



GEOLOGICAL SURVEY COMMUNICATION  
INDIANA DEPARTMENT OF CONSERVATION

TO: R. K. Leininger

DATE: Oct. 24, 1980

FROM: C. B. Rexroad

SUBJ: Sample analysis, Vienna Ls. Mbr.

I would appreciate it if you could have an analysis run on the attached sample of the Vienna Limestone Member (KH-2) from a cut on the north side of State Road 70 approximately  $1\frac{1}{4}$  miles west of Derby, Perry County, in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 32, T. 5 S., R. 1 W. In acid the rock reacts much like a dolomite, but, like the Illinois Vienna and not the Indiana Vienna so much, it may well be very siliceous. In the old days many dolomites were called siliceous limestones, and I don't want to fall into that trap. Also, I suspect that there is much very finely disseminated pyrite that isn't obvious from my breakdown of the rock.

NUMBER CA80-47 = KH-2

(BRANCHVILLE)  
16' CM ARGIL. LS OVER  
45' CM THICK 15'  
(UPPER HALF OF THICK BED)  
TAR SPRINGS UNDER