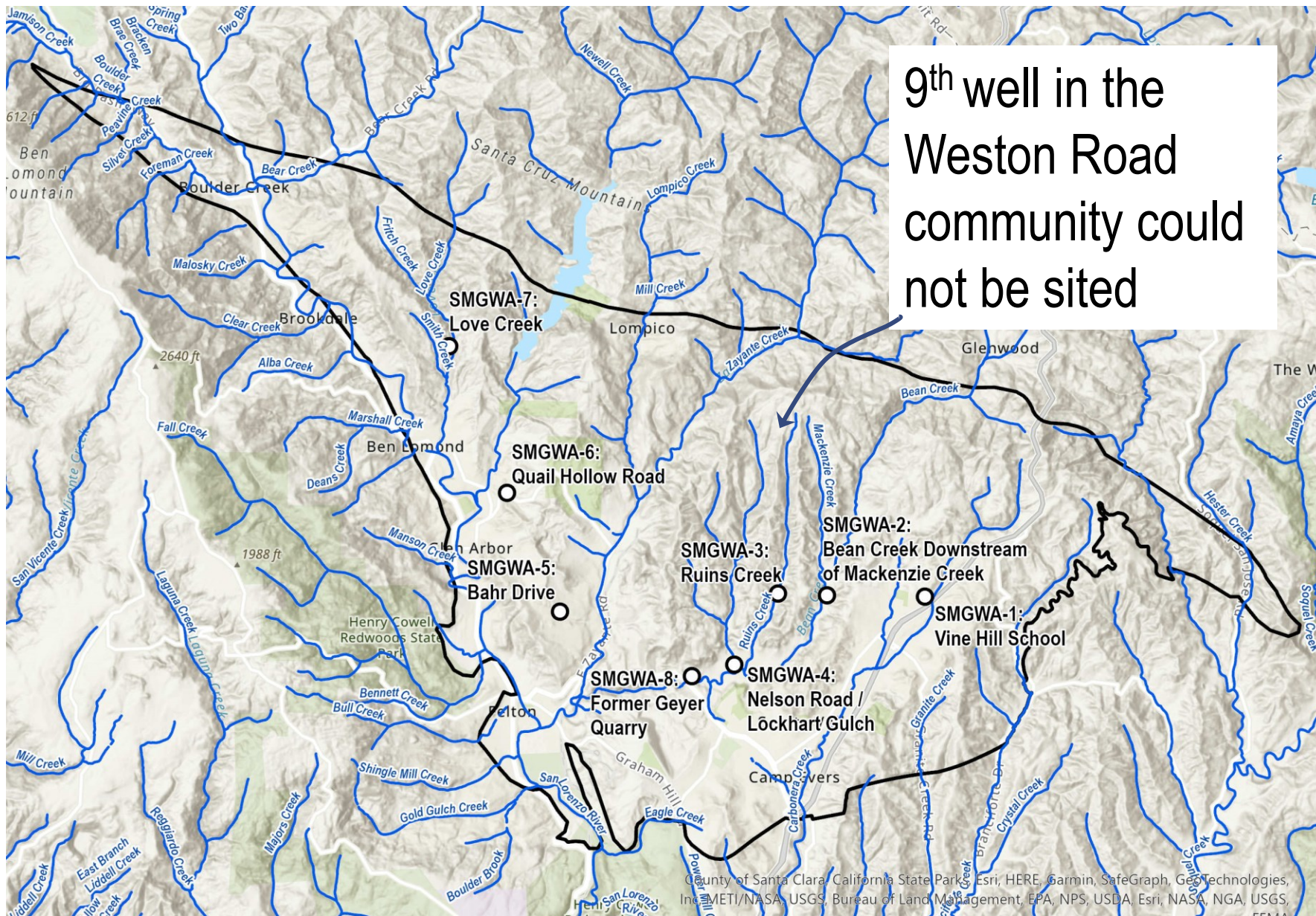


Santa Margarita Basin Monitoring Well Network Enhancement



May 26, 2022

Overview of Well Sites



Vine Hill School

Site Info

Target aquifer:
Butano

Estimated depth:
800 feet

Location:
West Side of Scotts Valley
Drive just inside Vine Hill
Elementary School's northern
gate



