

GEOTECHNICAL PROJECTS

Client/Location	Project Type	Approximate Project Cost
Hall/Hoodsport, WA.	Geotechnical Investigation Slope Failure/Construction Management	\$32,500
South Puget Sound Community College – Pond F Parking Lot Olympia, WA.	Geotechnical Evaluation/ Report	\$1,500
City of Port Orchard Port Orchard, WA.	Stormwater Master Plan	\$75,000
Town of Bucoda Tono Road Bucoda, WA.	Tono Roadway Damage Evaluation/Landslide Analysis/Slope Stabilization	\$33,400
WA. St. Military Dept. Tacoma Armory Tacoma, WA.	Groundwater Intrusion Project	\$34,670
Pirates Cove So. Puget Sound Salmon En. Gp. Olympia, WA.	Shoreline Restoration Study/ Improvement Plans	\$20,000
City of Fircrest Sanitary Sewer CIP Fircrest, WA.	Sanitary Sewer CIP/Analysis for Pipe Bursting	\$5,500
City of Fircrest Contra Costa Roadway Fircrest, WA.	Subgrade Analysis and Roadway Reconstruction w/Geogrid Reinforcement	\$55,000
City of Olympia/Thurston County Bluewater Canyon Bypass and South Parking Lot	Soils Evaluation and Slope Stability Analysis 2004	\$43,000
Cowlitz River Levy Improvements Castle Rock, WA.	Placement of 3 “Barbs”; Embankment Grading and Re- vegetation	\$300,000
Port of Olympia/Thurston Co. New Market Industrial Shallow Groundwater Study	Preliminary Hydrogeological Study in Conjunction with New Market Campus Development 1997 thru 2004	\$3,000
WA. State Dept of General Admin Interpretive Center Trail Post Earthquake Repairs Tumwater, WA.	Trail Subgrade Evaluation and Slope Stability Study	\$6,000
WA. State Dept of General Admin	Trench Wall and Adjacent Foundation Stability Evaluation	\$3,000

Legislative Building Rehab
Olympia, WA.

Client/Location	Project Type	Approximate Project Cost
City of Olympia Cooper Crest Subdivision Thurston Co., WA.	Geotechnical Investigations/ Storm Drainage/Soils Evaluation/Testing	\$10,000
WA. State Dept of General Admin Temple of Justice Sanitary Sewer Geotechnical Eval Olympia, WA.	Electroresistivity Investigation and Slope Evaluation	\$12,500
Port of Olympia Case Road/Tilly Road Relocation Hydrological and Geotechnical Study Tumwater, WA.	Hydrogeological Study (Shallow Groundwater) Study in Conjunction with Airport Runway Extension	\$78,000
Tumwater City Hall Geotechnical Evaluation Tumwater, WA.	Port Earthquake Inspection/Damage Report Remediation and Consultation	\$4,600
Leshley Residence McKenna, WA.	Pierce County Geological Assessment, Slope Evaluation Marine Bluff Analysis w/Parametric Slope Stability Calcs	\$3,000
Legislative Building Rehabilitation Contractor Geotechnical Support M. A. Mortenson Company Olympia, WA.	Recommendations Provided for Utility Trench Shoring & Relocation Along Existing Steam Tunnel and Through Parking Garage Beneath Legislative Building Capitol Campus,	\$3,000
Orcutt Marine Bluff Evaluation Thurston County	Residential Property Slope Evaluation	\$800
Case & Tilley Road Relocations Port of Olympia – Airport Tumwater, Washington	Hydrogeological Study, Salmon Creek Basin Analysis & Stormwater System Design for Roadway Relocation. 12 Soil Borings/Observation Wells w/Monitoring by Client & Geophysical Survey	\$79,000
Temple of Justice Sanitary Sewer Olympia, WA.	Slope Evaluation and Electro-resistivity Testing on Geotechnical/Slope Stability Study Slope Face. Design of Sewer Trench Backfill Capitol Campus,	\$12,500
Gospel Outreach Administration & Classroom Building Olympia, WA.	Geotechnical Investigation & Foundation Design	\$3,000
Van Dusen Residence Thurston County, Washington	Geotechnical/Slope Stability Evaluation/ Stabilization Design	\$1,000
Grinnel Residential Site Grapeview, WA.	Mason County Geological Assessment & Slope Evaluation	\$1,999

