

Writing an article about the origin of hydrothermal fluid of zeolitic minerals by stable isotopes (H, O)

Dear Sir or Madam

I recently read that you wrote ~~the-an~~ article about stable isotopes (H, O) in order to discovering the origin of hydrothermal fluids of zeolites in Japan.

I have a master of science and graduated from university of Tehran. I worked on green tuffs of middle Eocene age in Hesarbon area (east of central Alborz). I did chemical analysis (XRD, XRF, and ICP). There are major and secondary minerals in the groundmass of the rocks, ~~whereas-Whereas~~ extensive tectonic activities have created a variety of structural features including numerous folds and faults and therefore, have caused the green tuffs to be crushed and convert to breccia tuffs in many parts. Veins and cavities are filled by considerable amounts of zeolitic minerals including heulandite group, clinoptilolite and natrolite group with calcite and secondary quartz that show they are precipitated by hydrothermal fluids with neutral pH to acidic. The existence of secondary minerals in the groundmass demonstrates s that these rocks have undergone some degree of low grade metamorphism.

I separated /isolated zeolitic minerals from calcite and secondary quartz, then I sent them to Actlab laboratory for stable isotopes analysis (H, O). The results s of the stable isotopes analysis show the origin of the hydrothermal fluids is meteoric water and saline shallow marine water.

I have ~~a~~ three articles, ~~two of which-Two of them~~ are for conference and ~~another-the other is-has~~ been published in university of Esfahan (journal of petrology).

I ~~make-a decision~~ intend to write an article about this subject. It would be helpful if you could guide me about writing an article.

Best sincerely

Shiva Bahrami