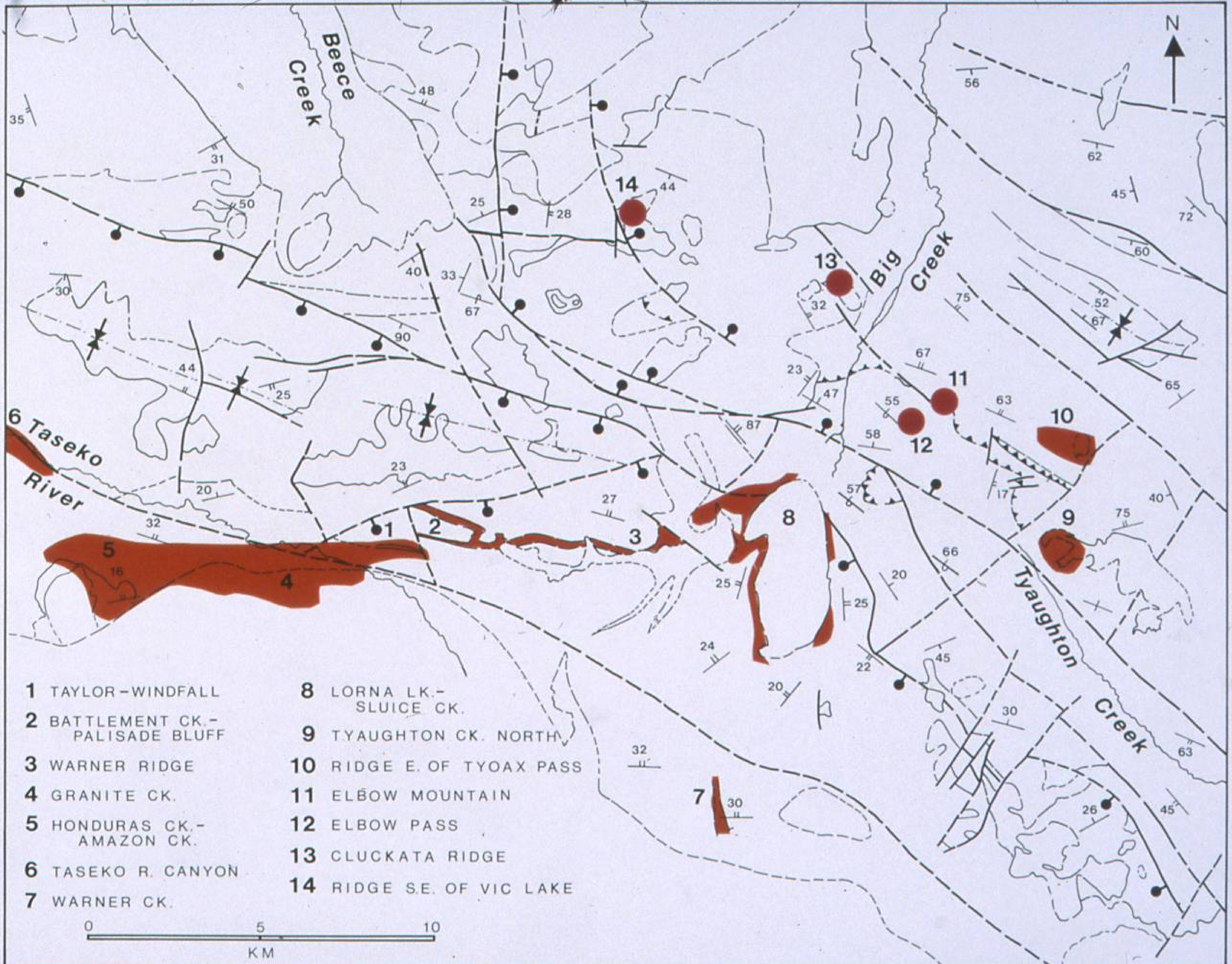
- **D** — Equigranular quartz monzonite to granodiorite.
- **C** — Hornblende plagioclase biotite porphyries with accessory quartz.
- **B** — Coast Plutonic Complex: quartz diorite to quartz monzonite.
- **A** — Hornblende plagioclase porphyries.

