Sentinel Vision
SED-246
23 May 2018

2D Layerstack

Escondida copper mine in Chile

Sentinel-1 CSAR IW acquired on **19 May 2017** at 23:13:10 UTC
Sentinel-2 MSI acquired on **30 March 2018** at 14:37:49 UTC

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Keyword(s): Land, open pit mine, natural resources, mountains, geology, subduction, faults, volcanoes, endorheic basin, Atacama desert, Andes, Chile

Fig. 1 - S2 (30.03.2018) - 11,8,2 colour composite - This region of Atacama sports colours worthy of H. Bosch paintings. 3D view 2D view

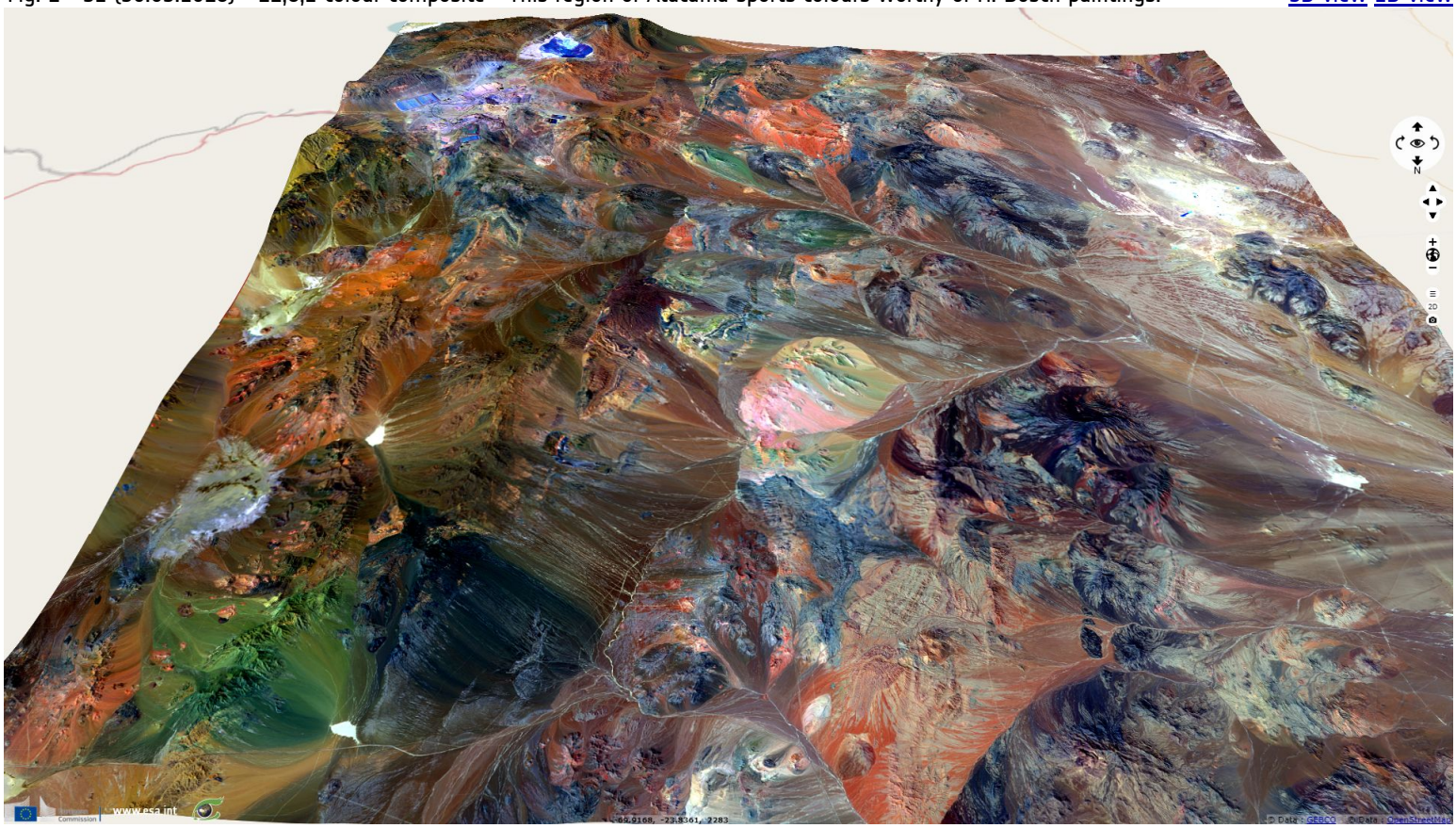

Fig. 2 - 4,3,2 natural colour - Escondida open pit shows various hues but less saturated colours in natural colour. 2D view

Built on a porphyry deposit, it is world's largest copper-producing mine. Copper represents 40% of Chile exports, which of Escondida produces 20%.

