

Orinda, August 2, 1980.

9-15-7

Dear Frank:

Thank you for your informative letter July 29. This note leaves home before we go on vacation for 2 weeks, to Celistoga.

Your question about arsenic: Spectrographic work does not reveal arsenic at low levels. The universal background for arsenic is about 7 parts per million and arsenopyrites weather pretty easily into soluble arsenical compounds, except in presence of large concentrations of ferrites, gossans and laterites. Since weathered metavolcanics in that area do not carry appreciable iron, arsenic disappears into percolating water.

Am very happy that Len Ramp gets exciting about "massive sulfides". This is the best indication, that the orebody is extensive and rich. The reason that you found "massive sulfides" rather than veins, is that they seem to be broad and the drilling happened to traverse most of such a broad vein. If it is true what you said in the letter, that the second drilling probably carries more than the first, which in its heyday was a bonanza, then extraction will be much simplified. I am thinking about open pit operation starting from the top. Once you are in production, drilling can continue on a progressive basis.

I will probably be up there in October/November. By this time I surely would appreciate hiking to the Church Tree! Thank you

for the information.

Hope you all feel well and kind regards Ewald

✍
Len Ramp
Geologist
7-12-80
letter
from Kothmann