

Table S1 Support Calculations for COC Production Material Balance

Sub-table S1a Mining

Data Source **SRK_2017_SGP Baseline Geochemical Characterization Report.pdf**

M3_2019_SGP Prefeasibility Study Technical Report

Table 3-1. Statistical Summary of Key Multi-Element Results from the Exploration Database

Table 1.4: Stibnite Gold Project Probable Mineral Reserve Estimate

Location		Statistic				Tables 16.1 and 16.8 for Waste Rock						
Constituent		Arsenic (ppm)	Mercury (ppm)	Antimony (ppm)		Production ktons	Arsenic tons	Mercury tons	Antimony tons		M3 Est Sb Reserve	
Average crustal abundance		1.8	0.08	0.2							k#s	tons
YellowPine						Yrs 2-7						
Development Rock	(n=19,268)					124,304						
	P5	7	0.11	5			870		14		622	
	Average	1,300	0.48	62			161595	51%	60		7707	
	P50	650	0.35	18			80798		44		2237	
	P95	4,600	1.2	76			571798		149		9447	
Ore	(n=4,889)					43985						
	P5	570	0.2	16			25071		9		704	
	Average	4,200	1.2	1,600			184737	44%	53	22%	70376	33% 86376 43188
	P50	3,500	0.64	45			153948		28		1979	High Sb 61%
	P95	10,000	3.3	7,800			439850		145		343083	Low Sb 39%
Hangar Flats						Yrs 6-10						
Development Rock	(n=12,147)					86696						
	P5	7	0.1	5			607		10		433	
	Average	1,200	1.6	260	**		104035		139		22541	
	P50	470	0.9	21			40747		79		1821	
	P95	5,200	5.3	110			450819		459		9537	
Ore	(n=3,594)					35650						
	P5	840	0.1	31			29946		4		1105	
	Average	5,400	4.4	3,900			192510	46%	157	65%	139035	64% 40757 20379
	P50	4,900	3.4	2,110			174685		121		75222	High Sb 15%
	P95	12,000	11	20,000			427800		392		713000	Low Sb 85%
West End						Yrs 6-12						
Development Rock	(n=4,853)					129995						
	P5	10	0.1	5			1300		13		650	
	Average	340	0.9	84			44198		121		10920	
	P50	140	0.5	20			18199		65		2600	
	P95	1,400	3.3	150			181993		429		19499	
Ore	(n=1,236)					15430						
	P5	310	0.2	15			4783		3		231	
	Average	2,500	1.8	130			38575	9%	28	0.12	2006	1%
	P50	1,600	0.9	52			24688		14		802	High Sb 0%
	P95	7,800	6.3	370			120354		97		5709	Low Sb 100%
P5 = 5th percentile; P50 = 50th percentile; P95 = 95th percentile												
Source: SRK, Lith Representivity Analysis 200900.060 Id Rev06												
** anomaly or error in SRK 2017, Table 3.1					DR Total	P5	2777		37		1705	
						Average	309829		319		41167	**
						P50	139744		187		6658	
						P95	1204611		1038		38483	
					Ore Total	P5	59801		16		2040	
						Average	415822		237		211417	
						P50	353321		163		78003	
						P95	988004		635		1061792	

Table S1 Support Calculations for COC Production Material Balance

Sub-table S1b Historic Tailings and Spent Ores

Data Source: **SRK_2017_SGP Baseline Geochemical Characterization Report.pdf**

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Table 3-1. Statistical Summary of Key Multi-Element Results from the Exploration Database **Table 1.4: Stibnite Gold Project Probable Mineral Reserve Estimate**

