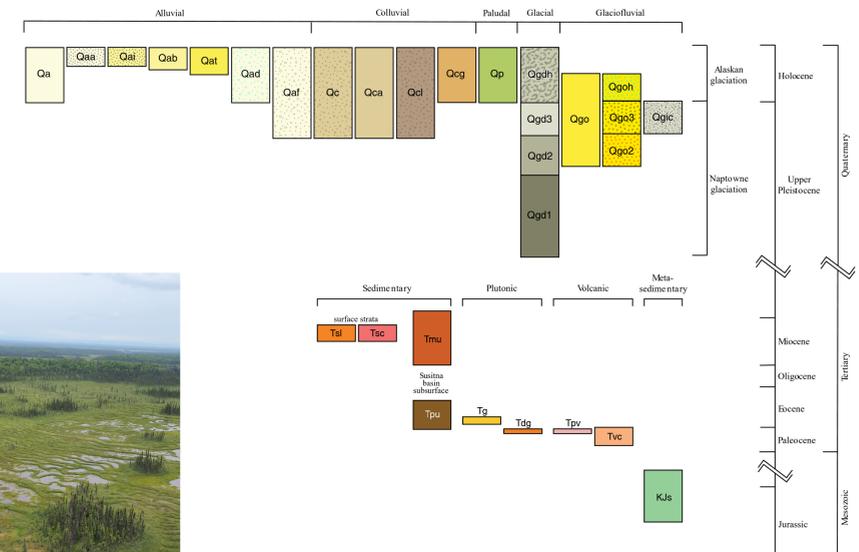


CORRELATION OF MAP UNITS



Aerial view of extensive string bogs in swampy lowlands east of Beluga Mountain (photograph taken on 7/18/24 by S.L. Walser).

Sample	Type	Age (Ma) ¹	Material	Map unit	Age notes
24AVD122C	U-Pb	143.4	zircon	Kjs	YSP
24JDB031	U-Pb	54.3	zircon	Tg	WM
24JDB037	U-Pb	56.8	zircon	Tvc	YSP
24JDB090	U-Pb	55.9	zircon	Tg	WM
24BG203A	U-Pb	13.7	zircon	Tsc	YSP
24BG203B	U-Pb	59.3	zircon	Tsc	Detrital
24BG262C	U-Pb	59.3	zircon	Tvp	YSP
24BG288B	U-Pb	57.6	zircon	Tvg	WM
24BG296B	U-Pb	63.8	zircon	Tvc	YSP
24BG327B	U-Pb	55.9	zircon	Tvc	YSP
24SLW119.2 ³	Palynology	~12-10	mudstone	Tsl	
24SLW136	Palynology	~18-14	mudstone	Tsl	
24BG200A	Palynology	~18-14	mudstone	Tsl	
24BG203C	Palynology	~12-10	coal	Tsl	
24BG303A	Palynology	~12-10	claystone	Tsl	

¹U-Pb ages reported in Gillis and others (2026), palynology ages reported in Zippi and others (2025).
²YSP: Youngest Statistical Population, WM: Weighted Mean
³Station located outside map boundary

Geologic Map of the West Susitna Area, Parts of the Tyonek C-3, C-4, D-4, and D-5 Quadrangles, Alaska: Southeast Sheet

by

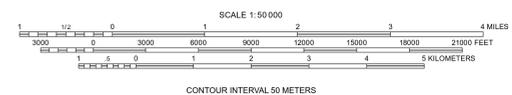
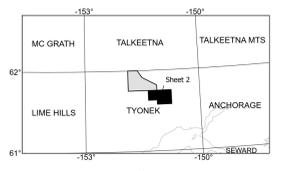
S.L. Walser¹, R.J. Gillis¹, J.D. Bernt², J.B. Salisbury¹, A.V. Diaz², and Hubbard, T.D.¹

2026

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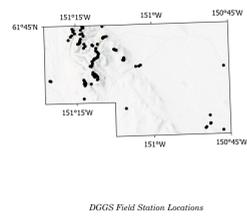
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Projection:
Universal Transverse Mercator Zone 5N
Datum:
North American Datum of 1983

Topographic base map created from:
U.S. Geological Survey, EROS Data Center, 2013, Digital elevation - Interferometric Synthetic Aperture Radar (IFSAR) - Alaska

Geologic field investigations by:
S.L. Walser, R.J. Gillis, J.B. Salisbury, T.D. Hubbard, J.D. Bernt, A.V. Diaz, and I.G. Jovanovich (2024)

Geologic interpretation by:
S.L. Walser, R.J. Gillis, J.D. Bernt, and T.D. Hubbard (2024-2026)

Active faults mapped by:
J.B. Salisbury (2025)

Geologic GIS data layers created by:
S.L. Walser and R.J. Gillis (2024-2026)

Cartography by:
S.L. Walser and A.E. Macpherson (2025-2026)

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