

Location/Identification

MINFILE Number:	093E 027	National Mineral Inventory Number:	093E6 Ag1
Name(s):	<u>RAINY</u> CALIFORNIA ADIT, ZINC BAY, GOLD COIN, GRIZZLY		
Status:	Showing	Mining Division:	Omineca, Skeena
Regions:		Electoral District:	Nechako Lakes
BCGS Map:	093E035	Resource District:	Nadina Natural Resource District
NTS Map:	093E06E	UTM Zone:	09 (NAD 83)
Latitude:	53 23 35 N	Northings:	5917739
Longitude:	127 04 22 W	Easting:	628150
Elevation:	1944 metres		
Location Accuracy:	Within 100M		
Comments:	Guardsmen Resources Inc relocated the Rainy adit in 2012 and provided an updated location (Page 5, Assessment Report 34099).		

Mineral Occurrence

Commodities: Silver, Gold, Lead, Zinc

Minerals	Significant:	Galena, Sphalerite, Arsenopyrite, Pyrite
	Associated:	Quartz
	Mineralization Age:	Unknown

Deposit	Character:	Vein
	Classification:	Epigenetic, Hydrothermal
	Type:	I05: Polymetallic veins Ag-Pb-Zn+/-Au
	Strike/Dip:	160/70S
	Comments:	One of two shear zones.

Host Rock

Dominant Host Rock: Sedimentary

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Middle Jurassic	Hazelton	Undefined Formation	-----
Middle Jurassic	Bowser Lake	Ashman	-----

Isotopic Age	Dating Method	Material Dated
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Lithology: Tuff, Siltstone, Argillite

Geological Setting

Tectonic Belt:	Intermontane	Physiographic Area:	Tahtsa Range
Terrane:	Stikine		

Inventory

Ore Zone:	VEIN	Year:	1959
Category:	Assay/analysis	Report On:	N
		NI 43-101:	N

Sample Type: Grab

Commodity	Grade
Silver	4082.0600 grams per tonne
Gold	0.3400 grams per tonne
Lead	12.0000 per cent
Zinc	3.0000 per cent

Comments: Selected sample of sorted vein material. Copper value is 0.5 per cent.

Reference: Geological Survey of Canada Memoir 299, page 92.

Capsule Geology

The Rainy occurrence is located on a south west slope of Chikamin Mountain, approximately 5 kilometres south-southeast of Zinc Bay on the Nechako Reservoir.

The area is underlain by Mt. Ney volcanic rocks of the Lower Cretaceous Skeena Group and undivided sedimentary rocks of the Middle Jurassic Smithers Formation (Hazelton Group). These have been intruded by intrusive rocks of the Eocene Coast Plutonic Complex(?) to the northeast.

Mineralization is associated with two shear zones in fine and coarse tuffs. An 8.0 metre long adit known as the California adit, along with several open-cuts, expose the main zone for a strike length of 15.0 metres. This main zone has an attitude of 160/70 degrees southwest and carries two quartz stringers with widths of 2.5 centimetres and 15 centimetres. Mineralization consists of pyrite, galena, sphalerite and arsenopyrite. Another shear zone at 040 degrees/ 90 degrees contains galena and arsenopyrite mineralization.

In 2006, Christopher James Gold, on the behalf of Guardsmen Resources, prospected the area as the Zinc Bay property. In 2011, Jet Gold, on behalf of Guardsmen Resources, completed a program of rock sampling and airborne magnetic and electromagnetic surveys, totalling 476 kilometres on the area. The Rainy occurrence area was covered by this survey.

Guardsmen resources relocated the Rainy adit in 2012. The narrow adit was reported to have completely caved in and covered by sloughing talus and scree of rusty weathering siltstone and argillite mapped as Middle Jurassic Ashman Formation (Bowser Lake Group). No vein outcrop was observed. The main excavation appeared to have followed a north-northwest trend. Representative samples of polymetallic vein mineralization were collected from the small dump below the caved adit. Samples consisted of banded, coarse-grained galena-sphalerite-pyrite-arsenopyrite plus/minus chalcopyrite in a gangue of coarse-grained subhedral to euhedral comb quartz. One grab sample (#1451) of a 13 centimetres wide vein graded 7.90 grams per tonne gold, 1078 grams per tonne silver, less than 1 per cent arsenic, less than 1 per cent lead, less than 1 per cent zinc and 0.048 per cent copper (Assessment Report 34099).

Refer to Nickel Plate (093E 027) for details of a common area work history.

Bibliography

EMPR AR 1926-A147; *1945-A69

EMPR ASS RPT *20146, 21729, 22432, 22990, 26286, 28899, *33439, *34099

EMPR FIELDWORK 1987, pp. 155-168

EMPR OF 1988-2; 1994-14

GSC EC GEOL #4

GSC MAP 1064A

GSC MEM *299, p. 92

GSC OF 708

GSC P 72-1A; 79-1A

GSC SUM RPT 1920, part A; 1924, part A; 1925, part A, pp. 144-154

Placer Dome File

Lane, B. (2012-02-10): NI 43-101 Technical Report on the Silver Bay Property

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 2020/05/19

Revised By: Karl A. Flower (KAF)

Field Check: N