



THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF ISOTOPE GEOCHEMISTRY
TEL. (602) 621-6014

March 12, 1987

CHRIS, EASTON
\$ 75/0H
development

Thomas Flynn
Division of Earth Sciences
University of Nevada, Las Vegas
255 Bell St., Suite 200
Reno, Nevada 89503

A.L. 6016

Dear Tom,

Here are the results of the two water samples that you sent for isotopic analyses. I have plotted the sample pairs on the meteoric line chart enclosed. As to which is the geothermal fluid, I would hazard a guess that the one with the heavier oxygen value (relative to the deuterium) is it. Am I right?

We will gladly process any more samples you care to send, we are running about a month turn-around right now on water samples sent for stable isotope analyses.

Sincerely,

Lisa Warneke, Research Assistant

P.S. I am moving to Buffalo, New York if you can call that greener pastures????????

<u>Sample</u>	<u>Lab No.</u>	<u>δ O-18(‰) snow</u>	<u>δ D/H(‰) snow</u>
MS 22	W2256	-11.99	-107.4
MS 24	W2257	-14.86	-115.5

Meteoric Line Chart

L.I.G.
Flynn 3/87

461510

KE 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

SD(‰)

