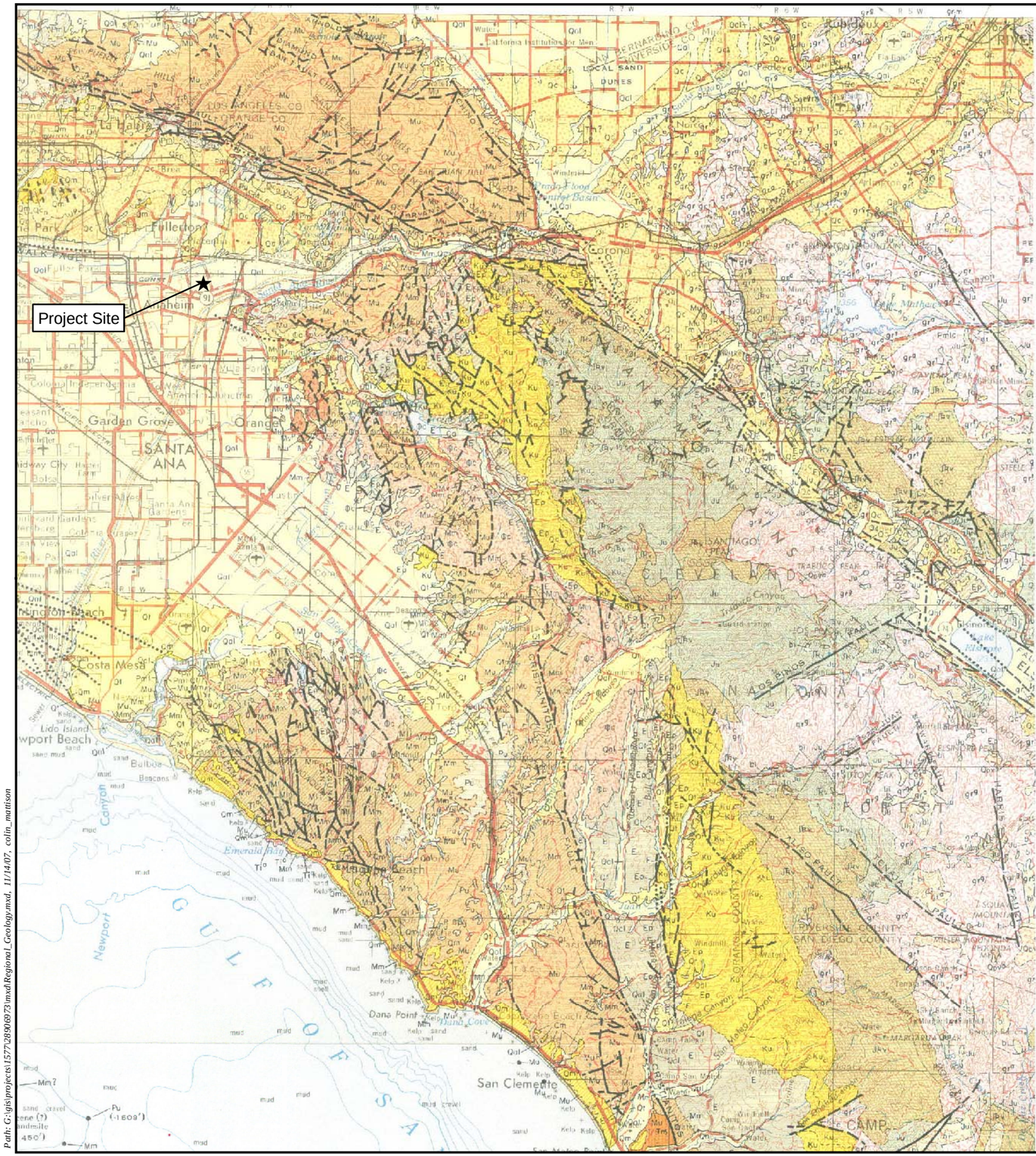

LEGEND

SEDIMENTARY AND META-SEDIMENTARY ROCKS

- Qs — Dune sand
- Qal — Alluvium
- Qsc — Stream channel deposits (GREAT VALLEY)
- Qf — Fan deposits (GREAT VALLEY)
- Qb — Basin deposits (GREAT VALLEY)
- Qsf — Salt deposits
- Ql — Quaternary lake deposits
- Qg — Glacial deposits
- Qt — Quaternary nonmarine terrace deposits
- Qm — Pleistocene marine and marine terrace deposits
- Qc — Pleistocene nonmarine
- QP — Plio-Pleistocene nonmarine
- Pc — Undivided Pliocene nonmarine
- Puc — Upper Pliocene nonmarine
- Pu — Upper Pliocene marine
- Pmlc — Middle and/or lower Pliocene nonmarine
- Pml — Middle and/or lower Pliocene marine
- Mc — Undivided Miocene nonmarine
- Muc — Upper Miocene nonmarine
- Mu — Upper Miocene marine
- Mmc — Middle Miocene nonmarine
- Mm — Middle Miocene marine
- Ml — Lower Miocene marine
- Φc — Oligocene nonmarine
- Φ — Oligocene marine
- Ec — Eocene nonmarine
- E — Eocene marine
- Epc — Paleocene nonmarine
- Ep — Paleocene marine

