

Berkeley pit toxic waters

Sentinel-2 MSI acquired on 26 October 2017 at 18:34:29 UTC
Sentinel-1 CSAR IW acquired on 28 October 2017 at 01:19:44 UTC

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[2D Layerstack](#)

Fig. 1 - Sentinel-2 (26.10.2017) - 11,8,2 colour composite - Berkeley pit is a former mine in Montana, NW of the USA.

[2D view](#)

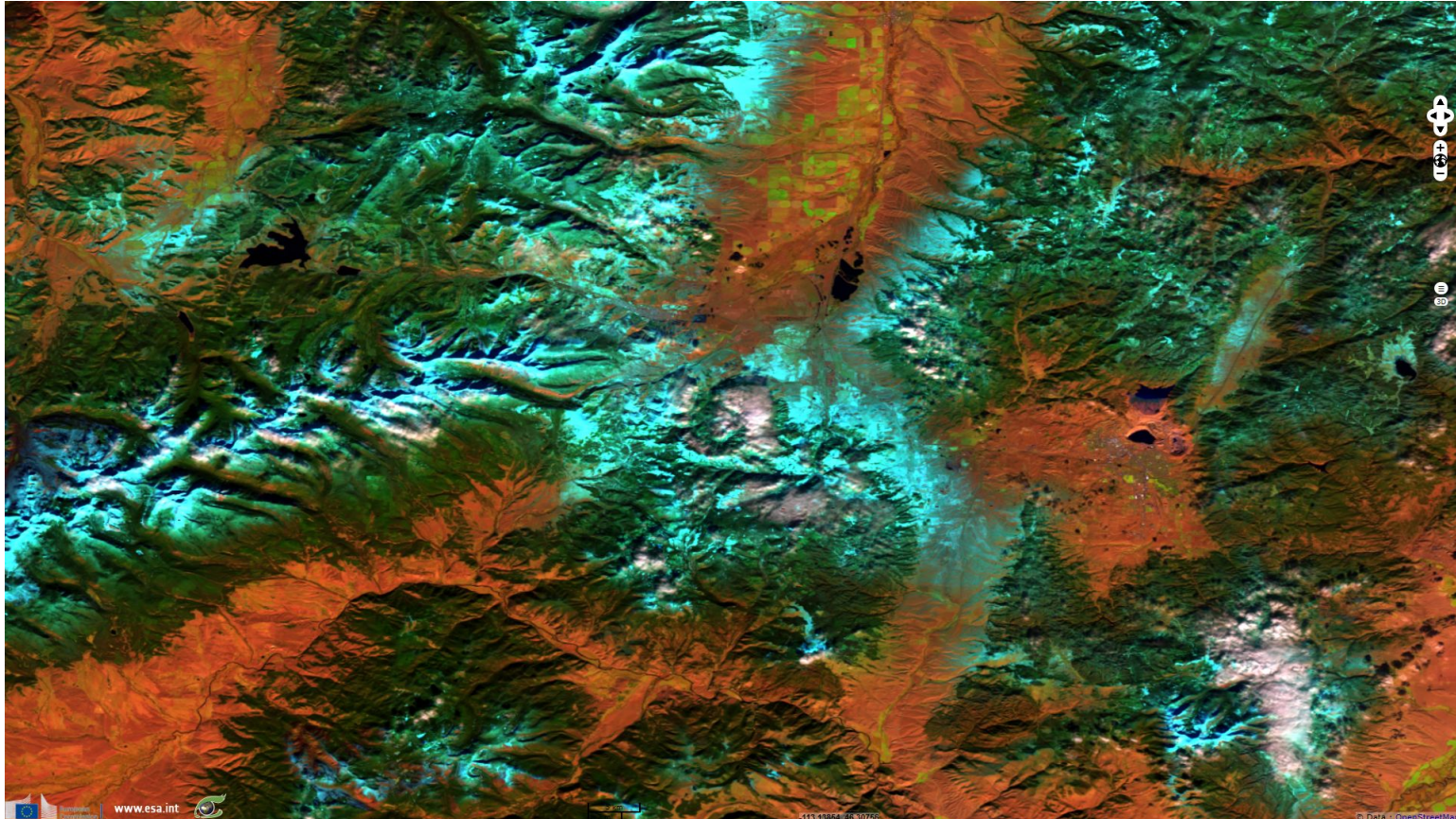


Fig. 2 - 12,11,4 colour composite - After its closure, drainage pumps were stopped, causing aquifers to slowly fill the 550m deep pit.