Location	Statistic	Tables 16.1 and 16.8 for Waste Rock									
Constituent		Arsenic (ppm)	Mercury (ppm)	Antimony (ppm)	Production tons	Arsenic tons	Mercury tons	Antimony tons	M3 Est Sb Reserve		
Old Tailings					3001	Ore					
					5915	Waste					
Spent Ore	Table 3.28	As ppm	Hg ppm	Sb ppm							
		P5 990	1.4	92		5856	8	544			
		Aw 1600	2.4	160		9464	14	946			
		P50									
		P9 2600	3.8	280		15379	97	1656			
Bradley Dump	Table 3.39				1501						
		P5 545	0.65	426		818	1	639			
		Aw 1614	0.8	1474		2422	1	2212			
		P50				0	0	0			
		P9 3440	2.17	16380		5162	3	24578			
Bradley Tailings	Table 3.42				1501						
		P5 769	0.62	637		818	1	956			
		Aw 1296	0.96	1573		1945	1	2360			
		P50				0	0	0			
		P9 2082	1.26	2720		3124	2	4081			
						0	0	0			
					3001						
***Likely Higrade Bradley Dump to meet Sb recovery goals											
					Hist Tails TOTAL	P5 1636	2	1595			
						Ave 4366	1%	3	1%	4572	2% ***
						P50 0	0	0			
						P95 8286	5	28660			
Historic Waste Overburden COC Concentrations											
		As ppm	Hg ppm	Sb ppm	5915						
		P5 545	0.62	92		3224	4	544		63567	
		Average 1296	0.8	160		7666	5	946		29%	
		P95 2082	1.26	280		12315	7	1656			

Table S1 Support Calculations for COC Production Material Balance											
Sub-table S1c Total Mining and Historic Tailings and Spent Ores											
				ORES (mined+tails)	Total	Production kts	98,066	Arsenic tons		Mercury tons	Antimony tons
						P5		61,436		18	3,635
						Average		420,188	57%	240	215,989
						P50					
						P95		996,290		640	1,090,452
				DEVELOPMENT ROCK	Total	Production kts	346,747	Arsenic tons		Mercury tons	Antimony tons
						P5		6001		41	2249
						Average		317495	43%	324	42114
						P50					
						P95		1216926		1045	40139
				COMBINED MINING AND HISTORIC TAILS	Total	Production kts	444813				
						P5		67,437	-	59	5,885
						Average		737,683	100%	564	258,103
						P50		-	-	-	-
						P95		2,213,215	-	1,685	1,130,591

Table S3 Support Calculations for COC Beneficiation Calculations											
Data Source M3_2019_SGP Prefeasibility Study Technical Report											
						Arsenic tons		Mercury tons		Antimony tons	
Process Feed											
Table 16-7		ktons									
Total Ore to Crusher		95065		average		415,822		237		211,417	
				95th%tile		989,183		635		1,063,513	
Historic Tailings		3001		average		4,366		3		4,572	
				95th%tile		7,106		5		26,938	
Total Process Feed		98066		average		420,188		240		215,989	
				95th%tile		996,290		640		1,090,452	
Floatation Cells				Distribution %		COC Concentrations in Process Streams					
YellowPine				As Sb		Table 13.9		Hg ppm As ppm Sb ppm			
Table 13.7 High Sb Ore		SbRoughCon		7.4 81.8		SbCleanCon		252 4120		581952	
		AuRoughConH		83.2 14.2		AuCleanConH		5.23 31000		4540	
		AuRtails		9.4 4		AuRConH		3.01 13700		3140	
Table 13.8 LowSbOre		AuRoughConL		92.8		AuCleanConL		11.9 66000		3600	
		AuRtails		7.8		AuRConL		3.72 21000		951	
Hanger Flats				As Sb		Table 13.15		Hg ppm As ppm Sb ppm			
Table 13.13 High Sb Ore		SbRoughCon		3.5 83.4		SbCleanCon		342 1420		579566	
		AuRoughConH		73 13.1		AuCleanConH		33.1 48600		11000	
		AuRtails		23.5 3.5		AuRConH		15.3 18900		3280	
Table 13.14 LowSbOre		AuRoughConL		64.3		AuCleanConL		67.6 57800		5260	
		AuRtails		35.7		AuRConL		38 >10000		1830	
West End				As Sb		Table 13.17		Hg ppm As ppm Sb ppm			
Table 13.16 LowSbOre		AuRoughConL		81.3		AuCleanConL		19 37500		380	
		AuRtails		18.7							