

NAME 01. BIBLIO

MINISTRY OF ENERGY, MINES AND  
PETROLEUM RESOURCES  
VICTORIA, BRITISH COLUMBIA

SUBJECT HALIFAX

82ESE099

SUB  
FILE No. 01

001259

PROPERTY FILE

MINERAL DEPOSIT INVENTORY

Property No. 1208 Metal.  Industrial Mineral.  Placer.  Coal.  Lapidary.  Number of cards.

Name: Current \_\_\_\_\_ Previous \_\_\_\_\_

C.G. lot name Halifax No. 3042

Owner BURNT BASIN MINES LTD. Operator Alviya Mines Ltd 1974-75  
DONNA MINES LTD - 1973-1975

Location: Map No. 82E/SE-99 N.T.S. Sheet 82E/1E L.L.Q. 49°18'S.E. Claim \_\_\_\_\_ El. \_\_\_\_\_

M.D. Greenwood In park \_\_\_\_\_ E. & N.  Phys. subd. Menashee Mountains

Isolated deposit.  Mineralized region.  Mining camp \_\_\_\_\_ Locality Burnt Basin  
Prec. 1

Discovery: Date \_\_\_\_\_ Method \_\_\_\_\_

Status: Producer : Active.  Intermittent.  Inactive.  Exhausted.  L.+  L.  M.  S.  S.-

Non-producer : Pot. prod.  Under exploration.  Prospect.  Occurrence.

Reserves: L+.  L.  M.  S.  S-.  Tons \_\_\_\_\_ Grade \_\_\_\_\_

Est. potential: L+.  L.  M.  S.  S-.  Grade \_\_\_\_\_

Development: Surface \_\_\_\_\_ Surveys: Geophys.  Geochem.  Geol.

Underground \_\_\_\_\_

Diamond drilling \_\_\_\_\_ Other drilling \_\_\_\_\_

Reports on Property: M.M. A.R. 1901, 1067, 1903, 247, 1927, 226, 1928, 236, 1929, 255, 1930, 228, 1972-33,

Dept. expl. forms inspect. rep. - 1973, 1974, 1975

Assessment reports: Geological \_\_\_\_\_ Geophysical \_\_\_\_\_ Geochemical \_\_\_\_\_

Geological and maps \_\_\_\_\_

Reports on Region: Geological \_\_\_\_\_

Geophysical \_\_\_\_\_

Geochemical \_\_\_\_\_

Recorded by \_\_\_\_\_ Date \_\_\_\_\_ Revised by \_\_\_\_\_ Date \_\_\_\_\_

Summary description \_\_\_\_\_

Category of deposit \_\_\_\_\_

Wallrock(s) \_\_\_\_\_ Formational name \_\_\_\_\_

Attitude of deposit: Strike \_\_\_\_\_ Dip \_\_\_\_\_ Azimuth \_\_\_\_\_ Plunge \_\_\_\_\_

Size: Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_

Character of mineralization \_\_\_\_\_

Main elements \_\_\_\_\_

Mineralogy \_\_\_\_\_

Assays \_\_\_\_\_

Production: Tons \_\_\_\_\_ Grade \_\_\_\_\_

Remarks \_\_\_\_\_

- part of BURNT BASIN MINE

Product(s) Ag, Pb, Zn

1972-33,  
1973-36  
1974-32  
1975-  
1978-E13

Property No. 1208

82E/SE-99

PRODUCT

LEAD

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 82 E/1

REF. PB 2

NAME OF PROPERTY

HALIFAX

OBJECT LOCATED - centre of Halifax claim  
(Lot 3042).

UNCERTAINTY IN METERS -300. Lat. 49°10'10" Long. 118°07'25"

Mining Division Greenwood District Similkameen

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The underlying rocks are chiefly Pennsylvanian and/or Permian limestones, volcanic tuffs, and andesites of the Mount Roberts Formation, intruded by diorite and more recent alkali-syenite dykes. The mineralized area occurs entirely in the limestone and development shows that it extends for a length of at least 500 feet. The ore-minerals are galena, zinc-blende, and pyrite in a gangue of quartz in the upper zone and chalcopyrite and pyrite in the lower.

