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Anaconda Copper Mining Company

GEOLOGICAL DEPARTMENT

WALKER MINE

Letter to

Mr. B. B. Thayer

By

Tom Lyon

October 2, 1928

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October 2, 1928

Mr. E. B. Thayer, Vice President  
Anaconda Copper Mining Company  
25 Broadway  
New York, N. Y.

Subject:

WALKER MINE

Dear Sir:

I am sending you a map of the Walker mine which shows the Piute ore body and the vein which was picked up in Drill Hole No. 16.

The Piute ore body has now been developed for a distance of 900 feet along the strike of the vein with ore in the north and south faces. The average width is 39½ feet and the grade is 1.66 per cent copper. The dimensions of the ore body on the 700 level, as now developed, show 3,231 tons for each foot vertically. The surface is 350 feet vertically above the 700 level. Allowing 50 feet for the oxidized bearing portion of the vein, there would be 969,500 tons of ore indicated above the level. At a point 176 feet from the surface, a crosscut was driven off the main raise toward the hanging wall for a distance of 30 feet in ore averaging 4.25 per cent copper. This high grade ore of course is due to secondary enrichment.

The prospecting for the ore discovered in Drill Hole No. 16 disclosed a low grade block of a vein caught between two faults. Work has been stopped here due to the more important work of opening up the Piute ore body. At sometime in the future the vein will be picked up beyond the fault and explored.

2- Mr. B. B. Thayer

October 2, 1928

The stoping in the North ore body has encountered higher grade ore as the stopes advance towards the surface.

With the present low costs and high price of copper, the situation at the Walker is exceedingly encouraging. I am sure that the costs can be maintained at their present level, and that if copper stays at 14 $\frac{1}{2}$  cents per pound or above, it will be but a short time until the Walker will be out of debt.

Very truly yours,

*Tom Lyon*

Tom Lyon

TL:p

cc: Mr. Sales  
Mr. Elton ✓

Encl.