



MINFILE Detail Report
BC Geological Survey
Ministry of Energy, Mines and Petroleum Resources

Location/Identification

MINFILE Number:	103H 018	National Mineral Inventory Number:	103H14 Cu1
Name(s):	DRUM LUMMON CALEDONIA, PAISLEY POINT, LOS ANGELES-VANCOUVER, DRUMLUMMON		
Status:	Past Producer	Mining Division:	Skeena
Mining Method	Underground	Electoral District:	Skeena
Regions:	British Columbia	Resource District:	Kalum Forest District
BCGS Map:	103H075		
NTS Map:	103H14E	UTM Zone:	09 (NAD 83)
Latitude:	53 46 49 N	Northing:	5959076
Longitude:	129 01 36 W	Easting:	498243
Elevation:	150 metres		
Location Accuracy:	Within 500M		
Comments:	Adits and showings.		

Mineral Occurrence

Commodities:	Copper, Silver, Gold		
Minerals	Significant:	Chalcocite, Bornite, Covellite, Chalcopyrite, Gold, Silver	
	Associated:	Quartz, Orthoclase, Microcline, Biotite, Magnetite, Hematite	
	Alteration:	Clay, Epidote, Hematite, Silica	
	Alteration Type:	Sericitic, Silicific'n	
	Mineralization Age:	Unknown	
Deposit	Character:	Podiform	
	Classification:	Pegmatite, Epigenetic	
	Shape:	Irregular	
	Dimension:	100x30x15 metres	
	Comments:	Pegmatite mass.	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Paleozoic-Mesozoic	-----	-----	Coast Plutonic Complex
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Quartz Diorite, Pegmatite		
Comments:	The Coast Plutonic Complex includes same Tertiary intrusions.		

Geological Setting

Tectonic Belt:	Coast Crystalline	Physiographic Area:	Fiord Ranges (Northern)
Terrane:	Plutonic Rocks		

Inventory

Summary Production

		Metric	Imperial
	Mined:	938 tonnes	1,033 tons
	Milled:	907 tonnes	999 tons
Recovery	Silver	49,018 grams	1,576 ounces
	Gold	1,773 grams	57 ounces
	Copper	33,423 kilograms	73,685 pounds

Capsule Geology

Irregular shaped pegmatite masses of feldspar and quartz occur in quartz diorite of the Coast Plutonic Complex. Erratically distributed and irregular shaped pods of chalcocite, bornite and covellite with minor chalcopyrite, gold and silver occur mainly with the feldspar near the margins of the pegmatite and locally within the country rock. A large pegmatite mass, measuring at least 100 by 30 by 15 metres, which has been explored by underground workings contains lenses of bornite and chalcocite up to 1.2 metres wide. A 4.5 tonne sample assayed 50.6 per cent copper, 606.9 grams per tonne silver and 57.3 grams per tonne gold (Minister of Mines, Annual Report 1921).

Recorded production for 1918 to 1926 totals 1,773 grams of gold, 49,018 grams of silver and 33,423 kilograms of copper. This showing was not examined in the field.

Bibliography

EMPR AR 1908-58; 1909-56-57; 1916-50,436; 1917-37,42-43; 1918-35, 46; 1919-41-42; 1920-35,39,260; 1921-41; 1922-45-46; 1923-46,300; 1924-46; 1925-67; 1926-64,71; 1928-70; *1929-70-71; *1930-66-67;
 EMPR ASS RPT 15885
 EMPR EXPL 1979-252; 1987-C357
 EMPR INDEX 3-194
 EMPR OF 2002-03
 EMR MP CORPFILE (Drum Lummon Mines Limited; Douglas Channel Mines, Limited; Los Angelas-Vancouver Mines, Ltd.)
 EMR MRD Metals Committee File: 167-C3-2-41
 GSC MAP 23-1970, 278A, 1868A
 GSC P *70-41, p. 53
 GSC SUM RPT *1921A, pp. 26,29,35-38

EMPR PFD 752718

Date Coded:	1986/08/15	Coded By:	Larry Jones (LDJ)	Field Check:	N
Date Revised:	2014/12/04	Revised By:	Laura deGroot (LDG)	Field Check:	N