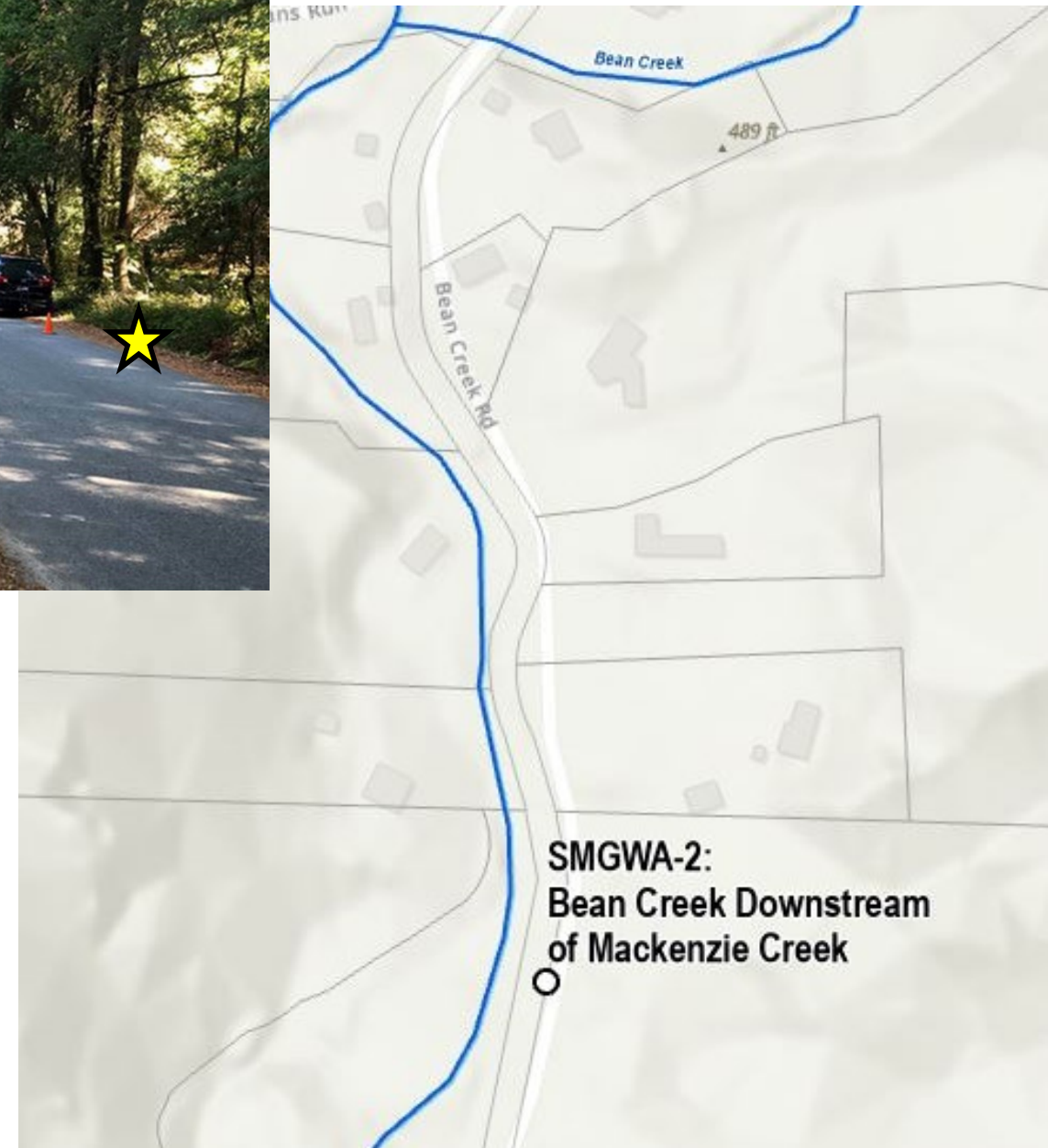
Bean Creek downstream of McKenzie Creek

Site Info

Target aquifer:
Santa Margarita

Estimated depth:
80 feet

Location:
County right-of-way on west
side Bean Creek Road



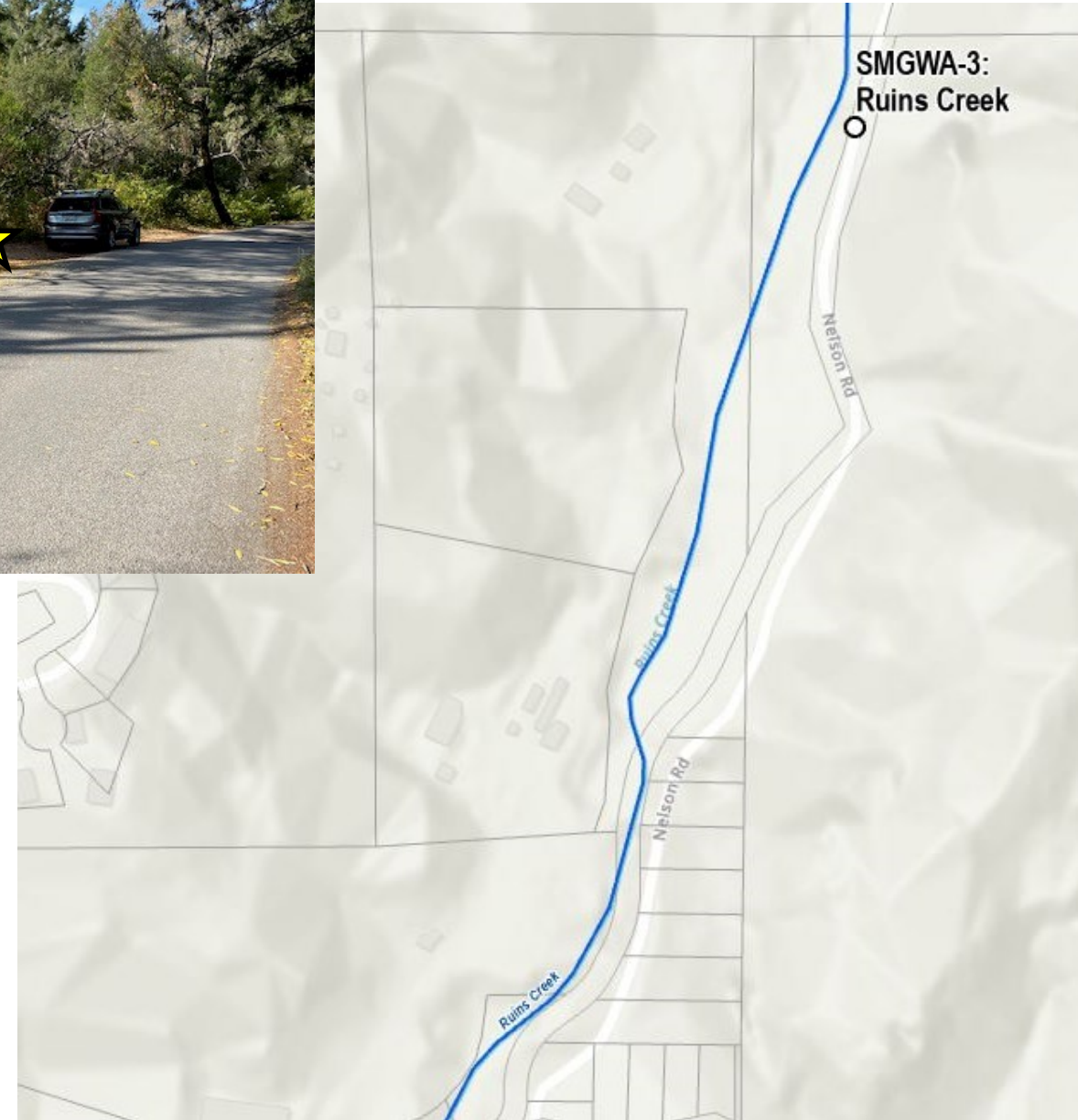
