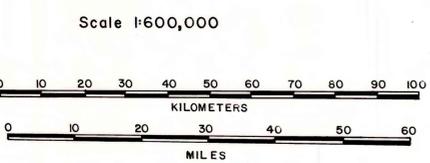


DEFINITION OF MAP UNITS

INTRUSIVE ROCKS	STRATIFIED ROCKS
Tp Gabbro (Miocene to Eocene)	Qs Sedimentary deposits (Quaternary)
Tpr Granite (Miocene and Oligocene)	Qv Volcanic rocks (Quaternary and Tertiary)
Tgt Grandodiorite (Oligocene and Eocene)	Ts Sedimentary rocks (Quaternary and Tertiary)
Tg Grandodiorite (Eocene)	Tv Volcanic rocks (Tertiary)
Tgr Grandodiorite (Paleocene and Cretaceous)	Ks Sedimentary rocks (Cretaceous)
Ttr Tonalite (Paleocene and Late Cretaceous)	Kv Sedimentary rocks (Early Cretaceous, and late and middle Jurassic)
Tst Grandodiorite and tonalite (Late Cretaceous)	Kv Volcanic rocks (Early Cretaceous, and late and middle Jurassic)
Tg Grandodiorite (Early Cretaceous)	Kv Sedimentary and volcanic rocks (Early Cretaceous, and late and middle Jurassic)
Kd Diorite (Early Cretaceous)	Kv Sedimentary rocks (Late Triassic)
Km Ultramafic rocks (Early Cretaceous and Cretaceous)	Tv Volcanic rocks (Rhyolitic to basaltic) (Late Triassic)
Kd Diorite (Early Cretaceous and (or) Jurassic)	Tv Basaltic rocks (Triassic)
Kgb Gabbro (Early Cretaceous and (or) Jurassic)	Tc Carbonate rocks (Early Triassic and Permian)
Tgt Granite (Middle Jurassic)	Pc Carbonate rocks (Early Permian, Permian, and Pennsylvanian)
Tt Tonalite (Middle Jurassic)	Pv Sedimentary rocks (Early Permian and Permian)
Tg Grandodiorite (Early Jurassic and (or) Triassic)	Pv Volcanic rocks (Early Permian and Permian)
Sp Granite (Early Permian and (or) late Pennsylvanian)	Pc Carbonate rocks (Pennsylvanian)
St Granite (Middle Jurassic (Silurian))	Pv Sedimentary rocks (Pennsylvanian)
Sq Quartz diorite and quartz monzonite (Early Silurian to middle Ordovician)	Pm Sedimentary rocks (Pennsylvanian and Mississippian)
Su Ultramafic rocks (Early Silurian to middle Ordovician)	Mc Carbonate rocks (Mississippian and Mississippian)
Gg Gabbro (Middle Ordovician)	Md Carbonate rocks (Mississippian and late Devonian)
Dd Diorite and grandodiorite (Early Ordovician and Cambrian)	Dc Carbonate rocks (Devonian and Devonian)

(Base adapted from National Atlas
1:2,000,000 Series: Southeastern
ALASKA, Sheet 37, U.S. Geological
Survey, 1970)



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 TYPE OF DEPOSIT

- V Epigenetic base- or precious-metal vein deposit; also includes "hydrothermal replacement" deposits in or near veins or fault zones
- MS, VM, SM Stratatound or 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 stratatound 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)
- 2V.S Probably (moderately) favorable for type(s) of deposit(s) specified by letter code(s)
- 3V.M.S Possibly favorable for type(s) of deposit(s) specified by letter code(s)
- Areas outside tracts Insufficient public data to define and rank individual tracts containing metallic mineral resources

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)

1. Occurrences of equivocal or of 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)

1. No known mineral occurrences or scattered quartz veins, or
2. Favorable geological, geochemical, or geophysical indications of specified type(s) of deposit(s)