N
Beece Creek
Big Creek
Taseko River
Tyaughton Creek
0
5
10
KM

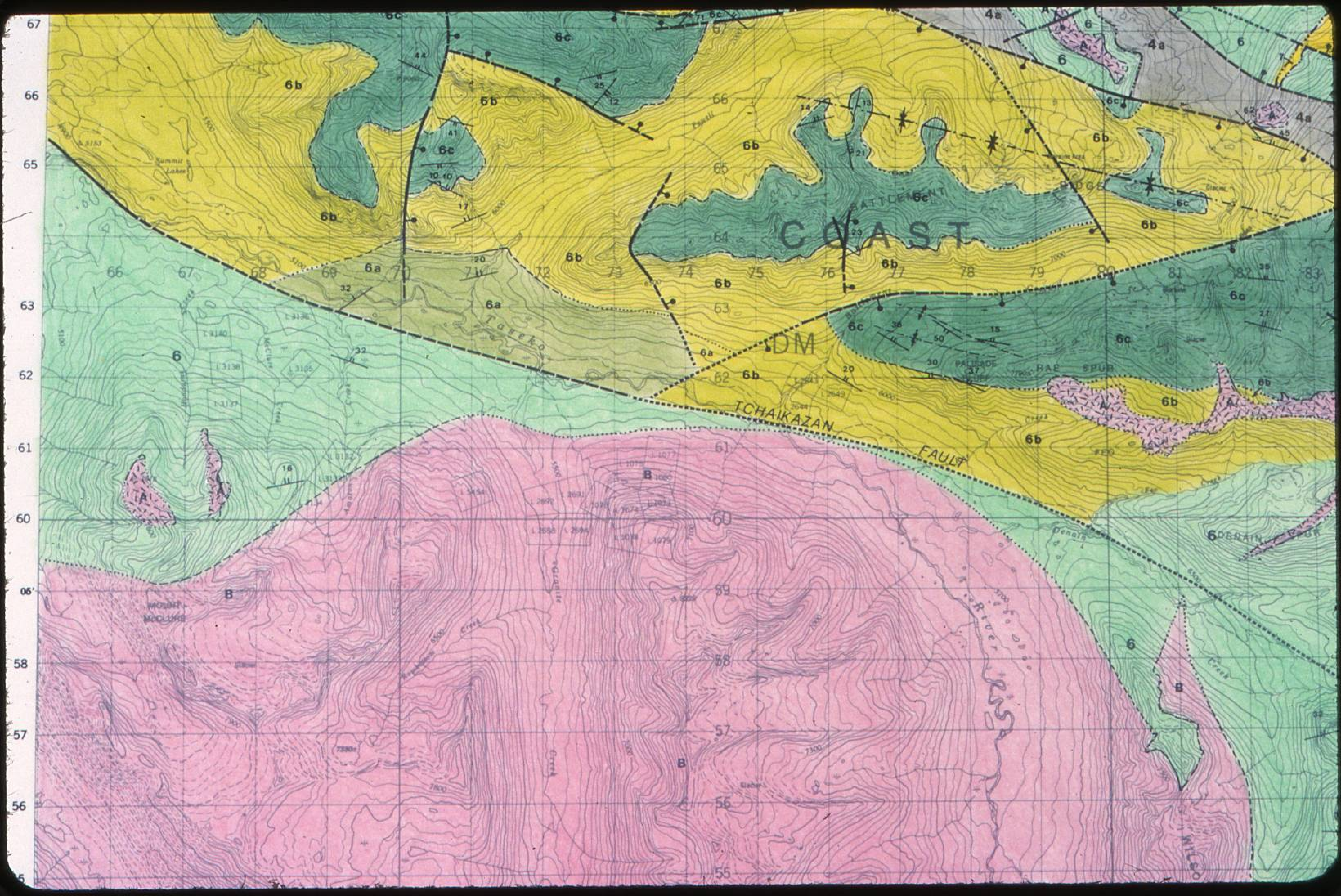

N
Beece Creek
Big Creek
Taseko River
Tyaughton Creek
0
5
10
KM


Tyaughton-Methow Belt
Triassic - Lower Jurassic Cadwallader and Tyaughton Groups
Triassic and older Bridge River and Hozameen Groups
YALAKOM FAULT
TCHAIKAZAN FAULT
FRASER FAULT
TASEKO LAKES
BLACKDOME
BRALORNE
LILLOOET
COAST PLUTONIC COMPLEX
PASAYTEN
HOZAMEEN FAULT
ROSS LK. FAULT
STRAIGHT CK. FAULT
HOPE
VANCOUVER
CANADA
USA
N
124°
122°
51°
50°
0 25 50
KILOMETERS

