



DEFINITION OF MAP UNITS

INTRUSIVE ROCKS	STRATIFIED ROCKS	LITHOSTRATIGRAPHIC UNITS
Tq	Quaternary	Qs
Tg	Quaternary and Tertiary	QTV
Tt	Quaternary and Tertiary	Ts
Tp	Quaternary and Tertiary	Tv
Tk	Quaternary and Tertiary	Ks
Tj	Quaternary and Tertiary	Kd
Ti	Quaternary and Tertiary	Kv
Tl	Quaternary and Tertiary	Kw
Tm	Quaternary and Tertiary	Kx
Tn	Quaternary and Tertiary	Ky
To	Quaternary and Tertiary	Kz
Tp	Quaternary and Tertiary	Ps
Tq	Quaternary and Tertiary	Pv
Tg	Quaternary and Tertiary	Pd
Tt	Quaternary and Tertiary	Pw
Tp	Quaternary and Tertiary	Px
Tg	Quaternary and Tertiary	Pz
Tt	Quaternary and Tertiary	Ms
Tp	Quaternary and Tertiary	Md
Tg	Quaternary and Tertiary	Mw
Tt	Quaternary and Tertiary	Mx
Tp	Quaternary and Tertiary	Mz
Tg	Quaternary and Tertiary	Ds
Tt	Quaternary and Tertiary	Dv
Tp	Quaternary and Tertiary	Dd
Tg	Quaternary and Tertiary	Dw
Tt	Quaternary and Tertiary	Dx
Tp	Quaternary and Tertiary	Dz
Tg	Quaternary and Tertiary	Os
Tt	Quaternary and Tertiary	Ov
Tp	Quaternary and Tertiary	Od
Tg	Quaternary and Tertiary	Ow
Tt	Quaternary and Tertiary	Ox
Tp	Quaternary and Tertiary	Oz
Tg	Quaternary and Tertiary	Cs
Tt	Quaternary and Tertiary	Cv
Tp	Quaternary and Tertiary	Cd
Tg	Quaternary and Tertiary	Cw
Tt	Quaternary and Tertiary	Cx
Tp	Quaternary and Tertiary	Cz
Tg	Quaternary and Tertiary	Ps
Tt	Quaternary and Tertiary	Pv
Tp	Quaternary and Tertiary	Pd
Tg	Quaternary and Tertiary	Pw
Tt	Quaternary and Tertiary	Px
Tp	Quaternary and Tertiary	Pz
Tg	Quaternary and Tertiary	Ms
Tt	Quaternary and Tertiary	Md
Tp	Quaternary and Tertiary	Mw
Tg	Quaternary and Tertiary	Mx
Tt	Quaternary and Tertiary	Mz
Tp	Quaternary and Tertiary	Ds
Tg	Quaternary and Tertiary	Dv
Tt	Quaternary and Tertiary	Dd
Tp	Quaternary and Tertiary	Dw
Tg	Quaternary and Tertiary	Dx
Tt	Quaternary and Tertiary	Dz
Tp	Quaternary and Tertiary	Os
Tg	Quaternary and Tertiary	Ov
Tt	Quaternary and Tertiary	Od
Tp	Quaternary and Tertiary	Ow
Tg	Quaternary and Tertiary	Ox
Tt	Quaternary and Tertiary	Oz
Tp	Quaternary and Tertiary	Cs
Tg	Quaternary and Tertiary	Cv
Tt	Quaternary and Tertiary	Cd
Tp	Quaternary and Tertiary	Cw
Tg	Quaternary and Tertiary	Cx
Tt	Quaternary and Tertiary	Cz

EXPLANATION
GEOLOGIC MAP SYMBOLS

CONTACT: dashed where approximately located, dotted where concealed, queried where inferred
 FAULT: dashed where interpreted or approximately located, dotted where concealed
 THRUST FAULT: sawtooth on upper plate; dashed where interpreted or approximately located, dotted where concealed
 COAST RANGE MEGALINEAMENT: topographic or structural lineament (Brew and Ford, 1979)
 Pattern indicates significant component of intrusive rock in stratified unit or stratified rock in intrusive unit
 Ice and snow

CLASSIFICATION OF MINERAL DEPOSITS
(Combined symbols indicate more than one type of deposit at locality)

MAP SYMBOL LETTER CODE

MAP SYMBOL LETTER CODE	TYPE OF DEPOSIT
V	Epigenetic base- or ore-hosted vein deposit; also includes "hydrothermal replacement" deposits in or near veins or fault zones.
MS, VM, SM	Stratiform massive sulfide deposit; includes metamorphosed hostrocks and deposits. Undivided (letter code MS); v, volcanic-hosted (letter code VM); s, sediment-hosted (letter code SM)
DS	Disseminated sulfide deposit. Includes stratiform deposits in volcanic, volcanoclastic, or sedimentary rocks, and disseminated sulfide minerals of uncertain origin in plutonic rocks. Includes metamorphosed hostrocks and deposits
P	Porphyry deposit
S	Skarn or other contact-metamorphic deposit
MUR	Magmatic uranium-thorium (U-Th) or rare-earth element (REE) deposit
MOS	Magmatic oxide or sulfide deposit
VR	Rare-earth element (REE)-bearing vein deposit
SU	Sandstone-hosted uranium deposit
	Placer deposit
	Tick mark indicates equivocal or unverified type of deposit
	Unclassified deposit
	Numbers correspond to deposits listed by quadrangles in appendix. In crowded areas, leader shows position of deposit

MINERAL ASSESSMENT TRACTS
(Numbered tracts are described in accompanying text)

RANK	ASSESSMENT CRITERIA
1V	Favorable for type(s) of deposit(s) specified by letter code(s) 1. Known occurrence(s) of specified type(s) of mineral deposit(s), and 2. Favorable geological, geochemical, or geophysical indications of specified type(s) of deposit(s)
2V, S	Probably (moderately) favorable for type(s) of deposit(s) specified by letter code(s) 1. Occurrences of equivocal or unverified type(s) of deposit(s), or of unclassified deposits, and 2. Favorable geological, geochemical, or geophysical indications of specified type(s) of deposit(s)
3V, MS	Possibly favorable for type(s) of deposit(s) specified by letter code(s) 1. No known mineral occurrences or scattered quartz veins, or 2. Favorable geological, geochemical, or geophysical indications of specified type(s) of deposit(s)
	Insufficient public data to define and rank individual tracts containing metallic mineral resources

MAP OF SOUTHEASTERN ALASKA SHOWING GEOLOGY, CLASSIFICATION OF MINERAL DEPOSITS, AND MINERAL ASSESSMENT TRACTS

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.