

Robert LaBean

Geologist

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Professional Experience

Exploration Geologist, (*Rangefront Mining Consultants*)
New World Resources | Antler/Javelin VMS Project

Kingman, AZ 06/2024 - 12/2024

- Engage with drill crews on a daily basis to monitor drilling progress, retrieve core, and facilitate communication between geologists and drillers
- Quickly evaluate geology and possible mineralization of core to provide a quick-log to senior geologists
- Align track and truck mounted rigs using hand compass and electronic gyrocompass
- Drive trucks and ATVs off-road in a remote desert environment
- Perform geological mapping and sampling in rugged environments alone and with other geologists
- Safely travel solo through mountainous environments with little communications support while avoiding injury from dangerous animals and/or situations
- Stake mining claims using GPS, maps, and compass to orient in the wilderness and meet up with employees at the end of the project
- Log diamond drilled core to determine geology, structure, mineralization, and alteration of the subsurface within strongly metamorphosed volcanic rocks
- Orient core to determine top/bottom of hole in-situ
- Perform geotechnical/geophysical measurements on core including XRF, magnetic susceptibility, specific gravity and rock quality designation
- Maintain a logging rate that allows logging and sampling of all core drilled the previous shift
- Assist with interpretation of core geology into regional geology
- Manage sampling and QA/QC of core to determine geochemical characteristic of core and potential grade
- Developed Python script to track expenses and automatically create an expense report for filing with employer
- Set up a standalone server to host network licenses for programs and created a VPN connection for geologists to access on-site resources while working remotely
- Develop Excel spreadsheet to automatically import and organize pXRF data for easier viewing and data manipulation
- Package, ship, and submit core samples to assay lab
- Cut core samples to prepare for shipping
- Archive and store core samples for later review
- Safely operate skid steer within fenced in yard to move pallets of core to and from storage

Junior Geologist, (*Rangefront Mining Consultants*)
Nevada Gold Mines | Carlin Trend | Mineral Resource Management | Growth Team

Carlin, NV 10/2023 - 05/2024

- Log diamond drilled core to determine geology, structure, mineralization, and alteration of the subsurface within Carlin type, sedimentary hosted, low sulfidation epithermal deposits
- Maintain a logging rate of 200 to 800 feet of core per day, depending on logging style and geology
- Assist with interpretation of core geology into regional geology
- Input geological characteristics into AcQuire database
- Use Excel to create workbooks to test for proper sampling procedures to catch sampling errors and deficiencies prior to packaging and shipment of samples
- Use Excel to create workbooks that automatically create cut-sheets drastically reducing post logging office work
- Manage sampling and QA/QC of core to determine geochemical characteristic of core and to maintain proper NI 43-101 compliance
- Train new geologists on NGM standard operating procedures, and local and regional geology of the Carlin Trend

- Promote a safety centered workplace by attending and organizing safety meetings, rectifying any hazardous conditions or actions, and holding all individuals accountable to participate in a safe workplace

Junior Geologist, (*Rangefront Mining Consultants*)
Nevada Gold Mines | Carlin Trend | Exploration Team

Carlin, NV 02/2022 - 10/2023

- Coordinate daily with drillers, drill services crews, environmental services, and geotechs to facilitate core retrieval from drill rigs
- Conduct daily rig visits to immediately assess geology of current drill programs and report back to staff geologists
- Inspect drill sites to maintain proper safety conditions
- Safely and responsibly operate vehicles off-road and on minimally maintained trails
- Present daily geological findings to senior staff and assist with determining direction of drill programs
- Log RC chips and diamond drilled core to determine geology, structure, mineralization, and alteration of the subsurface within Carlin type, sedimentary hosted, low sulfidation epithermal deposits
- Maintain a logging rate of at least 200 feet of core per day
- Assist with interpretation of core geology into regional geology
- Identify structural features on down-hole televiewer data using WellCAD software
- Manage sampling and QA/QC of core to determine geochemical characteristic of core and to maintain proper NI 43-101 compliance
- Promote a safety centered workplace by attending and organizing safety meetings, rectifying any hazardous conditions or actions, and holding all individuals accountable to participate in a safe workplace
- Initiated a strict data inspection and validation campaign to ensure database was correctly updated
- Engage in field mapping and sampling campaigns to find and expand surface geological/geochemical anomalies
- Work alone or with a small team in remote areas of NV with limited communications coverage

Exploration Technician, (*Nyrstar*)
East Tennessee Mines

Strawberry Plains, TN 02/2021 - 10/2021

- Maintain and organize core archives
- Cut, package, and ship core to assay lab for sampling
- Safely operate equipment such as core saw and telehandler

Substation Maintenance Specialist, (*CDE Lightband*)

Clarksville, TN 11/2012 - 07/2019

- Integrated and digitized decades worth of paper files that helped the department manage and maintain needed records
- Safely operated heavy equipment and trucks including bucket trucks, forklift, excavator, man lift, and others as needed
- Promoted a safety centered workplace by attending safety training, properly maintaining and using appropriate PPE, and directing morning safety meetings and following all OSHA safety rules and regulations
- Worked in all weather conditions up to 18 hours per shift to complete work or restore electricity during storm restoration
- Drove large service trucks on and off road to access remote areas of service to inspect or repair equipment
- Used hand/power tools and specialized testing equipment to design, build, inspect, and maintain electrical distribution equipment

Education

BSc Geology & Environmental Studies *University of Tennessee - Knoxville* Knoxville, TN 2019 - 2022
Geology Concentration | Statistics Minor

Licenses & Certifications

- MSHA Metal/Non-Metal Surface Miner | (Issued 01/04/2024 - Expires 01/04/2025) | M17190199