

EXPLANATION

INTRUSIVE ROCKS

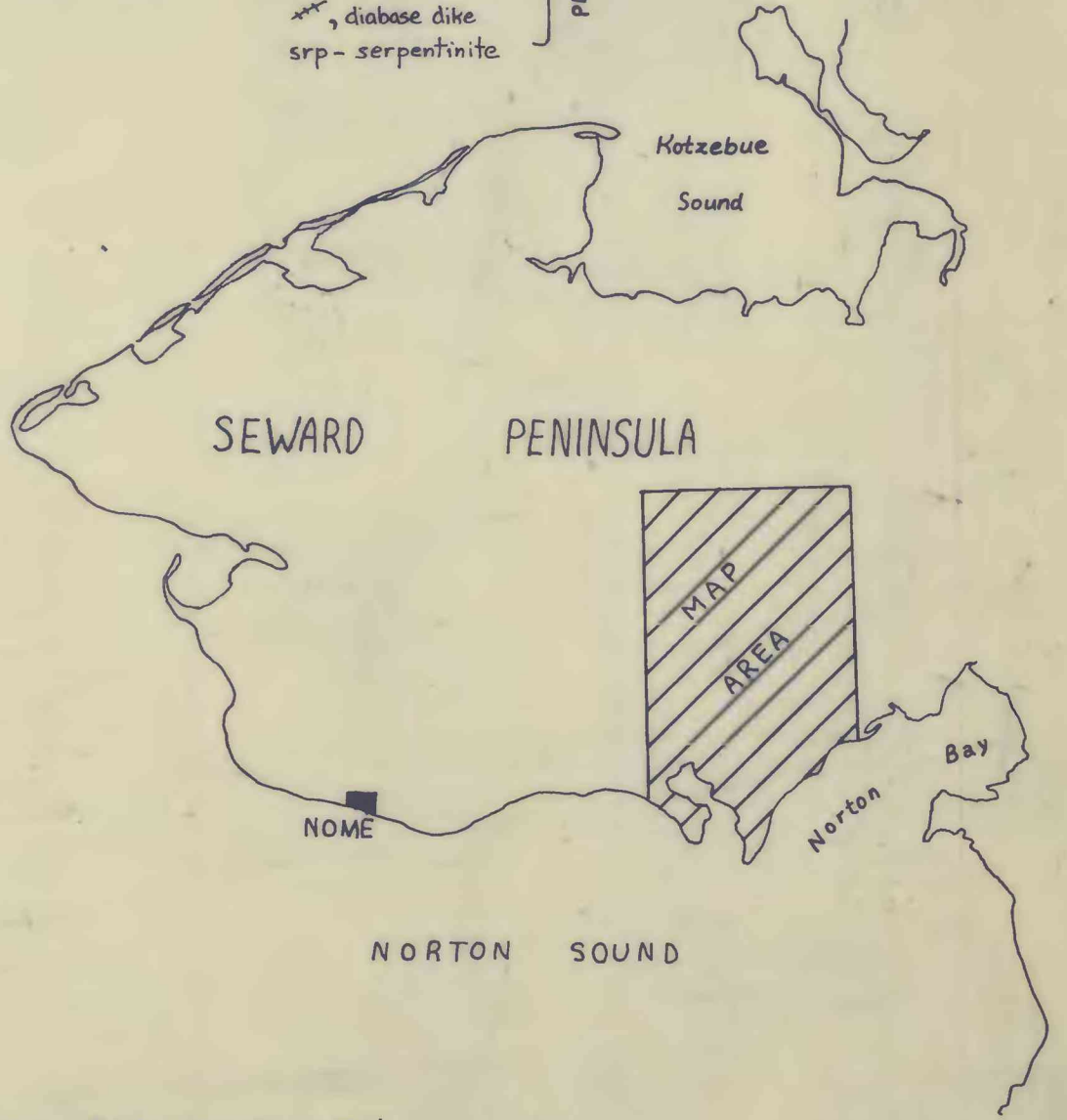
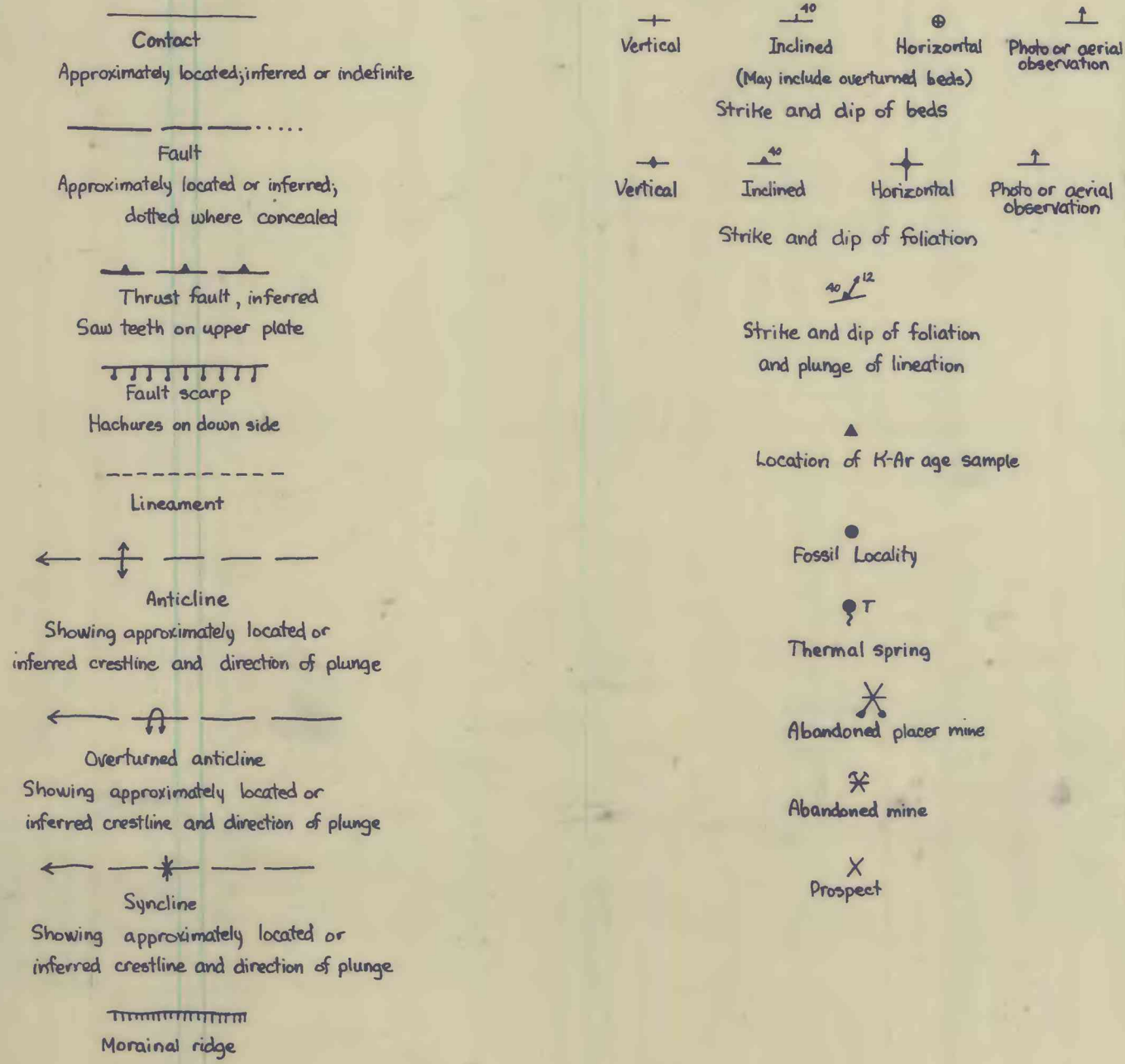
<div>Kdqm</div> <div>Quartz monzonite of Darby pluton</div>	<div>Kkg</div> <div>Granodiorite of Kachauik pluton</div>	<div>Kql</div> <div>Quartz latite porphyry / dike</div>	<div>Kbqm</div> <div>Quartz monzonite of Bendeleben pluton</div>	<div>Khi</div> <div>Hypabyssal intrusive rocks</div>	<div>Kklq</div> <div>Quartz monzonite of Kusitri Lake pluton</div>	<div>Kad</div> <div>Alkaline dikes *, orientation as shown *, orientation unknown</div>	<div>Kqm</div> <div>Quartz monzonite</div>	<div>Ksd</div> <div>Diorite of Spruce Creek pluton</div>	CRETACEOUS
<div>Kkms</div> <div>Monzonite and syenite of Kachauik pluton</div>	<div>Kkhd</div> <div>Hybrid diorite of Kachauik pluton</div>	<div>Kkgm</div> <div>Gneissic monzonite of Kachauik pluton</div>	<div>Kkns</div> <div>Nepheline syenite of Dry Canyon pluton</div>	<div>Kwcm</div> <div>Monzonite and quartz monzonite of Windy Creek pluton</div>	PRE-CRETACEOUS (?)				
		<div>kmg</div> <div>Granite gneiss of Kivalik Mountain pluton</div>							

