

# MEMORANDUM

To ..... D. J. Emery, c.c. H.E.P., M.F.

Date..... November 5, 1971.

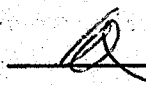
From ..... A. K. Campbell.

Ref.....

Subject..... High As in Assay Tap Water.

An investigation was made to attempt to determine the reasons for the increase in As in the Assay Tap Water in October (average 0.055 ppm) and particularly from October 26th to 29th.

1. During this period there was also an increase in the amount of CN in the tap water.
2. During the second half of October the water levels of #1 and #2 tailings settling areas were lowered and the volume of overflow increased. At the same time the flow in upper Baker Creek gradually reduced to zero at month-end. Thus any contaminants in the tailings overflow were not diluted after flowing into Baker Creek. The tailings overflow remained clear during this period.
3. The Mill claims that all calcine wash overflow was piped to tailings disposal and that none got into Baker Creek. DIRECT
4. Probably the main reason for the sudden increase in concentration of As in the tap water on October 26th (0.168 ppm) and October 29th (0.192 ppm), was the high south winds on these days.
5. Since November 1st the As values have decreased to 0.012 ppm. The overflow from #1 and #2 tailings areas is clear and at a normal rate.

  
A. K. Campbell,  
General Superintendent.

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