



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

Location/Identification

MINFILE Number: 104I 031 **National Mineral Inventory Number:** 10419 Pb1

Name(s): HERB
MAY, THRUST, RAM

Status: Showing **Mining Division:** Liard

Regions: British Columbia **Electoral District:** Stikine

BCGS Map: 104I070 **Resource District:** Fort Nelson Natural Resource District

NTS Map: 104I09E **UTM Zone:** 09 (NAD 83)

Latitude: 58 41 18 N **Northing:** 6505668

Longitude: 128 08 27 W **Easting:** 549806

Elevation: 1755 metres

Location Accuracy: Within 500M

Comments: Centre of Herb claims (3-12) which extended about 2 kilometres north-south and 1 kilometre east-west located about 112 kilometres east-northeast of Dease Lake and a few kilometres north of the Turnagain River (Geology and Exploration in British Columbia 1972, page 544).

Mineral Occurrence

Commodities: Lead, Zinc, Silver

Minerals **Significant:** Galena, Sphalerite

Alteration: Kaolin, Limonite

Alteration Type: Argillic, Oxidation

Mineralization Age: Unknown

Deposit **Character:** Vein

Classification: Hydrothermal, Epigenetic

Type: I05: Polymetallic veins Ag-Pb-Zn+/-Au

Host Rock

Dominant Host Rock: Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Proterozoic	Ingenika	Stelkuz	-----
Lower Cretaceous	-----	-----	Turnagain Pluton

Isotopic Age	Dating Method	Material Dated
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Lithology: Biotite Granite, Quartz Monzonite, Granodiorite, Sandstone, Shale, Slate, Limestone, Phyllite, Quartzite, Schist

Comments: The Turnagain pluton is part of the Early Cretaceous Cassiar batholith.

Geological Setting

Tectonic Belt: Omineca **Physiographic Area:** Cassiar Mountains

Terrane: Cassiar, Plutonic Rocks

Metamorphic Type: Regional

Grade: Greenschist

Inventory

Capsule Geology

The Herb occurrence is located approximately 112 kilometres east-northeast of Dease Lake and a few kilometres north of the Turnagain River.

The area of the showing is mapped as undivided sediments and metasediments of the Upper Proterozoic Stelkuz Formation (Ingenika Group) and Lower Cambrian Boya Formation (Ingenika Group). Rocks may include sandstone, siltstone, shale, slate, limestone, phyllite, quartzite and schist. The Turnagain pluton, of the Lower Cretaceous Cretaceous Batholith, consists of biotite granite and intrudes this package in the showing area.

Nearby, rocks of the Upper Proterozoic Ingenika Group including the Espee, Swannell and Tsaydiz formations occur. The Espee Formation consists of crystalline limestone, sandy limestone and dolostone. Undivided strata of the Swannell and Tsaydiz formations consisting of phyllite, schist, phyllitic limestone, siltstone, quartzite and conglomerate covers significant areas. A few kilometres to the south of the showing area, the Cassiar Batholith intrudes the country rock. The batholith consists of granite, quartz monzonite and granodiorite.

Galena and sphalerite occur as veins in highly kaolinized granite. Silver is also reported (Geology and Exploration in British Columbia 1972, page 544). Limonite and manganese staining is widespread.

Work History

During 1967 through 1969, Rip Van Mining Ltd. worked the property, including 14 diamond-drill holes.

During 1969 through 1971, El Paso Mining and Milling completed exploration programs including geological mapping, rock chip sampling, ultraviolet geophysical sample survey and drilled over 4000 metres in 20 holes on the area; results are not available.

In 1971, El Paso returned the original Ram claims to W. Kuhn. In 1972, detailed geochemical work and prospecting by Kuhn discovered new mineralization. Soon after, more new mineralization was also discovered by geological crews who went to examine the property. In 1975, W. Kuhn prospected the area as the Eliza and May claims.

During 1977 through 1979, Union Carbide Canada Ltd. completed programs of geological mapping, geochemical (rock and soil) sampling, test pitting and at least four diamond drill holes, totalling 898 metres, on the area as the Ram and May claims. Much difficulty was encountered, and the lowest skarns, which on previous surface sampling gave the best values in tungsten, were never reached by any of the drilling. In 1980 and 1981, the claims were returned to Kuhn and programs of prospecting, geochemical (rock and soil) sampling, trenching and a 1.2 line-kilometre ground magnetic survey were completed on the Ram, Eliza, Lamb and Sheep claims.

In 1997, Hunter Exploration Group completed a program of prospecting and geochemical (rock, silt and soil) sampling on the area as the Turnagain 1-9 claims.

In 2012, BCarlin Resources Ltd. completed a program of rock and silt sampling on the area as the B 1-100 claims of the Blue Sheep property.

Bibliography

EMPR ASS RPT 5473, 5781, 6507, 6755, 6927, 7510, 7672, 8409, 10081, 25186, 28446, 33668

EMPR GEM 1970-40; 1972-544

EMPR OF 1996-11

EMPR PFD 812276

GSC BULL 504

GSC MAP 9-1957; 29-1962; 1418A; 1712A

GSC OF 610; 2262; 2779

GSC P 78-1A, pp. 25-27

Chevron File

Robb, W. (2007-11-09): Thrust Project

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	2023/06/02	Revised By:	Karl A. Flower (KAF)	Field Check:	N