Cutoff (g/t)	0.15,0.2, 1.0, 5.0
Min g/t*m	1.0
Max Waste (m)	5.0

Liberty Gold - Black Pine 2022 RC Drilling Current Release

Hole ID (Az, Dip) (degrees)	From (m)	To (m)	Intercept (m)	Au (g/t)	Au Cut-Off	Hole Length (m)	Target	Comments	g/t x m	AuCN/Au FA%
LBP429CA (80, -60)	31.7	46.0	14.4	0.20	0.15	280.7	**Discovery Zone**	**Geotechnical Core hole**	**47.0**	
including	31.7	39.3	7.7	0.24	0.20					
and	87.2	99.6	12.4	0.39						
and	126.5	149.8	23.3	0.33	0.15					
including	128.3	141.9	13.6	0.45	0.20					
and including	132.4	133.4	1.0	1.35	1.00					
and	151.6	160.3	8.7	0.45	0.15					
including	151.6	156.0	4.4	0.71	0.20					
and	166.4	174.0	7.6	0.22	0.15					
and	184.7	189.8	5.1	0.20						
and	203.9	223.6	19.7	0.31						
including	203.9	221.0	17.1	0.33	0.20					
and	226.8	241.1	14.3	0.28	0.15					
including	228.0	232.0	4.0	0.55	0.20					
and	**248.7**	**259.5**	**10.8**	**1.39**	0.15					
including	**253.3**	**256.3**	**3.0**	**3.93**	1.00					
LBP456C (260, -70)	7.0	19.8	12.8	0.33	0.20	352.5	**Discovery Zone**	**Geotechnical and Metallurgical Core**	**45.9**	
and	28.7	47.3	18.7	0.25	0.15					
including	36.9	43.3	6.4	0.40	0.20					
and	**75.0**	**84.1**	**9.1**	**0.79**	0.15					
including	**75.0**	**82.3**	**7.3**	**0.93**	0.20					
and including	**78.0**	**79.6**	**1.5**	**1.89**	1.00					
and	89.6	103.8	14.2	0.31	0.15					
including	89.6	102.4	12.8	0.32	0.20					
and	141.9	146.5	4.5	0.24	0.20					
and	159.4	166.6	7.2	0.44	0.15					
including	160.9	166.6	5.7	0.50	0.20					
and	186.8	190.8	4.0	0.35	0.15					
and	217.6	222.6	5.0	0.24						
and	**236.5**	**262.7**	**26.2**	**0.71**						
including	**236.5**	**260.9**	**24.4**	**0.75**	0.20					
and including	**238.0**	**242.6**	**4.6**	**1.76**	1.00					
and including	**250.5**	**251.8**	**1.2**	**3.82**						
LBP485C (340, -45)	56.4	80.8	24.4	0.24	0.15	170.7	**E Zone**	**Metallurgical Core**	**18.7**	
including	61.0	64.5	3.5	0.75	0.20					
and including	62.6	64.5	1.9	1.11	1.00					
including	74.7	80.8	6.1	0.27	0.20					
and	85.8	94.5	8.7	0.33	0.15					
including	87.5	94.5	7.0	0.37	0.20					
and	103.3	116.3	13.0	0.26	0.15					
including	103.0	112.5	9.4	0.30	0.20					
and	136.3	166.1	29.9	0.22	0.15					
including	136.3	145.2	9.0	0.25	0.20					
including	150.9	158.7	7.8	0.28						
LBP489C (250, -80)	9.8	13.6	3.7	0.31	0.20	196.0	**CD Extention**	**Geotechnical Core**	**18.5**	
and	23.5	35.5	12.0	0.27	0.15					
including	32.2	35.5	3.3	0.44	0.20					
and	125.9	137.9	12.0	0.38	0.15					
including	131.2	137.9	6.7	0.53	0.20					
and including	136.2	137.9	1.7	1.21	1.00					
and	160.5	173.7	13.3	0.46	0.20					
and	182.0	189.4	7.5	0.45	0.15					
including	182.0	188.1	6.1	0.51	0.20					
