

Location/Identification

MINFILE Number:	082ESE015		
Name(s):	<u>GILT EDGE (L.977)</u>		
	PHOENIX MINE		
Status:	Showing	Mining Division:	Greenwood
		Electoral District:	Boundary-Similkameen
Regions:		Resource District:	Selkirk Natural Resource District
BCGS Map:	082E018		
NTS Map:	082E02E	UTM Zone:	11 (NAD 83)
Latitude:	49 06 14 N	Northing:	5440225
Longitude:	118 35 30 W	Easting:	383826
Elevation:	1118 metres		
Location Accuracy:	Within 500M		
Comments:	Part of the Phoenix Mine. Shaft location is on GSC Map 16A. The Phoenix pit (082ESE020) lies 1000 metres to the south. See Phoenix, Brooklyn (082ESE013) and Stemwinder (082ESE014).		

Mineral Occurrence

Commodities:	Copper		
Minerals	Significant:	Chalcopyrite, Pyrite	
	Associated:	Garnet, Epidote, Chlorite	
	Mineralization Age:	Jurassic-Cretaceous	
Deposit	Character:	Disseminated	
	Classification:	Porphyry, Skarn	
	Type:	K01: Cu skarn	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Jurassic-Cretaceous	Brooklyn	Unnamed/Unknown Formation	-----
Isotopic Age	Dating Method	Material Dated	
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Lithology: Microdiorite, Augite Porphyry, Augite Porphyry Dike, Arkose, Limestone, Siltstone

Geological Setting

Tectonic Belt:	Omineca	Physiographic Area:	Okanagan Highland
Terrane:	Plutonic Rocks, Quesnel		

Inventory

No inventory data

Capsule Geology

The Gilt Edge claim (Lot 977) lies 1 kilometre to the north of the Phoenix pit (082ESE020), at the head of Deadman gulch in an area of extensive drift cover. The early exploratory work, dating from prior to 1912, consists of a shallow shaft, some trenching and a few diamond drill holes.

The mineralized zone, consisting of pyrite and chalcopyrite disseminations, is of slight superficial extent. It is cut off to the west by an augite porphyry dike (Tertiary), while to the east it is overlain by sediments (arkose) of the Kettle River Formation and lavas of the Marron Formation, both of Tertiary age.

See Phoenix for additional details on development, geology and mineralization in the area.

Bibliography

EMPR AEROMAG MAP 8497G

EMPR ASS RPT 809

EMPR BULL 101, p. 235

EMPR GEM

EMPR MR MAP 6 (1932)

EMPR OF 1990-25

EMPR P 1986-2, 1989-3, pp. 41-43, 99

EMPR PRELIM MAP 59

GSC MAP *16A; 828; 45-20A; 6-1957; 10-1967; 1500A; 1736A

GSC MEM *21, pp. 56,71,85

GSC OF 481; 637; 1969

GSC P 45-20A; 67-42; 79-29

CIM Transactions Vol. 59 (1956), pp. 384-394

Basque, Garnet (1992): Ghost Towns & Mining Camps of the Boundary
Country; Sunfire Publications Limited, pp. 82-115

Ball, M. (2017-01-26): Technical Report on the Greenwood Area Property

Cowley, P. (2017-06-02): Updated Preliminary Economic Assessment on
the Greenwood Precious Metals Project

EMPR PFD 812144, 812145, 812216, 886347, 886348, 886349, 801935, 801948, 801956, 801971, 801975, 21759, 21780

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: Y

Date Revised: 2020/07/22

Revised By: Karl A. Flower (KAF)

Field Check: Y