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FALCONBRIDGE TOR

4-24869 SA

20TH MARCH 84

TO FALCONBRIDGE CANADA  
FROM SIMON CARVES AFRICA  
REF 84-038/P/IMS  
SERIAL NO 30301

ATTN MR P J RALEIGH  
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RE ROASTING PLANT KHEKHE  
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- AA. I VISITED THE ROASTING PLANT AT KHEKHE ON  
FRIDAY 16TH MARCH AND WILL WRITE REPORT ON VISIT TO  
YOU.
- BB. HAVE RECOMMENDED THAT FIRST THING TO DO IS TO GET THEIR  
ORES TESTED AND SUGGESTED THAT THIS BE DONE IN YOUR LABS.  
THEY WILL HAVE MEETING 29TH MARCH TO DISCUSS THIS.
- CC. WHAT WOULD YOUR PRICE BE TO TEST EITHER ONE, TWO OR THREE  
SAMPLES RESPECTIVELY.
- DD. THEIR MAIN PROBLEM APPEARS TO BE THE ANTIMONY  
CONCENTRATION WHICH HAS INCREASED CONSIDERABLY OVER THE  
LAST 6 MONTHS. THEY ROAST A MIXTURE OF CONCENTRATES FROM  
11 SOURCES ALL EXCEPT 3 OF WHICH HAVE LESS THAN 0.15 PERCENT  
ANTIMONY. 3 OF THE CONCENTRATES HAVE 1.5 TO 2.5  
PERCENT SB.
- EE. PRESENT AVERAGE GOLD RECOVERY IS  $\approx$  70 PERCENT - BASED  
ON GOLD INTO ROASTERS TO GOLD POURED INTO BARS.  
PREVIOUSLY THIS WAS OVER 80 PERCENT. AVERAGE GOLD  
CONCENTRATION 40-50 GRAM/T.
- FF. COULD THE ANTIMONY BE ELIMINATED BY RUNNING AT A  
HIGH TEMP - SAY 750 C INSTEAD OF 500 C AS AT GIANT.  
IN THE FIRST ROASTER. THIS WOULD OF COURSE MEAN DRY  
FEED ROASTING.
- GG. HOW MUCH BACKGROUND INFO HAVE THEY GIVEN YOU ON THIS PLANT.
- HH. PLEASE TLX IF YOU WANT MORE INFO IMMEDIATELY.

REGARDS  
IAN STUART  
SCAF

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FALCONBRIDGE TOR

4-24869 SA

20 MAR 84 2:07

GEN. ENCL.

MAR 20 1984

To: K. Blower  
Giant Yellowknife

26-1064