

SAMPLE FOOTAGE	ROCK TYPES																
	BASALT	ANDESITE	POPHYRITIC ANDESITE	MICRODIORITE	MICRODIORITE + RHYODACITE	RHYODACITE	POPHYRITIC RHYODACITE	MICRO DIORITE	HYPODIORITE	MICROBANDITE	DACITE	RHYOLITE	ASH FLOW TUFF	VOCANIC CONGLOMERATE	BOULDER	MICROBRECCIA	VEIN FRAGS.
160	a MM	m															
200	m	MM															1 FLOW-BANDED
300										MM							1 DEVITRIFIED, SOME PERLITIC TEX, ALTER. BIOTITE
400	a MM		TR														
600	a MM																
800										MM							1 MUCH ALTERED BIOTITE, SOME CPX + OPX
1000	a M	m	m												m		+ FLOW-BANDED
1100	a MM											TR	m				
1200	a MM														m		ANGULAR FRAGS. + HEM. = CINDERS?
1300		a MM		m											m		1 SPHERULITIC
1400	m	MM											m	m			• ALTERED
1460	a m	M		m						m?		m	m		m		1 DEVITRIFIED, ALSO RELECT SHARD TEX.
1500			TR	MM											TR		RELECT PERLITIC TEX. SPHERULITIC DEVITR.
1600	a m		m	M									TR	TR			• EPIDOTE
1710			m	MM													1 SPHERULITIC DEVITR. CEMENT
1800	m		m	M											TR		• COARSE GR. W/ CPX + OPX CEMENT
1890	a M			M				TR?				m					• ONE CLAST GRAPHIC FSPAR Q-FILLED W/ QTZ
2000				MM									m	m			CPX > BIO BIOTITE -> SMECTITE
2100	a TR		MM	TR									m	m			CPX + OPX >> BIO; COARSE RELECT PERLITIC TEX.
2200			MM										m	m			CPX + OPX >> BIO
2300			MM										m	m			• COARSE GR. = DIABASE X CPX + HB. HYDROTHERMAL CROSS-CUTTING VEINS
2370	a MM												m	m			• A-FILLED WITH Qtz, EP HYDROTHERMAL BRECCIA
2400			MM										m	m			• SIM TO 2300' MILONITE
2450	a MM														m		• A-MINERALIZED SIM TO 2370'
2500	a M		m										m	m			• A-FILLED WITH Qtz, EP SAME ROCK-DIFF. TEX.
2560	m		M		m					m?			m	m			• LARGE PLAG IN DEVITRIFIED MATRIX
2600	m		M										m	m			

a = ANAGOLAR

GRAPHIC FS BIOTITE

MORE XEN THAN 300'

MIXTURE OF ROCKS

ROUND ANDESITE CLASTS IN CLAYEN MATRIX

BRECCIA?

WELL 13
MEDICINE LAKE

ROCK TYPES OBSERVED DURING
RECONNAISSANCE PETROGRAPHY