

Table 5.5. Mineralogy for BCS-3 on replicate splits of raw leach column starting material.

	Split 1		Split 2		Split 3	
Chi <sup>2</sup>	3.8		5.5		5.6	
Phase	Weight%	±	Weight%	±	Weight%	±
Quartz	34.4	1.0	31.5	1.0	30.4	0.6
Chlorite	10.9	0.5	9.4	0.5	9.9	0.4
Muscovite	16.8	0.7	25.9	1.4	21.3	0.9
Phengite	6.8	1.1	8.3	1.4	4.3	0.5
Illite	8.6	0.9	5.3	0.8	10.0	0.5
Kaolinite	5.2	0.4	6.2	0.3	4.0	0.2
Micas & clay	37.4		45.7		39.6	
Albite	0.0		0.0		0.0	
Anorthite	0.2	1.3	0.4	1.1	3.4	0.9
Orthoclase	1.6	0.8	1.0	0.7	0.0	0.6
Feldspars	1.8		1.4		3.4	
Apatite	0.0		1.2	0.6	2.3	0.4
Zircon	0.9	0.2	1.0	0.2	0.3	0.1
Rutile	0.7	0.3	1.3	0.2	1.4	0.2
Accessory minerals	1.6		3.5		4.0	
Gypsum	0.0		0.0		0.0	
Barite	0.9		0.5	0.2	0.0	
Pyrite	3.0	0.3	3.6	0.2	2.7	0.2
Calcite	2.9	0.3	1.2	0.1	2.3	0.3
Siderite	4.7	0.3	3.3	0.3	7.0	0.5
Ankerite	2.4	0.4	0.0		0.8	0.3
Carbonate minerals	10.0		4.5		10.0	