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FORECASTING AND ASSESSING EUROPE'S
STRATEGIC RAW MATERIALS NEEDS

WP7 Historic Mine Sites revisited

Deposit Fact Sheet

Bucium

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Name of deposit	Bucium			
Author	Marian Munteanu			
Location	Country	(nearest) Town	Coordinates	
	Romania	Abrud	Latitude	Longitude
			46.2639	23.1768

Main Commodity/ies	By-products	CRM potential
Au, Ag, Cu	Zn, Pb	Ge

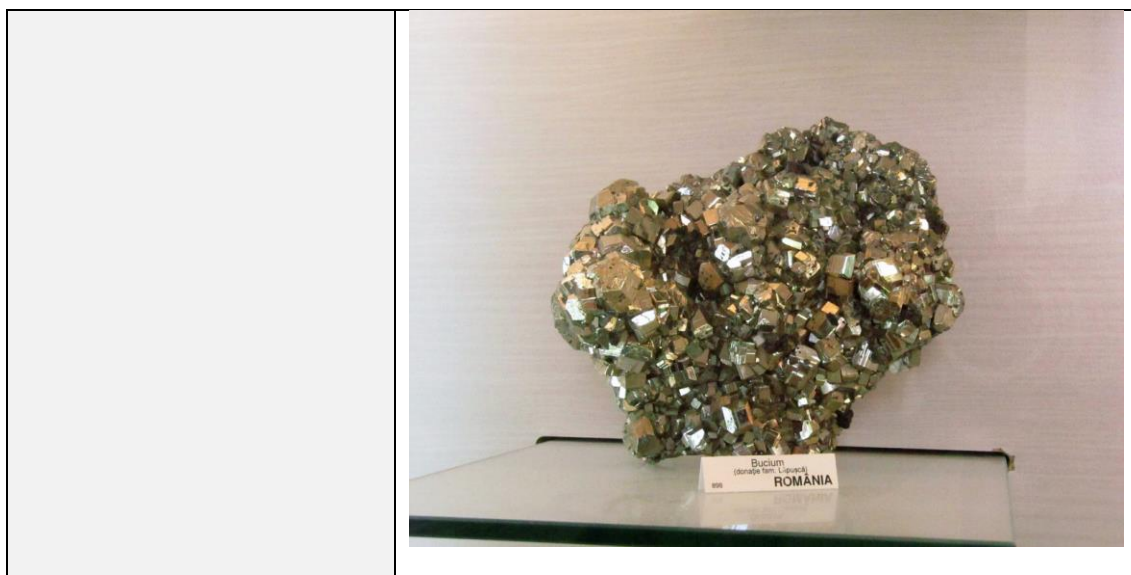
Type of deposit	Mine waste, ore		
Mine Status	closed		
Period of activity	Start	End	
	Before 100	1960	

Regional Geology		
Host rock(s)	Age of host rock	
Breccia pipe, andesite, sedimentary	Miocene, Cretaceous	
Mineralization		
Ore forming minerals	Age of mineralization	Ore grade
Pyrite, chalcopyrite, sphalerite, galena, tellurides, sulfosalts, native gold, chalcocite, bornite, enargite, germanite.	Miocene	up to several g/t Au, 432 ppm Ge in chalcopyrite and 2,900-4,700 ppm in enargite (Cheşu et al., 1983).
Deposit Type	Hydrothermal vein-type	



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Access restrictions	yes	no	unknown
	yes		
	Type of restrictions		
	mine is closed		

References	Literature	Links
	Borcoş, M., Kräutner, H.G., Udubaşa, G., Săndulescu, M., Năstăseanu, S., Biţoianu, C. (1984): Map of the mineral resources in Romania- Explanations. Geological Institute of Romania. Cheşu, M., 1983. Minor elements in non-ferrous ores from Romania (in Romanian). Editura Tehnică Bucureşti. Cioacă, M.E., Munteanu, M., Qi, L., Costin, G., 2014. Trace elements concentration in porphyry copper deposits from Metaliferi Mountains, Romania. A reconnaissance study. Ore Geology Reviews, 63, 22-39.	

Remarks
Ore mined out