



# GREGG DRILLING HELI-PORTABLE CORE DRILLING



Specifications



Capabilities



Experience





## Heli-Portable Geotechnical Drilling

- Wireline, NQ HQ and PQ coring to depths of 800 meters
- Standard Penetration Test (SPT) auto-hammer and casing advancer to drill through and case overburden
- Geotechnical testing options
  - Single and double Packer testing
  - Downhole P & S wave suspension logging
  - Acoustic and Optical Televiewer
  - Instrumentation installation including inclinometer, piezometer and extensometer
- Versatile Platform
  - Fully heli-portable: splits into 7 parts, each weighing less than 1500lbs
  - Equipped with steel caterpillar track system for moving through difficult access areas
- Angled borehole drilling up to 45 degrees from vertical

## Lyle Murphy

### Experience:

#### *Present:*

Gregg Drilling LLC  
2100 Goodyear Rd.  
Benicia, CA

#### *2003-2018*

Crux Subsurface  
4308 N Barker Rd.  
Spokane Valley,  
WA

#### *2001-2003*

Marcus & Marcus  
Exploration  
Post Falls, ID

### Certifications:

30-Hour OSHA  
First Aid/CPR  
NCCCO Crane  
Operator  
Class A CDL  
40-Hour  
HAZWOPER  
10-Hour OSHA

### Project Manager

Mr. Murphy has over 21 years of experience in the drilling industry and has been a Project Manager, Lead Driller, and Driller Assistant on various geotechnical projects. With experience working on limited and remote-access core drilling projects, Mr. Murphy is perfectly suited for his role as Geotechnical Core drilling Project Manager. He is responsible for barge-mounted core drilling, helicopter access, and other difficult-access projects.

### Helicopter Experience

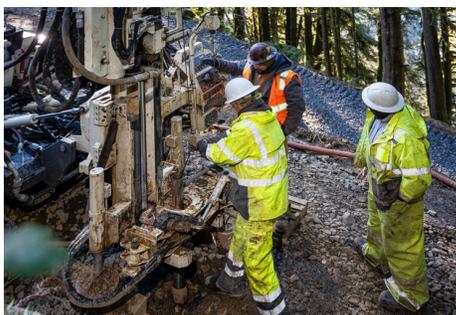
Yosemite National Park, CA-Landslide  
US Route 60, Superior, AZ  
HWY 1, Juneau, AK  
HWY 87, Payson, AZ-Landslide  
I-81, Christiansburg, VA  
I-90, Snoqualmie Pass, WA-Landslide (slide curve)  
Lower Baker River Intake, Concrete, WA  
Nehalem Intake, Nehalem, WA  
Sunrise Powerlink, Alpine, CA  
HWY 89, Burney, CA

### Track Rig Experience

JWPCP Outfall, Carson/San Pedro, CA  
HWY 202, Phoenix, AZ  
HWY 303, Phoenix, AZ  
Santa Anita Debris Dam, Santa Anita, CA  
HWY 39, Azusa, CA  
I-215, Perris, CA  
HWY 1, Big Sur, CA

### Barge/Crane Experience

Fort Peck Spillway, Glasgow, MT  
Swift Reservoir, Cougar, WA  
Lake Travis, Austin, TX  
Batiquitos Lagoon, Carlsbad, CA  
White Salmon River, Hood River, OR  
Bangor Submarine Base, Silverdale, WA





## Past Performance

- Spillway project located at Lake Fordyce (Nevada County, California): 2023, 2-month duration. Included angled borings 50-210ft, HQ wireline coring, downhole acoustic and optical televiwer logging and PS suspension logging.
- Spillway project located in Oregon: 2023, 4-month duration. Project included HQ wireline coring, double packer testing and downhole acoustic and optical televiwer logging. Both vertical and inclined borings.
- Spillway project located near Mariposa, CA: 2022, 2-month duration. Project included HQ wireline coring, double packer testing and downhole acoustic and optical televiwer logging.
- Project located in Northern California: 2021, 2-month duration. Project included HQ wireline coring – boring depths up to 500' were completed.
- Transportation project located near Crescent City, CA: 2020, 6-month duration. Project included HQ wireline coring, packer testing and instrument installation (inclinometers and vibrating wire piezometers)
- Spillway project located at Oroville Dam, CA: 2017, 12-month duration. Project included HQ wireline coring and packer testing and instrument installation (inclinometers and vibrating wire piezometers).