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Dr. J. E. LAWVER  
Mineral Resources Research Center  
Department of Civil and Mineral Engineering  
Institute of Technology  
University of Minnesota  
Minneapolis, Minn. 55455

Ref: Paz del Río Iron Ore

Dear Dr. Lawver:

It is a pleasure to contact you again on my return to my country after my separation from the UN, where I had the opportunity of dealing with you in regard with some tests on the iron ore from Mount Nimba (Guinea).

At present Acerías Paz del Río, S.A., has consulted me on several problems related with the iron ore reserves for the expansion of the existing steel plant.

We want to investigate once more the feasibility of upgrading the oolitic ore of the Minette type which is the only known source of ore we have in the neighborhood. Please find attached a copy of the corresponding pages of my contribution to the UN study "Survey of World Iron Ore Resources" sales publication No. E.69.II.C-4 of which I am sure, you have a copy. The description of the deposits and the chemical and physical characteristics of the ore are self-explanatory.

You will also find in that publication a brief summary of the preliminary work on beneficiation of the ore carried out in 1946 by my former teacher of Mineralogy, Professor J.W. Gruner, with the assistance of the Mines Experiment Station of the University of Minnesota.

At this stage of the investigation we want you running some new tests on beneficiation of the ore using the modern systems developed by the iron ore industry.

It is our opinion that you may start with bench-scale tests on small samples, followed later on by pilot plant tests, if justified, so as to confirm the bench tests and to obtain engineering data for making economic analyses. However, I would appreciate very much to receive your suggestions and advise as to the best way to approach the problem.

Assuming that you would be interested in carrying out this research, I would appreciate to know the type and size of the sample needed for both tests as well as your fees in order to make the necessary arrangements with Acerías to start this work as soon as possible.

Looking forward to hearing from you, I remain.

Your sincerely,

BENAJAMIN ALVARADO

CC: Vicepresidencia Técnica  
Acerías Paz del Río, S. A.

BA/Mcc.