

ADVANCING A POTENTIAL GOLD-SILVER DISTRICT-SCALE OPPORTUNITY AT WINSTON

**Historic high-grade district.
Modern exploration.
Phase 1 drill targeting underway.**

Rio Grande Resources is advancing the 100%-owned Winston Gold-Silver Project, a ~3,000-acre exploration property located in the Black Range Mountains of Sierra County, New Mexico. The project is comprised of three past-producing high-grade gold and silver mines; the patented Ivanhoe and Emporia and Little Granite claims within the historic Chloride Mining District known to host fertile gold and silver mineralized systems.

Today, Rio Grande is reinterpreting Winston through a modern exploration lens, integrating surface sampling, structural mapping, historical data and airborne geophysics to define high-confidence targets for the project's inaugural Phase 1 drill program.



Winston Project | Black Range Mountains
Sierra County, New Mexico

INVESTMENT HIGHLIGHTS



HIGH-GRADE GOLD-SILVER SYSTEM

Recent exploration has returned multiple high-grade gold and silver results across the Winston Project, including channel samples grading up to 46.3 g/t gold and 1,030 g/t silver from the Poverty Creek area.



POVERTY CREEK PRIORITY TARGET

Poverty Creek has become a key focus area after recent fieldwork traced multiple mineralized vein systems and defined several mineralized structural corridors.



DISTRICT-SCALE POTENTIAL

Recent work supports a broader, structurally controlled epithermal gold-silver system with multiple mineralized trends across the property.



MODERN, DATA- DRIVEN TARGETING

Rio Grande is combining detailed structural mapping, systematic sampling and airborne magnetic/radiometric survey data to refine and prioritize targets ahead of drilling.

RECENT EXPLORATION HIGHLIGHTS

46.3 g/t Au &
1,030 g/t Au
in channel samples

67.1 g/t Au
in grab samples

26.1 g/t Au &
348 g/t Ag
in rock chip samples



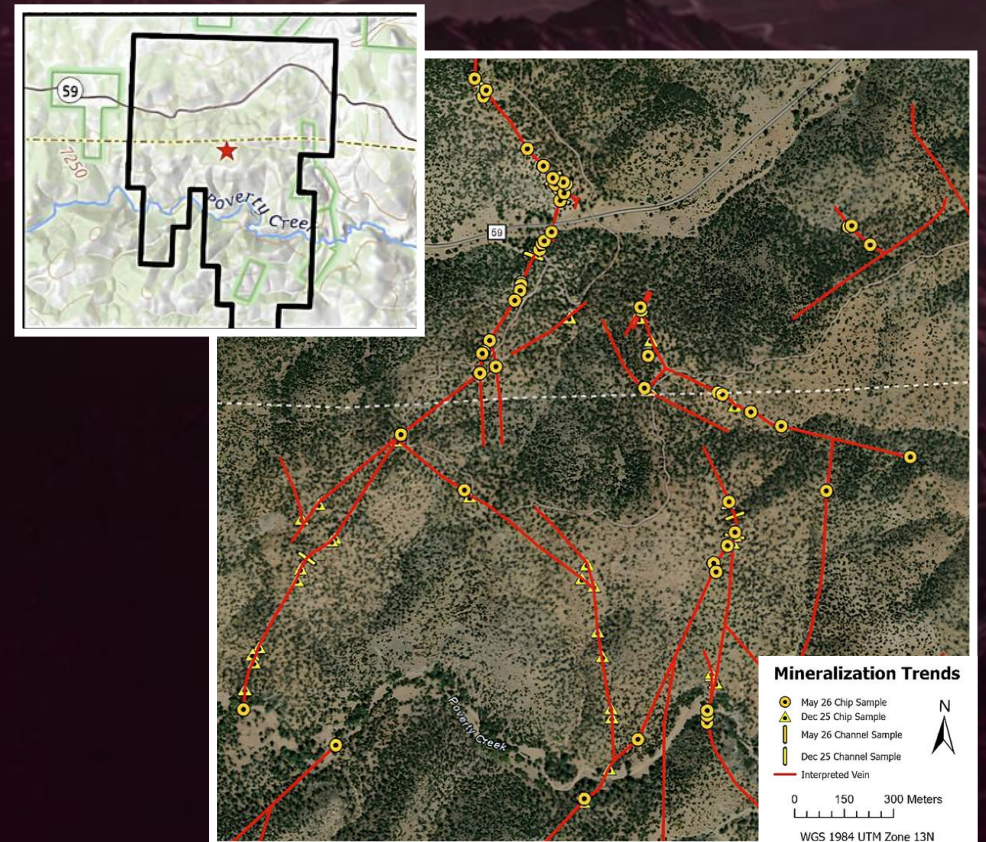
Several initial Phase 1 drill pad locations established

POVERTY CREEK

An emerging high-grade target corridor helping define Winston's first phase of drilling.

Poverty Creek has emerged as one of the most important areas in the Winston exploration story. Recent work has traced multiple mineralized vein systems across the target area and returned high-grade gold and silver results from channel, grab and rock chip samples.

By integrating systematic sampling with detailed structural mapping, Rio Grande has significantly improved its understanding of the orientation, geometry and continuity of mineralized vein corridors at Poverty Creek.



WHY POVERTY CREEK MATTERS

High-Grade Surface Results

Recent assays confirmed meaningful gold and silver mineralization across multiple sample types, including representative channel samples collected across exposed mineralized veins.

Drill-Target Relevance

The integration of 2025 and 2026 exploration data has helped Rio Grande refine drill targeting and establish several initial Phase 1 drill pad locations.

Structural Complexity

Mapping has identified multiple mineralized corridors, supporting the interpretation of a structurally controlled epithermal system.

Scale Potential

The broad distribution of high-grade samples across multiple corridors supports the prospectivity of the Poverty Creek target area.

A MODERN EXPLORATION MODEL

1 Surface Sampling

Channel, grab and rock chip sampling are being used to evaluate grade distribution and identify mineralized vein exposures.

2 Structural Mapping

Detailed mapping of vein orientations, fault systems and alteration zones is helping define the controls on mineralization.

3 Airborne Geophysics

Magnetic and radiometric survey data are being used to identify structural corridors and potential zones of hydrothermal alteration across the property.

4 Integrated Targeting

Rio Grande is combining historical data, recent assays, mapping and geophysical interpretation to prioritize high-confidence drill targets.

5 Phase 1 Drilling

The next major step is to test priority targets through the project's first drill program in decades.



WHY NOW?

Historic district, modern tools

New priority areas emerging

Stronger geological understanding

Drill targeting is advancing

Rio Grande Resources is a mineral exploration company focused on unlocking the high-grade gold and silver potential of the Winston Project in New Mexico. The company is targeting large-scale precious metals discoveries within a well-documented low-sulfidation epithermal setting, using modern exploration methods to advance high-priority targets toward drilling.