

## Au and W geochemical prospecting results in the Zorita area (Central Iberian Zone, Spain)

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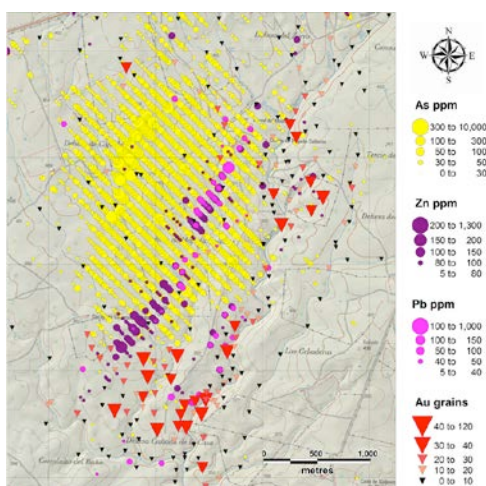
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In 1980 three drill holes were drilled in the area between Zorita and Logrosán granites (the Central Extremadura Batholith) and recorded high tungsten contents (up to 2000 ppm) [1]. Intensive geochemical survey carried by the junior prospecting company Mineral Exploration Network in 2014 revealed the presence of complex mineralization.

The promising target area contains contrastive zonal As, Pb-Zn anomaly in soil sediments presented on the figure below. Elevated concentrations of tungsten spatially correlate with the highest arsenic levels and are accompanied by significant quantities of gold particles (up to 111 grains) found in heavy mineral concentrates. The gold grains morphology and chemical composition indicate the proximity to a primary gold source [2, 3].



**Figure 1:** Geochemical map of the target area Zorita

- [1] Almadén-IGME (1987), *Servicio de Doc. IGME*. [2] Cheremazova *et al.* (2015), *J. Iber. Geol.* **41(2)**, 223-232.  
[3] Novoselov *et al.* (2015), *Mineralogija* **4**, 47-52