

NAME 01 BIBLIO

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

SUBJECT

HELEN

82ESE010

SUB
FILE No. 01

PROPERTY FILE

001070

Multiple horizontal dashed lines for data entry.

MINERAL DEPOSIT INVENTORY

Map No. 82E/SE-10

Property No. _____

Metal Industrial Mineral Placer Coal Lapidary

Name: HELEN

Claim HELEN GROUP (see Remarks) Owner O. LOFSTAD et al.
Operator OWNER Year(s) 1934 -

Claim HELEN Owner HELEN MINING CO
Operator OWNER and Various other operators Year(s) 1905 -

Claim HELEN Owner ?
Operator Various Operators Year(s) 1894-1904

Location: N.T.S. 82E/2E Lat. _____ Long. _____ U.T.M. LE0377200
M.D. GREENWOOD In park _____ E. & N. El. LE5737500
Loc. plot. center of HELEN (L.691) Source _____ Prec. 1

Status: Producer Dev. Prospect Prospect Showing

Production: Tons _____ Grade: Au _____ Ag _____ Cu _____ Pb _____ Zn _____
Others _____ Year(s) _____
Reserves: Tons _____ Grade _____ Year _____
Tons _____ Grade _____ Year _____
Tons _____ Grade _____ Year _____

Development: Surface OPEN CUTS 1894; ; 2 TUNNELS '21
Underground 2 SHAFTS (12 ft, 6 ft) 1894; SHAFT (40 ft), DRIFT (29 ft), X-CUT (40 ft), INCLINED SHAFT (50 ft) '04;
Drilling _____; X-CUT & DRIFTING (400 ft), TUNNEL RAISING (276 ft), SHAFT EXTENDED TO (210 ft) '05;
Surveys: Geol. _____ Geophys. _____ Geochem. _____

References: M.M.A.R. 1894-756; 1902-181; 1903-167, 170; 1904-213; 1905-180, 183; 1906-250; 1920-350; 1921-184;
1922-174; 1925-179, 445; *1934-D6; 1940-24 Expl. Form _____
G.E.M. 197
As. Rpt.: L.C. _____ Prosp. _____ D.D. _____ Other _____
Geol. _____ Geophys. _____ Geochem. _____
Geol. and maps BCDM Bull 1 (1932) - 84

Summary description QUARTZ VEIN STRIKING WESTERLY AND DIPPING 60° SOUTHERLY, VARYING FROM A FRACTION OF AN INCH TO 24" WIDE, OCCURS ALONG A WELL DEFINED FISSURE IN HIGHLY METAMORPHOSED GREENSTONES AND QUARTZITES. MINERALIZATION CONSISTS OF PYRITE, GALENA, SPHALERITE AND POSSIBLY TETRAHEDRITE.

Attitude of deposit: Strike westerly Dip 62° Southerly Azimuth _____ Plunge _____
Size: Length _____ Width 1" to 24" Depth _____

Minerals QUARTZ, PYRITE, GALENA, SPHALERITE, TETRAHEDRITE (?)
Economic minerals GLEN, SPLR, TRDR (?)
Assays _____

Remarks HELEN (L.691) CG. to O. Lofstad in 1920.
In 1934 HELEN GROUP consisted of HELEN (L.691), CAPITAL PRIZE (L.914), MAPLE LEAF (L.1484) MAPLE LEAF FR. (L.2040), TIGER FR. and CLIFFORD FR.

Recorded by PG 3/71 Revised by _____ Lib. Res. Comp. _____

Product(s) Au, Ag, Pb, Zn, Cu(?)

Map No. 82E/SE-10

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