and including	185.5	186.5	1.0	1.14	1.00					
LBP499C (122, -58)	53.3	71.6	18.3	0.48	0.20	233.9	**North Tallman**	**Metallurgical Core**	**112.8**	
including	54.4	55.8	1.4	1.25	1.00					
including	57.3	58.2	0.9	1.77						
and	82.0	96.0	14.0	0.24	0.20					
and	**181.4**	**206.7**	**25.3**	**3.98**	0.20					
including	**181.4**	**197.1**	**15.7**	**5.99**	1.00					
and including	**182.9**	**192.5**	**9.6**	**8.55**	5.00					
LBP508C (70, -60)	1.8	29.6	27.7	0.30	0.15	98.0	**F Zone**	**Metallurgical Core**	**109.8**	
including	5.0	28.0	23.0	0.32	0.20					
and	**44.8**	**66.0**	**21.2**	**4.80**						
including	**49.4**	**64.6**	**15.2**	**6.53**	1.00					
and including	**52.4**	**59.9**	**7.5**	**11.0**	5.00					

Hole ID (Az, Dip) (degrees)	From (m)	To (m)	Intercept (m)	Au (g/t)	Au Cut-Off	Hole Length (m)	Target	Comments	g/t x m	AuCN/Au FA%
LBP516CA (240, -45)	7.3	26.6	19.4	0.29	0.15	131.4	**CD Pit North**	**Metallurgical Core**	**25.2**	
including	14.3	17.4	3.0	0.80	0.20					
and including	16.3	17.4	1.1	1.36	1.00					
including	21.0	26.6	5.6	0.29	0.20					
and	**47.5**	**82.6**	**35.1**	**0.43**	0.15					
including	**60.7**	**74.4**	**13.7**	**0.73**	0.20					
and including	**67.8**	**71.0**	**3.2**	**1.45**	1.00					
and	93.3	100.9	7.6	0.32	0.15					
including	97.8	100.9	3.0	0.54	0.20					
and	110.1	120.1	10.0	0.21	0.15					
LBP525C (30, -45)	32.8	45.6	12.8	0.38	0.20	135.9	**I Pit**	**Metallurgical Core; areas of reduced cyanide solubility**	**24.1**	
and	**50.6**	**91.9**	**41.3**	**0.47**	0.15					
including	**50.6**	**71.2**	**20.6**	**0.53**	0.20					
and including	**50.6**	**53.3**	**2.7**	**1.74**	1.00					
including	**75.0**	**89.3**	**14.3**	**0.52**	0.20					
and including	**83.5**	**84.7**	**1.2**	**1.88**	1.00					
LBP530C (220, -50)	6.1	11.0	4.9	0.28	0.20	143.6	**M Zone**	**Metallurgical Core; reduced cyanide solubility 100.9 to 103.9**	**35.8**	
and	30.1	33.8	3.8	0.69						
including	30.1	31.6	1.5	1.14	1.00					
and	**79.4**	**108.5**	**29.1**	**1.09**	0.20					
including	**79.4**	**82.6**	**3.2**	**3.31**	1.00					
including	**90.8**	**95.6**	**4.7**	**2.10**						
including	**100.9**	**103.9**	**3.0**	**1.38**						
LBP533C (120, -63)	41.8	75.1	33.4	0.27	0.15	132.9	**Rangefront**	**Metallurgical Core**	**22.2**	
including	41.8	46.3	4.6	0.45	0.20					
including	49.4	64.6	15.2	0.29						
including	70.7	75.1	4.4	0.25						
and	**90.9**	**115.4**	**24.4**	**0.55**	0.15					
including	**90.9**	**110.2**	**19.3**	**0.64**	0.20					
and including	**90.9**	**93.6**	**2.7**	**2.25**	1.00					
LBP541C (0, -70)	17.4	36.7	19.4	0.34	0.20	349.6	**Rangefront**	**Metallurgical Core Hole**	**32.0**	
and	110.3	137.9	27.5	0.21	0.15					
