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treatment' of Moina fluorite ore, we desire that laboratory work should commence shortly to study the flotation of fluorite and recovery of tin, tungsten and magnetite concentrates.

We agree with you that the work on the "Mount Garnet fluorite ore" (Project 3/1/4/12) was good and that considering the presence of gangue inclusions, caused by the presence of the mineral Cuspidine ($3CaO \cdot 2SiO_2 \cdot CaF_2$) within the "Mount Garnet fluorite ore", the results in Test A.M.25 were extremely good. Since the "Moina fluorite ore" does not contain Cuspidine it should respond more readily than "Mount Garnet fluorite ore". Also, we now know that the gangue in the "Lost River" fluorite ore at Alaska is mainly calcite, therefore, care must be taken in applying what we know about the Lost River beneficiation methods to Moina fluorite ore which has mainly silicates and magnetite as gangue. In theory silicates should be more easily separated from fluorite by flotation than calcite.

Other Work

To assist you with consideration of a suitable work programme we enclose:-

Report: CMS 75/5 16 dated 3rd June, 1976
by H. W. Fander
Central Mineralogical Services Pty. Ltd.
- in which he examined Mineralogically/Petrologically
rock chips from our Samples Moina 3, 4, 5 and 6.

Programme

We would be grateful if you would consider our requirements carefully and prepare a preliminary programme for laboratory beneficiation/treatment studies so that we can hold discussions with the aim of reaching agreement on:

- (i) the programme for laboratory beneficiation/treatment studies
- (ii) timetable for (i)
- (iii) cost of carrying out (i)
- (iv) plans for a pilot plant study

Correspondence, Reports etc.

The originals of all letters, reports, quotes, invoices etc. should be sent to myself for action so that the project may be co-ordinated.

Yours sincerely,

A. H. Bartlett,
Manager - Exploration.