[2D view](#)

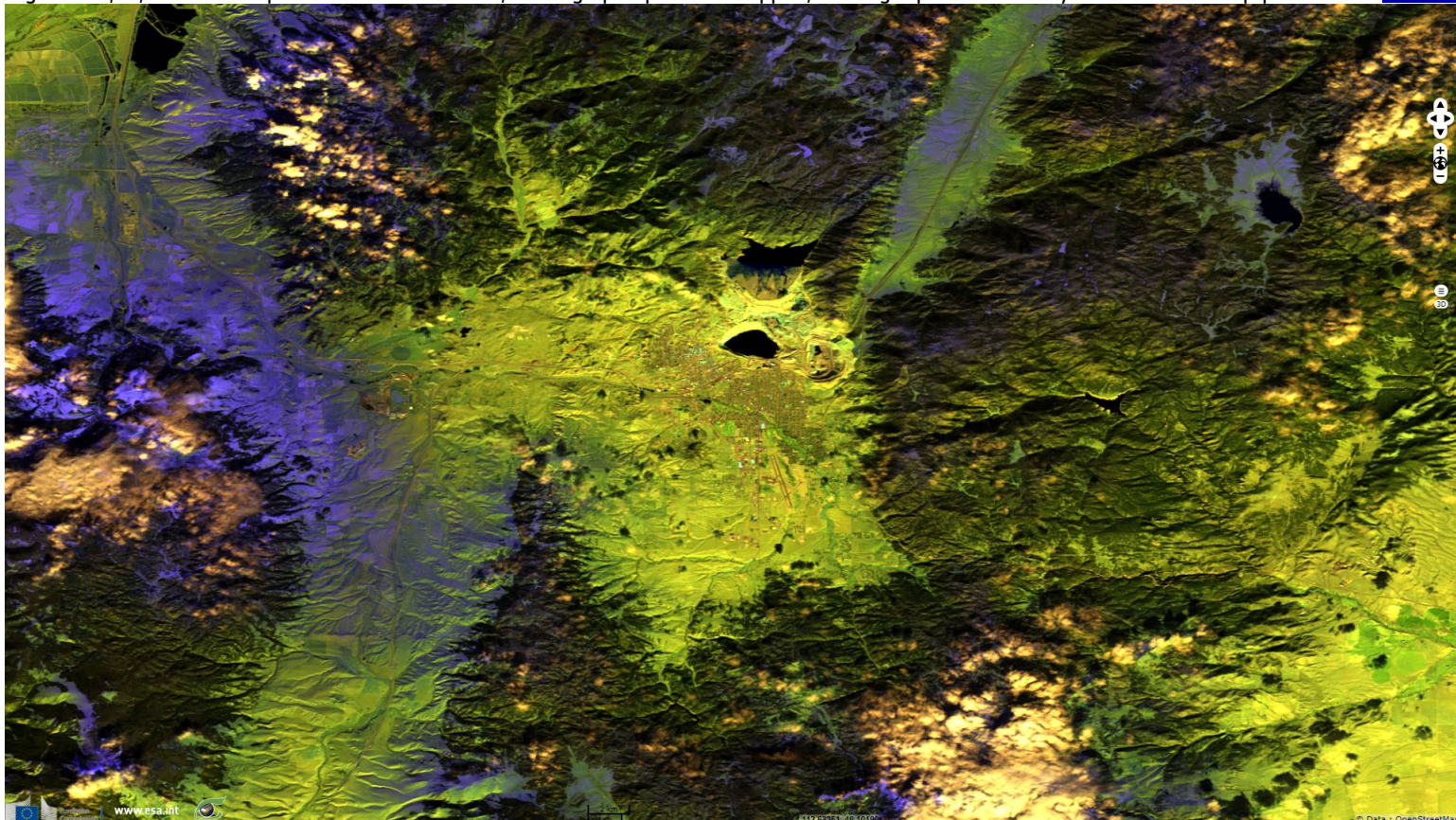


Fig. 3 - Sentinel-1 IW (28.10.2017) - vv,vh,ndi(vd,vv) colour composite - The highly acidic pit lake contains enough metal to be mined again. [2D view](#)

