

**ANÁLISIS ESTRUCTURAL EN EL ÁREA DE LA ESTANCIA FLECHA NEGRA,
MACIZO DEL DESEADO, PROVINCIA DE SANTA CRUZ:
RELACIONES CON MANIFESTACIONES DE ORO Y PLATA.**

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Abstract:

At Flecha Negra Farm, central part of the Deseado Massif, the brittle deformation has been studied at different scales in order to reconstruct the palaeo-stress fields and their relationship with the epithermal mineralization. The Valenciana ignimbrite fractures have been analyzed using Landsat TM images. Additionally, field data from veins and joints have been obtained at the Florentina Farm and S of the Guanaco hill. These data supports a compressional event with a principal stress from the NW. The mineralization was located at transtensional zones where hydrothermal circulation deposited quartz with Au and Ag contents.