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)	P5	10	0.1	5		129995	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 ld 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 Sourc	SRK_2017_SGP Baseline Geochemical Characterization Report.pdf															
Data Sourc	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		
Old Tailings																
							3001	0re								
			As	Hg	Sb		5915	Waste								
Spent Ore	Table 3.28		ppm	ppm	ppm		0									
		P5	990	1.4	92			0		0		0				
		Av	1600	2.4	160			0		0		0				
		P50						0		0		0				
		P9	2600	3.8	280			0		0		0				
Bradley Dump	Table 3.39						1501									
		P5	545	0.65	426			818		1		639				
		Av	1614	0.8	1474			2422		1		2212				
		P50						0		0		0				
		P9	3440	2.17	16380			5162		3		24578				
Bradley Tailin	Table 3.42						1501									
		P5	769	0.62	637			818		1		956				
		Av	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 revovery 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	Hg	Sb											
		P5	ppm	ppm	ppm		5915									
			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
				DEVLOPMENT 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 S2 Support Calculations for COC Waste Rock Disposal

Data Source	**M3_2019_SGP Prefeasibility Study Technical Report**									
		Table 16.8								
Waste Rock Repositories			**Production kts**			**Production kts**		**As**	**Hg**	**Sb**
	Tailings Embankmen		60726	18%	**Tailings Embankmen**		60726	tons	tons	tons
	Main WRSF		149448	43%		P5		1051	7	394
	West End WRSF		25174	7%		Average		55603	140	18151
	YP Backfill		111399	32%		P50			0	0
			346747	100%		P95		213121	336	12895
					Main WRSF	Production	149448			
						P5		2586	18	969
						Average		136840	140	18151
						P50		0	0	0
						P95		524495	450	17300
					West End WRSF	Production	25174			
						P5		436	3	163
						Average		23050	24	3057
						P50		0	0	0
						P95		88349	76	2914
					YP Backfill	Production	111399			
						P5		1928	13	723
						Average		102001	104	13530
						P50		0	0	0
						P95		390960	336	12895
					Totals			6001	41	2249
								317495	407	52889
								1216926	1198	46005
				Waste Rock COC Summary				**Arsenic**	**Mercury**	**Antimony**
								tons	tons	tons
					Total Excavated		average	317,495	407	52,889
							95th%tile	1,216,926	1,198	46,005
					Disposition					
					Tailings Embankment		average	55,603	140	18,151
							95th%tile	213,121	336	12,895
					Main WRSF		average	136,840	140	18,151
							95th%tile	524,495	450	17,300
					West End WRSF		average	23,050	24	3,057
							95th%tile	88,349	76	2,914
					YP Backfill		average	102,001	104	13,530
							95th%tile	390,960	336	12,895

Table S3 Support Calculations for COC Beneficiation Calculations

Data Source **M3_2019_SGP Prefeasibility Study Technical Report**

Process Feed								**Arsenic tons**		**Mercury tons**		**Antimony tons**
	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							