Ruins Creek

Site Info

Target aquifer:
Santa Margarita

Estimated depth:
300 feet

Location:
County right-of way on
west side of Nelson Rd



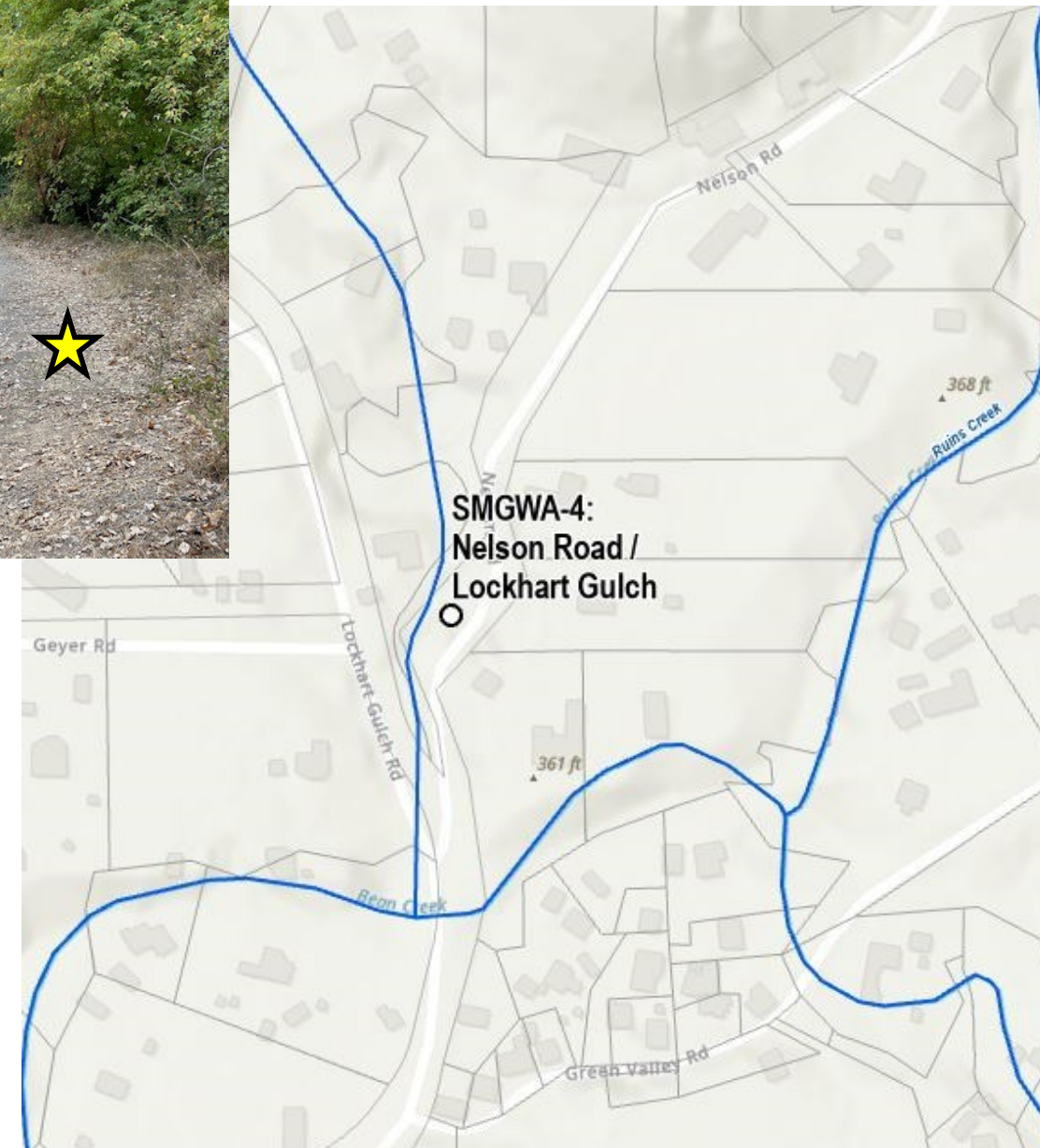
Nelson Rd / Lockhart Gulch

Site Info

