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MINFILE Record Summary

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MINFILE No 093A 046

Inventory Report

by
by

SUMMARY

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Name	EAGLET, WASKO, DEB, BARRETT CREEK, QUESNEL LAKE	Mining Division	Cariboo
Status	Developed Prospect	BCGS Map	
Latitude	52° 34' 05" N	NTS Map	093A10W
Longitude	120° 58' 56" W	UTM	10 (NAD 83)
Commodities	Fluorite, Silver, Zinc, Lead, Molybdenum, Strontium	Northing	5826135
Tectonic Belt	Omineca	Easting	636754
Capsule Geology	The area is underlain by rocks of the (?)Hadrynian-Paleozoic Snowshoe Group of the Barkerville Terrane. Fluorite mineralization is contained in quartz-feldspar-mica gneiss injected with masses of pegmatite, aplite and granitic rock of normal texture. The gneiss is overlain by biotite schist. Foliation in the gneiss strikes east to northeast and dips 35 to 45 degrees north. The gneiss is highly fractured by numerous joints and faults which are generally either near vertical and striking north to slightly west of north, or vertical to steeply southeast dipping and striking northeast.		
		Deposit Types	I11 : Barite-fluorite veins
		Terrane	Barkerville

Fluorite occurs as grains disseminated in the country rock, as thin films on fractures, as veinlets and scattered veins up to 15 centimetres wide, and as pods and irregular masses 15 to 20 centimetres wide. Drilling results seem to indicate a series of steeply dipping north to northeast trending zones of mineralization with an enriched zone adjacent to the footwall or lower contact of the mineralized gneiss. The mineralized zone extends 1500 metres in an east-west direction and 900 metres in a north-south direction. In addition to fluorite, mineralization consists of galena, sphalerite, molybdenite, celestite, pyrite and associated silver. Gangue minerals consist of quartz, calcite, dickite and allanite. Chloritic, sericitic and potassic alteration with associated biotite and epidote are evident in the area. An age date on fluorite using fission track methods resulted in a date of 104.6 Ma +/- 6 Ma (Fieldwork, 1988).

Indicated (probable) reserves are 24 million tonnes grading 11.5 per cent fluorite (CaF2) (Eaglet Mines Ltd. Annual Report 1984).

Bibliography

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 EMPR EXPL 1980-535; 1981-295; 1982-19
 EMPR FIELDWORK 1988, pp. 476-478
 EMPR GEM 1973-546; 1975-E199
 EMPR MAP 65, 1989
 EMPR OF 1992-1; 1992-9; 1992-16
 EMPR PF (Report of the Annual Meeting Eaglet Mines Ltd. June 7, 1983; Memo from M. Steeves July, 1983; Correspondence July, 1983; Memo from Corporate Finance July, 1983; Eaglet Mines Ltd. Investment Highlights, 1983; Ball, C.W. and Boggaiam, G. (1984): Geology and Development of the Fluorspar Deposits of Eaglet Mines Limited)
 EMR MIN BULL MR 223 B.C. 203
 GSC MAP 1424A
 CJES Vol.25, pp. 1608-1617
 GCNL #200, 1979; #147, 1980; #47,#70,#74,#105, 1981; #2,#77,#105,#153, #204, 1982; #60,#110,#155,#188,#226, 1983; #76,#105,#132, 1984; #19, #135,#150,#162,#214,#245, 1985; #20,#43, 1986
 N MINER Aug.7, 1980; Mar.19,Apr.16, 1981; Jan.14,May 6,Jul.29, Nov.4, 1982; Apr.7,Jun.16,Aug.18, 1983; Apr.26,Jun.7,Jul.19, 1984; Jul.18, 1985
 PR REL (Continental Carlisle Douglas, 1981)
 W MINER Dec. 1982
 Placer Dome File



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

MINFILE Number: 093A 046 **Name:** EAGLET **Status:** Developed Prospect

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
EAGLET 1983 Y	24,000 kt Indicated	Fluorite	11.5000 %	Eaglet Mines Ltd. Annual Report 1984. Drill indicated.