

Bluestone Resources – PEA, FS

Cerro Blanco Project, Guatemala

JDS Energy & Mining Inc.

OVERVIEW

The Cerro Blanco project is located in southeast Guatemala, approximately 160 km by road from Guatemala City. The project will be developed as an UG mining operation but has potential to be mined as an open pit. It is envisioned to be a 1,250 t/d, ramp access, underground gold mine using longhole stoping and drift and fill mining methods. Since 2006, the project has seen over US\$170M in investment for the construction of: two UG declines from surface; 3.2 km of lateral underground development; four ventilations raises; 17 dewatering wells; and significant surface infrastructure including truck shop, warehouse, office facility and water treatment plant.

SCOPE & HIGHLIGHTS

JDS was retained by Bluestone Resources between 2017 and 2019 to complete NI43-101 compliant Preliminary Economic Assessment (PEA) and Feasibility Study (FS) reports for the Cerro Blanco Project. The results indicated a rapid payback, high margin, underground mining project with robust economics in the current gold price environment. Pre-production CAPEX was estimated to be \$196M.

Project highlights include:

- Both PEA & FS projects finished on schedule and budget.
- Managed four engineering sub-consultants and three lab test programs during FS.
- JDS completed mine / process design, project economics and FS report 7 months after receiving final resource block model.