IGNEOUS AND META-IGNEOUS ROCKS

- Qrv — Recent volcanic: Q_{rv}^{r} —rhyolite; Q_{rv}^{a} —andesite; Q_{rv}^{b} —basalt; Q_{rv}^{p} —pyroclastic rocks
- Qpv — Pleistocene volcanic: Q_{pv}^{r} —rhyolite; Q_{pv}^{a}—andesite; Q_{pv}^{b} —basalt; Q_{pv}^{p} —pyroclastic rocks
- Quaternary and/or Pliocene cinder cones
- Pv — Pliocene volcanic: P_v^{r} —rhyolite; P_v^{a}—andesite; P_v^{b} —basalt; P_v^{p} —pyroclastic rocks
- Mv — Miocene volcanic: M_v^{r} —rhyolite; M_v^{a} —andesite; M_v^{b} —basalt; M_v^{p} —pyroclastic rocks
- Φv — Oligocene volcanic: $Φ_v^{r}$—rhyolite; $Φ_v^{a}$ —andesite; $Φ_v^{b}$ —basalt; $Φ_v^{p}$—pyroclastic rocks
- Ev — Eocene volcanic: E_v^{r} —rhyolite; E_v^{a} —andesite; E_v^{b} —basalt; E_v^{p} —pyroclastic rocks

SEDIMENTARY AND META-SEDIMENTARY ROCKS

- QTc — Cenozoic nonmarine
- Tc — Tertiary nonmarine
- Tl — Tertiary lake deposits
- Tm — Tertiary marine
- K — Undivided Cretaceous marine
- Ku — Upper Cretaceous marine
- Kl — Lower Cretaceous marine
- Jk — Knoxville Formation
- Ju — Upper Jurassic marine
- Jml — Middle and/or Lower Jurassic marine
- Tr — Triassic marine
- Franciscan Formation (KJf)
- Pc, ls — Pre-Cretaceous metamorphic rocks (ls = limestone or dolomite)
- Pms — Pre-Cretaceous metasedimentary rocks
- P, ls — Paleozoic marine (ls = limestone or dolomite
- R — Permian marine
- C — Undivided Carboniferous marine
- CP — Pennsylvanian marine
- CM — Mississippian marine

IGNEOUS AND META-IGNEOUS ROCKS

- QTv — Cenozoic volcanic: QT_v^{r}—rhyolite; QT_v^{a} —andesite; QT_v^{b} —basalt; QT_v^{p} —pyroclastic rocks
- Ti — Tertiary intrusive (hypabyssal) rocks: T_i^{r} —rhyolite; T_i^{a} —andesite; T_i^{b}—basalt
- Tv — Tertiary volcanic: T_v^{r} —rhyolite; T_v^{a} —andesite; T_v^{b} —basalt; T_v^{p} —pyroclastic rocks
- KJfv — Franciscan volcanic and metavolcanic rocks
- gr — Mesozoic granitic rocks: gr^{a}-granite and adamellite; gr^{d}-granodiorite; gr^{t} -tonalite and diorite
- bi — Mesozoic basic intrusive rocks
- ub — Mesozoic ultrabasic intrusive rocks
- JTrv — Jura-Trias metavolcanic rocks
- mv — Pre-Cretaceous metavolcanic rocks
- gr-m — Pre-Cenozoic granitic and metamorphic rocks
- Pv — Paleozoic metavolcanic rocks
- Rv — Permian metavolcanic rocks
- Cv — Carboniferous metavolcanic rocks

0 3 6 Miles

SOURCES: California Division of Mines and Geology (1965)

REGIONAL GEOLOGY MAP
CANYON POWER PLANT

URS

CREATED BY CM	DATE: 12-2007	FIG. NO:
PM: CP	PROJ. NO: 28906973.01021	6.3-1

Path: G:\gis\projects\1577\28906973\mxd\Regional_Geology.mxd, 11/14/07, colin_mattison