

VENTILATION RAISES SUBSILL & EL LIMÓN DEEP

EL LIMÓN – GUAJES (ELG) MINE, GUERRERO STATE, MEXICO TOREX GOLD RESOURCES

OVERVIEW

Media Luna is an underground deposit in the Guerrero gold belt region of Mexico which primarily contains gold, silver, and copper mineralization. The deposit is located on the south side of the Balsas River, approximately 7 km from the El Limón Guajes processing plant. In order to comply with the development plan of the Subsill mine, Z71 and Limon Deep mining zones, the incorporation of two ventilation circuits and emergency escape ways was required.

SCOPE

JDS has been tasked with the excavation of the vertical development, installation of the permanent ground support and the construction of the escapeway infrastructure using a mechanized raise climber. The project consists of two separate raises with a combined total of 325 m of vertical development at a cross section of 3.5 m x 3.5 m. In addition to the construction of the escapeway, JDS is also responsible for the design and procurement of the escape way ladders and landings. The ladderways were designed with intermediate subdrifts for multiple egress accesses to the raise. The project was primarily executed by a Mexican workforce with only a few expatriate workers from the USA and Canada.

