

### Location/Identification

<b>MINFILE Number:</b>	092F 172	<b>National Mineral Inventory Number:</b>	092F2 As1
<b>Name(s):</b>	<u><b>GRIZZLY</b></u>		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Alberni
<b>Mining Method</b>	Underground	<b>Electoral District:</b>	Alberni-Qualicum
<b>Regions:</b>	British Columbia, Vancouver Island	<b>Resource District:</b>	South Island Forest District
<b>BCGS Map:</b>	092F017		
<b>NTS Map:</b>	092F02E	<b>UTM Zone:</b>	10 (NAD 83)
<b>Latitude:</b>	49 09 34 N	<b>Northing:</b>	5446586
<b>Longitude:</b>	124 42 30 W	<b>Easting:</b>	375450
<b>Elevation:</b>	520 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Map (Assessment Report 15368); small (mineral specimens) producer.		

### Mineral Occurrence

<b>Commodities:</b>	Arsenic, Silver, Gold		
<b>Minerals</b>	<b>Significant:</b>	Arsenic, Arsenopyrite, Pyrite	
	<b>Associated:</b>	Calcite, Quartz	
	<b>Mineralization Age:</b>	Unknown	
<b>Deposit</b>	<b>Character:</b>	Vein, Disseminated	
	<b>Classification:</b>	Epigenetic, Industrial Min.	
	<b>Shape:</b>	Tabular	
	<b>Dimension:</b>	9x5x1 metres	<b>Strike/Dip:</b> 075/90

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Upper Cretaceous	Nanaimo	Haslam	-----
Tertiary	-----	-----	Mount Washington Intrus. Suite
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
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<b>Lithology:</b>	Argillite, Shale, Granitic Porphyry		
<b>Comments:</b>	Tertiary intrusions were formerly known as Catface Intrusions.		

### Geological Setting

<b>Tectonic Belt:</b>	Insular	<b>Physiographic Area:</b>	Vancouver Island Ranges
<b>Terrane:</b>	Wrangell		

### Inventory

<b>Ore Zone:</b>	VEIN	<b>Year:</b>	1924
<b>Category:</b>	Assay/analysis	<b>Report On:</b>	N

Sample Type: Chip

Commodity	Grade
Arsenic	5.9700 per cent
Gold	0.3400 grams per tonne

Comments: A 0.6 metre wide sample.

Reference: Minister of Mines Annual Report 1924, page 221.

### Capsule Geology

The Grizzly showing is located about 3 kilometres east of the Alberni Inlet and 7 kilometres southeast of Port Alberni.

The area is underlain by Haslam Formation sediments of the Cretaceous Nanaimo Group which are intruded by granite porphyry of the Tertiary Mount Washington Intrusive Suite (formerly known as the Catface Intrusions) (Personal Communication - N. Massey, May 1990).

A vein of calcite, striking 75 degrees and dipping vertically, and quartz stringers occur in 60 degree striking, vertically dipping argillites and shales. These are mineralized with disseminations and stringers of arsenopyrite, pyrite and nodules of native arsenic. The vein, which is 30 to 60 centimetres wide, 4.6 metres deep and about 9 metres long, follows a fracture zone 1.2 to 1.5 metres wide. A 30 centimetre sample across the vein assayed 10.6 per cent arsenic and 6.9 grams per tonne silver (Minister of Mines Annual Report 1924). A 60 centimetre sample over the main vein assayed 5.97 per cent arsenic and 0.34 grams per tonne gold (Laanela, 1965).

High-grade ore and arsenic specimens are reported to have been removed from the site.

### Bibliography

EMPR AR \*1924-221; 1926-298; \*1927-340  
 EMPR ASS RPT 12538, 12696, 14880, 15016, 15368  
 EMPR BULL 37  
 EMPR EXPL 1986-157-158  
 EMPR FIELDWORK 1988 pp. 61-74  
 EMPR OF 1987-2; 1988-24; \*1989-6  
 EMPR PF (092F General File - Laanela, H. (1965): Report, Gunnex Limited, Occurrence #9)  
 GSC MAP 17-1968; 49-1963  
 GSC OF 1272; 463  
 GSC P 68-50, p. 36,38,42; 79-30  
 CIM BULL Vol. 83 No. 935, March 1990 pp. 125-135  
 PERS COMM (N. Massey, May 1990)

EMPR PFD 672836

<b>Date Coded:</b>	1985/07/24	<b>Coded By:</b>	BC Geological Survey (BCGS)	<b>Field Check:</b>	N
<b>Date Revised:</b>	2007/05/23	<b>Revised By:</b>	Sarah Meredith-Jones (SMJ)	<b>Field Check:</b>	N