CORRELATION OF MAP UNITS

Qa	Qt	QUATERNARY
Qg	Ql	
Kg		CRETACEOUS

Belt Super-group

Missoula Group:
Yms_2, Yms_1, Ysh_2, Ysh_1, Ysn, Yw_2 / Yi_3, Yw_1

Ravalli Group:
Ysr, Yr, Yb_2, Yb_1

Yp: Ypu_3, Ypu_2, Ypu_1, Ypm_2, Ypm_1 / Yi_1 Yi_2, Ypl

MIDDLE PROTEROZOIC
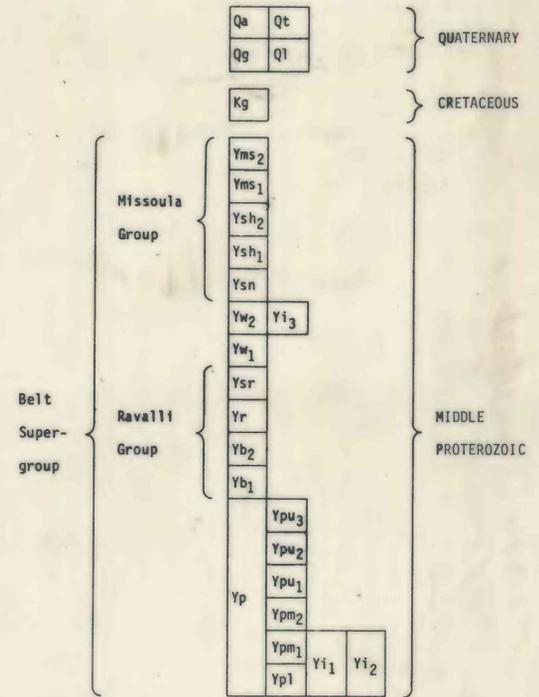
Qa	Alluvium
Qt	Talus
Qg	Glacial deposits
Ql	Lacustrine deposits
Kg	Granitoid rocks undivided

Belt Supergroup

Missoula Group

Mount Shields Formation
Yms_2 — Unit 2
Yms_1 — Unit 1

Shepard Formation
Ysh_2 — Unit 2
Ysh_1 — Unit 1

Ysn — Snowslip Formation

Yi_3 — Intrusive Rocks, Unit 3

Wallace Formation
Yw_2 — Unit 2
Yw_1 — Unit 1

Ravalli Group

Ysr — Saint Regis Formation
Yr — Revett Formation

Burke Formation
Yb_2 — Unit 2
Yb_1 — Unit 1

Intrusive Rocks
Yi_2 — Unit 2
Yi_1 — Unit 1

Prichard Formation
Yp — Undivided
Upper member
Ypu_3 — Unit 3
Ypu_2 — Unit 2
Ypu_1 — Unit 1
Middle member
Ypm_2 — Unit 2
Ypm_1 — Unit 1
Ypl — Lower member

—?— CONTACT - Approximately located, queried where uncertain
—?·· FAULT - Approximately located, dotted where concealed, queried where uncertain

ANTICLINE
PLUNGING ANTICLINE
SYNCLINE
PLUNGING SYNCLINE

STRIKE AND DIP OF BED
representative   possibly slumped
Inclined
Vertical
Overturned
Horizontal
Variable

STRIKE AND DIP OF FOLIATION
Inclined, secondary
Inclined, primary igneous
Mylonite

STRIKE AND DIP OF CLEAVAGE
Inclined
Vertical

STRIKE AND DIP OF OTHER SURFACES
Joint
Quartz vein

BEARING AND PLUNGE OF LINEATIONS
Minor fold axis, clockwise rotation viewed down plunge
Minor fold axis, counterclockwise rotation
Minor fold axis, symmetric
Mineral streaking

Base map from U.S.G.S. 7.5' topographic series: Leonia, 1967; Clifty Mtn, 1967; Moyie Springs, 1967; Curley Creek, 1967.

Scale 1:48,000

Contour interval 40 feet

Geology by R. F. Burmester, 1983 and 1984

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.
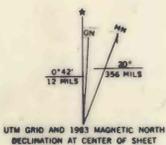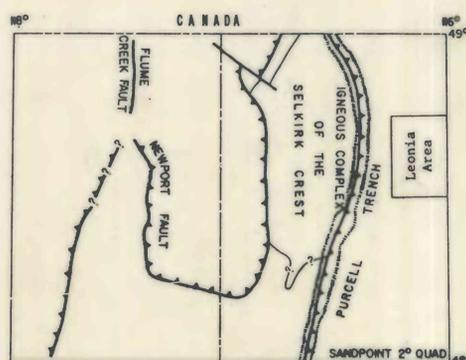
PRELIMINARY GEOLOGIC MAP OF THE LEONIA AREA
IDAHO AND MONTANA

BY

R. F. BURMESTER
1986

UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SKETCH MAP SHOWING MAJOR STRUCTURAL ELEMENTS WITHIN THE SANDPOINT 2° QUADRANGLE