

December 17, 1973

Dr. J. E. Lawver, Director,  
University of Minnesota,  
Mineral Resources Research Center  
Minneapolis, Minn.  
U. S. A.

Dear Dr. Lawver:

Thanks very much for your letter of December 4. I am very glad to learn of your interest in running the preliminary tests for beneficiation of Paz de Río ores. Last week I had the opportunity to discuss your proposals with the technical staff of Acerías and they agree in principle with the procedure as outlined in your letter.

However, we have two different types of ores namely: ore oxidized, goethite with quartz and clayly secondary minerals only and another with goethite, carbonate and probably chamosite as accessories in addition to the quartz and clayly minerals. Therefore, we would want to send you two samples rather than only one.

Before shipping you the two 50 pound samples, we would appreciate your clearing up the following questions:

- a - Which will be the cost of the preliminary tests on the two samples?
- b - Is a petrographic study of the ore included in your proposal? If not, we definitely want to have it.
- c - Can you send us the thin sections for further reference?

In order to expedite the matter, I suggest that you answer the above questions directly to Dr. Francisco Triana, Vice Presidente Técnico, Acerías Paz del Río, S. A., Carrera 8a. No. 13-31, Piso 7°, Bogotá, Colombia, making reference to our correspondence on the subject.

By the way, we are in very close contact with Arthur G. McKee & Company, since they made the engineering for all the Belencito Steel Plant and they are now assisting us in the preparation of the pre-feasibility study of the expansion under consideration.

Merry Christmas and a Happy New Year. Best personal regards,

Sincerely yours,

*Benjamin Alvarado*  
Benjamin Alvarado B.

BAB:mg.