including	110.3	118.1	7.8	0.29	0.20					
and	144.1	150.0	5.9	0.23	0.15					
and	210.9	219.0	8.1	0.54						
including	210.9	216.0	5.0	0.77	0.20					
and	221.6	226.2	4.6	0.25	0.15					
and	229.1	241.8	12.8	0.21						
including	230.7	236.8	6.1	0.25	0.20					
and	273.4	278.3	4.9	0.24	0.15					
and	293.2	318.4	25.2	0.36						
including	293.2	312.0	18.7	0.42	0.20					
and including	296.4	297.6	1.2	1.34	1.00					
LBP556C (0, -70)	146.3	161.5	15.2	0.22	0.15	359.7	**Rangefront North**	**Metallurgical hole. Top 170 m is RC precollar, rest is core**	**33.1**	
including	147.8	157.0	9.1	0.25	0.20					
and	191.0	205.3	14.3	0.27	0.20					
and	**216.6**	**247.5**	**30.9**	**0.53**	0.15					
including	**234.7**	**247.5**	**12.8**	**0.93**	1.00					
and including	**234.7**	**236.4**	**1.7**	**1.11**						
and including	**239.7**	**243.1**	**3.4**	**1.22**						
and	**296.1**	**312.1**	**15.9**	**0.51**	0.15					
including	**296.1**	**305.4**	**9.3**	**0.74**	0.20					
and including	**301.4**	**303.2**	**1.8**	**1.66**	1.00					
and	323.7	329.5	5.8	0.27	0.15					
LBP573C (240, -60)	39.7	55.6	15.9	0.28	0.20	113.538	Hazel Pine	Metallurgical core	5.7	
and	57.0	61.7	4.7	0.26	0.15					
including	58.7	61.7	3.0	0.37	0.20					
LBP581C (135, -65)	Abandoned, not sampled					19.2	Rangefront	Metallurgical Core		
LBP586 (0, -90)	0.0	13.7	13.7	0.58	0.15	93.0	Tallman Backfill	Backfill; carbonaceous	7.9	14%
including	3.0	13.7	10.7	0.69	0.20					10%
and including	9.1	10.7	1.5	1.64	1.00					7%
LBP587 (0, -90)	0.0	9.1	9.1	0.15	0.15	153.9	**CD Backfill**	**Backfill**	**10.2**	39%
and	86.9	109.7	22.9	0.33				**Bedrock**		70%
including	86.9	103.6	16.8	0.39	0.20					76%
and including	100.6	102.1	1.5	1.41	1.00					86%
and	131.1	134.1	3.0	0.39	0.20					69%
LBP588 (0, -90)	0.0	4.6	4.6	0.30	0.15	135.6	Tallman Backfill	Backfill; carbonaceous	1.4	21%
including	0.0	3.0	3.0	0.37	0.20					24%

Hole ID (Az, Dip) (degrees)	From (m)	To (m)	Intercept (m)	Au (g/t)	Au Cut-Off	Hole Length (m)	Target	Comments	g/t x m	AuCN/Au FA%
LBP589 (0, -90)	**16.8**	**93.0**	**76.2**	**1.11**	0.15	129.5	**Tallman Backfill**	**Backfill material is carbonaceous with low AuCN**	**84.4**	26%
including	**16.8**	**38.1**	**21.3**	**0.83**	0.20					8%
and including	**21.3**	**24.4**	**3.0**	**3.10**	1.00					0%
including	**39.6**	**53.3**	**13.7**	**1.99**	0.20					10%
and including	**41.1**	**47.2**	**6.1**	**3.64**	1.00					10%
and including	**41.1**	**44.2**	**3.0**	**5.32**	5.00					8%
including	**59.4**	**93.0**	**33.5**	**1.14**	0.20					46%
and including	**64.0**	**67.1**	**3.0**	**3.18**	1.00					7%
and including	**82.3**	**89.9**	**7.6**	**2.44**				**Bedrock**		81%
and including	**86.9**	**88.4**	**1.5**	**5.64**	5.00					87%
