Table 1: Column Test and Bottle Roll Results, Liberty Gold Variability Composites

Phase 2 Metallurgical Testing from Core Samples		Fine Bottle Roll Feed Target P_{80} (75µm)*						Coarse Bottle Roll Feed Target P_{80} (1,700µm)			Column Tests		
Composite ID**	Deposit Area	Actual Feed P_{80} (µm)	Calculated Head Grade (ppm Au)	Direct Leach Gold Extracted (%)	Actual Feed P_{80} (µm)	Calculated Head Grade (ppm Au)	Carbon in Leach Gold Extracted (%)	Actual Feed P_{80} (µm)	Calculated Head Grade (ppm Au)	Direct Leach Gold Extracted (%)	Actual Feed P_{80} (mm)	Calculated Head Grade (ppm Au)	Gold Extracted (%)
Black Pine Project - 2020 Variability Composites													
BP67-1	D-2	62	0.38	**79.8**	72	0.43	**78.4**	2,440	0.38	**61.8**	23.1	0.55	**81.8**
BP67-2	D-2	68	0.33	**62.4**	56	0.37	**65.1**	1,980	0.34	**49.8**	13.8	0.42	**71.3**
BP67-3	D-2	58	0.77	**60.2**	29	0.82	**68.1**	1,780	0.83	**59.0**	24.5	0.84	**69.1**
BP67-4	D-2	60	5.78	**92.7**	66	6.15	**93.2**	2,210	6.25	**91.5**	23.2	5.44	**94.5**
BP67-5	D-2	119	1.93	**85.6**	104	1.98	**88.8**	3,290	1.79	**81.4**	24.8	1.69	**86.9**
BP67-6	D-2	58	1.25	**73.7**	58	1.32	**80.7**	2,550	1.31	**75.3**	25.2	1.33	**79.3**
BP73-7	D-1	53	0.24	**37.7**	48	0.27	**42.1**	2,040	0.25	**35.8**	22.8	0.26	**42.0**
BP73-8	D-1	84	0.40	**46.7**	62	0.41	**53.0**	1,790	0.39	**41.3**	12.4	0.38	**54.9**
BP73-9	D-1	133	0.29	**82.2**	140	0.30	**76.9**	1,930	0.29	**71.7**	11.1	0.28	**83.5**
BP73-10	D-1	70	2.37	**83.2**	64	2.48	**87.4**	1,630	2.41	**83.8**	23.3	2.42	**86.7**
BP73-11	D-1	81	0.53	**88.0**	66	0.61	**86.4**	2,190	0.54	**85.6**	12.4	0.46	**87.1**
BP78-12	D-1	111	0.82	**73.5**	99	0.83	**74.2**	1,650	0.81	**68.7**	20.5	0.82	**72.8**
BP78-13	D-1	70	0.40	**69.9**	90	0.45	**84.1**	1,020	0.45	**75.3**	26.0	0.46	**82.6**
BP78-14	D-1	68	0.36	**87.4**	78	0.37	**84.7**	1,540	0.39	**76.8**	23.9	0.38	**79.2**
BP78-15	D-1	66	2.13	**91.1**	72	2.25	**92.3**	1,580	2.20	**87.2**	11.8	2.25	**89.1**
BP82-16	D-1	61	0.44	**82.2**	74	0.39	**77.9**	1,320	0.39	**72.4**	12.2	0.38	**79.2**
BP82-17	D-1	53	0.36	**79.4**	53	0.41	**79.2**	1,400	0.35	**68.2**	12.2	0.35	**77.5**
BP82-18	D-1	78	0.27	**53.3**	92	0.30	**60.1**	1,400	0.31	**48.4**	24.4	0.33	**56.8**
BP82-19	D-1	60	0.18	**65.8**	62	0.22	**68.0**	1,530	0.21	**53.8**	23.7	0.21	**63.1**
BP82-20	D-1	103	0.79	**82.8**	134	0.86	**85.0**	1,620	0.80	**78.4**	23.7	0.80	**81.7**
BP82-21	D-1	59	0.44	**69.5**	51	0.52	**78.5**	1,310	0.52	**70.9**	25.2	0.45	**72.6**
BP87-22	D-1	65	0.24	**57.7**	52	0.29	**63.2**	1,250	0.25	**56.5**	14.3	0.26	**69.4**
BP87-23	D-1	62	0.30	**71.3**	53	0.34	**74.3**	1,240	0.32	**66.8**	23.9	0.34	**69.2**
BP87-24	D-1	98	0.22	**45.7**	112	0.24	**55.8**	940	0.20	**44.1**	10.6	0.24	**60.3**
BP87-25	D-1	73	1.22	**83.2**	74	1.33	**85.8**	1,320	1.29	**82.7**	25.7	1.33	**85.5**
BP93-26	Rangefront	70	0.34	**81.0**	81	0.36	**83.9**	1,560	0.34	**76.2**	24.3	0.33	**77.9**
BP93-27	Rangefront	77	0.37	**85.2**	79	0.40	**87.5**	1,370	0.36	**80.6**	23.0	0.34	**81.1**
BP93-28	Rangefront	82	0.68	**81.5**	84	0.75	**84.9**	2,570	0.61	**76.3**	22.6	0.60	**81.5**
BP93-29	Rangefront	77	0.28	**65.1**	72	0.30	**71.4**	1,590	0.29	**61.1**	25.4	0.27	**58.8**

*Target P80 is achieved when 80% of the feed passes through a mesh with the given opening size. Actual laboratory conditions may vary, and the actual feed size is shown in the table. "µm" = micron, "mm" = millimetre, "ppm" = parts per million, "Au" = gold.

**Number following "BP" denotes drill hole number