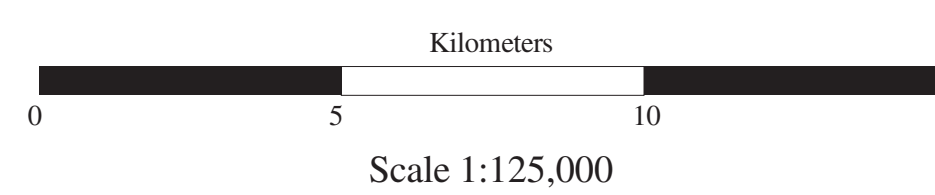
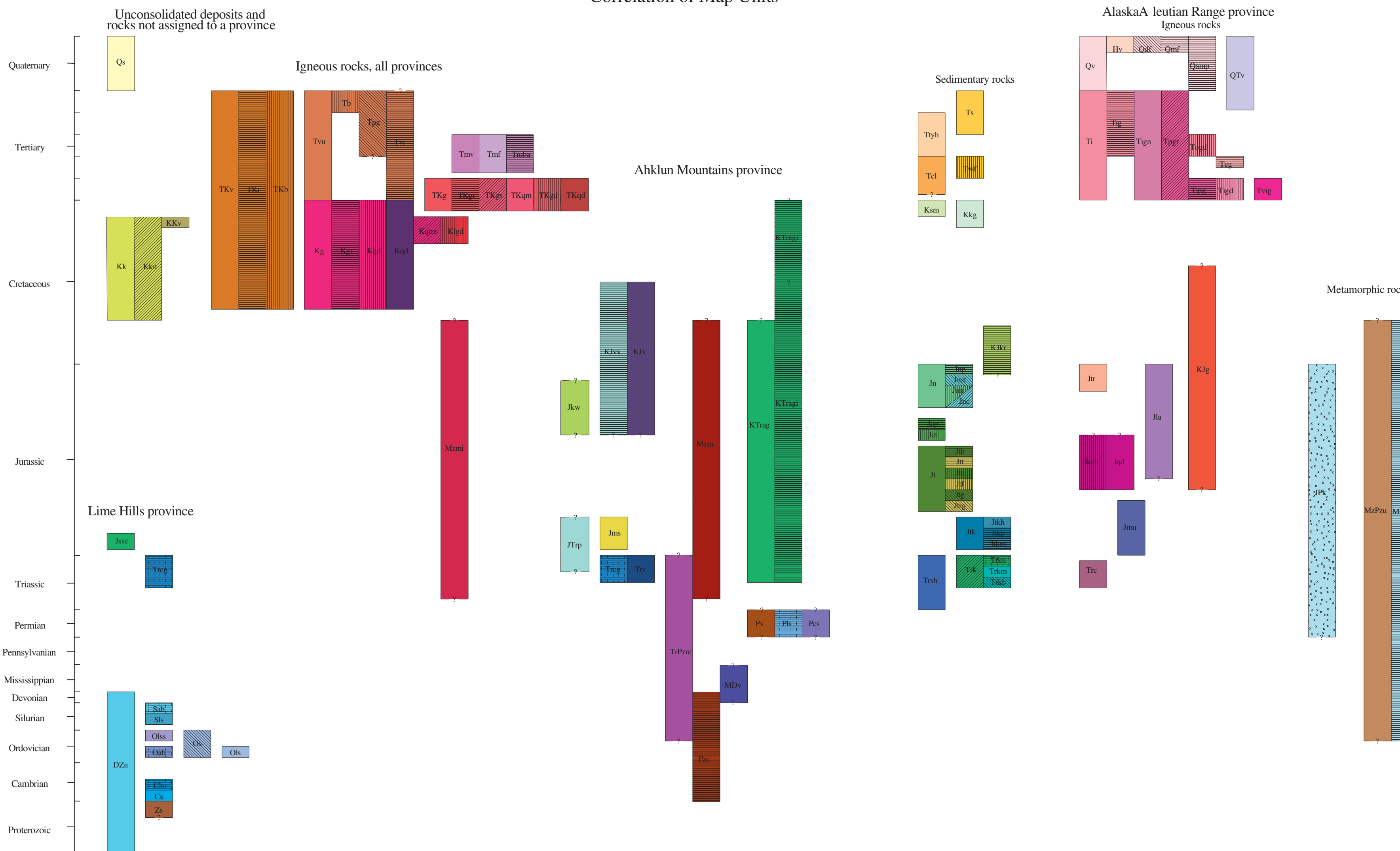


Inset map showing rocks of the Lime Hills province in the northeastern Taylor Mountains quadrangle



