

FAX

TO: K. Blower
CC: S. McAlpine
FROM: K. Morton
DATE: February 17, 1989
SUBJECT: FILTER TEST RPC - COST ESTIMATE

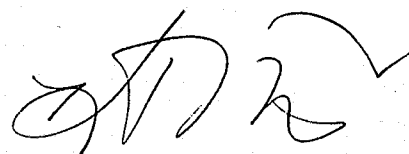
R. Gilders has estimated the operating costs for a two week test to be approximately \$60,000, (Breakdown attached) not including the cost of modifying and installing the filter.

My interpretation of Pall's offer to N. Figess is that they will do lab testing at no charge to the client, so that they can design the production scale unit. Since Pall made this offer, we now know that they will not test arsenic trioxide in their lab filter because of the possibility of contamination of their lab. I believe that they will provide engineering assistance during and after the pilot test at RPC, but I think that they intend Giant to be responsible for the cost of building and installing the filter.

I have asked B. Willemsteyn to clarify this point, and to provide us with an estimate of the cost of filter modification. I will call you with the information as soon as I hear from Ben.

As a matter of interest, Mott has a pilot filter just the right size for a pilot test. This may be available quickly and I imagine we could install Pall filter elements in it if we wanted to. R. Gilders is checking into the availability of this unit.

Regards



K. Morton



D. Lloyd
128 1478

research and productivity council
 conseil de recherche et de productivité

February 16, 1989

Mr. Kent Morton
 Giant Yellowknife Mines Ltd.
 P.O. Box 3000
 Yellowknife, NWT
 X1A 2M3

Dear Kent:

As per our telephone conversation of February 15, 1989, the costs which you requested for operating our pilot plant test facility for additional fuming trials based on 20 days of operation excluding set-up costs are as follows:

Category	Rate	Hours	Sub-Total	Total
1) Testing:				
Professional Rate VII	85	336	\$28,560.00	
Technical Rate II	42	336	14,112.00	
Casual	10	336	<u>3,360.00</u>	
				\$46,032.00
2) Report and Clean-up:				
Professional Rate VII	85	36.25	\$ 3,081.25	
Technical Rate II	42	36.25	1,522.00	
Casual	10	72.50	<u>725.00</u>	
		<u>1153</u>		\$ 5,328.75
3) *Safety and Mic. Supplies:				\$ 4,600.00
4) *Chemical Analyses:				<u>\$ 4,600.00</u>
ESTIMATED PROJECT TOTAL (Excluding Set-up)				\$60,560.75

\$1,361-

** at 10% of test work labour charge

We look forward to hearing from you,

Yours sincerely,

R. B. B. B.

R. B. B. B.
 Project Manager

/cem