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A Potential Cu Skarn in the Huachocolpa District-Peru

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The escondida project it is located at 7 km to the South West in the district of Huachocolpa, Huancavelica, Peru. it belongs to the Kolpa mining company and is a potential target of skarn.

The local geology has an outcrop of the Casapalca formation of the upper cretaceous, tantara formation, Apacheta formation, two intrusions dioritic and dacitic composition. The Casapalca formation is composed of 4 lithostratigraphic units recognized in the area. unit 3 shows calcareous levels and red shale intercalations on the surface there are recrystallized calcite veins product from hydrothermal processes.

Geophysical works such as IP, magnetometry and resistivity were carried out, obtaining anomalies in each one of them, adding the lithological variable of the calcareous horizon of the Casapalca Formation and the 3 mains, were solid arguments to carry out a drilling campaign with the objective of finding a Skarn deposit.

In 2021, a first drilling campaign of 1000 meters was programmed, recognizing 3 main veins.

There are three main veins: Camila, Camila I and Sr Manue with strike NW-SE and dip to the SW. In surface show minerals such as sphalerite, galena and freibergite.

In the drillhole ESC-21-04, at 180 meters below surface it intercept Camila vein as clast soported breccia with mineralization of fraibergite, sphalerite and chalcopirite; calcite, barite and brown Garnet in the matrix, with the following results: @2.60 meters, 0.07 Au g/TM, 7.98 AgOz/TM, 0.39% Cu, 0.72 Pb, 0.23% Zn.

A second drill hole program is currently underway to a depth of 800 meters with the objective of finding and defining a skarn deposit with mineralized zones greater than 1M MT at 3% Cu equivalent.