

# Tunnels and Wine Storage Caves

*"We Lay the Groundwork for Success"*

## Support

- Project Feasibility Studies
- Design Services
- Tunnels and Portals
- Construction Management  
Serving as the owner's technical representative  
Technical review of contractor's methods
- Field Engineering  
Design optimization based on field conditions  
Field observations of geologic conditions to determine the applicability of the design
- Quality Assurance  
Field inspection of tunneling and construction  
Stability monitoring during and after construction
- Materials Testing
- Working with Specialty Consultants
- Failure Analysis and Repair Design

## Project Manager

Scott Lewis has over 25 years of experience in geologic investigations, construction, and repairs of tunnels, structural foundations, landslides, slope stability, dam sites, and other geologic hazards.



Mr. Lewis specializes in wine cave feasibility studies, design, construction management, and field engineering. Mr. Lewis has been involved in more than 150 wine cave and tunnel projects since joining Condor in 1989.



## Overview

CONDOR is a leader in the geotechnical/geological evaluation and design of small tunnel projects, including over 150 wine cave projects in the Napa, Sonoma, Lake Mendocino, Central Coast and Sierra-Central Valley regions.



CONDOR is a diversified, multidisciplinary organization with the capability to provide a variety of earth and environmental science, engineering, mapping, GIS, and construction management and monitoring services to private and public sector clients. This experience includes evaluating geotechnical foundation, slope and tunneling conditions, tunnel liner and portal design, tunnel construction management and materials testing.

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**CONDOR EARTH TECHNOLOGIES, INC.**

*An Employee Owned Company*

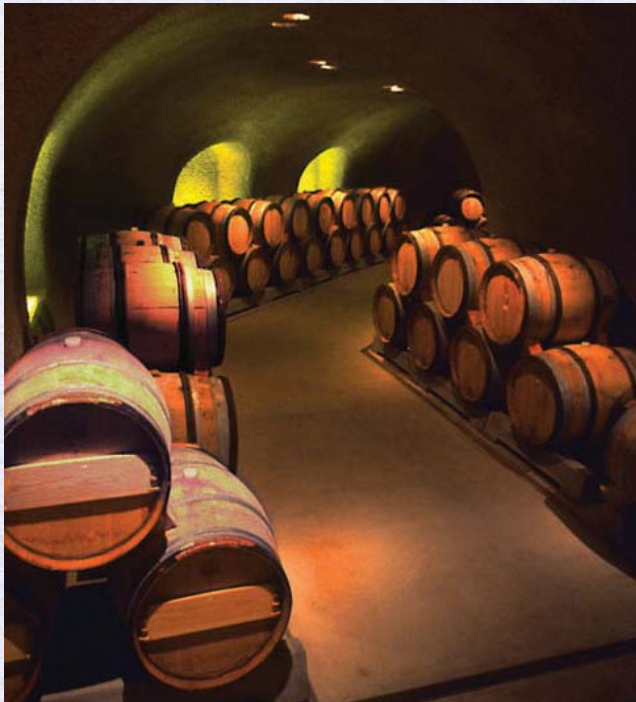
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## Representative Project Experience

- Staglin Family Vineyards
- El Retiro Winery
- Stanford University
- Stag's Leap Wine Cellars
- Oakdale Irrigation District
- Napa Valley Reserve
- Vineyard 29
- O'Shaughnessy Winery
- CADE Winery
- Jarvis Vineyards
- Ferrari-Carano Winery
- Cuvaision Winery
- Gloria Ferrer
- Arkenstone Winery



## Geological & Geotechnical Services

Geological/Geotechnical Site

### Investigations

- Foundation Suitability Reports
- Tunnel Feasibility/Design
- Project Construction Monitoring
- Slope Stabilization

## Civil Engineering Services

- Project Design and Project Management
- Project Services
- Field Engineering and Site Management

## Materials Testing & Special Inspection

- Field and Laboratory Testing
- Earthwork Monitoring
- Special Inspection Services

## Hydrology, Hydrogeology, & Water Quality

- Surface and Groundwater Hydrology
- Water Quality
- Water Resource Facility Siting and Design
- Storm Water Compliance & Facility Design

## Environmental Remediation Services

- Remediation Management
- Engineering Design
- System Implementation
- Regulatory Agency Liaison

## Reclamation Services

- Design and Implementation
- Closure and Post Closure Monitoring

## Data Management Services

- Geographic Information Systems (GIS)
- GIS Data Collection
- Data Integration / Custom Forms
- Database Design
- GIS Analysis
- Custom GIS Application Development
- Web Data Management

## Planning & Permitting Services

- CEQA/NEPA Compliance and Consulting
- Initial Study/EA/EIR/EIS
- Feasibility and Siting Studies
- Baseline Data Collection and Analysis
- Project Permitting and Approvals
- Project Development Services

## Environmental Compliance

- PSA and ESA Site Assessments
- Compliance Audits
- Underground Storage Tanks
- Chemical Risk Management
- Waste Discharge Requirements



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