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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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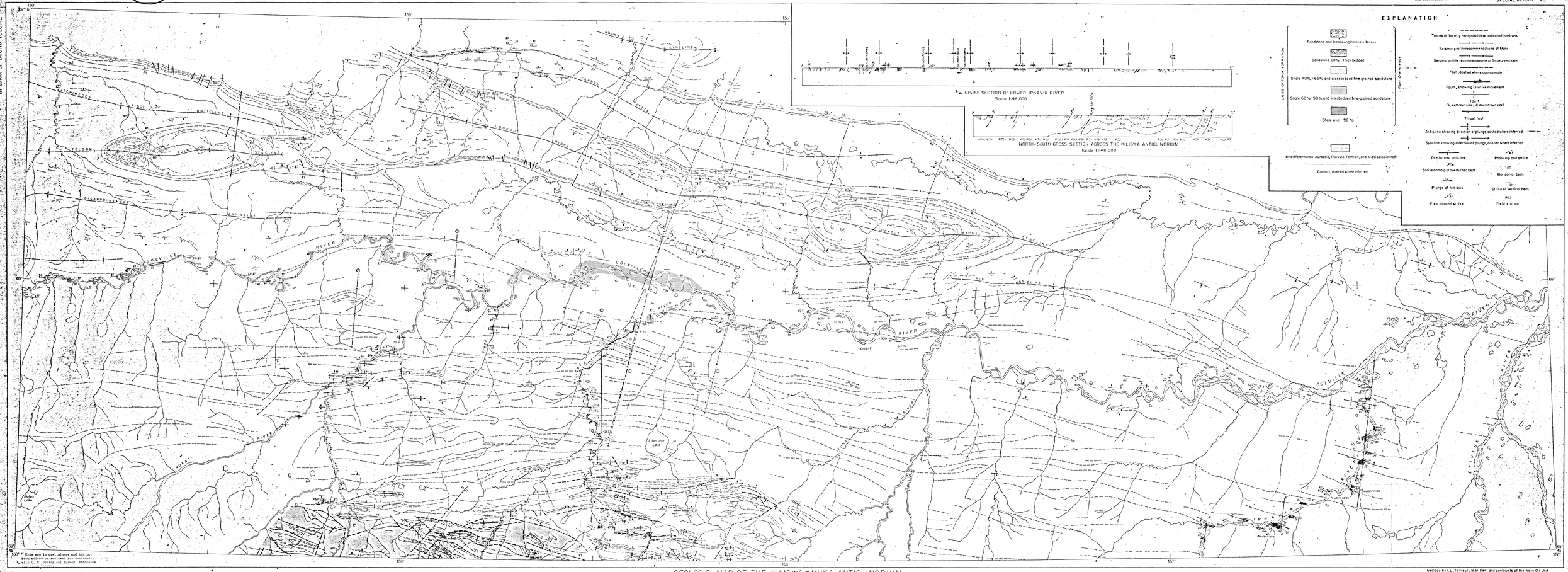
WASH.

PLEASE FOLD IN FRONT
IN BACK OF BOUND VOLUME

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

SPECIAL REPORT - 40


EXPLANATION
Sandstone and local conglomerate lenses
Sandstone 60% Thick bedded
Shale 40% - 65% and crossbedded fine-grained sandstone
Shale 60% - 90% and interbedded fine-grained sandstone
Shale over 90 %
UNITS OF TOPEK FORMATION
Lower Cretaceous
Undifferentiated Jurassic, Triassic, Permian, and Mississippian rocks
Contact, dashed where inferred
Traces of locally recognizable or indicated horizons
Seismic profile recommendations of Mohr
Seismic profile recommendations of Tailleur and Kent
Fault, dashed where approximate
Fault, showing relative movement
Fault
(U, upthrown side; D, downthrown side)
Thrust fault
Anticline showing direction of plunge, dashed where inferred
Syncline showing direction of plunge, dashed where inferred
Overturned anticline
Photo dip and strike
Strike and dip of overturned beds
Horizontal beds
Plunge of fold axis
Strike of vertical beds
Field dip and strike
Field station
CROSS SECTION OF LOWER IPNAVIK RIVER
Scale 1:48,000
NORTH-SOUTH CROSS SECTION ACROSS THE KILIGWA ANTICLINORIUM
Scale 1:48,000
ANTICLINE
SYNCLINE
FAULT
RIVER
Liberator Lake
Nuka Lake
Colville Lake
Point Lake
Ipnavik River
Kilgwa River
Nuka River
Lookout Ridge
Fossil Creek
Bisappointment Anticline
Gabriel Anticline
Grey Anticline
Ridge Anticline
Kingmingbes Ridge Anticline
Trough Syncline
Lookout Ridge Syncline
Fossil Creek Syncline
Gabriel Syncline
Grey Syncline
Ridge Syncline
Kingmingbes Ridge Syncline
Trough Anticline
Lookout Ridge Anticline
Fossil Creek