The limestone-beds strike generally north-west, dip about 50° to the north-east, and are considerably warped and fractured.

Associated minerals or products of value - Zinc, silver, copper.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located in Burnt Basin, at the head of Josh Creek, 2½ miles south-southwest of Paulson.

Six claims, the Halifax, Jenny Lind, Golden Age (Lots 3042-3044), Havana (Lot 2131), Ennismore and Arlington (Lots 2595-2596), are included in this property.

The first reported work was on the Arlington claim in 1899. Two Crown-grantings are reported; to Frank Asprey in 1903, and to Henry P. Jackson in 1921. The Ennismore claim, adjoining the Havana on the northwest, was reported owned in 1901 by The Avon Mining and Milling Company, Limited. The working at that time comprised 100 feet of adit and a 50 foot shaft. The claim was Crown-granted in 1904 to Esdras N. Quinette.

The Halifax, Golden Age, and Jennie Lind claims were Crown-granted in 1903 to Arthur Jordan. A lease on the property was held by Geo. and Henry Jackson during 1927-1929. A crosscut was driven 110 feet by the Jacksons. The property was optioned by Joseph Grafton, of Rossland, in 1930 and considerable work was reported. By 1937 Mr. Grafton held a total of 21 claims in the area.

The Halifax and several other claims were acquired or leased by W.W. Schwartzenhauer and associates in 1948. Some ore was shipped in 1948 and 1949.

Christina Lake Mines Ltd., incorporated June 1964, acquired a large block of claims in the area. In 1965 a geochemical soil survey was carried out over the Halifax and Eva Bell (see 82 E/1, Pb 3) claims, and a magnetometer survey over the Halifax, Arlington, and Ennismore claims. Diamond drilling was done in several holes. Dalax Mines Ltd. held 35 claims during 1968 and 1969 and carried out geological mapping, induced potential and geochemical soil surveys, trenching, and diamond drilling in 7 holes totalling 2,142 feet.

Burnt Basin Mines Ltd. was incorporated December 1971 to acquire 21 claims and fractions, and 15 mineral leases. By an August 1972 agreement, an 80% interest in the property was optioned to Donna Mines Ltd. In October 1972 Donna Mines gave a working option on the property to Grey River Mining Company Limited. Work during the year included geo-

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

During 1948-49 a total of 28 tons of ore were shipped from this property. From this ore 273 ounces of silver, 8,634 pounds of lead, and 9,234 pounds of zinc were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1899, p. 760; 1900, p. 872; 1901, p. 1067; 1903, pp. 246, 247; 1904, p. 299; 1927, p. 226; 1928, p. 236; 1929, p. 255; 1930, p. 228; 1937, p. D-35; 1948, p. 128; 1949, p. 156; 1968, p. 236.

Mineral Policy Sector; Corporation Files: "Donna Mines Ltd."; "Paulson Mines Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 311; 1972, p. 33; 1973, p. 36; 1974, p. 32.

MAP REFERENCES

Map 6-1957, Kettle River, (Geol.), Sc. 1":4 miles.  
 #Map 82 E/1 E, Grand Forks, (Topo.), Sc. 1:50,000.

REMARKS

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

geical mapping and a magnetometer survey over 10 line-miles covering the Halifax and Eva Bell claims. Grey River Mining apparently gave up their option. During 1973-74 overburden stripping and some surface mining was carried out.

Alvija Mines Ltd., a company closely associated with Donna Mines, in 1974 optioned a 50% interest in Donna Mines 80% interest in the property. Work during 1976-77 included trenching and diamond drilling on the Halifax zone. The company name (Alvija) was changed in 1976 to Paulson Mines Ltd.

Comp./Rev. By	DMacR	DMacR					
Date	9-74	4-78					

BCI 82 E/SE - 99