**IRMS Analyses in the KFLEB**

IRMS measures isotope ratios of the light elements. We focus on four light elements: hydrogen, carbon, nitrogen and oxygen from a variety of sample materials including soil, carbonates (calcite/dolomite), waters, dissolved phases, and gases.

Please answer the following questions as fully as possible.

1. What elements are of interest?
2. What is the matrix of sample?
3. How many samples do you have?
4. What is the estimated concentration of the elements of interest?
5. Do you have any independent certified standards similar in composition to your samples?
6. Are your samples isotopically enriched? If yes, please provide the estimated level of label present in the sample.
7. By when do you need analyses completed?

8. Do you have any additional information?