

③ If the type of H₂S generator described in dated Pg. 195 is used it would almost certainly contaminate the samples with iron which would be precipitated as FeS and subsequently estimated as lead. This contamination would vary so that no correction could be made for it.

I see no reason why we cannot cooperate with Mr. Belknap's technician to the extent mentioned in Mr. Belknap's letter.

N20046

RE 0013891

at the sulphate step in Fedoris method
 a volume of 500 c.c. is encountered which
 has about 70 c.c. conc. H_2SO_4 and about 20 gram
 potassium sulphate in solution. The solubility
 of lead sulphate in this volume of solution
 becomes appreciable, perhaps as much as
 0.05 mgrs. As a mine which contains as lit
 as 0.10 mgrs. it is my opinion that no lead
 would be obtained. Corresponding amounts
 would be lost from

② solution in sodium acetate is not near
 as easily accomplished as is the case
 with ammonium acetate