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FORECASTING AND ASSESSING EUROPE'S
STRATEGIC RAW MATERIALS NEEDS

WP7 Historic Mine Sites revisited

Deposit Fact Sheet

Kutna Hora Ore District

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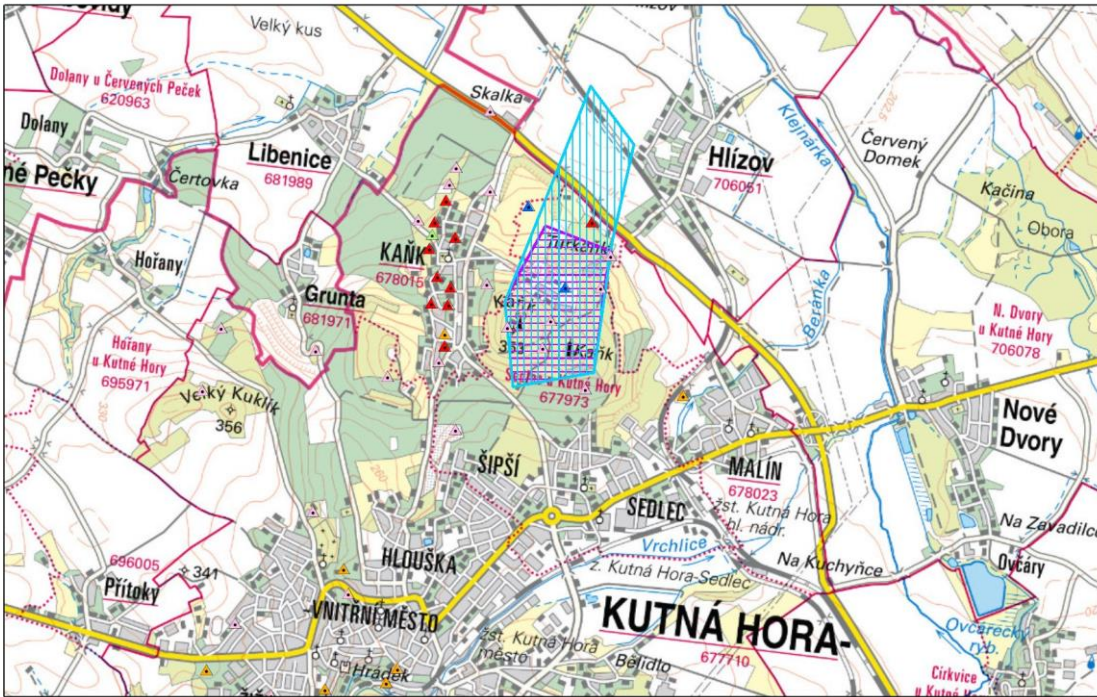




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Name of deposit	Kutna Hora ore district
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Kutna Hora  22. února 2019 © Česká geologická služba (Source: https://mapy.geology.cz/suris/) Triangles mark mine wastes facilities.				
Location	Country	(nearest) Town	Coordinates	
	Czech Republic	Kutná Hora (80 km E from Prague)	Latitude 49,9746	Longitude 15,2842

Main Commodity/ies	Pb, Zn, Ag	Cu	Fe
By-products	In	Bi	Co
CRM potential	In	Bi	Co



Type of deposit	Ore, Mine waste		
Mine Status	closed		
Period of activity	Start	End	
	From 10 th century	1991	
Production	Cumulative historic production (period)	Tonnage	Type
	10 th cent.-18 th cent. 1939-1991	1 340t Ag 25 000t	metal ore

Regional Geology		
Host rock(s)	Age of host rock	
Metamorphic gneisses, migmatites, amphibolites	Proterozoic, Moldanubian unit, Kutna Hora formation	
Mineralization		
Ore forming minerals	Age of mineralization	Ore grade
Sphalerite, chalcopyrite, galena, Ag sulphides, As minerals etc.	Variscian	20g/t Ag 0.07% - 0.08% (max. 0.2%) In in sphalerite
Deposit Type	Hydrothermal vein-type	

Reserves	Reserves (t metal)	Code	Category/ies
	41 Ag, 100 Cu, 400 Pb, 16,500 Zn, 861 000 PL	national	NEBIL
Resources	Resources (t metal)	Code	Category/ies
	21.8t In	national	geological

Access restrictions	yes	no	unknown
	Underground flooded, partly rehabilitation	Potential from mining wastes	
	Type of restrictions		
	Access only to area with mining site from 20 th century. Older part under town surface, mining museum.		
Ownership	Type of owner	Name	
	state	DIAMO, state enterprise	



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References	Literature	Links
	Main reports (only in Czech): Bartášek, M. (1969): Operativní výpočet zásob. Kutná Hora, Turkaňská a Benátecká žíla. ČGS Praha P 22293 – reserves calculation Mikuš et al., 1994: Kutnohorský rudní revír. Závěrečné zhodnocení. ČGS Praha FZ 6460 – synthetic report about all the time of mining Kubát M. (1995): Závěrečná likvidační zpráva ložiska Kutná hora. RD Příbram. ČGS FZ 6620. – final liquidation report of Turkank mine.	http://www.mining.cz www.diamo.cz https://mapy.geology.cz/suris/ http://www.zdarbuh.cz/tag/kutna-hora/

Remarks
Rest of geological reserves of deposit Kutná Hora (part of ore district) is 704 kt ore Zn-Ag with 3.04 % Zn, 103 g/t Ag and 21.8 t In. 417 kt Zn-Cu-Ag ore with sum. 3.37% Zn and 142 kt. Ag ore. Present is also Cd. Remarks are also about some low content of Au.