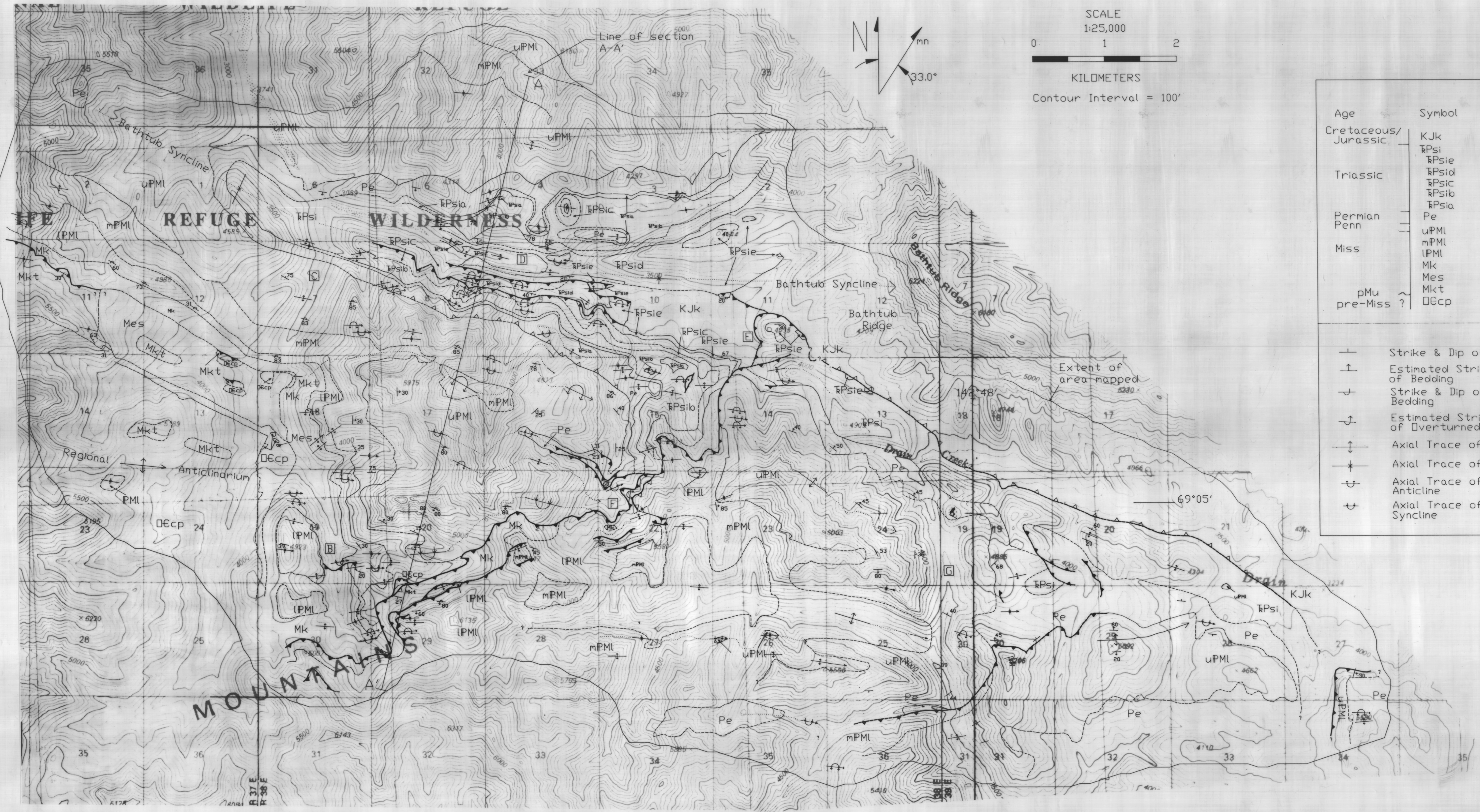


Tectonics and Sedimentation Research Group -
 Geophysical Institute and Department of Geology
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 In cooperation with the Alaska Division of
 Geological and Geophysical Surveys.



SCALE
 1:25,000
 0 1 2
 KILOMETERS
 Contour Interval = 100'

LEGEND

Age	Symbol	Unit Name	Detachment Layers
Cretaceous/ Jurassic	KJK	Kingak Shale	—
	rPsi	undivided Ivishak Fm.	—
Triassic	rPsie	Ivishak "e" member	—
	rPsid	Ivishak "d" member	—
	rPsb	Ivishak "b" member	—
	rPsa	Ivishak "a" member	—
Permian Penn	Pe	Echooka Fm.	—
Miss	uPML	upper Lisburne Limestone	—
	mPML	middle Lisburne Limestone	—
	lPML	lower Lisburne Limestone	—
pre-Miss	Mk	Kayak Shale	—
	Mes	"Endicott Siltstone"	—
	Mkt	Kekiktuk Conglomerate	—
pre-Miss ?	DEcp	pre-Mississippian Cherts and Phyllites	? — ?

MAP SYMBOLS	
—	Strike & Dip of Bedding
↑	Estimated Strike & Dip of Bedding
↯	Strike & Dip of overturned Bedding
↯	Estimated Strike & Dip of Overturned Bedding
—	Axial Trace of Anticline
—	Axial Trace of Syncline
—	Axial Trace of Overturned Anticline
—	Axial Trace of Overturned Syncline
—	Thrust Fault
—	Layer Parallel Detachment
—	Inferred Thrust Fault
—	Normal Fault
—	Trace of Fold Axial Surface
—	Lithologic Contact
—	Inferred Lithologic Contact
□	Camp Location

PRELIMINARY GEOLOGIC MAP OF THE AREA SOUTHWEST OF BATH TUB RIDGE
 ARCTIC NATIONAL WILDLIFE REFUGE, NORTHEASTERN BROOKS RANGE, ALASKA

Thomas X. Homza
 1991

