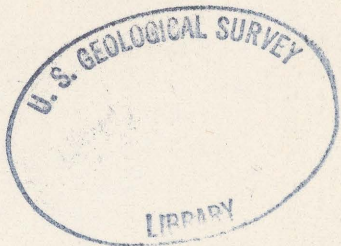


(205)
R290
no. 803

This report is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

Mineral Determined	Abundance ratio in Parts per 20 parts. X-ray petrographic		Relative abundance of clay minerals.	Remarks.
Lab # 4-111 Field # PLC2-AE				
Clay	6	4	K > I > M.L. Mont	Coarse grained Kaolinite. Mixed layer pre-dominately Mont.
Quartz	4	3		
K-Spar	3	} 3		
Plag.	1			
Biotite	6	7		
Calcite	1	1		
Opaques		tr		
Lab # 4-112 Field # PLC2-W				
Clay	6		Mont plus M.L. > K Ill	M.L. predom. Ill.
Quartz	4			
K-Spar	2			
Plag.	1			Highly sheared & altered to clay.
Biotite	7			
Calcite	1			
Lab # 4-113 Field # PLC3-E				
Clay	5	4	K > M.L. > Ill	Biotite altered to clay. Feldspar shows alteration to clay.
Quartz	2	2		
K-Spar	6	} 9		
Plag.	2			
Biotite	4	3		
Calcite	1	1		
Lab # 4-114 Field # PLC3-W				
Clay	2	5	M.L. > K > Ill	Granite Biotite shows signs of alteration. Mixed layer pre-dominately Mont.
Quartz	6	3		
K-Spar	5	} 8		
Plag.	3			
Biotite	4	3		
Calcite				
Siderite	1	1		
Lab # 4-115 Field # SIS2-E				
Clay	3	4	K > ML > Ill. and Mont	Mixed layer pre-dominately Mont.
Quartz	3	4		
K-Spar	6	} 6		
Plag.	3			
Biotite	3	3		
Siderite	2	1		
Dolomite	1	1		
Opaques		1		



PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME