

882091

1917  
1920  
1929  
GSC 1924 #

Cronin Mine

- ✓ 1950 - rd. constr.
- 1949 - detailed report. - p A 94
- 1948 - Cronin Babine Mines Ltd. formed. - 2 diamond drills - 1 surf. - loader.

1930 - small-scale operations by Babine Bonanza Metals, Ltd.

In ~~No.~~ No. 2 tunnel (No. 2 vein) a raise was started at a point about 100 ft. south of the main tunnel. The distance raised was 40 ft. Good ore was continuous + a width of 38 inches shows in the back of the raise.

Tunnel C (No. 2 vein) was cont'd SW for 45 ft, striking a width of 16 inches of clean ore.

Tunnel B was cont'd about 160 ft. + showed ore all the way about  $\frac{1}{2}$  way up the face. Width of 20 inches.

Junction of Nos. 1 and 2 veins appears to take place near the face of tunnel No. 1.

→ Diagram. p. A 142

1929 - Babine Bonanza Metals, Ltd. incorporated on May 15, 1929 under Dominion charter, for purpose of acquiring, among other things, the control of the Babine Bonanza Mining + Milling Co., Ltd. which owns Cronin.

- Hand mining
- New strikes on vein No. 2. Tunnel C advanced 72 ft. in continuous ore, connecting with tunnel No. 1. The vein-width in this area approaches 7 ft. + width of ore is ~ 5 ft.
- Assay: Au - 0.08 g; Ag - 32 g; Pb - 22%; Zn - 18%.
- Tunnel B advanced 60 ft. on No. 2 vein, of which first 30 ft. showed continuous ore between  $4\frac{1}{2}$  + 5 ft. in width.
- Vein appeared to be interrupted by a rhyolitic intrusion where the ore pinched out, + for the remaining distance driven the tunnel swings to the north.
- shipments of hand-sorted ore to Trail.
- assistance by BCDM in rd. building to Telkwa.

1928 - repair of sleigh rd. from Telkwa.  
property last operated in 1923

1924 - no work but examined by 2 engineers for possible purchaser.

1923 - under supervision of James Cronin - a crew of 10 to 12 me.



working during summer.

Most of work done lower (No. 2) tunnel. Little work on "A" tunnel where there is a big showing.

1921 - Steady devel, again carried out. - gang of 10 men all summer. Upper workings consist of a no. of shafts + tunnels down to 150 to 200 feet. Lower X-cut tunnel, No. 2 made 225 ft. below No. 1.

- 6 to 8" clean Pbs.

1920 - Babine-Bonanza Mining + Milling Co.

- steady devel.

Tunnel in about 1000 ft. - encountered ore 6 to 12 ft.

Map - N 88 - Tunnel No. 1 was first driven as a drift-tunnel developing a 4-ft. gtz. vein. Later the contact ore-body was partially developed by tunnels A + B. X-cuts were then run from tunnel no. 1 to explore contact body, + finally tunnel C, which is on the same level as No. 1 was driven.

1919 - consid. work done.

1918 - short work time.

1917 - detailed descrip.

1916 - Devel. - machinery shipped in.

1915 - Devel.

1914 - Devel.

1909 - "Dibble" gp. - acquired under bond by Babine-Bonanza - consid. devel. work. - 9 men. summer + 6 winter;

STAT II. 'EARLY' HISTORY OF DEVELOPMENT OF THE CRONIN MINE 1909 - 1950

Total Production to 1970 - 23,580 tons [1917-1971]

Au - 329 g; Ag - 24,2021 g; Cu - 17,840 lb; Pb - 2,779,842 lb  
Zn - 3,045,388 lb; Cd - 36,675 lb.

~~Reserves: 89,600,000 tons av. 0.44% Cu [1971]~~

1948 - 1952 Cronin Babine Mines Ltd.

1956 - 1959 } New Cronin Babine Mines Ltd.

1963 - 1973 }

1973 Hallmark Resources Ltd.

Total Production to Dec. '73 = 24,580 tons

Au - 339 g; Ag - 250,866 g; Cu - 20,977 lb; Pb - 2,869,921 lbs,  
Zn - 3,150,422 lbs; Cd - 37,903 lbs.

Devel. = extensive underground

5 ddh = 1290' (1948); 11 ddh = 1355' at 5000' level (1948); 4 ddh = 1007' (1963)