

North Las Vegas, Nevada,
January 26, 1948.

Mr. Charles R. Bone,
Kastenhuber & Lehrfele,
Refiners and Smelters,
21 West 46th Street,
New York City 19, N.Y.

C O N F I D E N T I A L

Dear Mr. Bone:

Referring yours 20th will say that we can supply probably 300 ounces monthly platinum metals content.

The material we plan shipping runs 3% or higher in platinum metals and may reach as high as 90% platinum metals. We have been having some trouble with iron contamination but believe we are getting this problem whipped so that from now on our product will be very rich in the platinum metals.

I believe I have discovered one of the most unique materials man ever came upon. It is a matrix of very hard stony material interspersed with an alloy of germanium and the platinum metals. I believe this material could be used by jewelers "as is". I will probably send you a sample shortly. If I am not able to get it polished before sending it, may I suggest that you polish it and then send us your appraisal of it. It seems to me it would be a shame to process this material for recovery of its metallic content.

However, I have other material we are processing and can send you precipitates or blacks. Inasmuch as we separate the Osmium from the other platinum metals we could supply the Osmium as a sulphide or possibly other Osmium compound and would like to have you state your preferences in this regard. I think you know that a man isn't likely to get deceived on Osmium for I know of no other element that can even remotely imitate it in many characteristics and reactions.

May I ask what identifying tests you would use to satisfy yourself that the product we send you is Osmium, for example. Would also like your comments regarding the other five elements of the platinum group. The Osmium would naturally be very pure, with possible minor amounts of Ruthenium. I am assuming you would not use the fire assay method for Osmium, Rhodium, or Iridium or Ruthenium.

Very truly,

Jasper Doyle
Jasper Doyle.