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Notes of a Meeting in Toronto  
With P. Berry, F. Pickard, P. Zaharuk  
Re Arsenic Upgrading  
April 12, 1979

P. Berry called the meeting to give me his comments on the proposed arsenic upgrading plant. I asked that Peter Zaharuk also join the meeting.


He pointed out that a pilot plant was essential to determine product quality and recovery of the gold. He felt the indicated gold recovery of 87% was too high and it would be more likely 70%. Pickard suggested that the residue product would be very fine and could go right up the stack when treated in the Giant roaster. It may be necessary to consider a different method of recovering gold from the residue.

Berry next questioned the water balance. He indicated that we may have to waste some and wondered if this had been well looked at. Zaharuk stated that it had.

The next major question Berry had was to do with costing for a 3000 ton per annum plant versus a 6000 ton per annum plant. He suggested that just cutting the cost of the 6000 ton plant in half was not appropriate and made a comment to the effect that he didn't think the cost analysis was well done. I replied that this was strictly a first look at the costs and that we wouldn't have the actual costs until completion of the pilot plant study.

Berry next noted that Bergman had not been involved in the development of the flow sheet. The lab work concerned the chemistry of the process only. Bergman had suggested we may need another pressure filter to get final polishing. I replied that this had been considered and so far as I knew Bergman had been consulted.

Berry noted that the pilot plant work would cost about \$100,000. Pickard suggested that our staff might be stretched too thin to do the pilot plant work and at the same time keep up with the operational necessities of the Giant plant. Berry felt we may want to consider Ed Foster as a consultant for a period of two months. He would contact him if we so desired. I indicated that I would be talking with the people at the mine site to see whether such help was needed.



D. J. Emery

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