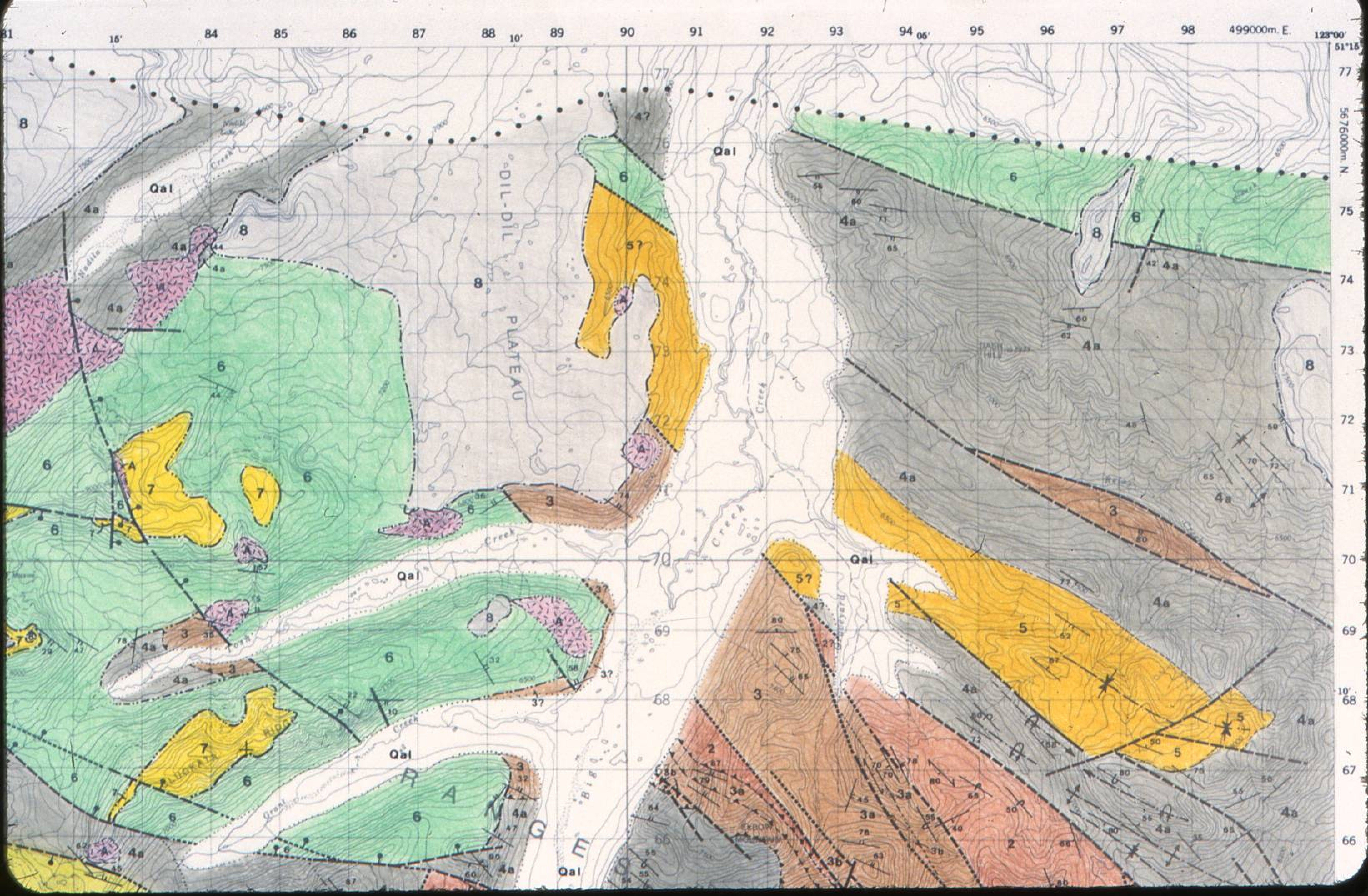

N
Beece Creek
Big Creek
Taseko River
Tyaughton Creek
0
5
10
KM



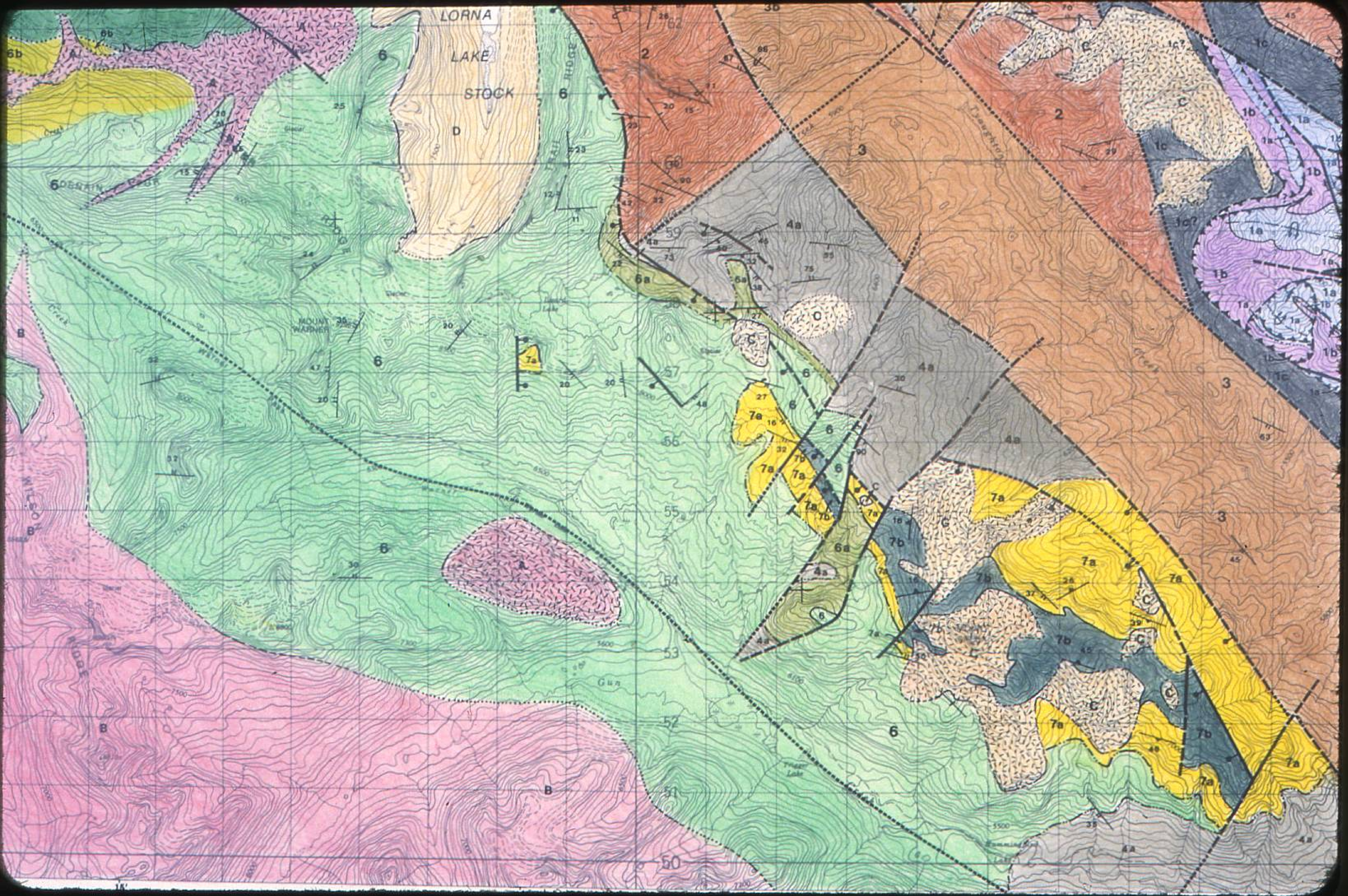
N
Beece Creek
Big Creek
Tyaughton Creek
6 Taseko River
1
2
3
4
5
6
7
8
9
10
11
12
13
14
1 TAYLOR-WINDFALL
2 BATTLEMENT CK.-PALISADE BLUFF
3 WARNER RIDGE
4 GRANITE CK.
5 HONDURAS CK.-AMAZON CK.
6 TASEKO R. CANYON
7 WARNER CK.
8 LORNA LK.-SLUICE CK.
9 TYAUGHTON CK. NORTH
10 RIDGE E. OF TYOAX PASS
11 ELBOW MOUNTAIN
12 ELBOW PASS
13 CLUCKATA RIDGE
14 RIDGE S.E. OF VIC LAKE
0
5
10
KM

