



SARANAC LAKE, N.Y., February 1, 1950

**THE TRUDEAU FOUNDATION
FOR
THE CLINICAL AND EXPERIMENTAL STUDY OF PULMONARY DISEASE**

IN ACCOUNT WITH

Owens-Illinois Glass Co.

Kaylo Division, Toledo 1, Ohio

Attn.: Mr. C. W. Howard, Director of Industrial Relations

	Continuation of Kaylo Experiment begun May 1, 1948, at rate of \$5,000 annually:	
	Third Quarter: Nov. 1, 1949 to Jan. 31, 1950	\$1,250.00
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FLOYD G. GILLIAM
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CHEMICAL AND X-RAY DIFFRACTION ANALYSIS OF LUNGS

DRY LUNG

Ash of Dry Lung	3.33%
Total SiO ₂	0.99
Quartz	0.04%
Cristobalite	0.25
Diatomite	0.63
Feldspar	0.04
Sericite	0.04
Clays	0.04

ASH

Total SiO ₂ of Ash	29.63
Free Crystalline SiO ₂	8.6
Free Amorphous SiO ₂	19.0
Combined SiO ₂	2.0
Fe ₂ O ₃	12.71
Al ₂ O ₃	2.14
P ₂ O ₅	35.98
PaO	1.52
MgO	1.89
K ₂ O	5.01
Na ₂ O	<u>9.10</u>
	97.98

00-133