- Unconsolidated deposits and rocks not assigned to a province**
- Qs Surficial deposits, undivided
 - Qsb Scoured bedrock
 - bu Bedrock unknown
 - Kk Kuskokwim Group
 - Kkn Kuskokwim Group, Nearshore facies
 - Kkv Kuskokwim Group? volcanic rocks
 - Contact metamorphosed rock overprint
- Ahklun Mountains province**
- Klvs Volcanic and sedimentary rocks
 - KJv Olivine basalt
 - KJw Graywacke of Kulukak Bay
 - Togiak Tikhik Complex
 - Mzm Melange
 - KTrag Argillite and graywacke
 - KTragi Argillite and graywacke, cut by dike swarms
 - Jms Sedimentary rocks
 - JTtp Phyllite and chert
 - Treg Triassic Limestone
 - Trv Volcanic rocks
 - TrPzrc Rainbow chert
 - Pv Volcanic rocks
 - Pls Limestone
 - Pes Clastic rocks
 - MDv Greenstone, phyllite, and schist
 - Pzc Black chert
- Lime Hills province**
- Jssc Chert, sandstone, and siltstone
 - Trlc Limestone, silty limestone, and chert
 - DZn Farewell terrane, Nixon Fork subterrane, undivided
 - Sab Algal boundstone
 - Sls Lime mudstone
 - Ols Tcherskidium bearing limestone
 - Os Shale
 - Oab Algal boundstone and lime mudstone
 - Ols Lime mudstone
 - Cls Limestone
 - Cs Clastic and carbonate rocks
 - Zs Dolostone, limestone orthoquartzite, and minor chert
- AlaskaA leutian Range province (cont.)**
- Structural assemblages**
- JPK Kakhonak and Tikakila Complexes
- Igneous rocks**
- Qv Volcanic rocks, undivided
 - Hv Volcanic rocks
 - Qdf Debris flow deposits
 - Qmf Volcanic rubble and mudflows
 - Qamp Andesite and dacite domes
 - QTV Volcanic rocks, undivided
 - Alaska Aleutian Range batholith
 - Ti Intrusive rocks, undivided
 - Tig Granite and aplite
 - Tign Gabbronorite
 - Tpgr Peralkaline granite
 - Togd Granodiorite and quartz monzodiorite
 - Teg Granite
 - Tipg Older granite
 - Tigd Granodiorite
 - Tvig Ignimbrite
 - KJg Mafic granitic rocks
 - Jurassic phase, Alaska Aleutian Range batholith
 - Jtr Trondhjemite
 - Jqm Granodiorite and quartz monzonite
 - Jqd Quartz diorite, tonalite, and diorite
 - Jla Lamprophyre and basalt dikes
 - Jmu Mafic and ultramafic plutonic rocks
 - Trc Cottonwood Bay and Chilikradotna Greenstones
- Metamorphic rocks**
- MzPzu Metamorphic rocks
 - MzPzb Metamorphosed mafic volcanic and sedimentary rocks
- Igneous rocks, all provinces**
- Tvu Volcanic rocks, undivided
 - Tb Basaltic volcanic rocks
 - Tpg Gibraltar Lake Tuff
 - Tvr Felsic volcanic rocks
 - Tmv Volcanic rocks, undivided
 - Tmf Tuffaceous felsic volcanic rocks
 - Tmba Basalt and andesite
 - TKv Volcanic rocks
 - TKr Rhyolite and dacite flows, tuff, dikes, and sills
 - TKb Basalt flows
 - TKg Granitic rocks, undivided
 - TKgr Granite and alaskite
 - TKgs Syenitic rocks
 - TKqm Quartz monzonite and quartz monzodiorite
 - TKgd Granodiorite
 - TKqd Monzodiorite and quartz diorite
 - Mzmi Mafic igneous rocks
 - Kg Plutonic rocks, undivided
 - Kqms Quartz monzonite and syenite
 - Klgd Granodiorite
 - Kgr Granite
 - Kgd Granodiorite
 - Kqd Quartz diorite
- AlaskaA leutian Range province**
- Sedimentary rocks**
- Ts Sedimentary rocks
 - Tyb Kenai Group: Tyonek Formation and Hemlock Conglomerate, undivided
 - Twf West Foreland Formation
 - Tcl Copper Lake Formation, undivided
 - Ksm Saddle Mountain section of Magoon and others (1980)
 - Kkg Kaguyak Formation
 - KJkr Kossetna River sequence of Wallace and others (1989)
 - Jn Naknek Formation
 - Jnp Pomeroy Arkose Member
 - Jnst Snug Harbor Siltstone Member
 - Jnn Northeast Creek Sandstone Member
 - Jnc Chisik Conglomerate Member
 - Chinina Formation
 - Jcp Paveloff Siltstone Member
 - Jct Tonnie Siltstone Member
 - Jt Tuxedni Group
 - Jfb Bowser Formation
 - Jtt Twist Creek Siltstone
 - Jtc Cynthia Falls Sandstone
 - Jtf Fitz Creek Siltstone
 - Jtg Gaikema Sandstone
 - Jtrg Red Glacier Formation
 - Jik Tallkeetna Formation
 - Jikh Horn Mountain Tuff Member
 - Jtkp Portage Creek Agglomerate Member
 - Jtkm Marsh Creek Breccia Member
 - Trk Kamishak Formation
 - Trku Ursus Member
 - Trkm Middle Member
 - Trkb Bruin Limestone Member
 - Trsh Gray shale and gray volcanoclastic sandstone

Correlation of Map Units



Not shown are map units bu (Bedrock unknown), Qsb (Scoured bedrock), and um (unmapped); these could represent any of the other mapped units.

**BEDROCK GEOLOGIC MAP OF
THE NORTHERN ALASKA PENINSULA AREA, SOUTHWEST ALASKA**

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