

Location/Identification

MINFILE Number:	092GSE008		
Name(s):	<u>STANDARD</u> LINDA, BB		
Status:	Prospect	Mining Division:	New Westminster
		Electoral District:	Coquitlam-Burke Mountain
Regions:	British Columbia	Resource District:	Chilliwack Natural Resource District
BCGS Map:	092G048		
NTS Map:	092G07E	UTM Zone:	10 (NAD 83)
Latitude:	49 24 20 N	Northing:	5472623
Longitude:	122 35 11 W	Easting:	530006
Elevation:	180 metres		
Location Accuracy:	Within 500M		
Comments:	Main showing on the west shore of Pitt Lake, about 24 kilometres north of the Pitt River bridge (Assessment Report 8873, Figure 2).		

Mineral Occurrence

Commodities:	Gold, Silver, Copper, Lead, Zinc		
Minerals	Significant:	Pyrite, Galena, Chalcopyrite	
	Associated:	Quartz	
	Alteration Type:	Silicific'n	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein	
	Classification:	Hydrothermal, Epigenetic	
	Type:	I05: Polymetallic veins Ag-Pb-Zn+/-Au	
	Dimension:	76x0x0 metres	
	Comments:	The veins, 0.05 to 0.30 metres wide, are traceable for 76 metres.	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Mesozoic-Cenozoic	-----	-----	Coast Plutonic Complex
Isotopic Age	Dating Method	Material Dated	
-----	-----	-	
Lithology:	Hornblende Diorite, Amphibolite Dike		
Comments:	The Coast Plutonic Complex is Jurassic to Tertiary in age.		

Geological Setting

Tectonic Belt:	Coast Crystalline	Physiographic Area:	Fiord Ranges (Southern)
Terrane:	Plutonic Rocks		
Metamorphic Type:	Regional		
Grade:	Greenschist		

Inventory

Ore Zone: SHAFT
Category: Assay/analysis

Year: 1987
Report On: N
NI 43-101: N

Sample Type: Chip

Commodity	Grade
Silver	139.9 grams per tonne
Gold	15.9 grams per tonne

Comments: selected sampling over 1.8 metres from the shaft

Reference: Property File - Desmond Currie [1987-12-07]: News Release - Exol Industries Inc. - Pitt Lake property

Ore Zone: MAIN
Category: Assay/analysis

Year: 1980
Report On: N
NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	285.2500 grams per tonne
Gold	45.4000 grams per tonne
Copper	0.4100 per cent

Comments: A selected sample from main showing.

Reference: Assessment Report 8873.

Ore Zone: VEIN
Category: Assay/analysis

Year: 1947
Report On: N
NI 43-101: N

Sample Type: Rock

Commodity	Grade
Silver	226.8 grams per tonne
Gold	51.0 grams per tonne

Comments:

Reference: Minister of Mines Annual Report 1947, page 179

Capsule Geology

The Standard workings occur from 120 to 180 metres elevation on the west side of Pitt Lake, about 24 kilometres north of the Pitt River bridge.

The area is underlain by dioritic intrusive rocks of the Jurassic to Tertiary Coast Plutonic Complex.

Locally, several narrow, parallel quartz-filled fractures were continuously traceable (as of the 1947 work program) for 76 metres in several open cuts, a short crosscut and drift and a shallow shaft. A parallel vein, 9 metres east, is traceable for 24 metres on surface. Mineralization occurs in a hornblende diorite. Joints are filled by narrow quartz veins or highly sheared amphibolite dikes. The quartz is mineralized with abundant pyrite and minor associated chalcopyrite and galena. The veins range from 5 to 30 centimetres in width.

In 1947, samples of the mineralized quartz veins assayed 4.8 to 51.0 grams per tonne gold and 28.3 to 226.8 grams per tonne silver (Minister of Mines Annual Report 1947, page 179).

Sampling between 1942 and 1979, is reported to have yielded from 5.8 to 129.6 grams per tonne gold and 34.2 to 667 grams per tonne silver (Property File - Exol Industries Inc. [1987-05-21]: No. 97 (1987) - Pitt Lake, Rob 15 and 16, Alpine).

In 1979, a 3.0 metre sample from the lake side of the shaft yielded 12.6 grams per tonne gold, 104 grams per tonne silver, 0.53 per cent lead and 0.78 per cent copper (Property File - Exol Industries Inc. [1987-05-21]: No. 97 (1987) - Pitt Lake, Rob 15 and 16, Alpine).

In 1980, a select sample from the main showing assayed 0.41 per cent copper, 285.25 grams per tonne silver and 45.40 grams per tonne gold (Assessment Report 8873).

In 1987, selected sampling from the shaft over 1.8 metres yielded 15.9 grams per tonne gold and 139.9 grams per tonne silver, with individual samples (no.4) from a "high-grade zone" yielding up to 236.5 grams per tonne gold and 1507 grams per tonne silver (Property File - Desmond Currie [1987-12-07]: News Release - Exol Industries Inc. - Pitt Lake property). Other samples (no. 11 and 13), taken from the north open-cut and south drift of the adit, yielded 89.3 and 87.9 grams per tonne gold, 732.5 and 638.5 grams per tonne silver, 0.84 and 0.37 per cent zinc, and 4.50 and 0.15 per cent lead with 0.41 and 1.97 per cent copper, respectively (Property File - Desmon Currie [1987-06-08]: News Release - Exol Industries Inc. - Pitt Lake Gold Property)

The Standard group of claims were staked in 1934 by E.C. Richardson and associates. The claim group was still held by Richardson and associates in 1947, when some work was done to extend a shaft and adit that were part of the workings that existed at 120 to 180 metres elevation. In 1950, owners E.C. Richardson and W.A Thompson drove an adit 62 metres west to explore the downward extension of two narrow veins. In 1980, Rodeo Resources conducted work on claims covering the Standard workings and a larger surrounding area. In 1980, the owners were B. Lang, E.C. Richardson and B. Langston. Work consisted of five trenches on the "main showing" area of the Linda claim, 135 soil samples and 13 silt samples. In 1987, Exol Industries examined and sampled the property.

Bibliography

EMPR AR *1947-179; *1950-167

EMPR ASS RPT *8873

EMPR EXPL *1980-178

EMPR PF (*Exol Industries Inc. [1987-05-21]: No. 97 (1987) - Pitt Lake, Rob 15 and 16, Alpine; *Desmon Currie [1987-06-08]: News Release - Exol Industries Inc. - Pitt Lake Gold Property; *Desmond Currie [1987-12-07]: News Release - Exol Industries Inc. - Pitt Lake property)

GSC MAP 8-1956; 1151A; 1153A; 1386A

GSC MEM 335

GSC P 90-1F, pp. 95-107

GCNL #47, 1987

Armstrong, J.E. (1990): Vancouver Geology, Geological Association of Canada (Cordilleran Section)

Ditson, G.M. (1978): Metallogeny of the Vancouver-Hope Area, British Columbia, M.Sc. Thesis, University of British Columbia

EMPR PFD 902437

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	2019/02/01	Revised By:	Karl A. Flower (KAF)	Field Check:	N