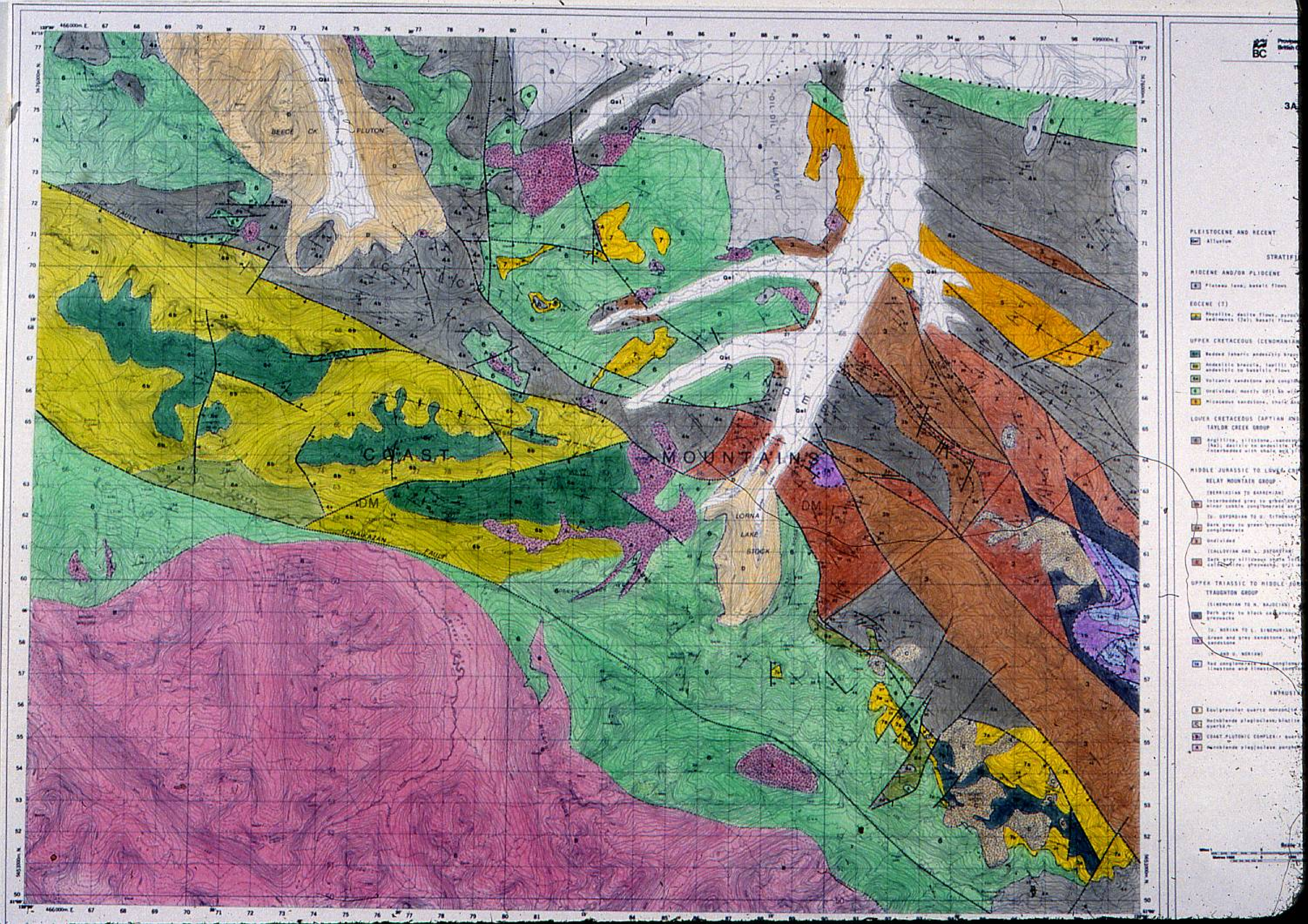


COAST
BATTLEMENT
RIDGE
DM
TCHAIKAZAN
FAULT
PALISADE
RAE SPUR
DENAIN SPUR
MOUNT McCLURE
Taseko
Summit Lakes
River
6a
6b
6c
4a
A
B

