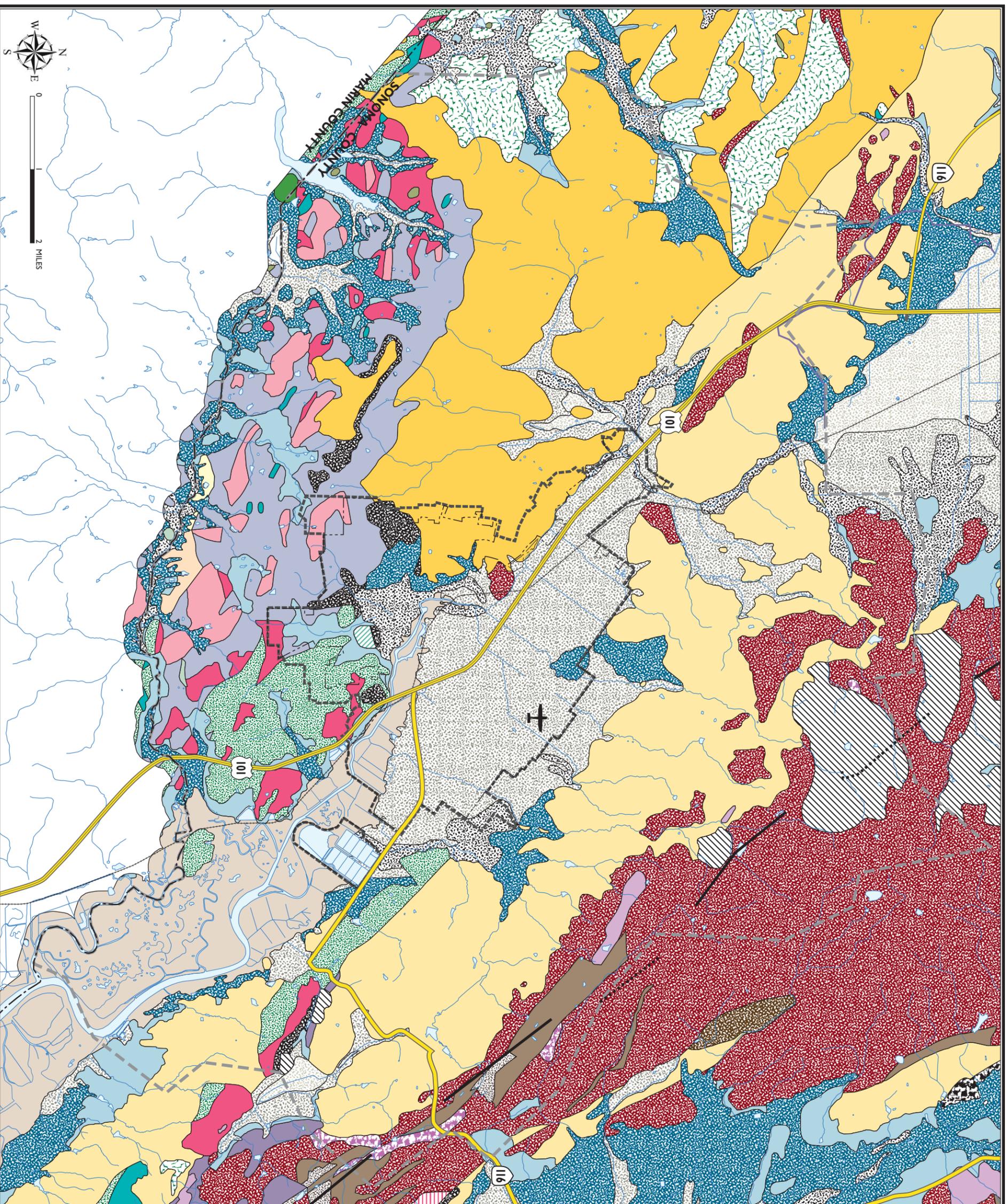


Figure 3.7-2

# LOCAL GEOLOGY

## Petaluma General Plan 2025 EIR



- Andesitic to basaltic flows of Sonoma Volcanics
- Andesitic to basaltic flows of Sonoma Volcanics & sedimentary rocks
- Ash flow tuff of Sonoma Volcanics
- Chert & meta-chert of Franciscan assemblage
- Chiefly intertuffaceous of Franciscan assemblage
- Claystone member of Petaluma Fm
- Coarse-grained Holocene alluvium (Ohac)
- Fine-grained Holocene alluvium (Ohaf)
- Glenn Ellen & Huichica Fms & older fluvial deposits
- Greenstone of Franciscan assemblage & quartz keratophyre
- Holocene Bay Mud (Ohbm)
- Landslide deposit
- Late Pleistocene alluvium (Qpa)
- Medium-grained Holocene alluvium (Ohm1)
- Melange of largely clastic rocks of Franciscan assemblage
- Melange of metamorphic rocks of Franciscan assemblage
- Open water
- Rhyolitic Sonoma Volcanics
- Rhyolitic flows of Sonoma Volcanics
- Sandstone
- Sandstone and claystone unit of Great Valley sequence
- Severely sheared rocks of Franciscan assemblage
- Sheared serpentinite
- Sonoma Volcanics
- Tuff and rhyolitic gravel
- Undivided & unmapped Quaternary deposits
- Unsheared sandstone & shale of Franciscan assemblage
- Variably sheared sandstone & shale of Franciscan assemblage
- Variably sheared metagreenstone of Franciscan assemblage
- Wilson Grove Fm
- Fault - Well Located
- Fault - Approximately Located
- Planning Referral Area
- Urban Growth Boundary
- City Limits
- County Line
- River and Creeks

Source: Sonoma Open Space District, 1997 (geological units), California Department of Conservation, Division of Mines and Geology, 1994, (faults).



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