



Location/Identification

MINFILE Number: 092F 217

Name(s): RODEO
ANDY, ARLAND'S, GOLDEN SLIPPER, GOLDEN RULE

Status: Showing

Regions: British Columbia, Vancouver Island

BCGS Map: 092F007

NTS Map: 092F02E

Latitude: 49 00 39 N

Longitude: 124 38 55 W

Elevation: 610 metres

Location Accuracy: Within 500M

Comments: Sample location on Andy claim, Assessment Report 14930.

Mining Division: Alberni

Electoral District: Alberni-Qualicum

Resource District: South Island Forest District

UTM Zone: 10 (NAD 83)

Northing: 5429969

Easting: 379445

Mineral Occurrence

Commodities: Copper, Gold, Silver, Molybdenum, Zinc

Minerals

Significant: Chalcopyrite, Molybdenite, Pyrrhotite, Pyrite, Sphalerite, Bornite, Covellite

Associated: Quartz, Carbonate, Graphite

Alteration: Pyrite

Mineralization Age: Unknown

Deposit

Character: Vein, Stockwork, Disseminated

Classification: Hydrothermal, Epigenetic

Type: I06: Cu+/-Ag quartz veins

Shape: Irregular **Modifier:** Faulted

Dimension: 25x0x0 metres

Comments: A vein on the Rodeo claim is exposed for 25 metres and is 0.15 metres wide.

Host Rock

Dominant Host Rock: Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Lower Jurassic	Bonanza	Undefined Formation	-----
Upper Triassic	Vancouver	Karmutsen	-----
Jurassic	-----	-----	Island Plutonic Suite

Isotopic Age	Dating Method	Material Dated
-----	-----	-----
-----	-----	-----
-----	-----	-

Lithology: Diorite, Quartz Diorite, Granodiorite, Basalt, Andesite, Volcanic

Comments: Corrigan Creek Pluton.

Geological Setting

Tectonic Belt: Insular

Terrane: Plutonic Rocks, Wrangell

Metamorphic Type: Regional

Physiographic Area: Vancouver Island Ranges

Grade: Greenschist
Comments: Located in the Cowichan Uplift.

Inventory

Ore Zone: VEIN
Category: Assay/analysis
Year: 1988
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	5.5000 grams per tonne
Gold	1.1000 grams per tonne
Copper	0.0259 per cent
Zinc	0.2293 per cent

Comments: From quartz vein, Sample #35210.

Reference: Assessment Report 17419.

Ore Zone: SAMPLE
Category: Assay/analysis
Year: 1986
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	41.1000 grams per tonne
Gold	1.7000 grams per tonne
Copper	4.1000 per cent
Molybdenum	0.0866 per cent
Zinc	0.1230 per cent

Comments:

Reference: Assessment Report 14930.

Capsule Geology

The Rodeo occurrence is located at the headwaters of Corrigan Creek, approximately 3.3 kilometres southeast of the former producing WWW mine (MINFILE 092F 141).

Mafic volcanics of the Upper Triassic Karmutsen Formation and basalt of the Lower Jurassic Bonanza Group are intruded by diorite to quartz diorite (Corrigan Creek Pluton) of the Jurassic Island Plutonic Suite. The Karmutsen volcanics are primarily basalts which exhibit lower greenschist metamorphism and are cut by feldspar porphyry dikes.

Mineralization occurs as fine-grained disseminations hosted in the intrusives and in vuggy quartz and quartz-carbonate veins. Mineralization consists of pyrite, chalcopyrite, pyrrhotite, sphalerite, molybdenite, bornite and covellite.

Prospecting and underground work on the Golden Slipper and Golden Rule claims were carried out in 1899 and 1900. From 2007 to 2009, Auracle Geospatial Science Inc. completed a program of spectral analysis and sample analysis

A sample of quartz diorite adjacent to a vein on the Andy claim assayed 4.10 per cent copper, 41.1 grams per tonne silver, 1.7 grams per tonne gold, 0.123 per cent zinc and 0.0866 per cent molybdenum. In this sample the pyrite replaces hornblende (Assessment Report 14930). An old adit occurs to the south of these showings. A typical grab sample from a quartz vein on the Rodeo claim assayed 1.1 grams per tonne gold, 5.5 grams per tonne silver, 0.026 per cent copper and 0.224 per cent zinc (Assessment Report 17419).

Bibliography

EMPR AR 1895-654; 1899-785; 1900-920; 1966-76-77; 1967-76-77; 1968-104
EMPR ASS RPT 12696, 13668,*13671, 13723, 14202, 14928,*14930, 16083, *17419, 30069
EMPR BULL 37

EMPR EXPL 1985-132, 1986-159; 2002-29-40
EMPR FIELDWORK 1988, pp. 61-74
EMPR GEM 1969-220; 1970-289
EMPR OF 1987-2; 1988-24; *1989-6
EMPR PF (092F General File - Laanela, H., (1966): Report, Gunnex Ltd., Occurrence #47)
GSC MAP 17-1968; 49-1963
GSC OF 463; 1272
GSC P 68-50; 79-30
CIM BULL Vol. 83 No. 935, March 1990 pp. 125-135
EMPR PFD 672883, 672898

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	2012/09/26	Revised By:	Karl A. Flower (KAF)	Field Check:	N