South Puget Sound Community College – Student Union Bldg. Olympia, WA.	First Floor Slab Settlement & Slope Creep Evaluation and Mud Jacking Design	\$8,000
Client/Location	Project Type	Approximate Project Cost
Lord Residence Thurston County, WA.	Slope Stability Analysis and Foundation Rehabilitation Design	\$4,000
Jackson Residence Olympia, WA.	Marine Bluff Slope Evaluation and Stabilization/Improvement Design	\$1,500
Conrad Residence Mason County, WA.	Mason County Geotechnical Report, Parametric Slope Stability Analysis and Site Stormwater Design	\$4,000
D'Allessandro Residence Mason County, WA.	Mason County Geological Assessment and Residential Foundation Investigation & Design Report	\$3,000
Heil Residence Slope Mason County, WA.	Mason County Geotechnical Report w/Parametric Slope Stability Analysis	\$4,000
Moffett Residence Olympia, WA.	Foundation Settlement Evaluation w/Site Drainage Redesign and Cosmetic Exterior Reconstruction	\$2,000
Chimacum Creek Park Washington State Dept of Fish & Wildlife Port Townsend/Irondale, WA.	Site Investigation, Coastal Processes and Slope Stability Analyses for old Log Yard Conversion and Site Restoration to Park	\$7,000
Tumwater Hill Stormwater By-Pass Olympia, WA.	Site Investigation and Penstock Design with Pile Founded Pipe Support and Soil Anchors	\$12,000
Marathon Park Post Earth Quake Restoration Olympia, WA.	Subgrade Evaluation and Design for Park Restoration (Park Suffered Subgrade Liquefaction after 2001 Earth Quake)	\$550,000
Interpretive Center Trail Post Earth Quake Restoration Olympia, WA	Geotechnical Investigations, Slope Stability Analyses and Trail Reconstruction Design (Park Suffered Extensive Subgrade Liquefaction & Slope Failures during/after 2001 Earth Quake)	\$450,000
Peeples Marine Bluff Slope Stability Olympia, WA.	Expert Witness - Slope Failure Remediation	\$17,000
City of Olympia Olympia, WA.	Royal Gardens Wetland Hydrological/Hydrogeological Study/Pre Expert Witness	\$2,000 (fee)
Price Foundation Underpinning and Marine Bluff Stabilization	Geotechnical Site Investigation and Report	\$6,500

