

# Guadalupe Volcanogenic Massive Sulphide Project

Zinc to 1.94%, Copper to 0.87%, Silver to 41.8 g/t and Gold to 0.67 g/t in Initial Drilling



The Guadalupe Project is Located 250km NNW of Lima, Peru - East of Huarmey - in the Cordillera Negra Mountain Range



**AVAILABLE FOR OPTION**

## ABOUT THE COMPANY

Pucara Resources Corporation is a Canadian privately held, Peruvian focused, precious metals explorer and project generator. It controls twelve early-stage, precious and base metals properties in central and southern Peru.

Three of these projects are currently optioned to IAMGOLD and Solaris Copper. The Lourdes and Pacaska HS gold projects are being permitted for drilling.

Pucara's experienced management and Peruvian exploration team have worked together since 2005, originally as Esperanza Resources' generative exploration team. The company is well-financed with strong backing from a sophisticated shareholder base of mining professionals.

## CONTACT INFO

The Guadalupe VMS project is available for option.

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## THE PROJECT

The Guadalupe project is located 250 km NNW of Lima, east of Huarmey, in the Cordillera Negra mountain range at 2,000 meters above sea level. The land package comprises 5,900 hectares held 100% by Pucara Resources SAC. The Guadalupe VMS target was identified by Pucara's generative exploration team in 2009,

## GEOLOGY

The Guadalupe project area features a thick section (>700 m) of the highly prospective Lower Cretaceous Casma Group, comprising bi-modal volcanic rocks of the volcano-sedimentary Huarmey basin. This is intruded by dioritic rocks of the Upper Cretaceous Coastal batholith and covered by Tertiary Calipuy volcanic rocks.

This is exact same geologic setting as major VMS deposits found both north in the Lancones basin and south in the Cañete basins.

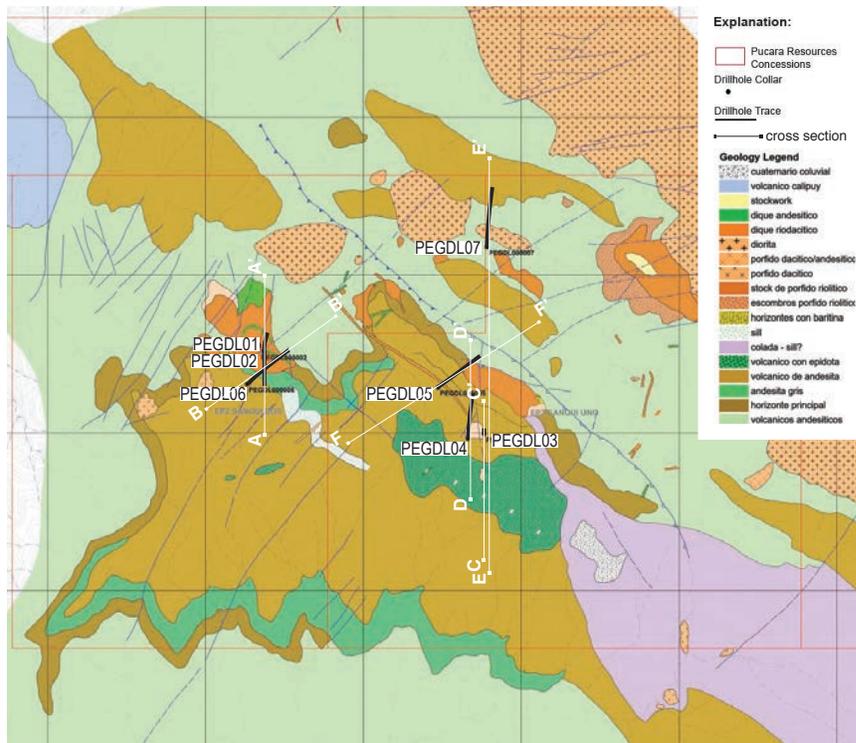


## SPHALERITE-SILICA VEIN

Diorite, with silica-clay alteration, 1% disseminated pyrite, 1% sphalerite-silica veinlets.

## HYALOCLASTITE BRECCIA

Hyaloclastite breccia with up to 5% disseminated pyrite and sphalerite in clasts and matrix cut by white quartz veinlets.



## OTHER PERUVIAN VMS DEPOSITS

World-class Peruvian VMS deposits include:

**Cerro Lindo Mine**, in production since 2007, with reserves of:

- 52 Mt of 1.9% Zn, 0.7% Cu, 20 g/t Ag; and

**Tambo Grande** deposits with measured resources of:

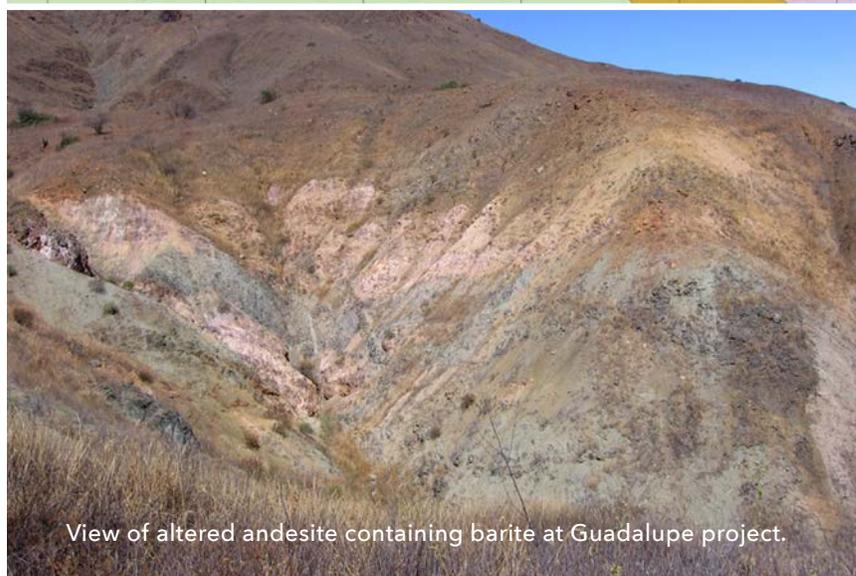
- TG1: 109 Mt of 1.0% Zn, 1.6% Cu, 22 g/t Ag, 0.5 g/t Au, and
- TG3: 82 Mt of 1.4% Zn, 1.0% Cu, 25 g/t Ag, 0.8 g/t Au.

## PREVIOUS EXPLORATION

Work at Guadalupe by Pucara's former partner includes: 3,776 m of drilling in seven holes, geologic and alteration mapping, rock and stream sediment geochemistry, induced-polarization (IP) and ground magnetometry (119 line-km) surveys, and an 18 line-km ground time-domain electromagnetic (TEM) survey. This work identified eight prospective rhyolite porphyry targets and 15 prospective EM targets.

The initial drill program partially tested only four of the rhyolite targets and none of the EM targets. It identified several prospective horizons and fault-controlled zones in basaltic andesite, rhyolite, and diorite. Assay results from select intervals exhibit: Zn to 1.94%, Cu to 0.87%, and Ag to 41.8 g/t.

In addition, and similar to the massive Tambo Grande deposits, gold (to 0.67 g/t) occurs in tectonic and hydrothermal breccias in every drillhole. As at other VMS deposits in Peru, Guadalupe exhibits zones of massive stratabound and vein barite ( $\geq 1.5\%$  Ba).



View of altered andesite containing barite at Guadalupe project.