Simplified Release Analysis Data Fit
Stockton Seam
(Table 1, Figure 5)

Composition (% Ash)	Weight %	Wt. Ash	Rate Constant	Time (min)	Recovery	Stage 1	*Cell 1*	Wt. Conc.	Wt. Ash	*Cell 2*	Wt. Conc.	Wt. Ash	*Cell 3*	Wt. Conc.	Wt. Ash
0.0	26.55	0.00	1.00	15.00	1.00			26.55	0.00		26.55	0.00		26.55	0.00
10.0	23.80	2.38	0.49		1.00			23.79	2.38		23.77	2.38		23.76	2.38
20.0	10.19	2.04	0.18		0.94			9.54	1.91		8.93	1.79		8.35	1.67
30.0	10.24	3.07	0.18		0.94			9.58	2.88		8.97	2.69		8.39	2.52
40.0	1.96	0.79	0.16		0.91			1.79	0.72		1.63	0.65		1.49	0.59
50.0	0.98	0.49	0.16		0.90			0.89	0.44		0.80	0.40		0.72	0.36
60.0	0.98	0.59	0.15		0.89			0.88	0.53		0.78	0.47		0.69	0.42
70.0	0.97	0.68	0.14		0.88			0.85	0.60		0.75	0.52		0.66	0.46
80.0	0.95	0.76	0.13		0.86			0.82	0.66		0.71	0.56		0.61	0.49
90.0	2.05	1.84	0.12		0.84			1.73	1.55		1.46	1.31		1.23	1.11
100.0	21.31	21.31	0.04		0.41			8.84	8.84		3.67	3.67		1.52	1.52
	100.00	33.95						85.25	20.49		78.01	14.44		73.97	11.51
														73.97	**15.56**	Residual
								% Ash	24.04		% Ash	18.51		% Ash	15.56	0.0001763

Yield	Ash	Recovery	Rejection	Ash per 100
23.44	6.82	33.07	95.29	1.60
53.26	9.45	73.02	85.18	5.03
69.11	13.07	90.96	73.40	9.03
73.97	15.56	94.57	66.10	11.51
100.00	33.95	100.00	0.00	33.95

Stage 2	*Float 1*	Factor	Recovery	Wt. Conc.	Wt. Ash	Wt. Tail	*Float 2*	Factor	Recovery	Wt. Conc.	Wt. Ash	Wt. Tail	*Float 3*	Factor	Recovery	Wt. Conc.	Wt. Ash	Wt. Tail	Wt. Ash
		0.72	0.52	13.69	0.00	12.86		2.38	0.91	11.67	0.00	1.19		7.37	1.00	1.19	0.00	0.00	0.00
			0.30	7.10	0.71	16.66			0.69	11.46	1.15	5.21			0.97	5.06	0.51	0.14	0.01
			0.12	1.04	0.21	7.31			0.35	2.58	0.52	4.74			0.74	3.51	0.70	1.23	0.25
			0.12	1.04	0.31	7.35			0.35	2.59	0.78	4.76			0.74	3.52	1.06	1.24	0.37
			0.11	0.16	0.07	1.32			0.32	0.42	0.17	0.90			0.70	0.63	0.25	0.27	0.11
			0.11	0.08	0.04	0.65			0.31	0.20	0.10	0.45			0.68	0.30	0.15	0.14	0.07
			0.10	0.07	0.04	0.62			0.30	0.18	0.11	0.44			0.66	0.29	0.17	0.15	0.09
			0.10	0.06	0.04	0.59			0.28	0.17	0.12	0.43			0.64	0.27	0.19	0.15	0.11
			0.09	0.06	0.04	0.55			0.27	0.15	0.12	0.40			0.62	0.25	0.20	0.15	0.12
			0.09	0.11	0.10	1.12			0.25	0.29	0.26	0.84			0.60	0.50	0.45	0.34	0.30
			0.03	0.04	0.04	1.48			0.08	0.12	0.12	1.36			0.23	0.31	0.31	1.05	1.05
				23.44	1.60					29.82	3.43					15.85	4.00	4.86	2.48
				23.44	**6.82**					**29.82**	**11.51**					**15.85**	**25.24**	**4.86**	**50.95**
				% Ash	6.82					% Ash	11.51					% Ash	25.24	% Ash	50.99