

Location/Identification

MINFILE Number:	092F 081	National Mineral Inventory Number:	092F2 Au2
Name(s):	<u>B AND K</u> BEATON, LAKEVIEW, SUMMIT LAKE		
Status:	Showing	Mining Division:	Victoria
		Electoral District:	Alberni-Qualicum
Regions:	British Columbia, Vancouver Island	Resource District:	South Island Forest District
BCGS Map:	092F018		
NTS Map:	092F02E	UTM Zone:	10 (NAD 83)
Latitude:	49 06 24 N	Northing:	5440523
Longitude:	124 35 05 W	Easting:	384339
Elevation:	1055 metres		
Location Accuracy:	Within 500M		
Comments:	Quartz veins located at the south end of Summit Lake (Property File - Sketch map C, 1940's).		

Mineral Occurrence

Commodities:	Gold, Silver, Copper, Lead		
Minerals	Significant:	Pyrite, Chalcopyrite, Galena, Sphalerite	
	Associated:	Quartz	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein, Shear	
	Classification:	Epigenetic, Hydrothermal	
	Type:	I06: Cu+/-Ag quartz veins	
	Shape:	Irregular	Modifier: Sheared

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Devonian	Sicker	Duck Lake	-----
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Tuff, Chert, Andesite		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Wrangell		

Inventory

Ore Zone:	DUMP	Year:	1999
Category:	Assay/analysis	Report On:	N

Sample Type: Grab

Commodity	Grade
Gold	57.0 grams per tonne
Copper	10.42 per cent
Lead	0.071 per cent

Comments: two grab sample of dump material

Reference: Assessment Report 26086

Ore Zone: VEINS

Year: 1965

Category: Assay/analysis

Report On: N

NI 43-101: N

Sample Type: Chip

Commodity	Grade
Silver	13.7000 grams per tonne
Gold	2.7000 grams per tonne
Copper	0.1500 per cent

Comments: 1.5 metre sample from veins north of lake.

Reference: Property File (Laanela, 1965).

Capsule Geology

The B and K showing is located 2 kilometres east of the Golden Eagle showing (092F 080), about 19 kilometres southeast of Port Alberni.

The area is underlain by volcanic and minor sedimentary rocks of the Devonian Duck Lake Formation (Sicker Group). A major vertical north trending fault cuts the rocks.

Several widely scattered narrow (up to 20 centimetres) quartz veins, with pyrite and minor sulphides, occur in shear zones within tuffs, cherts and andesite. A sample of one of these veins at the south end of Summit Lake assayed 87.8 grams per tonne gold (Minister of Mines Annual Report, 1944).

To the north of the lake one hundred metres, quartz stringers with chalcopyrite, pyrite, sphalerite and galena occur. A 1.5 metre sample from a vein in a trench assayed 2.7 grams per tonne gold, 13.7 grams per tonne silver and 0.15 per cent copper (Laanela, 1965).

From 1999 through 2002, Mandalay Resources completed programs of prospecting and rock and soil geochemical surveys on the King claims. In 1999, two grab sample of dump material, from the area, assayed up to 57,000 parts per billion gold, 10,415 parts per million copper and 705 parts per million lead (Assessment Report 26086).

In 2004 and 2005, prospecting and minor trenching was completed by B. Hanslit on the Waterhen property.

Bibliography

EMPR AR *1944-151-153
 EMPR ASS RPT 9126, 10902, 12538, 12696, 13668, 13670, 14483, 14880,
 14928, 15288, *26086, 26392, 26721, 27089, 27372, 27691
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 EMPR FIELDWORK 1988 pp. 61-74
 EMPR OF 1987-2; 1988-24; *1989-6
 EMPR PF (Sketch Map of Showings (approx. 1940's); Starr, C.C. (1941):
 Report of Examination of the Beaton and Keisig-Cameron Groups,
 6 p.; Beaton Group - Detail of Workings near Lake (1"=50'), 1945;
 *Report by H. Laanela, 1965, Gunnex Limited)
 GSC MAP 17-1968; 17A; 49-1963
 GSC OF 463, 1272
 GSC P 68-50, p. 38; 79-30
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EMPR PFD 7039, 7040, 7041, 7042, 7043, 7044, 7045, 826983, 826984, 826982, 826992

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	2013/05/27	Revised By:	Karl A. Flower (KAF)	Field Check:	N