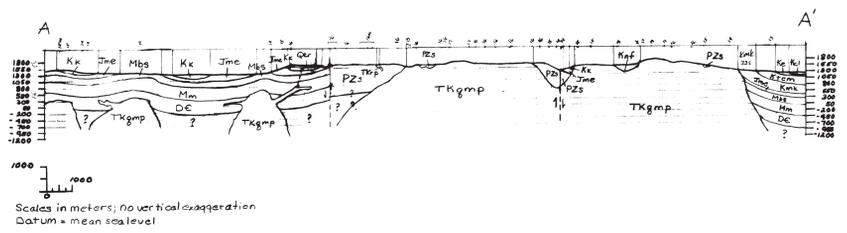


- MAP UNITS**
- Qal Alluvium of modern channels and flood plains
 - Qls Landslide deposit
 - Qat Alluvium of alluvial terrace deposit
 - Qao Alluvium, older, undivided
 - Cr Traverine deposit
 - Qab Alluvium of broad plains
 - Tb Breccia, intrusive
 - Temp Quartz monzonite porphyry
 - Tsp Syenite porphyry
 - Tbpa Breccia, intrusive, alkali granite porphyry
 - Tpa Granite porphyry, fine-grained
 - Tpa Granite porphyry, coarse-grained
 - Tba Breccia, intrusive
 - TKp Triquartzite porphyry
 - TKp Phylolite porphyry
 - TKmp Quartz monzonite porphyry
 - Kb Bearpaw Shale
 - Kf Judith River Formation
 - Kc Claggett Shale
 - Ke Eagle Formation
 - Ksc Telegraph Creek Formation
 - Kcm Telegraph Creek Formation and Marais River Formation, undivided
 - Kcb Telegraph Creek Formation through Belle Fourche Formation, undivided
 - Ks Nobrara Formation
 - Kcbf Nobrara Formation through Belle Fourche Formation, undivided
 - Kcl Nobrara Formation through Fall River Formation, undivided
 - Kca Carlin Formation
 - Kg Greenhorn Formation
 - Kcl Lower member of Belle Fourche Shale, internal
 - Kcm Mostly Sandstone Member of Belle Fourche Shale
 - Km Mowry Shale
 - Kmf Mowry Formation through Fall River Formation, undivided
 - K Thermopole Formation
 - Kf Thermopole Formation and Fall River Formation, undivided
 - Kf Fall River Formation
 - Ks Kootenai Formation
 - Jm Morrison Formation
 - Jms Morrison Formation and Swift Formation, undivided
 - Jo Elk Group, undivided
 - Jsw Swift Formation
 - Jp Rendon Formation and Piper Formation, undivided
 - Pzs Paleozoic Sedimentary rocks, undivided
 - Mh Heath Formation
 - Ma Otter Formation
 - Tal Alkali intrusive rocks



AGE CORRELATION AND UNIT THICKNESSES, CROSS SECTION ONLY
(Thickness data from October 1989)

Unit	Thickness (m)	Age Group
TKmp	?	CENOZOIC
Kcl	21m	CENOZOIC
Kc	4.2m	
Kcm	342m	MESOZOIC
Kcl	465m	
Kcm	335m	MESOZOIC
Kc	130m	
Kc	410m	PALEOZOIC
Pzs	1120m	
DC	480m	PALEOZOIC

Geologic Map of the
Lewistown 30' x 60' Quadrangle,
Central Montana

Karen W. Porter and Edith M. Wilde

1999

CROSS SECTION A-A' FOR GEOLOGIC MAP OF THE LEWISTOWN 30'x 60' QUADRANGLE

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1999



Maps may be obtained from
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Partial support has been provided by the
STATEMAP component of the National
Cooperative Geologic Mapping Program
of the U.S. Geological Survey under
Contract Number 98-HQ-AG-2080.