

# Aura Minerals Inc. – Construction Management

## Aranzazu Mine, Zacatecas, Mexico

JDS Energy & Mining Inc.

### OVERVIEW

The Aranzazu mine is located within the Municipality of Concepcion del Oro in the north eastern region of the State of Zacatecas, Mexico, and covers approximately 11,072 hectares, including the historical, past producing El Cobre area. The Aranzazu mine consists of both open-pit and underground mine operations and an upgraded 2,600 tonne per day mill, which produces a copper-gold-silver concentrate using conventional flotation. Aura Minerals acquired the Aranzazu mine in June 2008. Aura Minerals announced that commercial production at the copper-gold-silver Aranzazu mine was achieved on February 1, 2011.

### SCOPE

JDS' scope of work included the increase of the Aranzazu Process Plant production from 1,200 to 2,600 tonnes per day.

The process scope of work included installation of jaw, secondary and tertiary crushing, extensive feed conveyors system, three refurbished used ball mills, a regrind mill and circuit, refurbishment of four banks of flotation cells, refurbishment of eight scavenger cells, a lime slacker system, tailings thickener and associated electrical, control, piping systems. The work also included construction of a tailings dam, concrete plant, administration building and mine dry. JDS also completed an underground mine plan and mine operation review for Aranzazu.

The JDS site construction team bid and managed the local contractors in the on-budget, on-schedule construction and commissioning of the Aranzazu Process Plant and Infrastructure.

**Project Value: \$36M**

