EVOLUCION METALOGENICA DE PERU METALLOGENIC EVOLUTION OF PERU

César E. Vidal

Av. Paseo La Castellana 827, Surco, Lima 33, Perú

Metallogenetic epochs with current economic relevance in Peru are the Upper Carboniferous, the Triassic-Jurassic boundary, the Paleocene-Eocene boundary and serveral pulses during the Miocene, Upper Carboniferous (280-300 Ma) gold veins are hosted by shear zones developed in the Hercynian Pataz batholith and in the Precambrian Marañon greenstone belt of northern Peru. In central Peru. Mississipi-valley-type zinc concentrated in dolomitized limestones, during diagenesis of the Upper Triassic-Lower Jurassic (200-220 Ma) Pucara basin. Amphibolitic iron skarns developed during Upper Jurassic times (154-160 Ma) in the submarine Río Grande volcanic basin. Porphyry copper deposits formed in southernmost Peru, during the Paleocene-Eocene transition (57-52 Ma), associated with the waning subvolcanic stages of the Batolito de la Caldara. The Miocene magmatic arc was recurrent in terms of hydrothermal systems driven by felsic and peraluminous volcanism and related subvolcanic processes. Ore deposits of arsenical copper, complex copper-leadzinc-silver, gold-silver, mercury, tintungsten and/or uranium formed during three Miocene pulses (22-25/18-10/8-5 Ma) throughout the Western Cordillera and the Altiplano regions.

REFERENCIAS

Aberg, G; Aguirre, L.; Lévi, B.; Nystrom, J., 1984. Spreading - subsidence and generation of ensialid marginal basins;

of Central Chile. In: Kokelaar, B.P. Howell, M.F.: Eds, Marginal basin geolo USER TO KOIPLEOV2

humada, R., 1985. Eventos intrusivos en el yacimiento cuprifero El Soldado, V Región, Chile. In IV Congreso Geológico Chileno, 3, 752-773.

Holmgren, C., 1985. Antecedentes para un modelo genético dei vacimiento El Soldado, V Región, In IV Congreso Geológico Chileno, 4, 626-630. amid

 Hoimgren, C₁, 1987. Antecedentes para un modelo genético del yacimiento El Soldado, V Región de Valparaíso, Chile, Rovista Geológica de Chile, 30, 3-18.

Klohn, E.; Holmgren, C.; Ruge, H., 1990 ElSoldado astratabound conner

²⁰¹ It's submatrine R'io Grande volcanic basin.
²⁰¹ Porphyly Copper deposits formed in counterninost cert, intring the Pasocene fransition (57–57 Ma), associated with the waning subvolcanic stages of the Batolito de la Caldara. The Miocene fransition is associated in agenatic art was recurrent in terms of by drothermal systems driven by telsic by drothermal systems driven by telsic as subvolcanic processes. Ore deposits of a subvolcanic processes. Ore deposits of a specificated frame.
²⁰¹ Subvolcanic processes. Ore deposits of a specificated compet, complex compet, complex contract in terms.
²⁰¹ Subvolcanic processes. Ore deposits of a specificated curring in a specificate processes. Ore deposits of a specificate fraction of the system of the Altophano regions.

Comunicationes Nº 45 (1994): 149-150

Maksaev, V.; Zentiili, M.; Kynolds, P., 1988 (a). Geocranologia "Ar!" Ar de depósitos de tipo portido cuprifero del Norte Grande de Chile, In V

AN NOLDUJOVA Reynolds, P., 1988 (b). Significade DIMBOOLUAREMectones K. A. "An^oAn y traxis de fisión en cl Notte Grande de Chrie. In V.Congressa Geológico Chilene, 1: B65-B86.

Aunizaga, P.: Holmgren, C.: Henric C.: Kawashita, K.: 1988. Geocranic logia de los yacimientos de coine El Soldado y Lo Aguirre, Chila/Centrala In V Congreso Georgy antiin V Congreso Georgy antita V.

8910-7710 E Paseo La Castellana 827, Surc

Ruge, H., 1985, Geologia y Mineralización del yacimiento de cobre El Solitaria, V Región, Chile, In IV Congresa Geológico Chileno, 3, 854-872.

hero, T., 1984. Manto-type copper depends in Chile; a review, Bull. Gool. Survey Japan, 35, 11, 565:582

Metallogenetic epochs with surrent economic relevance in Fetu are the Upper Carb onlictous, the Traassic-Jurassic brundary, the Paleocene Ecorne boundary and serveral pulses dungs the Miocene Upper Carboniferous (280-300 Margold Verus are hosted by sheat zones developed in the Hercyntan Pataz batholith and in the Receambrian Marañoa, greenstone Mississipi valley, type zine concentrated in dolomitized Timestones, courant diagenesis of the Upper Triassic-Lowen Itrassic (200-220 Ma) Pucara basin Amphibolitic iron skarns developed during Amphibolitic iron skarns developed during Marssic (190-220 Ma) Pucara basin Misper Turassic times (154-160 Ma) in