



www.kanengeotech.com

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CURRICULUM VITAE

William Hunter Santsche, GIT

Staff Geologist



PRESENT POSITION

Staff Geologist (2023 – Present)
Stockton, California

PROFESSIONAL PROFILE

Responsible for developing geologic aspects of Company projects. Expertise includes landslide and rockfall modeling, field data collection, and geologic report writing. Responsible for construction oversight for many company projects including landslide stabilization and foundation construction.

EDUCATION

B.S. Geology, Sonoma State University
Rohnert Park, California, 2023

AREAS OF EXPERTISE

- Foundation Inspection
- Geologic Site investigation
- Pile Driving Inspections Bore Hole Logging, Sampling
- Geotechnical Instrumentation Data Collection and Analysis
- Foundation Inspection
- Geologic Site investigation
- Pile Driving Inspections
- Geologic Mapping
- Geotechnical Analyses and Reports
- Bore Hole Logging, Sampling
- Geotechnical Instrumentation Data Collection and Analysis
- Drone 3D Model Development
- Anchor Testing
- Construction Oversight
- Time-Domain Reflectometry
- Inclinometers
- Piezometers
- Real-Time Data Acquisition
- Drone 3D Model Development
- Anchor Testing
- Construction Oversight
- Geologic Mapping
- Geotechnical Analyses and Reports

PROFESSIONAL REGISTRATION

- Geologist In Training (GIT), California, No 1851

CERTIFICATIONS

- Federal Aviation Association (FAA) Remote Pilot Certificate – Certificate 4962279
- Union Pacific Railroad – eRailSafe Certified
- CPR/AED and First Aid Certified

PROFESSIONAL AFFILIATIONS

- California Geotechnical Engineering Association (CalGeo)
 - Member

RECENT RELEVANT GEOHAZARD INSPECTION AND QUALITY ASSURANCE EXPERIENCE

- PROJECT: Country Club Area Pile Driving Inspections
 - Observed 110, 8-in piles driven to depths between 39-ft and 59-ft for KANE-designed foundations.
 - OWNER: Private Residence
 - LOCATION: Stockton, California
 - TASKS: Observed and recorded pile installation criteria, including driving depth, blow counts, and installation time per pile.

- PROJECT: PR-52 Landslide Stabilization
 - Acted as geologist/technical consultant during construction of KANE-designed slope stabilization
 - OWNER : Departamento De Transportación Y Obras Públicas
 - LOCATION: Salinas, Puerto Rico
 - TASKS: Observed geological and drilling conditions and provided geological information to geotechnical engineers

