

BULK	MINERALOGY, APPROX. WT.% <input checked="" type="checkbox"/> (or) RELATIVE ABUNDANCE <input type="checkbox"/>																					
	SAMPLE NO.	QUARTZ	CRISTOBALITE	K-FELDSP.	PLAGIOCLASE	CALCITE	MORPENITE	MAGNETITE	ILMENITE	HEMATITE	PYRITE	CLINOPYROXENE (OR) ORTHOPYROX.	AMPHIBOLE	EPIDOTE	APATITE	SMECTITE	ILLITE=MICA	CHLORITE	KAOLIN	ANALCIME OR WAIKAKEITE	OTHER *	
68-400				62			2?	1	1						1							33
68-800				55				1	2		>10?			1?	6							<25
68-1200				58				1	1		>10?			1?	9							<20
68-1600	8	15	40	12		2			1						10		TR?	TR?				12
68-1900	17		5	48	1			2	3		>5?				5		2					<12
68-2200	40		32	17					1						3	5	2					
68-3000	14		2	45	7				4		>10?				2	2	6					<8
68-3400	10		1?	46	3				4		>10?				5		3					<18
68-3800	8			48				2	2		>10?			1?	14		7					<8
68-4400	8			48	8			1	4		>10?				3		8					<10
68-4800	14		2	53				2	2		? 2			TR		5			TR?		20	
68-5000	13		2	48	1				2				3				11				20	
68-5200	9			53	1				2				3				9				23	
68-5600	11		2	47	3				3				3				4		1?		26	
68-6000	11		1	52	3				3				3				5		1?		21	
68-6400	12		2	55	4				3			2 3					5		TR?		14	

* INCLUDES AMORPHOUS PHASES, THOSE BELOW DETECTION LIMIT, AND THOSE WHOSE REFLECTIONS ARE MASKED BY PLAGIOCLASE PEAKS. MAY INCLUDE SOME LOST CIRCULATION MATERIAL.

MM = PREDOMINANT M = MAJOR m = MINOR Tr = TRACE ? = TENTATIVE IDENTIFICATION



SUMMARY OF X-RAY DIFFRACTION ANALYSIS

UNIVERSITY OF UTAH RESEARCH INSTITUTE, EARTH SCIENCE LABORATORY