

Meeting with Con
January 31, 1979
Re: As₂O₃ Treatment

Present: D. MacPhail; J. Gowans; K. Morton; W. Moore; P. Raleigh; D. Emery

P.R. Explained the treatment tests done on Con samples. Said that on the gold recovery side, the testing is not complete but that roasting is necessary. Average grade 0.37 oz Au/T. 60% recovery on straight cyanidation.

On the As₂O₃ side - end product is good - 99% t.

Giant looking at putting up a plant capable of treating our 3,800 tons plus 4,000 tons of Con material.

If Giant did this, plant would be operating first quarter, 1980. Would ask the material be put in a slurry, and delivered to Giant.

Technology proven in lab work.

D.M. At 4,000 T/year, this would take 10 years. Will Giant be running that long?

B.M. Explained that this operation would be viable on its own, even if the rest of the mine were shut down. We could handle Con's material until exhausted.

P.R. On what basis would Con be agreeable to letting us have it?

D.M. Could do it two ways - sell it to Giant or custom mill it.

J.G. Mentioned that the As Standing Committee know about the 20 ton sample shipment.

P.R. Described the truck & pump needed to slurry the material. Similar to that used to pump out septic tank.

D.M. Would be prepared to tell us the process and recoveries so that we could make a decision which way to go.

P.R. Yes, but not unless you agree not to use the idea and put up own plant.

D.M. Better leave that out of it at present. Are going to ask the Water Board for an extension of the requirement re the As ponds.

P.R. If you sold us the material, Con couldn't expect much return for the first three years, and after that, the return to Con could be very attractive. In any case, Giant will be going ahead with this plant, regardless of whether we get the material from Con.

D.M. Not asking for any capital from us.

P.R. No, except for the cost of trucking the material to Giant. Simpler to have a simple purchase agreement. Can also expect that the arsenic ponds will not be cleaned out 100% by pumping. They could then be filled with tailings.


B.M. Repeat again & emphasize the lead time of 12 months before the treatment plant is operating. Keep in mind when speaking to the Water Board.

P.R. We will support your request to the Water Board for an extension of time.

D.M. Could you increase the tons/year?

P.R. At present time would prefer to keep it to 4,000 T but may be able to increase this.

(Con is supposed to have the As ponds dealt with by March, 1980)



W. A. Moore

WAM:jc

c.c. D.J. Emery
P.J. Raleigh
K.S. Morton