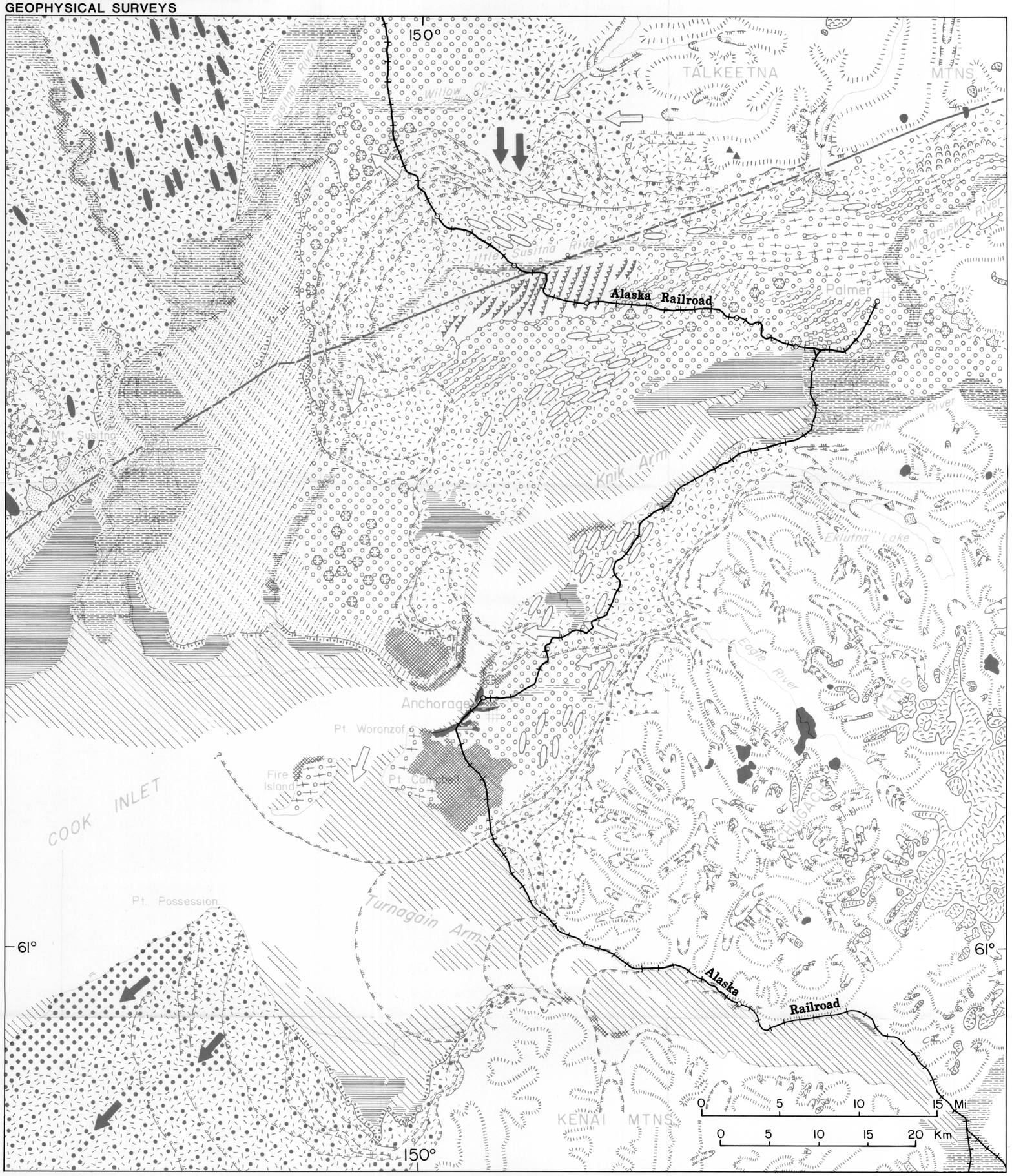

PHYSIOGRAPHIC MAP OF THE UPPER COOK INLET AREA, ALASKA

Compiled by
R.D. Reger and R.G. Updike
1982
(from Péwé and Reger, 1983)

EXPLANATION

LANDFORMS AND FEATURES DIRECTLY RELATED TO FORMER GLACIATIONS

LANDFORM-FEATURE \ GLACIATION	ALASKA: Tunnel advance	ALASKA: Tustumena advance	NAPTOWNE	KNIK	EKLUTNA	CARIBOU HILLS	MOUNT SUSITNA
End moraine or former ice limit							
Rogen moraine; teeth point in direction of former basal thrusting							
Drumlin field showing dominant alignment							
Drift sheet							
Large ice-scoured bedrock outcrop							
Isolated erratics or small concentrations							
Complex ice-contact topography showing general landform trends							
Kame-esker complex showing dominant landform trends							
Crevasse-fill-ridge complex showing dominant landform trends							
Unpitted outwash plain, fan, or train							
Pitted outwash plain, fan, or train							
Major meltwater drainage course							

MODERN GLACIER

Symbols convex downglacier

LANDFORMS, FEATURES, AND LOCALITIES NOT DIRECTLY RELATED TO GLACIATION

Exposure of Bootlegger Cove Formation or area underlain by Bootlegger Cove Formation

High-level tidal flat

Modern tidal flat

Prominent wave- or stream-cut scarp; hachures point downslope

Sandy fan-delta plain; generally underlain by Bootlegger Cove Formation

Modern flood plain and low terraces

Large alluvial fan

Large landslide

U / D — Trace of Castle Mountain fault; dashed where approximate; U on upthrown block; D on downthrown block

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