

**John W. Valley** (valley geology.wisc.edu)



Prof. John Valley (blue shirt) in a field work near Serrita Town, Pernambuco (2003).

Prof. John W. Valley, University of Wisconsin, was pioneer on the use of oxygen isotopes in zircon to infer when the hydrosphere and conditions habitable to life were established on Earth. V.P. Ferreira from the LABISE spent one year (2000-2001) in his laboratory at Madison, Wisconsin, learning among other things the art of running a CO<sub>2</sub> laser-based system of extraction of oxygen from silicates and mineral oxides. Prof. Valley visited the LABISE in 2003, gave a talk and participated in a 5-day fieldtrip to examine Ediacaran granitoids of the Cachoeirinha–Salgueiro and Alto Pajeú terranes.