Target aquifer:
Santa Margarita

Estimated depth:
100 feet

Location:
County right-of-way on north
side of Nelson Rd



Bahr Drive

Site Info

Target aquifer:
Santa Margarita

Estimated depth:
200 feet

Location:
County right-of-way on
north side of Bahr Drive



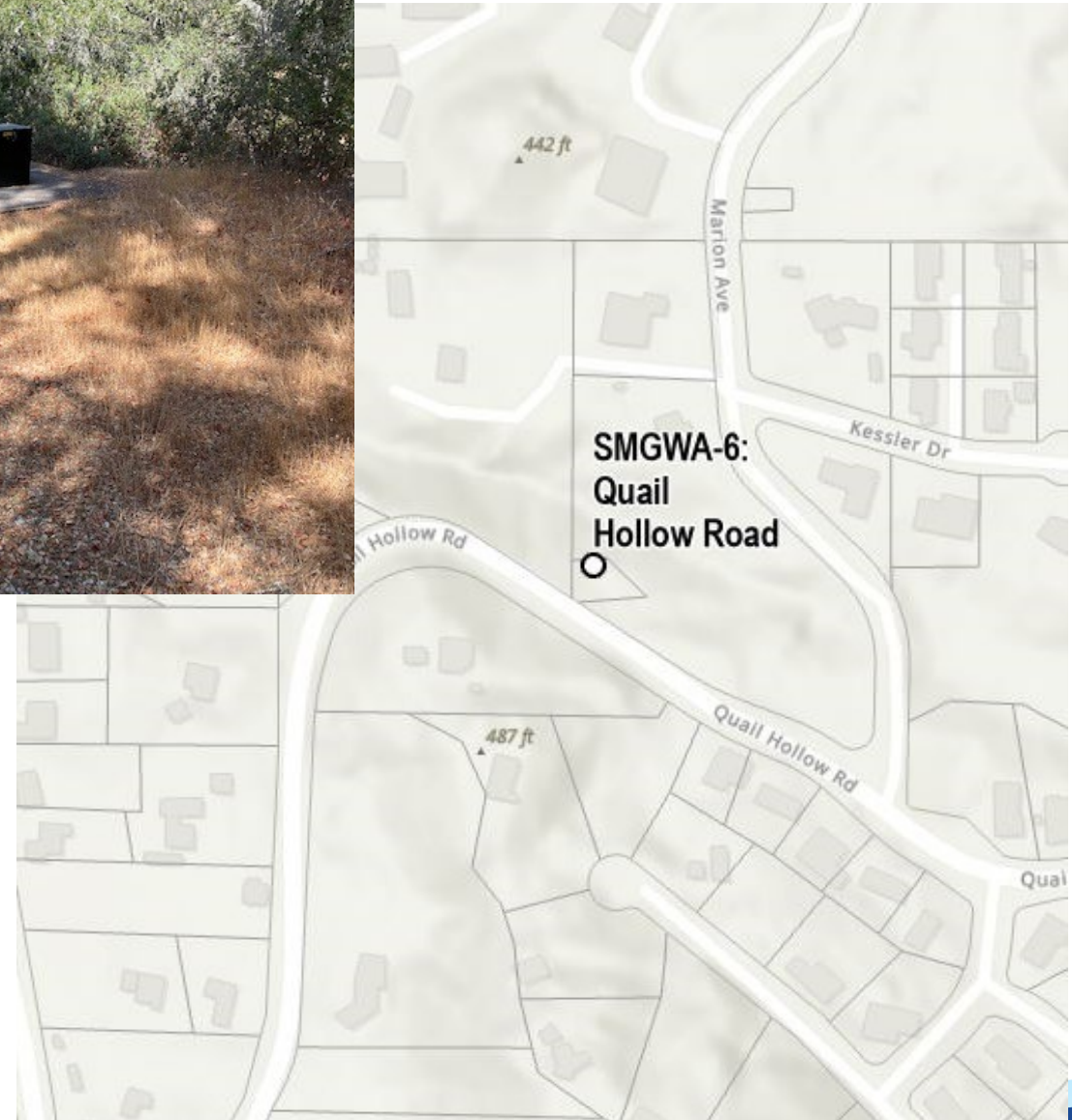
Quail Hollow Rd

Site Info

Target aquifer:
Santa Margarita

Estimated depth:
300 feet

Location:
On existing SLVWD #8
well site



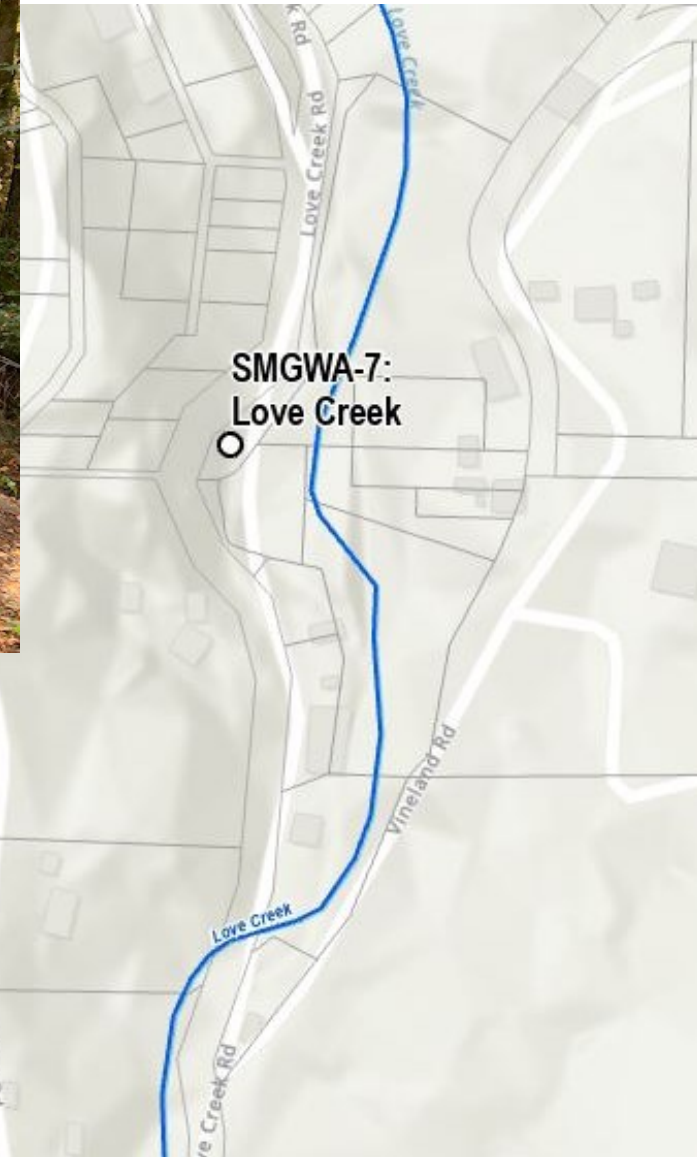