LBP590 (0, -90)	0.0	7.6	7.6	0.34	0.20	202.7	Tallman Backfill	Backfill extends to a depth of 38m	2.6	29%
LBP591 (0, -90)	0.0	7.6	7.6	0.45	0.15	80.8	Tallman Backfill	Backfill extends to a depth of 49m and is variably carbonaceous	5.4	20%
including	0.0	6.1	6.1	0.53	0.20					21%
and	16.8	27.4	10.7	0.18	0.15					29%
LBP592 (0, -90)	0.0	6.1	6.1	0.38	0.20	50.3	Tallman Backfill	Backfill extends to a depth of 49m and is variably carbonaceous	4.0	12%
and	19.8	29.0	9.1	0.19	0.15					24%
LBP593 (0, -90)	**0.0**	**18.3**	**18.3**	**0.60**	0.15	56.4	**Tallman Backfill**	**Backfill; carbonaceous**	**11.0**	4%
including	**0.0**	**16.8**	**16.8**	**0.64**	0.20					5%
and including	**6.1**	**7.6**	**1.5**	**1.43**	1.00					NSS
LBP594 (0, -90)	1.5	18.3	16.8	0.20	0.15	153.9	**CD Backfill**	**Backfill**	**10.0**	35%
including	1.5	7.6	6.1	0.25	0.20					43%
and	79.2	96.0	16.8	0.40	0.15			**Bedrock**		68%
including	82.3	94.5	12.2	0.49	0.20					70%
LBP596 (0, -90)	0.0	7.6	7.6	0.34	0.15	129.5	CD Backfill	Backfill	5.8	42%
including	0.0	4.6	4.6	0.46	0.20					48%
and	41.1	48.8	7.6	0.24	0.15			Bedrock		82%
including	41.1	44.2	3.0	0.35	0.20					87%
and	57.9	64.0	6.1	0.23	0.15					77%
including	57.9	62.5	4.6	0.26	0.20					68%
LBP598 (0, -90)	**33.5**	**42.7**	**9.1**	**0.55**	0.20	153.9	CD Backfill	Backfill; carbonaceous	5.0	10%
including	**36.6**	**38.1**	**1.5**	**1.27**	1.00					6%
LBP600 (0, -90)	**1.5**	**47.2**	**45.7**	**0.44**	0.15	129.5	**Tallman Backfill**	**Backfill; carbonaceous**	**27.6**	12%
including	**15.2**	**47.2**	**32.0**	**0.53**	0.20					9%
and including	**22.9**	**25.9**	**3.0**	**1.36**	1.00					2%
and including	**29.0**	**30.5**	**1.5**	**1.12**						8%
and including	**45.7**	**47.2**	**1.5**	**1.23**						10%
and	**70.1**	**80.8**	**10.7**	**0.70**	0.20			**Bedrock**		85%
including	**76.2**	**79.2**	**3.0**	**1.59**	1.00					94%
LBP601 (0, -90)	3.0	16.8	13.7	0.24	0.15	207.3	Tallman Backfill	Backfill	3.3	39%
including	7.6	16.8	9.1	0.27	0.20					31%
LBP602 (10, -60)	**3.0**	**42.7**	**39.6**	**0.49**	0.15	153.9	**Tallman Backfill**	**Backfill; carbonaceous**	**46.0**	9%
including	**3.0**	**41.1**	**38.1**	**0.51**	0.20					9%
and including	**18.3**	**21.3**	**3.0**	**2.16**	1.00					4%
and including	**24.4**	**25.9**	**1.5**	**1.23**						1%
and including	**30.5**	**32.0**	**1.5**	**1.11**						7%
and	**74.7**	**114.3**	**39.6**	**0.63**	0.15			**Bedrock; low cyanide solubility below 99 m**		41%
including	**88.4**	**96.0**	**7.6**	**0.69**	0.20					87%
and including	**89.9**	**93.0**	**3.0**	**1.40**	1.00					89%
including	**99.1**	**114.3**	**15.2**	**1.12**	0.20					25%
and including	**102.1**	**109.7**	**7.6**	**1.82**	1.00					25%