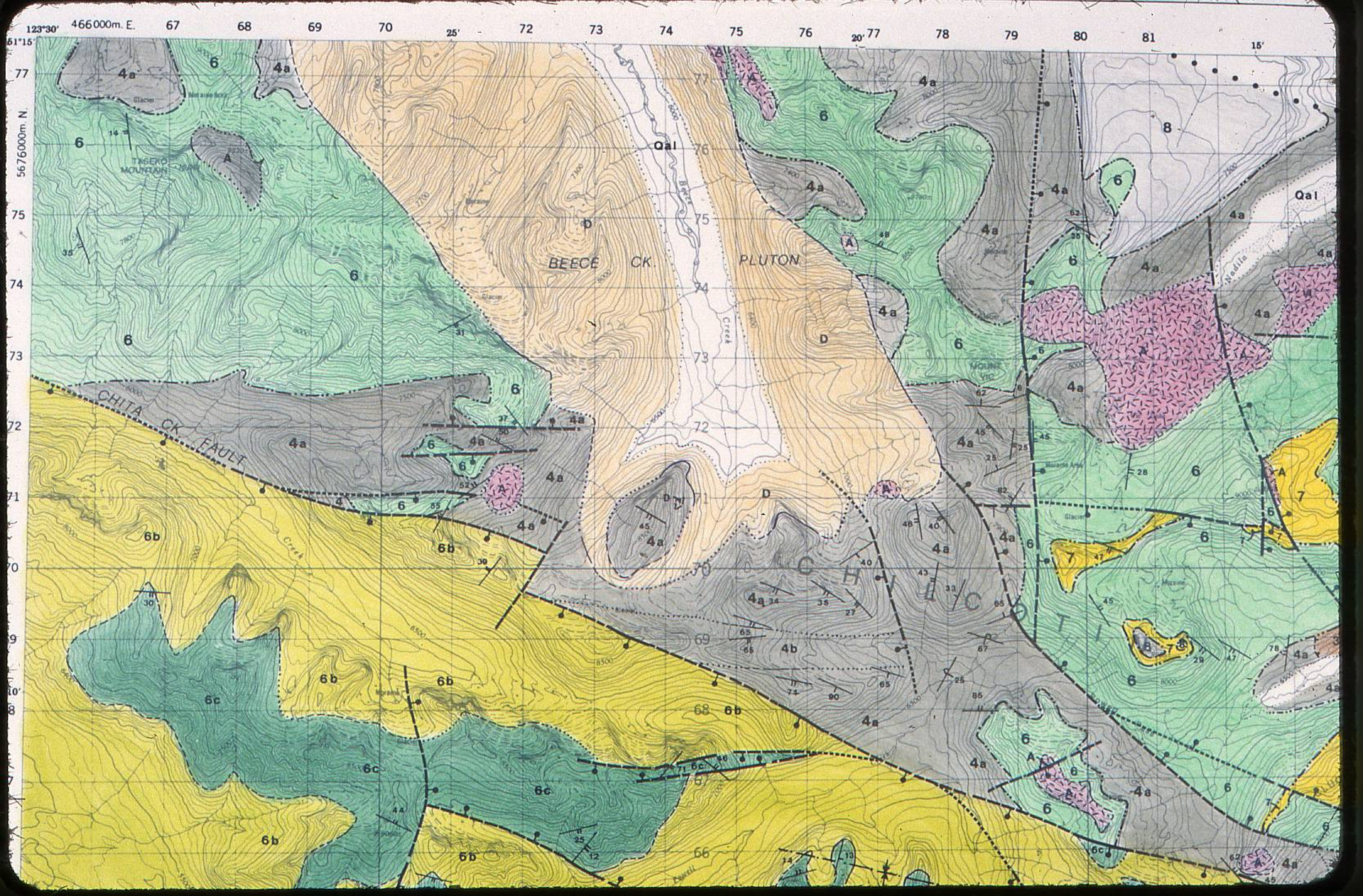


499000m. E.
123°00'
51°15'
5676000m. N.
DIL-DIL PLATEAU
RANGES
Qal
Creek

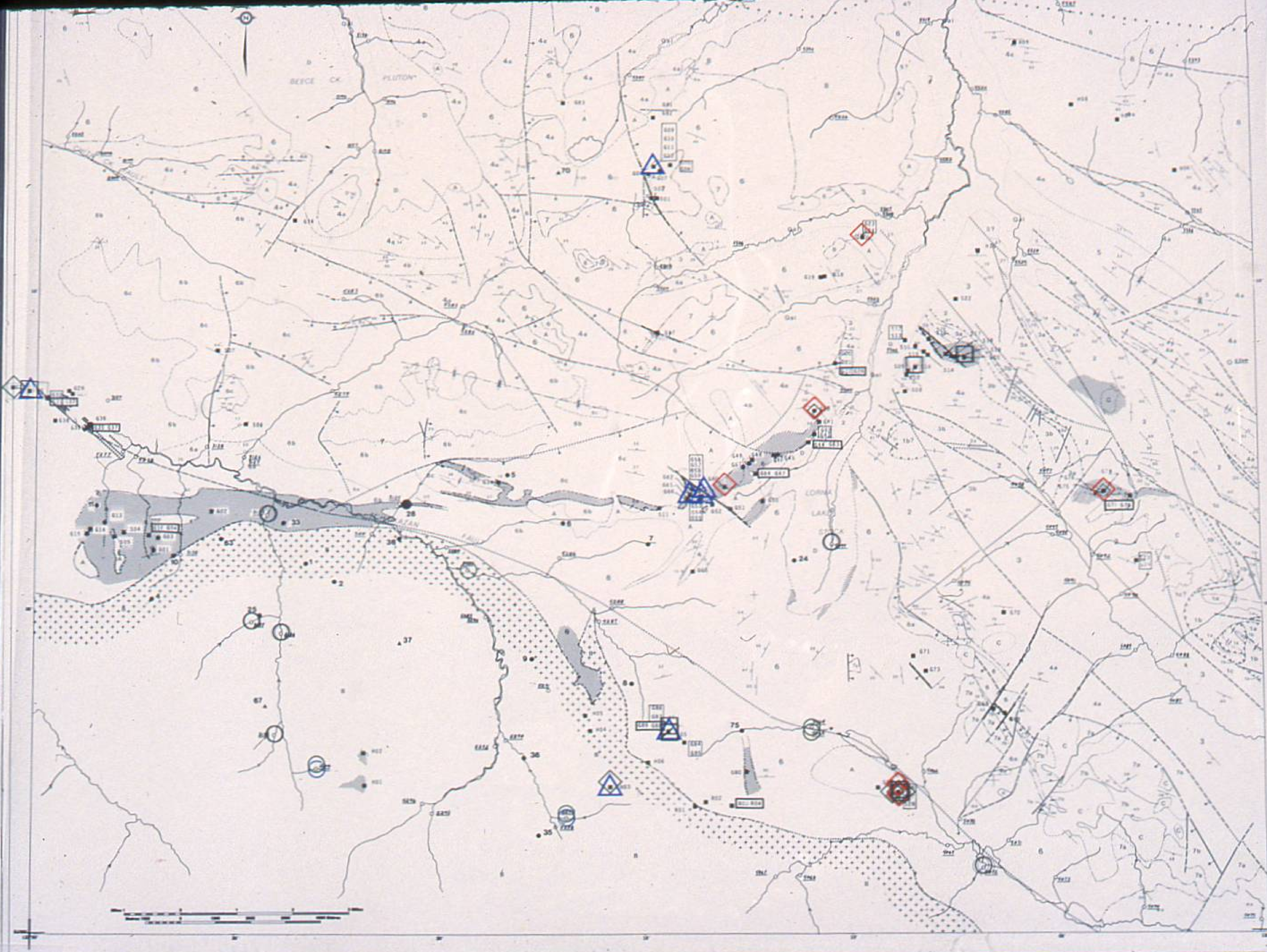

LORNA
LAKE
STOCK
D
6
6a
6b
A
B
C
2
3
4a
7a
7b
1a
1b
1c
MOUNT WARNER
Gun

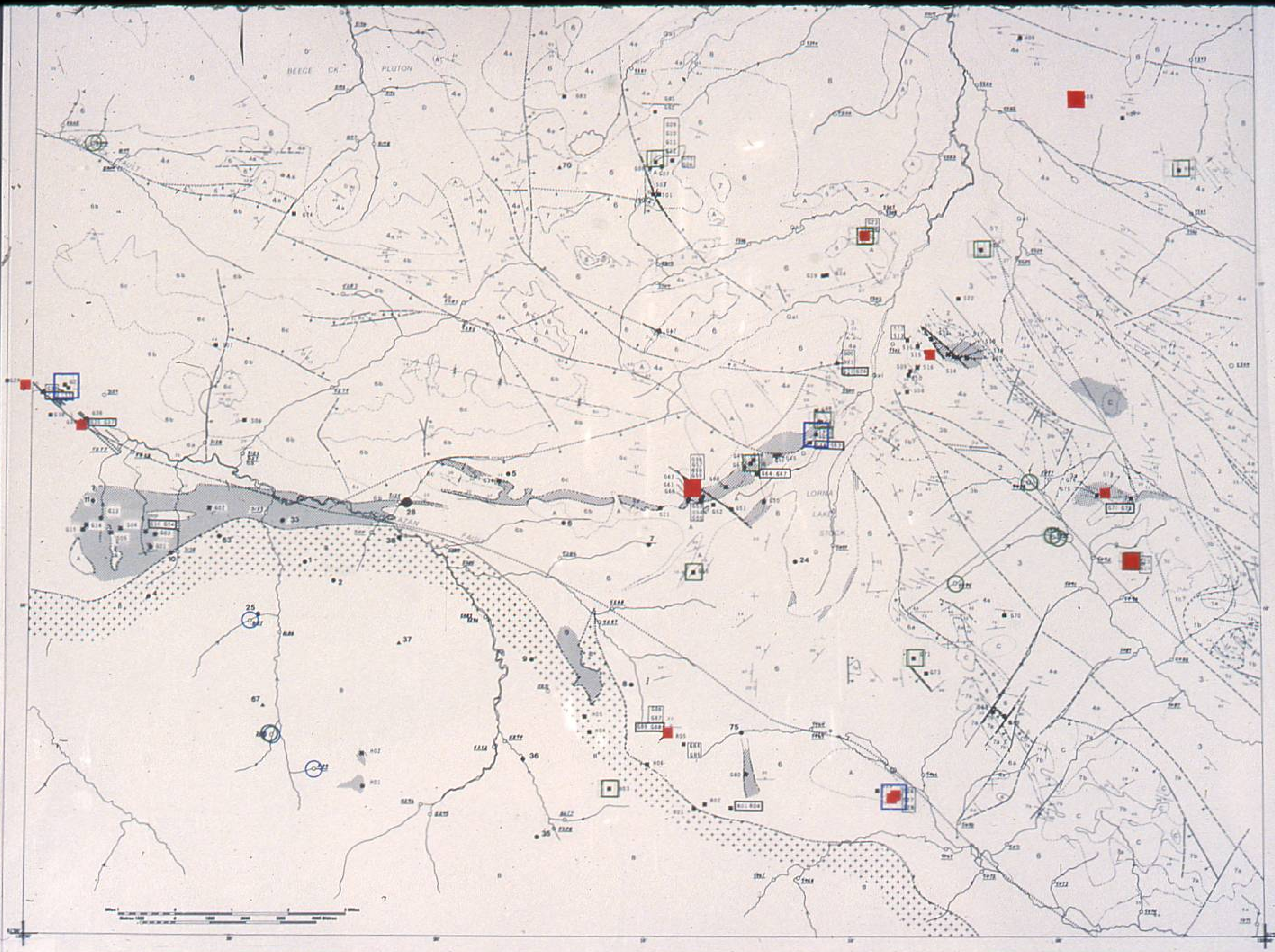


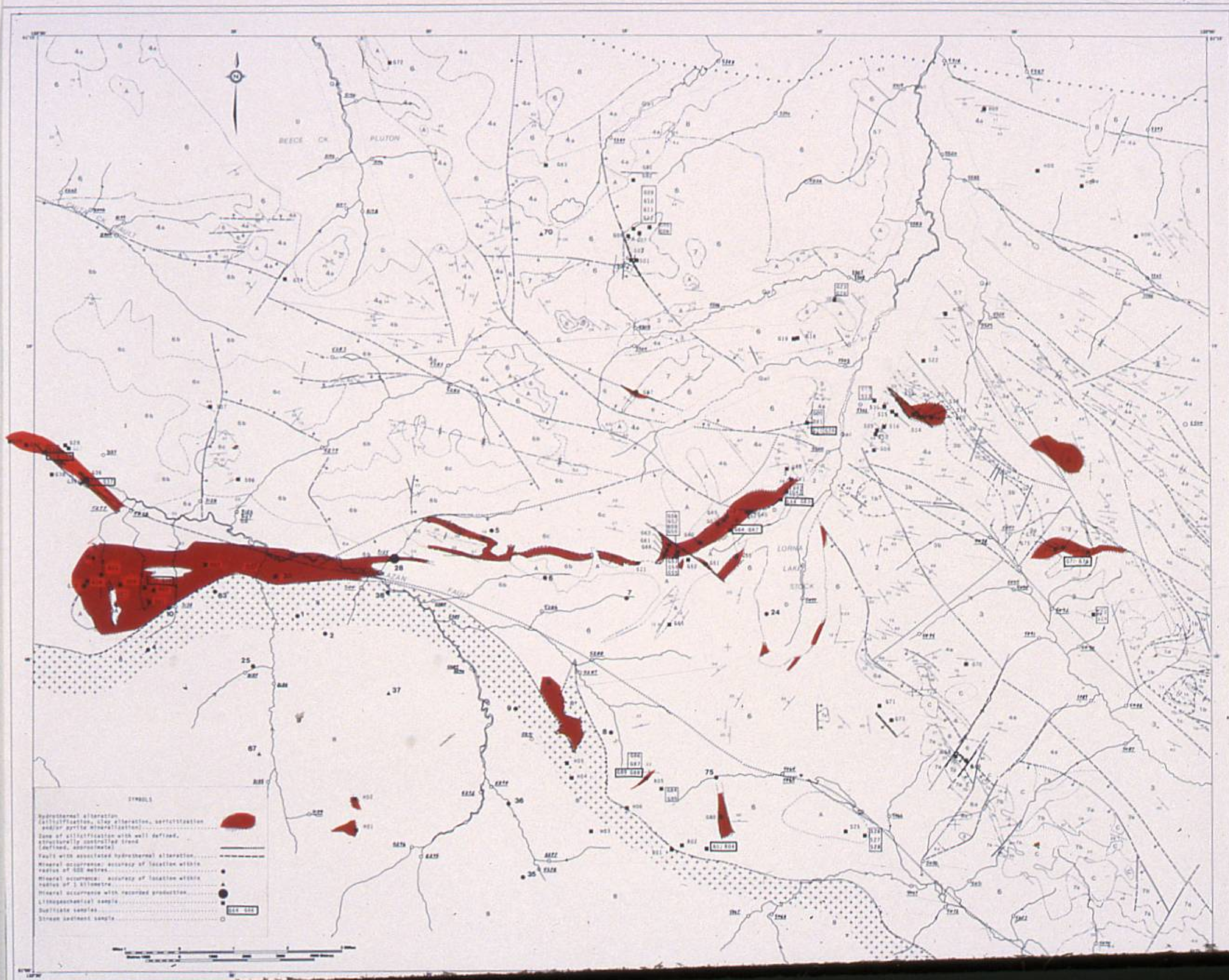
BEECE CK PLUTON
DIL-DIL PLATEAU
COAST
MOUNTAINS
RANGE
LORNA LAKE STOCK
TCHAIKAZAN FAULT
DM
PLEISTOCENE AND RECENT
Alluvium
MIOCENE AND/OR PLIOCENE
Plateau lava, basalt flows
EOCENE (?)
UPPER CRETACEOUS (CENOMANIAN
Volcanic sandstone and congl
LOWER CRETACEOUS (APTIAN AND
TAYLOR CREEK GROUP
MIDDLE JURASSIC TO LOWER CR
RELAY MOUNTAIN GROUP
(BERRIASIAN TO BARREMIAN)
Undivided
(CALLOVIAN AND L. OXFORDIAN)
UPPER TRIASSIC TO MIDDLE JUR
TYAUGHTON GROUP
(SINEMURIAN TO M. BAJOCIAN)
Green and grey sandstone
Red conglomerate and conglomer
limestone and limestone
Equigranular quartz monzonite
Hornblende plagioclase, biotite
COAST PLUTONIC COMPLEX: quart
Hornblende plagioclase porph



