Rosa Delgado

MINING TECHNICIAN

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SUMMARY

Mining technician with 3 years of field experience in survey and grade control at Nevada gold operations. Runs Trimble GNSS surveys, collects blast hole samples and keeps ore control data clean in Microsoft Excel and AutoCAD. Holds MSHA Part 48 training and an FAA Part 107 drone license for stockpile and pit surveys.

SKILLS

Mine Surveying • Trimble GNSS • Grade Control • Blast Hole Sampling • Ore Control • AutoCAD • Microsoft Excel
Drone Surveys • Data Entry • Attention to Detail

EXPERIENCE

Mining Technician 03/2025 - Present

Ruby Valley Gold Company Elko, NV

Open pit gold mine moving about 90,000 tons of material per day.

- Survey **30+** drill patterns a month with Trimble GNSS and check collar positions against the engineer's design.
- Collect blast hole sampling data for grade control and deliver ore and waste boundaries to the shovel within 4 hours.
- Fly monthly drone surveys of 14 stockpiles and reconcile volumes with truck counts in Microsoft Excel.
- Update pit maps and as-built toe lines in AutoCAD so the planning team designs from current ground.

Survey Helper 06/2023 - 02/2025

Humboldt Geomatics Winnemucca, NV

Land and construction survey firm serving mines, ranches and county road projects.

- Set control points and ran topographic surveys on 40 projects, including 6 mine haul road expansions.
- Recorded field notes and coordinate data entry for crew chiefs, keeping error rates under 1% on QA checks.
- Maintained total stations, rovers and data collectors, cutting equipment downtime to near zero over 18 months.

Student Worker, Geomatics Lab 08/2022 - 05/2023

Great Basin College Elko, NV

Part-time role while completing an associate degree.

- Checked out survey equipment to 50 students a week and logged every return and repair.
- Processed GPS field files for instructors and prepared lab datasets for 3 surveying courses.
- Organized the lab's equipment inventory of 75 items and tagged each one with its calibration date.

EDUCATION

Associate of Applied Science 05/2023

Great Basin College Elko, NV

Land Surveying and Geomatics

CERTIFICATES

MSHA Part 48 Surface Miner Training 02/2025

Great Basin College

FAA Part 107 Remote Pilot Certificate 09/2024

Federal Aviation Administration