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MINFILE Record Summary

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MINFILE No 093M 067
[Production Report/Inventory Report](#)

by
by

SUMMARY

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Name	RED ROSE, WOLFRAMITE (L. 3045), TUNGSTEN (L. 3044), TUNGSTEN (L. 3041-3043)	Mining Division	Omineca
Status	Past Producer	BCGS Map	
Latitude	55° 08' 20" N	NTS Map	093M04E
Longitude	127° 36' 06" W	UTM	09 (NAD 83)
Commodities	Tungsten, Copper, Gold, Silver, Molybdenum, Uranium	Northing	6111140
Tectonic Belt	Intermontane	Easting	589137
Capsule Geology	The Red Rose mine is located on the northwest slope of the Rocher Deboule Range, 11 kilometres south of Hazelton.		
	Siltstone and argillite of the Middle Jurassic to Lower Cretaceous Bowser Lake Group are intruded by the Late Cretaceous Rocher Deboule granodiorite stock of the Bulkley Intrusions. The sediments are hornfelsed by emplacement of the stock and are intruded by northeast trending diorite dikes which are older than the stock. Bedding in the sediments strikes 015 degrees and dips 30 to 50 degrees west. The Chicago Creek fault, striking 010 degrees and dipping 70 degrees west, cuts all rocks and is a normal fault with a dip-slip of 600 to 900 metres.		
	The Red Rose vein-occupied shear is a small 145 degree striking, 65 degree west dipping fault, mainly hosted in a diorite dike. The vein is 1.2 to 2.8 metres wide, 60 to 120 metres along strike, and at least 335 metres down dip. It is pegmatitic and contains largely quartz with lesser amounts of feldspar, biotite, hornblende, ankerite, tourmaline, apatite, scheelite, ferberite, chalcopyrite, pyrrhotite, molybdenite and uraninite. Extensive lenses of chalcopyrite occur in the hanging wall shear. The biggest concentrations of radioactive material are erratically distributed with molybdenite in the wallrocks.		
	The vein has been developed and mined above the 1100 level and little is known below this level. Between 1942 and 1954, 103,424 tonnes produced 1,002,839 kilograms of tungsten. It is estimated that there are 13,600 tonnes of ore at a grade of approximately 1.9 per cent WO ₃ above the 1100 level (Bulletin 43). A 75-centimetre sample taken in 1914 assayed 28.8 grams per tonne gold, 110 grams per tonne silver and 3.9 per cent copper (Minister of Mines Annual Report 1914). A radioactive sample from the mine assayed 0.35 per cent equivalent uranium (Geological Survey of Canada Economic Geology 16).		
	Probable reserves above the 335 metre level are 13,606 tonnes grading 1.18 per cent tungsten (1.5 per cent WO ₃). Conversion to tungsten using the factor 1.2611.		

Bibliography

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 EMPR MAP 22; 53; 58; 65, 1989; 69-1 (#278)
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GSC MAP 971A; 44-24; 1731
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N MINER Aug.18, 1997
WWW <http://www.infomine.com/>



MINFILE Production Detail Report
 BC Geological Survey
 Ministry of Energy, Mines & Petroleum Resources

MINFILE Number: 093M 067 **Name:** RED ROSE **Status:** Past Producer

Production Year	Tonnes Mined	Tonnes Milled	Commodity	Grams Recovered	Kilograms Recovered
1954	26,888	26,888	Silver	11,758	
			Gold	9,324	
			Tungsten		229,077
			Copper		17,024
1953	36,463	33,967	Silver	15,048	
			Gold	9,975	
			Tungsten		254,669
			Copper		9,428
1952	26,484	26,484	Tungsten		184,696
1943	16,222	16,222	Tungsten		229,540
1942	7,316	7,267	Tungsten		79,469

Summary Totals

MINFILE Number: 093M 067 **Name:** RED ROSE **Status:** Past Producer

	Metric	Imperial
Mined	113,373 tonnes	124,972 tons
Milled	110,828 tonnes	122,166 tons

Recovery:

Silver	26,806 grams	862 ounces
Gold	19,299 grams	620 ounces
Tungsten	977,451 kilograms	2,154,911 pounds
Copper	26,452 kilograms	58,317 pounds

Comments:



MINFILE Inventory Detail Report
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Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
RED ROSE	13,606 t	Copper	0.3000 %	Bulletin 43, page 59.
1960	Indicated	Tungsten	1.1800 %	Probable reserves above the 335 metre level.
	Y			