

Geology and Geotechnics at PFS Level for the La Colosa Gold Mining Project, Colombia

Client:

AngloGold Ashanti Colombia S.A.

Country:

Colombia

Duration:

from 01.05.2011 to 31.12.2014

Services:

Geologic investigation, geotechnical study

Project objectives

The La Colosa gold mining project is currently entering the pre-feasibility stage. Several geologic and geotechnical services are required for the design of the planned open pit and the associated infrastructure sites.

Project description

The La Colosa project, located in the High Andes of Colombia, is considered to be the largest gold mining project in the northern Andes and the largest single private infrastructure project in Colombia.

Project data

Current resource (as of Dec. 2014): approx. 28 Moz Au (inferred resource)

Open pit mining operation

Associated infrastructure sites: crusher, stockpile, plant, tailing site, waste dump, fresh water reservoirs

Project specifics

Of particular challenge are the overall dimensions of this project and the interdependence of the different activities (geology – mining – engineering – mineral economics) which determine the viability of the project.

Services

iC acts as consultant to the various project departments (Geology – Mining – Infrastructure) and is involved in geologic and geotechnical studies covering different topics, such as rock mass characterisation, structural geology and 3-D structural geologic modelling of the planned open pit area as well as the associated infrastructure sites.

