

'EARLY' HISTORY OF DEVELOPMENT OF THE CRONIN MINE 1909 - 1950

- 1909 - "Dibble" gp. - acquired under bond by Babine - Bonanza
- consid. devel. work - 9 men summer and 6 winter.
- 1914 - Devel.
- 1915 - Devel.
- 1916 - Devel. - machinery shipped in.
- 1917 - Detailed Descrip.
- 1918 - Short work time.
- 1919 - Consid. work done.
- 1920 - Babine - Bonanza Mining and Milling Co.
- Steday devel.
Tunnel in about 1000 ft. - encountered ore 6 to 12 ft.
Map - N88 - Tunnel No. 1 was first driven as a drift-tunnel
developing a 4-ft. qtz. vein. Later the contact ore-body was
partially developed by tunnels A and B. X-cuts were then run
from tunnel No. 1 to explore contact body, and finally tunnel
C, which is on the same level as No. 1 was driven.
- 1921 - Steady devel. again carried out. - gang of 10 men all summer.
Upper workings consist of a No. of shafts and tunnels down to
150 to 200 feet. Lower X-cut tunnel, No. 2 made 225 ft. below No. 1.
- 6 to 8" clean PbS.
- 1923 - Under supervision of James Cronin - a crew of 10 to 12 men.
- 1924 - No work but examined by 2 engineers for possible purchasers.
- 1928 - Repair of sleigh rd from Telkwa, property last operated in 1923

PROPERTY FILE

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- 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 and Milling
- 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. and width of ore is ~5 ft.
Assay: Au - 0.08 oz.; Ag - 32 oz.; Pb - 22%; Zn - 18%.
 - Tunnel B advanced 60 ft. on No. 2 vein, of which first 30 ft. showed continuous ore between 4-1/2 and 5 ft. in width.
 - Vein appeared to be interrupted by a rhyolitic intrusion where the ore pinched out, and for the remaining distance driven the tunnel swings to the north.
 - Shipments of hand-sorted ore to Trail.
 - Assistance by B.C.D.M. in road building to Telkwa.
- 1930 - Small-scale operations by Babine Bonanza Metals, Ltd.
- In 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 and a width of 38 inches shows in the back of the raise.
- Tunnel B was cont'd about 160 ft. and showed ore all the way about 1/2 way up the face. Width of 20 inches.
- Junction of Mos. 1 and 2 veins appear to take place near the face of tunnel No. 1.
- Diagram P. A 142.
- 1948 - Cronin Babine Mines Ltd. formed.
- 2 diamond drills - 1 surface - 1 underground.
- 1949 - Detailed report. - p. A 94.
- 1950 - Road construction.

PROPERTY FILE

October 21, 1974

Tom Schroeter

DEVELOPMENT AND PRODUCTION AT CRONIN MINE 1951 - 1974

1948 - 1952 - Operated by Cronin Babine Mines Ltd.

1952 - 1953 - Leased to and operated by New Cronin Babine Mines Ltd.

Price - \$250,000 out of 10% net smelter returns.

1956 - 1959 - Paul Kindrat operated under lease as a high-grade operation from Babine Bonanza for 20% net smelter.

1960 - 1968 - Kindrat operated from New Cronin in consideration for development work and a percentage of smelter returns.

1969 - 1972 - Kindrat operated under option to purchase mill and property dated 18 August 1969 from New Cronin Babine Mines Ltd. Terms were \$90,000 with 15% guaranteed minimum from smelter returns. New Cronin has 5% override on all future net smelter returns.

1972 - present - Bought by Hallmark Resources.

- Development and production.

PAST PRODUCTION AND DEVELOPMENT

- about 4500 ft. development work.

<u>LEVELS</u>	<u>FEET</u>
# 6	200
# 5	1600
# 3	2000
# 2	300
# 1	300

DRILLING - Underground

928'	-	1964	
1007' (4)	-	1963	
1355 (11)	-	1948	(at 5000' level)
Surface			
1290 (5)	-	1948	

* For production figures - see accompanying list.

October, 1974
Tom Schroeter