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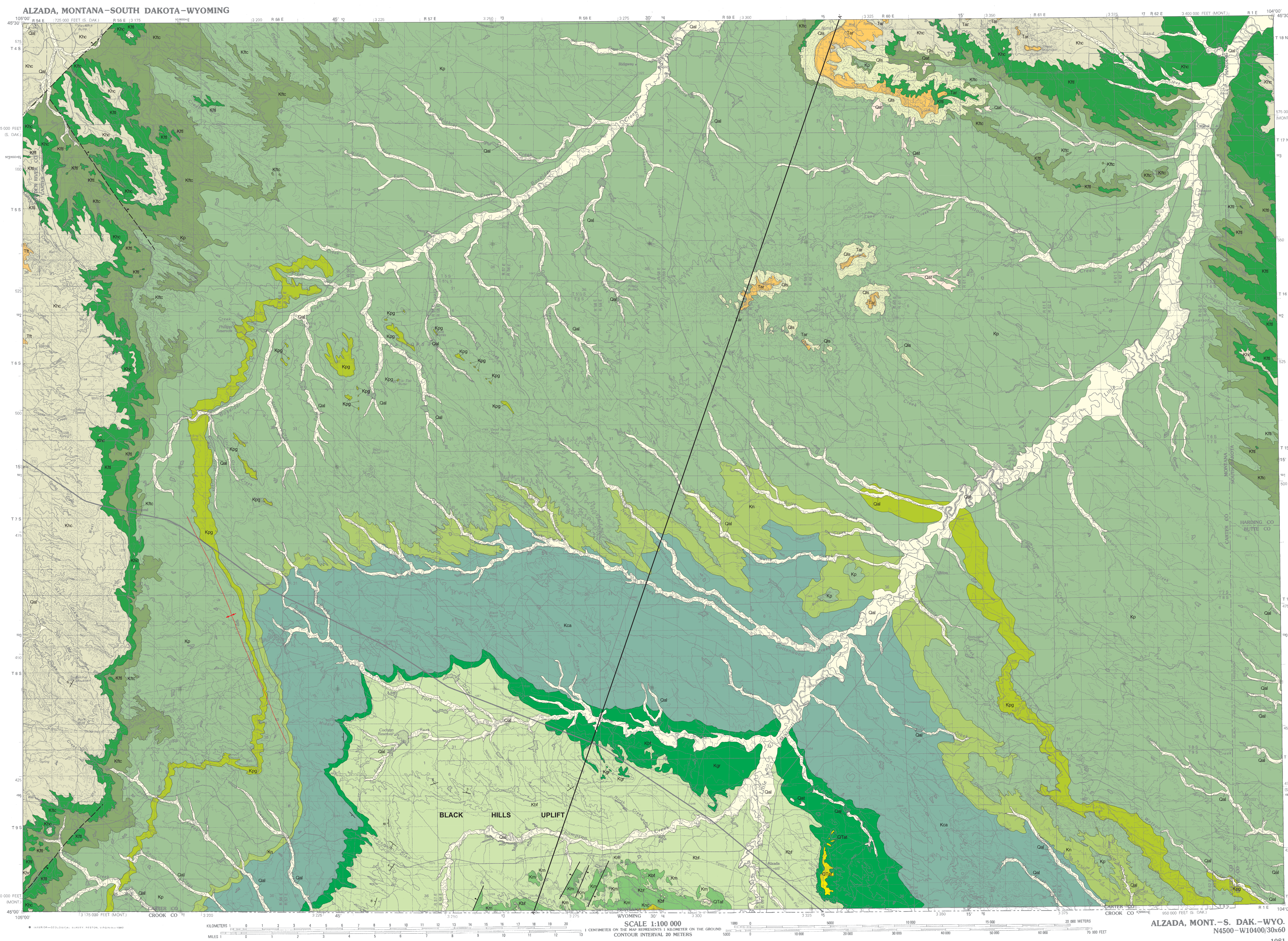
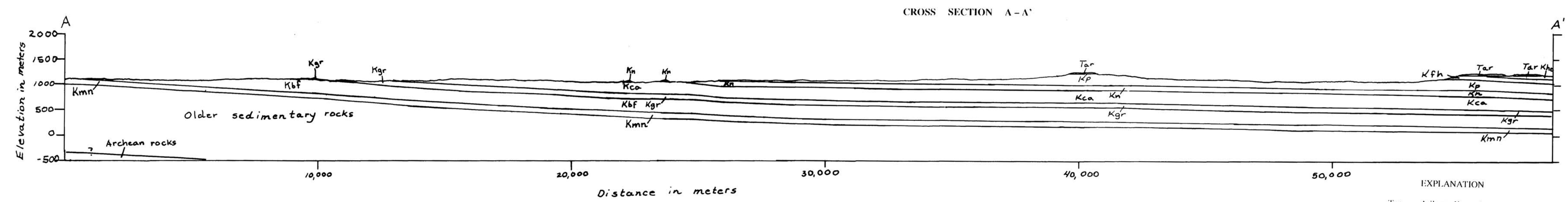
A Department of Montana Tech of The University of Montana



MAP UNITS

Qal	Alluvium of modern channels and flood plains
Qat	Alluvium of alluvial terrace deposit
Qls	Landslide deposit
QTat	Alluvium of alluvial terrace deposit
Tar	Arikaree Formation
Tft	Tullock Member of Fort Union Formation
Khc	Hell Creek Formation
Kftl	Timber Lake Member of Fox Hills Formation
Kftc	Trail City Member of Fox Hills Formation
Kp	Pierre Shale
Kpg	Groat sandstone bed, informal, of Pierre formation,
Kn	Niobrara Formation
Kca	Carlile Formation
Kgr	Greenhorn Formation
Kbf	Belle Fourche Shale
Km	Mowry Shale
Knc	Newcastle Formation

CROSS SECTION A – A'



Surficial deposits not shown
Vertical exaggeration: 2x
Datum: mean sea level

EXPLANATION

Tar	Arikaree Formation
Khc	Hell Creek Formation
Kfh	Fox Hills Formation
Kp	Pierre Shale
Kn	Niobrara Formation
Kca	Carlile Shale
Kgr	Greenhorn Formation
Kbf	Belle Fourche Formation
Kmn	Mowry and Newcastle Formations, Undivided

Montana Bureau of Mines and Geology
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Geologic Map of the Alzada 30' x 60' Quadrangle, Eastern Montana

Compiled and mapped by Susan M. Vuke, Edith M. Wilde, Roger B. Colton, and Robert N. Bergantino

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Maps may be obtained from
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