Olympia, WA.	Foundation Design, Bluff Drainage, and Construction Monitoring	Construction \$50,000
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Kruger Foundation Underpinning and Marine Bluff Stabilization Olympia, WA.	Geotechnical Site Investigation and Report, Foundation Design, Bluff Drainage, and Construction Monitoring	\$8,200 Construction \$100,000
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City of Olympia Fones Road Drainage Ditch Olympia, WA.	Geotechnical Site Investigation and Report	\$2,500
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City of Olympia McAllister Springs Chlorinator Bldg, Olympia, WA.	Geotechnical Site Investigation and Report	\$3,200
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Montesano High School Athletic Track and Facilities Montesano, WA.	Site Evaluation, Design of Pile and Grade Beam, Supported Deck and Rubblemound Creek Bank Protection	\$100,000
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Tumwater Historical Park Emergency River Bank Stabilization Tumwater, WA.	Site Evaluation, Design of Rubblemound River Bank Protection	\$2,000
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Cedar Creek Corrections Center Olympia, WA.	Design of Shallow Foundations for Operations, Electrical and Filter/UV Building	\$1 Million
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Olympic Corrections Center Forks, WA.	Design of Shallow Foundations for Operations, Electrical and Filter/UV Building	\$1 Million
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John L. O'Brien Building Replacement Footing and Roof Drainage System Olympia, WA.	Site Evaluation, Test Pit and Report Drainage System Redesign	\$100,000
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Swan Lake Dam Cosmopolis, WA.	Site Evaluation, Earth Dam, Spillway and Outfall Energy Dissipator Redesign	\$150,000
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Lake Limerick Dam Shelton, WA.	Site Evaluation and Earth Dam Redesign	\$75,000
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Various Clients/Locations	Residential Geotechnical Evaluations/Landslide Hazard and Site Stability Study's	
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Sam Hyatt Construction Thurston Co., WA.	Geotechnical Evaluation	\$500
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Camden/Thurston Co.	Geotechnical Evaluation	\$300
Various Clients/Locations	Residential Geotechnical Evaluations/Landslide Hazard and Site Stability Study's	
Seattle Shellfish Co. Thurston Co. WA	Geotechnical Evaluation	\$500
Bartlow/Thurston Co.	Geotechnical Evaluation	\$300
Mani/Thurston Co. Yelm, WA.	Geotechnical Evaluation	\$300
Hackett/Thurston Co. Summit Lake, WA.	Geotechnical Evaluation	\$300
Barnes Lake Park/Thurston Co. Olympia, WA.	Geotechnical Evaluation/Report	\$3,000
Red Lion Inn Hotel Thurston Co., WA.	Geotechnical Evaluation/Report	\$3,500
Piper/Thurston Co.	Geotechnical Evaluation/Report	\$3,000
Phelan/Buckley WA.	Geotechnical Evaluation/Report	\$2,500
Wiseman/Tenino WA.	Geotechnical Evaluation/Report	\$3,000
Ross/Treasure Island	Geotechnical Evaluation/Report	\$1,200
Gordon/Mason Co.	Geotechnical Evaluation	\$450
Zimmerman/Thurston Co.	Geotechnical Evaluation/Report	\$2,500
Ver Muyten/Lewis Co.	Geotechnical Evaluation/Report/ Site Development	\$7,500
Olson/Tenino, WA.	Geotechnical Evaluation/Report	\$1,300
Lundeen/Thurston Co.	Geotechnical Evaluation/Report	\$1,200
Annoni/Pierce Co.	Geotechnical Evaluation/Report	\$1,000
Roberts/Belfair WA.	Landslide Geotechnical Evaluation/ Report/Retaining Wall	\$8,000
Michelangoli/Thurston Co.	Geotechnical Evaluation/Report	\$2,000
Michelangoli/Piessner Rd Olympia, WA	Geotechnical Evaluation/Report/ Site Development	\$7,000
Hyde/Hoodspport	Landslide Geotechnical Evaluation/ Report	\$1,000

Sheberies/Thurston Co. Boston Harbor, Olympia	Geotechnical Evaluation/Construction Inspection	\$800
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Various Clients/Locations	Residential Geotechnical Evaluations/Landslide Hazard and Site Stability Study's	
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McLean/Pierce Co.	Geotechnical Evaluation	\$700
Storm/Thurston Co.	Geotechnical Evaluation	\$800
Brooks/Thurston Co.	Geotechnical Evaluation	\$600
James/Mason Co.	Landslide Geotechnical Evaluation/ Report	\$1,500
Barnes/Mason Co.	Landslide Geotechnical Evaluation/ Report	\$1,200
Pulsifer/Mason Co.	Landslide Geotechnical Evaluation/ Report	\$2,600
Kneic/Thurston Co.	Geotechnical Evaluation/Report Site Planning/Design	\$1,600
Osolin/Thurston Co.	Geotechnical Evaluation/Report	\$1,500