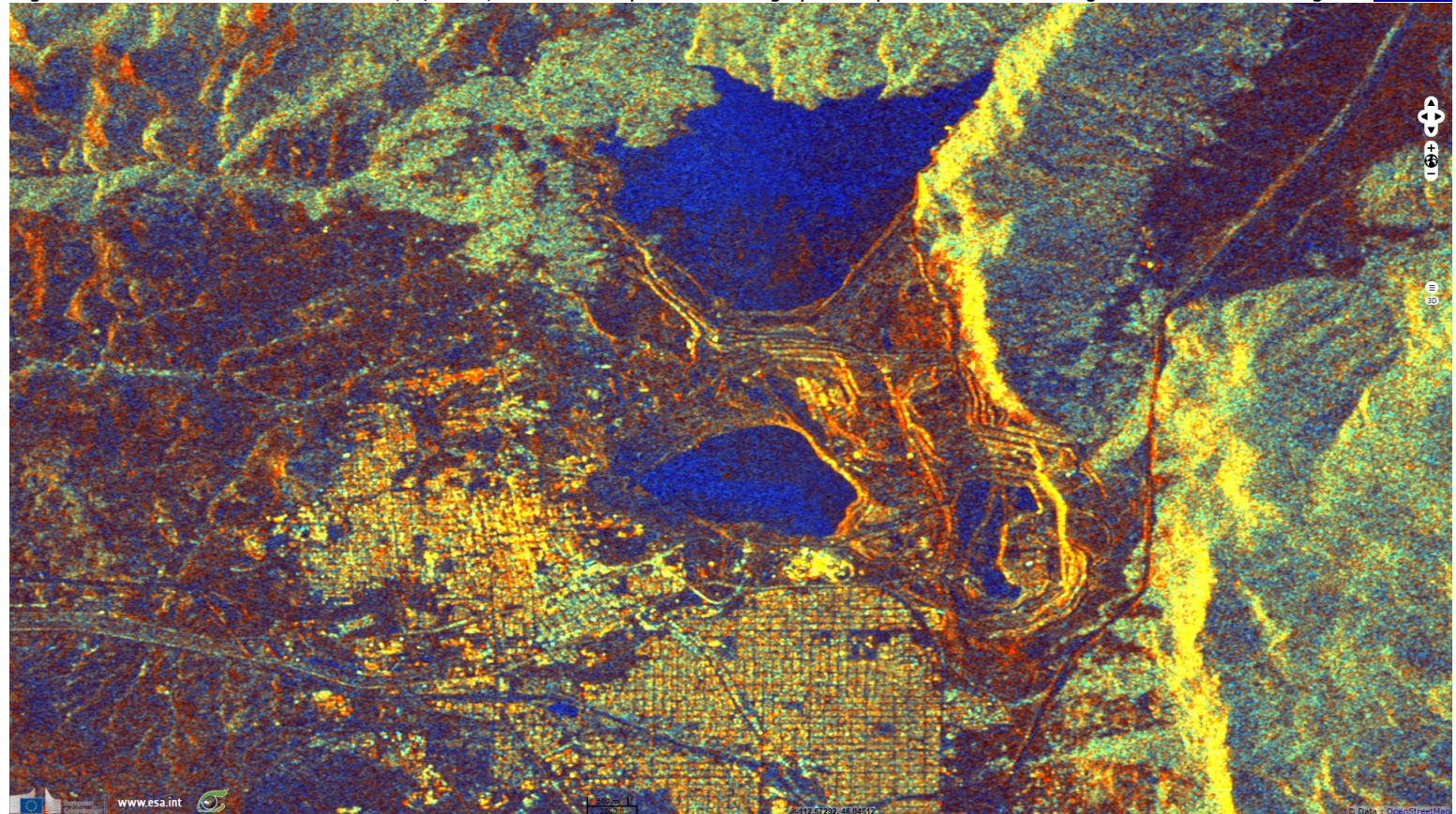


Fig. 4 - Sentinel-2 - 4,3,2, natural colour - Its toxicity caused the death of 342 geese in 1995 & thousands more in Nov. 2016. [2D view](#)



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