

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ NEW SPRINGFIELD (MILLER CREEK MINE)

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

OBJECT LOCATED  
OBJET LOCALISÉ

The New Springfield claim is located on Miller Creek on the main road leading from Sandon to Wild Goose basin. Development of the property began prior to 1900, and in 1902 the claim was Crown-granted to the Miller Creek Mining Company.

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°58'40" Long. 117°15'30"  
Lat. Long.

Workings consist of 4 adits, now mostly inaccessible. The Uppermost or No. 1 shaft opens on the left bank of Miller Creek, and the others on the opposite side. The best ore was found in a shoot extending from No. 2 level to the surface, a vertical distance of about 45 feet. This shoot had a maximum length of 100 feet and has been mostly stoped out above the level. Below the level a winze was sunk for 40 feet on the downward continuation of the orebody and is said to have encountered a much higher proportion of sphalerite than that from above the level. In 1957 the owner E.H. Peterson raised 10 feet in the west drift of this adit. Sorted ore from this work was sent to the Trail smelter.

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

1957: E.H. Peterson,  
Sandon, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The area contains few rock exposures and consequently the structure is not well understood. Conflicting attitudes in argillites and quartzites are seen in the creek bed close to the workings. These workings explore a fissure-vein lode cutting the sediments on a strike of about N85°E and dipping almost vertically. In No. 3 adit the lode is sinuous, appears to be a moderately strong break and contains as much as 2 feet of quartz and siderite, which locally is associated with sphalerite. In the short adit above No. 3, quartz, carbonate, sphalerite and galena are exposed in irregular widths as great as several feet, in the inner half of the adit. Some zinc ore of excellent grade has been cobbled from this adit.

The main or No. 3 adit crosses a lode 55 feet from the portal. Drifts follow this lode 50 feet to the southeast and 255 feet to the west where in both instances the drifts are caved. The last recorded work on this level was in 1947, when the adit was reopened. A small adit 27 feet above No. 3 adit is 50 feet long and its face is vertically above the lower drift 30 feet west of the crosscut.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production from 1897 to 1952 amounted to 189 tons containing 9,565 ounces of silver, 106,081 pounds of lead, and 54,189 pounds of zinc. Production in 1944 was 97 tons containing 776 ounces of silver, 5,415 pounds of lead and 39,822 pounds of zinc. The 1944 production, averaging almost 23% zinc, came from the upper adit. The last recorded production was in 1957 when  $\frac{3}{4}$  of a ton of ore having a gross content of 57 ounces of silver, 692 pounds of lead, and 167 pounds of zinc, was shipped to Trail.

REFERENCES/BIBLIOGRAPHIE

- Cairnes, C.E.; Descriptions of Properties, Slocan Mining Camp, British Columbia; Mem. 184, pp. 82, 83, Geol. Surv. of Canada, 1935.
- Hedley, M.S.; Geology and Ore Deposits of the Sandon Area, Slocan Mining Camp, British Columbia; Bull. 29, p. 93, Dept. of Mines, B.C., 1952.
- Little, H.W.; Nelson Map-Area, West Half, British Columbia; Mem. 308, Geol. Surv. of Canada, 1960.
- Annual Reports, Dept. of Mines, B.C.: 1902, p. 300; 1947, p. 170; 1952, p. 44, 176; 1957, pp. A 47, 54.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

- Map 273 A, Sandon, (Geol.), Sc. 1":4,000'.
- Areal Geology of the Sandon Area, Sc. 1":800' - Fig. 2 - accomp. Bull. 29.
- 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						

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