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Columario Consolidated
Gold Mines, Limited.

This company, which
operated a property

in the vicinity of Usk, has been inactive for several years. Reference to the property is contained in the Annual Reports of the Minister of Mines for the years 1927 to 1936.

The mineral deposit consists of narrow quartz veins mineralized with pyrite and chalcopyrite in pockets or small lenses, carrying gold values. The locality is underlain by andesitic volcanics close to a spur of granodiorite from the Coast Range batholith. The volcanics are locally hybridized and partially digested in the granodiorite. On approaching the intrusive contact both horizontally and vertically, the veins and mineralization diminish and do not penetrate the granodiorite.

During 1939, the property was leased by W.W. Duncan and associates of Usk, with the objective of selectively mining shipping-grade ore from certain sections of the old workings.

The property was examined for the purpose of determining this possibility and directing attention to the most favourable sections.

The following samples were taken:

- 1) Dump of quartz and fines impounded from sluicing at portal of No. 4 adit: Gold, 0.38 oz. per ton; silver, 1.2 oz. per ton; copper, 0.7 per cent.
- 2) 5 sacks of screened and washed material from location of 1): Gold, 0.32 oz. per ton; silver, 0.9 oz. per ton; copper, 0.6 per cent.
- 3) 3/4 sack of screened and washed material at locality of 2): Gold, 0.66 oz. per ton; silver, 1.90 oz. per ton; copper, 0.30 per cent.
- 4) 7 sacks of sorted and cobbled ore from pocket at portal of No. 4 adit: Gold, 6.58 oz. per ton; silver, 17.8 oz. per ton; copper, nil.
- 5) No. 4 adit vein, 3rd level, 432 stope; sample of possible cobbled grade from lens 8 feet long and 14 inches wide: Gold, 1.64 oz. per ton; silver, 8.00 oz. per ton; copper, 8.50 per cent; silica, 33.4 per cent; sulphur, 21.1 per cent.
- 6) No. 6 vein, No. 1 raise, sample of average width of 12 inches on hanging-wall side: Gold, 0.76 oz. per ton; silver, 1.80 oz. per ton; copper, 1.10 per cent; silica, 47.30 per cent; sulphur, 12.1 per cent.

- 7) No. 6 vein, No. 2 level, 35 feet from portal, oxidized material in roof above floor stope: Gold, 5.90 oz. per ton; silver, 15.70 oz. per ton; copper, trace; silica, 66.4 per cent; sulphur, 6.5 per cent.
- 8) Sample of 7 sacks cobbled ore, No. 6 vein, No. 2 level: Gold, 0.86 oz. per ton; silver, 2.30 oz. per ton; copper, 1.0 per cent; silica, 65.8 per cent; sulphur, 9.70 per cent.
- 9) Screened fines from cobbing at portal No. 2 level, No. 6 vein: Gold, 0.72 oz. per ton; silver, 2.10 oz. per ton; copper, 0.90 per cent; silica, 54.60 per cent; sulphur, 14.0 per cent.
- 10) No. 7 vein, washed and screened material: Gold, 1.04 oz. per ton; silver, 2.8 oz. per ton; silica, 53.1 per cent.
- 11) No. 7 vein, tailing from washing and screenings: Gold, 0.16 oz. per ton; silver, 0.4 oz. per ton; silica, 81.8 per cent.
- 12) No. 7 vein, oxidized material in roof of drift, 40 feet from portal: Gold, 1.26 oz. per ton; silver, 1.7 oz. per ton; silica, 46.6 per cent.

13) No. 7 vein, oxidized material in roof of drift, 60 feet from portal: Gold, 1.52 oz. per ton; silver, 7.9 oz. per ton; silica, 58.0 per cent.

14) No. 4 vein, 10 feet above portal of adit, selected pyrite and iron oxide: Gold, 0.52 oz. per ton; silver, 2.0 oz. per ton.

During the year, the following shipments were made from this property to the Government Sampling Plant at Prince Rupert:

Dry tons	Gold oz. per ton	Silver oz. per ton	Copper %	Sulphur %	Silica %
0.0080 (test)	0.51	0.50	<u>nil</u>	16.5	64.2
0.0140	" 0.90	1.18			
0.0065	" 2.37	6.59			
0.0020	" 1.74	6.40			
0.0035	" 2.07	6.70			
0.0077	" 0.57	1.57			
0.0030	" 0.29	1.47			
0.0040	" 0.76	4.72	10.29		
0.0590	" 3.68	8.30	1.80	24.5	46.0
0.0635	" 1.69	4.10	<u>nil</u>	18.6	41.0
1.3965	1.98	2.90	1.45	14.0	61.2
2.4970	2.00	6.00	1.80	10.3	66.5
1.9707	1.205	3.20	0.30	13.6	54.4