BURNT LAVA 62-21
BULK XRD
PRELIMINARY

MINERALOGY, APPROX. WT.% [✓] (or) RELATIVE ABUNDANCE [ ]

SAMPLE NO.	QUARTZ	PLAGIOCL.	K-FELDSP.	CALCITE	DOLOMITE	PYRITE	HEMATITE	MORDENITE	CLINO-PTILOLITE	OPAL-CT	SMECTITE**	CELADONITE	KAOLIN												
606.0'																									
606.5'			m?	MM							m														
695.5'		m	m			m?					MM														
705.0'																									
719.0'	Tr?					m					MM														
762.0'	m	M				M			M		M														
779.0'	M	m		m-* INPLUDE					m		M														POSS. MINOR RHODOCHROSITE (2.84Å PEAK) (N. TENTATIVE) ??
929.0'		M					M		M		m														
1026.0'				M	Tr	m					M														
1090.0' (GREEN)		m								M	m	M													
1308.0'																									
1403.0'	m	M						MM			m														
1640.0'		Tr									MM		m												
1708.0'		m					m?				MM														
1920.0'	m	M						MM			m														
2073.0'	Tr?	m		m			m			M	MM														
2117.0'	m	m		M							M														
TO DO: 775.0'																									
1065.0'																									
																									* ALL DIOCTAHEDRAL
* 3.01Å																									

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

SUMMARY OF X-RAY DIFFRACTION ANALYSIS

UNIVERSITY OF UTAH RESEARCH INSTITUTE , EARTH SCIENCE LABORATORY