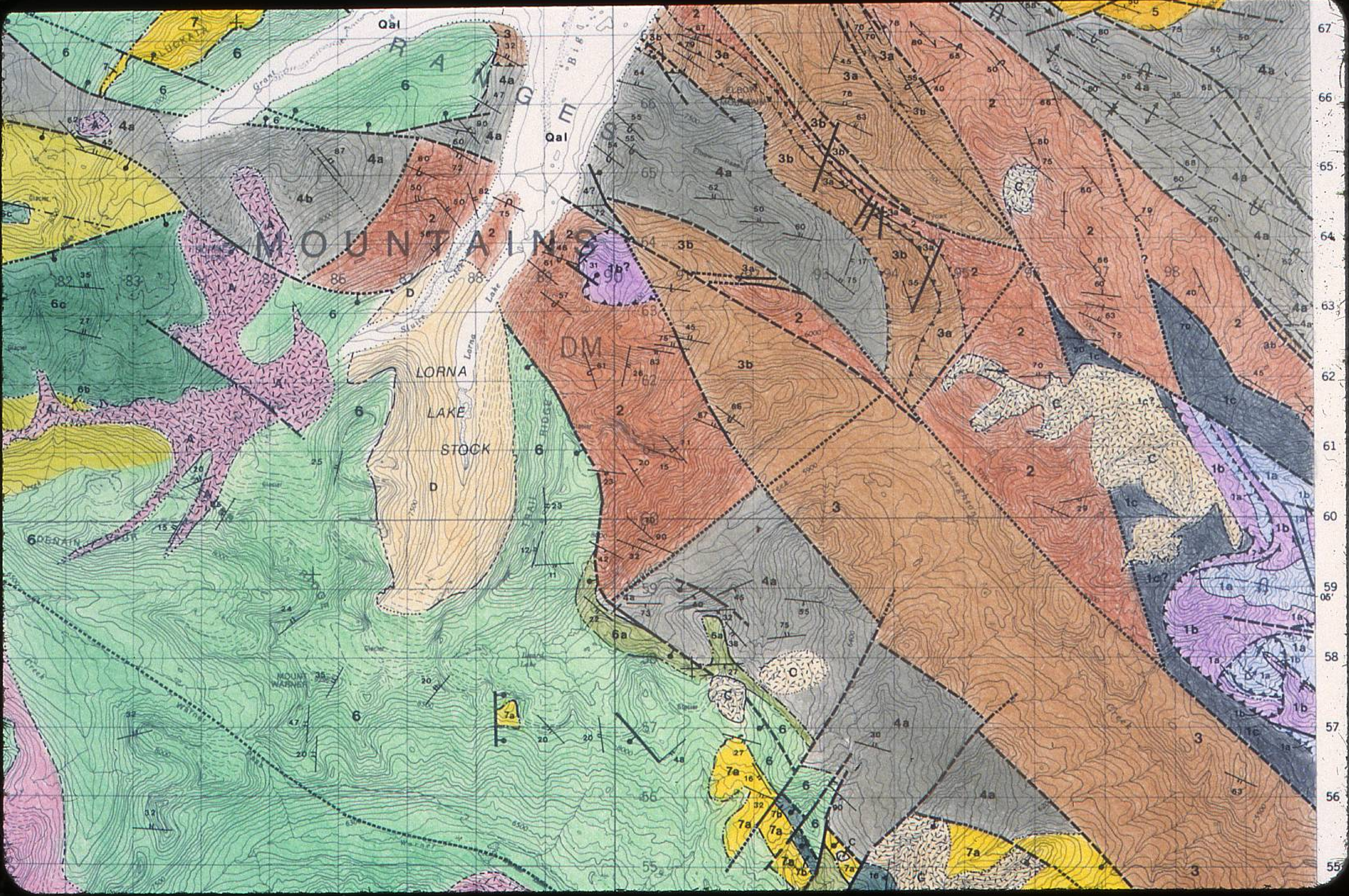
123°30'
466000m. E.
51°15'
5676000m. N.
25'
20'
15'
10'
BEECE CK. PLUTON
CHITA CK. FAULT
CHILCOTIN
TASEKO MOUNTAIN
Qal
4a
4b
6
6b
6c
7
8
A
D


BEECE CK PLUTON
LORNA LAKE


BEECE CK PLUTON
LORNA LAKE STOCK



BEECE CK PLUTON
LORNA LAKE STOCK
SYMBOLS
Hydrothermal alteration (silicification, clay alteration, sericitization and/or pyrite mineralization)
Zone of silicification with well defined, structurally controlled trend (defined, approximate)
Fault with associated hydrothermal alteration
Mineral occurrence: accuracy of location within radius of 500 metres
Mineral occurrence: accuracy of location within radius of 1 kilometre
Mineral occurrence with recorded production
Lithogeochemical sample
Duplicate samples
Stream sediment sample


R A N G E S
M O U N T A I N S
LORNA
LAKE
STOCK
DM
Qal
Qal
Lorna Lake
RIDGE