METAMORPHIC AND SEDIMENTARY ROCKS

Qf Floodplain deposits	Qft Floodplain and tidal flat deposits Qft, younger Qft, older	QUATERNARY
Qca Colluvium and alluvium	Qs Sand deposits	
Qm Morainal deposits	Qo Outwash deposits	QUATERNARY
Kc Conglomerate		
mls Marble, limestone, and schist	Dld Limestone and dolomite	DEVONIAN
	pesm Schistose marble	
	pfgs Graphitic schist and metagiltstone	PRECAMBRIAN
	pqms Quartz-mica schist and metavolcanic rocks	
mi Migmatitic zone	pemc Metamorphic complex	
	pem Marble	

VOLCANIC ROCKS

Qlj Lost Jim Lava Flow	QUATERNARY
Qg Gosling Volcanics	
Qti Basalt flows Qti, Imuruk Volcanics Qtb, undifferentiated basalt *, vent and (or) cone	TERTIARY AND (OR) QUATERNARY
Qtb	
pmv Mafic volcanic rocks *, diabase dike srp - serpentinite	PERMIAN (?)



This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards

Explanation to accompany: Preliminary Geologic Map of the Eastern Seward and Southeastern Bendeleben Quadrangles, Eastern Seward Peninsula, Alaska 1972