

Simplified Release Analysis
 Simulated Beckley Seam
 (Figures 11, 18, 30, 37, 45, 50)

Simplified Release Analysis (10 minute flotation time)

Yield	Ash	Recovery	Rejection	Ash per 100
14.12	2.84	21.20	98.86	0.40
37.61	3.79	55.95	95.96	1.43
57.20	5.96	83.17	90.35	3.41
62.51	8.48	88.45	84.99	5.30
100.00	35.32	100.00	0.00	35.32

Simplified Release Analysis (15 minute flotation time)

Yield	Ash	Recovery	Rejection	Ash per 100
14.68	3.57	21.89	98.52	0.52
39.62	4.78	58.32	94.63	1.90
62.03	7.77	88.45	86.35	4.82
70.12	12.5	94.86	75.18	8.77
100.00	35.32	100.00	0.00	35.32

Simplified Release Analysis (20 minute flotation time)

Yield	Ash	Recovery	Rejection	Ash per 100
14.90	4.17	22.07	98.24	0.62
40.43	5.63	58.99	93.55	2.28
64.32	9.48	90.01	82.73	6.10
75.15	16.48	97.03	64.93	12.39
100.00	35.32	100.00	0.00	35.32

Simplified Release Analysis
 Simulated Beckley Seam
 (Figures 12, 18, 30, 37, 45, 50)

Simplified Release Analysis (2 first-stage floats)

Yield	Ash	Recovery	Rejection	Ash per 100
14.84	4.21	21.98	98.23	0.62
40.24	5.71	58.66	93.49	2.30
63.95	9.71	89.28	82.42	6.21
75.15	17.23	96.17	63.34	12.95
100.00	35.32	100.00	0.00	35.32

Simplified Release Analysis (3 first-stage floats)

Yield	Ash	Recovery	Rejection	Ash per 100
14.68	3.57	21.89	98.52	0.52
39.62	4.78	58.32	94.63	1.90
62.03	7.77	88.45	86.35	4.82
70.12	12.5	94.86	75.18	8.77
100.00	35.32	100.00	0.00	35.32

Simplified Release Analysis (4 first-stage floats)

Yield	Ash	Recovery	Rejection	Ash per 100
14.57	3.19	21.80	98.68	0.46
39.19	4.23	58.02	95.30	1.66
60.76	6.62	87.72	88.62	4.02
67.11	9.60	93.79	81.75	6.44
100.00	35.32	100.00	0.00	35.32