

005042

Bill D.

What is the cost of this in terms of extra work for the assay office. What are the benefits to

CURRAGH RESOURCES INC

INTER-OFFICE MEMORANDUM

FARO OFFICE

DATE: August 6, 1990

W.D.  
Noted Aug 17/90  
O/D  
@ copy to [unclear]  
[unclear] RW

TO: ERIC BEAUMONT  
MANAGER OF PROCESSING

FROM: DAVE TENNEY  
CHIEF GEOLOGIST

SUBJECT: BARIUM ASSAYS FOR BLASTHOLE SAMPLES

The specific gravity regression formula for the Vangorda Pit contains barium oxide \* as one of the dependent variables, (the others are the same as Faro - lead, zinc, total iron) which means that barium assays would be needed in order to use the formula. The specific gravity of blasthole samples is important in calculating accurate monthly production tonnages. (Note: There is little barite left at Faro so the need for barium assaying is not as pressing there.)

\*

The provision of a barium assay would also be of geological use as it would define the limits of the main ore type at Vangorda (4G - massive baritic sulphides), and also give some clue to the amount of dilution in the mill feed. This, therefore, is a formal request for barium assaying facilities to be set up on site at the mine.

*D. Tenney*

Dave Tenney  
Chief Geologist

DTicc

cc: W. Weymark	G. Jilson
J. Hendry	D. Basso
W. Dunn	J. Wells
N. Contini	D. Tului
J. Comeau	

\* Specific Gravity = 2.32 + 0.03 \*%Pb + 0.02 \*%Zn + 0.04 \* % BaO  
(Pulp) = 0.045 \* % Fr  
Correlation Coefficient = 0.950