

about 2nd Dec 58

DR. PAUL DANON
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DEAR DR. DANON:

THIS LETTER IS WRITTEN AT THE SUGGESTION OF OUR MUTUAL FRIEND ALFRED KELLNER OF THE RESEARCH CORPORATION. HE STATES THAT YOU ARE SET UP TO DO C-14 ANALYSIS. RECENTLY I CAME HERE FROM HAWAII WHERE I FOUND CHARCOAL FROM CARBONIZED WOOD UNDER FOUR DIFFERENT LAVA FLOWS ON THE ISLAND OF MAUI. HALEAKALA VOLCANO IS CONSIDERED DORMANT AND NO RECORDED FLOWS HAVE APPEARED SINCE COOK ARRIVED IN 1778. HOWEVER THE FLOWS I EXAMINED CAN'T BE MORE THAN A FEW THOUSAND YEARS OLD.

IF CONVENIENT, PERHAPS YOU COULD MAKE A C-14 ANALYSIS ON MY FOUR SAMPLES. ABOUT HOW MUCH CHARCOAL DO YOU NEED? I DON'T HAVE A WHOLE LOT HERE, BUT THERE IS MORE BACK IN MAUI.

WHEN DATES HAVE BEEN SECURED IT MAY BE WORTHWHILE TO LOOK FOR SOLIDIFIED POOLS OF LAVA. THE MAGNETIC PARTICLES THEREIN ARE STILL PROBABLY ALIGNED IN THE DIRECTION OF THE EARTH'S FIELD AT THE LAVA CONCEALED. PERHAPS EVENTUALLY IT WILL BE POSSIBLE TO SECURE A HISTORY OF THE EARTH'S MAGNETIC FIELD IN THE MID-PACIFIC AREA.

SINCERELY YOURS,

GROTE REBER

GR:NY