Legend to Geologic Maps Q Quaternary; alluvium, lake, playa, and terrace deposits Qs Quaternary; marine and nonmarine sand deposits Qls Quaternary; nonmarine, landslides Qg Quaternary; nonmarine, glacial till and moraines Qrv Quaternary-Recent; volcanic flow rocks Qrvp Quaternary-Recent; volcanic pyroclastic and mudflow deposits Qv Quaternary; volcanic flow rocks Qv? Quaternary; volcanic flow rocks (uncertain correlation) Qvp Quaternary; pyroclastic and volcanic mudflow deposits Qvp? Quaternary; pyroclastic deposits (uncertain correlation) Tv Tertiary; volcanic flow rocks Tvp Tertiary; pyroclastic and volcanic mudflow deposits Ti Tertiary; shallow intrusive rocks grCz Tertiary; granitic plutonic rocks grCz? Tertiary; granitic plutonic rocks (uncertain correlation) P Pliocene; marine sandstone, shale, siltstone, conglomerate QPc Pleistocene - Pliocene; nonmarine sandstone, shale, gravel M Miocene; marine sandstone, shale, siltstone, conglomerate M? Miocene; marine sedimentary rocks (uncertain correlation) Mc Miocene; nonmarine sandstone, shale, conglomerate Tc Tertiary; nonmarine sandstone, shale, conglomerate O Oligocene; marine sandstone, shale, siltstone, conglomerate Oc? Oligocene; nonmarine sedimentary rocks (uncertain correlation) Oc Oligocene; nonmarine sandstone, shale, conglomerate E Eocene; marine sandstone, shale, siltstone, conglomerate Ec Eocene; nonmarine shale, sandstone, conglomerate Ep Paleocene; marine sandstone, shale, siltstone, conglomerate E-Ep Eocene - Paleocene; marine sedimentary rocks TK Tertiary-Cretaceous; marine sedimentary and metasediment rocks gr undated granitic rocks grMz Mesozoic; granite, quartz monzonite grMz? Mesozoic; granite, quartz monzonite (uncertain correlation) gb Mesozoic; gabbro and dioritic rocks um Mesozoic; ultramafic rocks gr-m Mesozoic-Precambrian; granitic and metamorphic rocks Is Mesozoic-Paleozoic; limestone, dolomite and marble sch Mesozoic-Paleozoic; schist m pre-Cenozoic; metasedimentary and metavolcanic rock Mzv Mesozoic; volcanic and metavolcanic rocks mv pre-Cenozoic; metavolcanic rocks K Cretaceous; marine sedimentary rocks K? Cretaceous; marine sedimentary rocks (uncertain correlation) Ku-Ep Paleocene - upper Cretaceous; marine sedimentary rocks Ku? Upper Cretaceous; marine sedimentary and metasediment rocks (uncertain correlation) Ku Upper Cretaceous; marine sedimentary and metasediment rocks KI Lower Cretaceous; marine sedimentary and metasediment rocks KI? Lower Cretaceous; marine sedimentary rocks (uncertain correlation) KJf Cretaceous - Jurassic: Franciscan Complex - shale, chert, limestone KJfm Cretaceous - Jurassic: Franciscan Complex melange M+KJfs Miocene marine sedimentary rocks & Cretaceous - Jurassic: Franciscan Complex schist KJfs Cretaceous - Jurassic: Franciscan Complex schist, blueschist J Jurassic; marine sedimentary and metasediment rocks J? Jurassic; marine sedimnetary rocks (uncertain correlation) Tr Triassic; marine sedimentary and metasediment rocks grPz Paleozoic and Permo-Triassic; granitic rocks Pz Paleozoic; metasedimentary rocks Pzv Paleozoic; metavolcanic rocks

Pm Permian; marine sedimentary and metasediment rocks C Carboniferous; marine sedimentary and metasediment rocks D Devonian; Marine sedimentary and metasediment rocks SO Silurian-ordovician; marine sedimentary and metasediment rocks Ca Cambrian; marine sedimentary and metasediment rocks pC pre-Cambrian; marine sedimentary and metasediment rocks pCc Precambrian; igneous and metamorphic rocks grpC Pre-Cambrian; granite, syenite, anorthosite grpC? Pre-Cambrian; granite, syenite, anorthosite (uncertain correlation) Water Faults Fault, certain - - Fault, approx. located - fault, approx. located, queried ······ fault. concealed ····· fault, concealed, queried - - - @ fault, inferred, queried thrust fault, certain - - thrust fault, approx. located ······ thrust fault, concealed