

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SAPPHIRE and GEM

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°59'50" Long. 117°13'

Mining Division
Division minière

Slocan

District
District

Kootenay

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

1935: Henry P. Jackson,
Paulson, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

According to Cairnes (1935, p. 122): The workings explore a fissure-vein zone, several feet wide, striking N50°E and dipping 60 to 70°SE. It intersects mostly massive sediments of the Slocan series, including a number of narrow limestone beds and limy quartzitic strata ... The zone contains a number of closely spaced, narrow fissures representing joint fractures in the sediments, along some of which movement has occurred. The fissures vary from an inch or less to several inches in width and carry veins of argentiferous galena which, so far as could be seen, have been mostly stoped out near the surface. The gangue mineral is quartz.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The Sapphire and Gem Crown-granted claims cross Payne Ridge northwest of Mount Payne at an elevation of 6,750 feet.

The workings on the Sapphire claim lie mostly on the southwest and those of the Gem claim on the northeast slope of the ridge. Development consists of a series of short adits, shafts, raises, and opencuts.

Apparently little or no work has been done on these claims in recent years.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

The Sapphire claim is credited with a production, in 1899 and preceding years, of 128 tons, yielding an average of about 104 ounces of silver to the ton and 58 per cent lead.

REFERENCES/BIBLIOGRAPHIE

Cairnes, C.E.; Description of Properties, Slocan Mining Camp, British Columbia; Mem. 184, p. 122, Geol. Surv. of Canada, 1935.

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, Geol. Surv. of Canada, 1960.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 273 A, Sandon, (Geol.), Sc. 1":4,000'.

Map 1090 A, Nelson, (Geol.), Sc. 1":4 miles - accomp. Mem. 308.

Map 1091 A, Nelson, (Mining Properties), Sc. 1":4 miles - accomp. Mem. 308.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

09-61

BIT 82 F/NW-18,200.