

1827(?) - 1829(?) No activity

1826 - 1827 Local miners, including: Samuel Henderson (ownership not determined)

1826 Gold discovered on Rudisill's Hill by Absolom Holbrook (ownership not determined)

APPENDIX B

FLOTATION MILL

From H. J. Bryson, Gold Deposits in North Carolina (Raleigh, N. C.: North Carolina Department of Conservation and Development [Bulletin 38], 1936), 27-29.

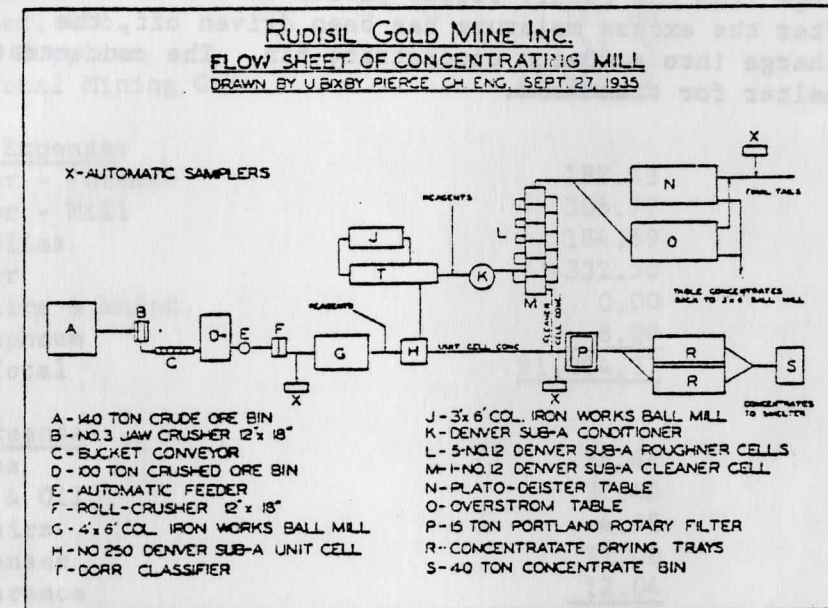


Figure 1. Diagram of flotation mill operations.

The flotation mill erected by the Rudisil Gold Mine, Inc., of Charlotte, is briefly described below:

Figure 1 gives the flow sheet in diagram.

The ore from the mine is delivered by truck to the flotation mill. The ore is dumped direct into 140-ton crude ore bin. From the crude ore bin the ore dumps direct into No. 3 jaw crusher, 12x18 inches. The crushed material is discharged into bucket elevator, which in turn discharges into 100-ton crushed ore bin. By automatic feeder the crushed ore is fed into a roll crusher, 12x18 inches. The ore from the roll crusher is fed into a 4x6 feet Colorado Iron Works ball mill. Between the roll crusher and the ball mill is an automatic sampler, from which samples are taken at certain intervals to keep a careful check on the character of the ore. The ore from the ball mill passes into a No. 250 Denver Sub-A unit cell. Between the ball mill and the unit cell the necessary reagents are added. The unit cell concentrates pass direct to a 50-ton Portland rotary filter, while the fines pass