Love Creek

Site Info

Target aquifer:
Monterey Formation

Estimated depth:
300 feet

Location:
County right-of-way on
west side of Love
Creek Rd



Former Geyer Quarry

Site Info

Target aquifer:
Monterey Formation

Estimated depth:
200 feet

Location:
Former Geyer Quarry
North of Mt Hermon
Road



Well Drilling and Construction

Rotosonic



Drilling Methods

Auger



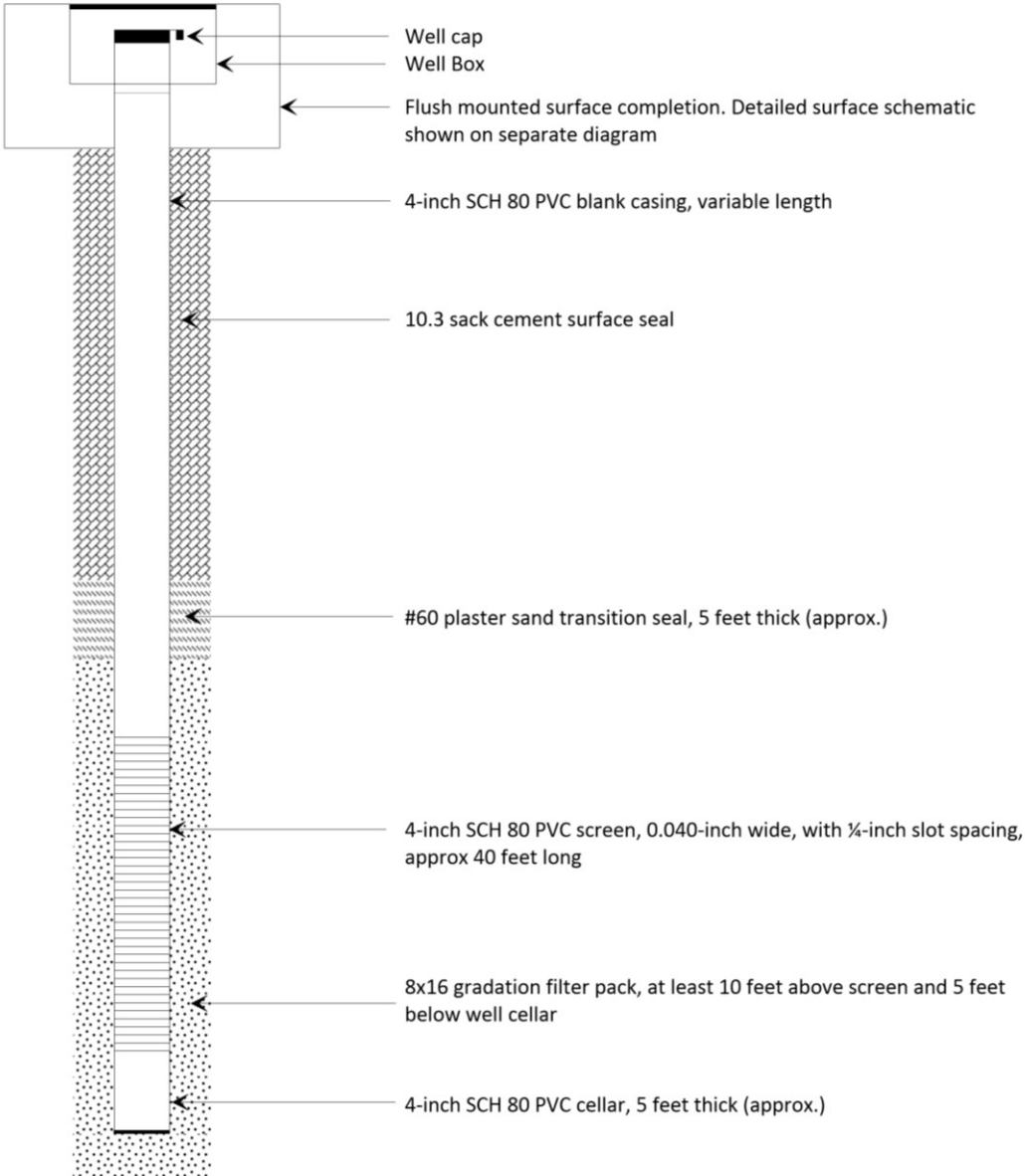
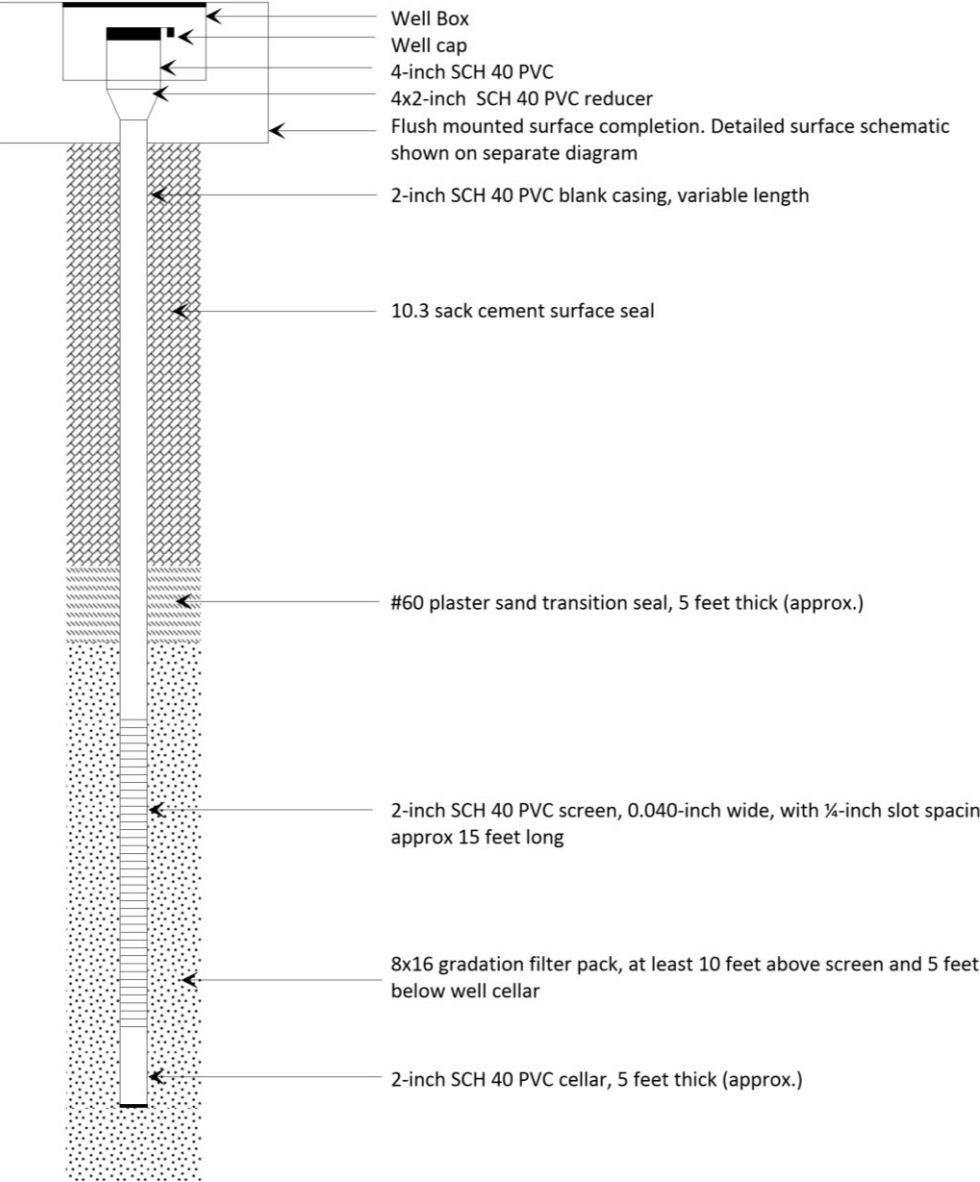
Direct Rotary