Fig. 3 - S1 (19.05.2017) - The radar image highlights the pits depth due to the radar shadow & foreshortening. 2D view

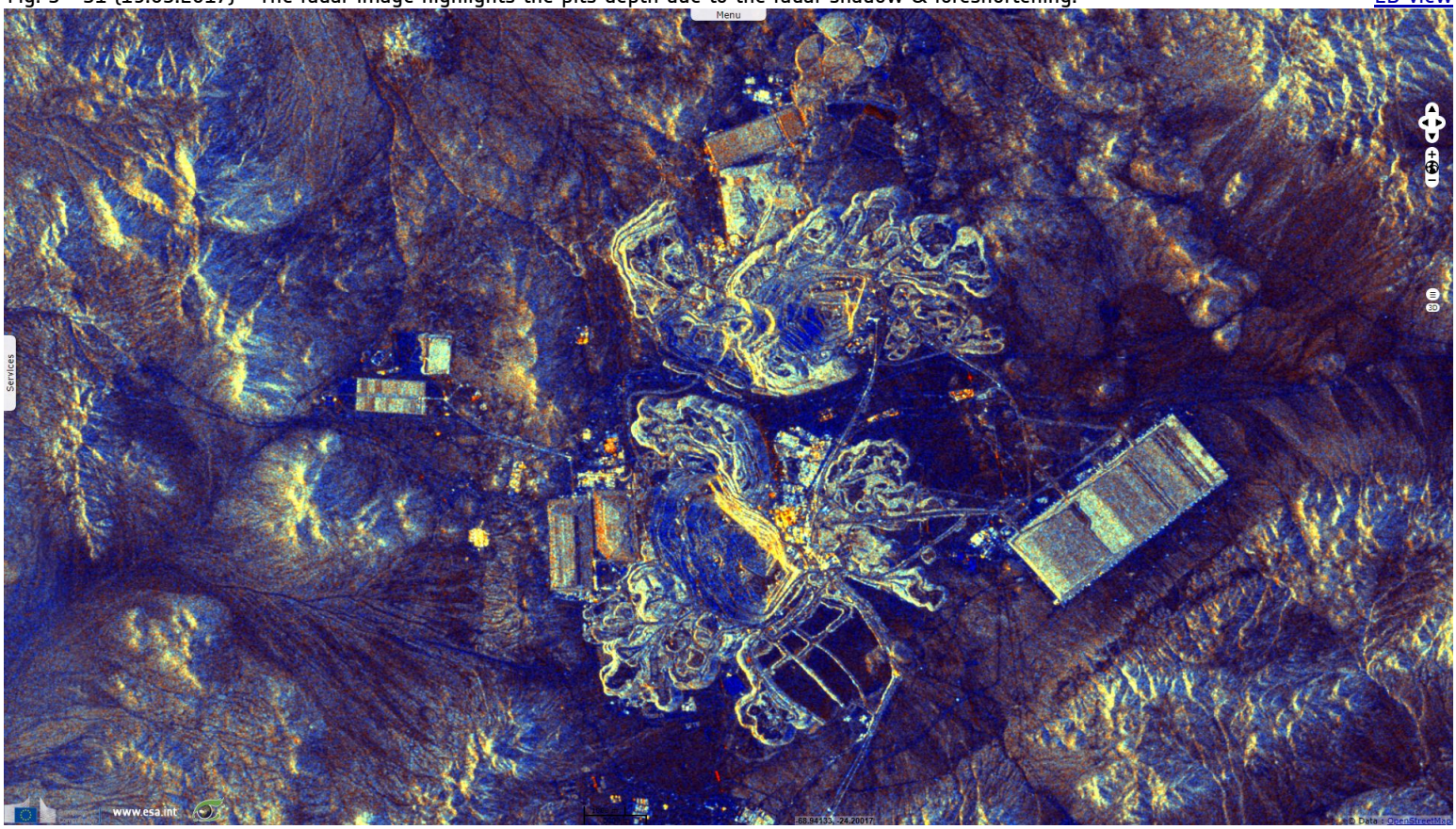

Fig. 4 - S2 - 11,8,2 colour composite - Pits, tailing, ponds & nearby volcanic bare soils show very differently in this composite. 2D view

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