and	120.4	126.5	6.1	0.23	0.15					13%
including	120.4	125.0	4.6	0.25	0.20					14%
LBP603 (0, -90)	1.5	16.8	15.2	0.24	0.15	50.3	Valley Dam Backfill	Backfill	3.7	38%
including	1.5	13.7	12.2	0.27	0.20					42%
LBP604 (60, -60)	1.5	25.9	24.4	0.21	0.15	213.4	Tallman Backfill	Backfill	5.1	40%
including	12.2	21.3	9.1	0.27	0.20					32%
LBP607 (240, -60)	6.1	33.5	27.4	0.30	0.15	152.4	Tallman Backfill	Backfill	8.2	37%
including	7.6	15.2	7.6	0.38	0.20					26%
including	21.3	33.5	12.2	0.33						49%
LBP608 (270, -90)	4.6	10.7	6.1	0.27	0.15	91.4	CD Backfill	Backfill	1.7	72%
including	6.1	10.7	4.6	0.30	0.20					71%
LBP609 (270, -45)	6.1	13.7	7.6	0.18	0.15	152.4	CD Backfill	Backfill	1.4	58%
LBP610 (0, -90)	6.1	21.3	15.2	0.24	0.15	184.4	Tallman Backfill	Backfill	3.7	65%
including	10.7	21.3	10.7	0.26	0.20					69%
LBP611 (330, -45)	3.0	10.7	7.6	0.27	0.15	99.1	CD Backfill	Backfill	2.1	86%
LBP612 (0, -90)	6.1	13.7	7.6	0.20	0.15	172.2	Long Lower Dump	Backfill	1.5	22%
LBP613 (40, -45)	9.1	15.2	6.1	0.20	0.15	152.4	CD Backfill	Backfill	1.2	53%
LBP615 (220, -60)	118.9	129.5	10.7	0.34	0.15	166.1	Long Lower Dump	Bedrock	3.6	86%
LBP616 (155, -50)	No Significant Results					202.7	CD Backfill			
LBP617 (270, -55)	1.5	15.2	13.7	0.18	0.15	178.3	Long Lower Dump	Backfill	2.4	65%

Hole ID (Az, Dip) (degrees)	From (m)	To (m)	Intercept (m)	Au (g/t)	Au Cut-Off	Hole Length (m)	Target	Comments	g/t x m	AuCN/Au FA%
LBP618 (210, -45)	35.1	42.7	7.6	0.28	0.20	135.6	CD Backfill	Backfill	2.1	96%
LBP620 (0, -90)	9.1	36.6	27.4	0.20	0.15	135.6	CD/Tallman Dump	Backfill	5.6	68%
including	9.1	18.3	9.1	0.24	0.20					56%
including	25.9	30.5	4.6	0.27						79%
LBP623 (0, -90)	**0.0**	**7.6**	**7.6**	**1.06**	0.20	182.9	CD/Tallman Dump	Backfill	8.1	23%
including	**1.5**	**4.6**	**3.0**	**1.82**	1.00					15%
LBP624 (0, -90)	19.8	27.4	7.6	0.26	0.20	158.5	CD/Tallman Dump	Backfill	2.0	46%
LBP626 (0, -90)	10.7	18.3	7.6	0.21	0.15	184.4	**CD Backfill**	**Backfill**	**22.4**	23%
including	10.7	15.2	4.6	0.23	0.20					32%
and	**108.2**	**123.4**	**15.2**	**1.11**				**Bedrock**		56%
including	**108.2**	**114.3**	**6.1**	**2.33**	1.00					62%
and	135.6	138.7	3.0	0.38	0.20					85%
and	161.5	167.6	6.1	0.45						24%
LBP659 (0, -90)	0.0	32.0	32.0	0.28	0.15	153.9	**A Basin Waste Dump**	**Backfill**	**14.4**	48%
including	0.0	21.3	21.3	0.28	0.20					47%
including	22.9	32.0	9.1	0.31						46%
and	79.2	86.9	7.6	0.15	0.15			**Bedrock**		57%
and	88.4	100.6	12.2	0.35						76%
including	88.4	99.1	10.7	0.38	0.20					77%
LBP661 (220, -85)	**0.0**	**38.1**	**38.1**	**0.26**	0.15	56.4	**A Basin Waste Dump**	**Backfill**	**10.0**	68%
including	0.0	15.2	15.2	0.30	0.20					56%
including	16.8	32.0	15.2	0.28						79%