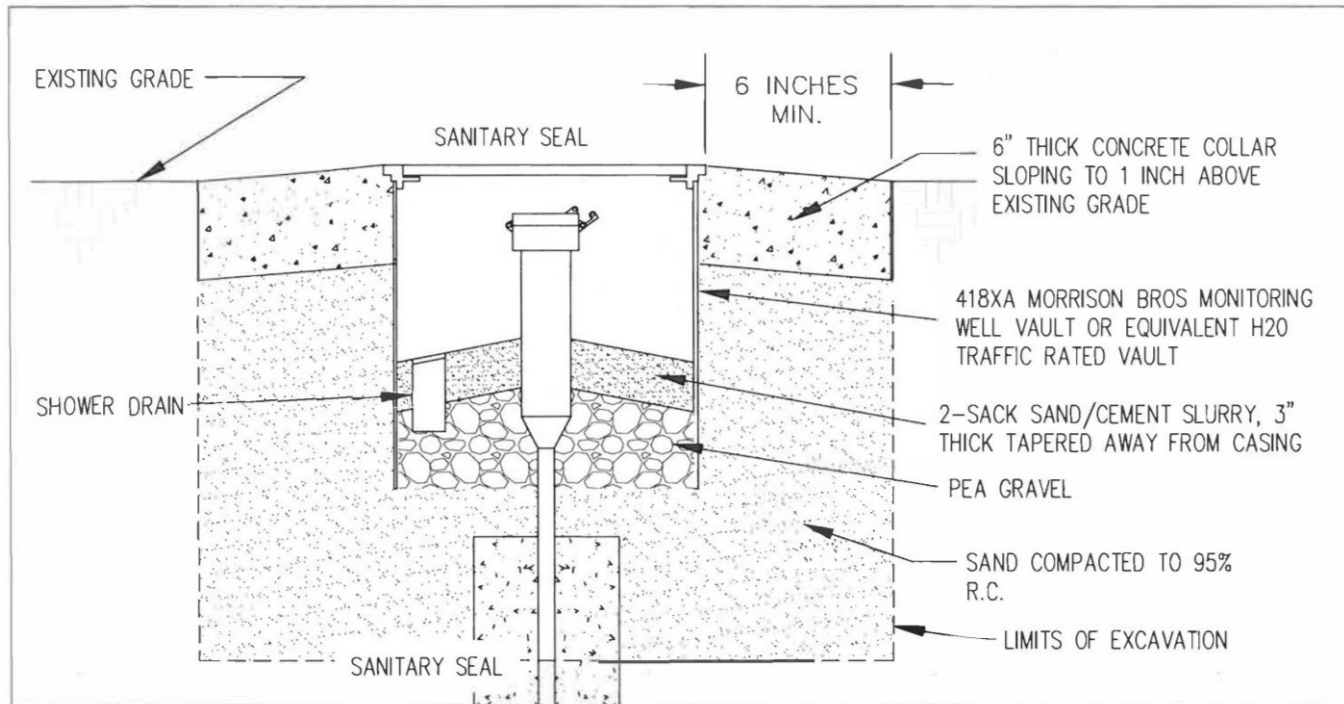
Shallow Well, 2-inch Completion

Well Construction

Deep Well, 4-inch Completion



Surface Completion



Other Activities

1. Technical specifications for the construction of 8 wells have been completed
2. California Environmental Quality Act (CEQA) Notice of Exemption 30-day public notice period is in effect and will be closed on June 10, 2022
3. Land access easements for construction and on-going monitoring and maintenance of the well at the Vine Hill School are expected to be approved by SVUSD late May.
4. An agreement between the SMGWA and the Santa Cruz Land Trust for construction and on-going monitoring and maintenance of the well at the former Geyer Quarry is still being worked out.
5. Legal Counsel has reviewed front-end documents for the bid package
6. SVWD/SMGWA preparing bid documents

Questions
