

# NEWS RELEASE SILVER TIGER ANNOUNCES UPDATED MINERAL RESOURCE ESTIMATE FOR THE EL TIGRE SILVER-GOLD PROJECT

HALIFAX, NOVA SCOTIA – September 12, 2023 – Silver Tiger Metals Inc. (TSXV:SLVR and OTCQX:SLVTF) ("Silver Tiger" or the "Corporation") is pleased to announce an Updated Mineral Resource Estimate ("MRE") for its 100% owned, high-grade silver-gold El Tigre Project (the "Project" or "El Tigre") located in Sonora, Mexico. This Updated MRE was based on information and data supplied by Silver Tiger, and was undertaken by Yungang Wu, P.Geo. and Eugene Puritch, P.Eng., FEC, CET of P&E Mining Consultants Inc. of Brampton, Ontario.

The Updated MRE includes the newly-discovered Sulfide and Black Shale Zones, Veins and Pit-Constrained Resources (Figure 1).

#### **Highlights Include:**

- Increase of 84% in Indicated Silver Equivalent ("AgEq") Ounces from initial September 2017 Mineral Resource, with 3% increase in AgEq grade;
- Increase of 257% in Inferred AgEq Ounces from initial September 2017 Mineral Resource, with an 13% increase in AgEq grade;
- Pit-constrained El Tigre Indicated Mineral Resources of 61.4 Million ounces (Moz) AgEq grading 44 g/t AgEq contained in 43.0 Million tonnes ("Mt");
- Pit-constrained El Tigre Inferred Mineral Resources of 20.0 Moz AgEq grading 54 g/t AgEq contained in 11.5 Mt;
- Out-of-Pit El Tigre Indicated Mineral Resources of 20.8 Moz AgEq grading 279 g/t AgEq contained in 2.3 Mt;
- Out-of-Pit El Tigre Inferred Mineral Resources of 69.8 Moz AgEq grading 235 g/t AgEq contained in 9.2 Mt;
- Out-of-Pit Indicated Mineral Resources, at a cut-off grade of 263 g/t AgEq (3.5 gpt AuEq), contains 12.8 Moz ounces AgEq grading 484 g/t AgEq within in 0.8 Mt;
- Out-of-Pit Inferred Mineral Resources, at a cut-off grade of 263 g/t AgEq (3.5 gpt AuEq), contains 32.4 Moz ounces AgEq grading 400 g/t AgEq within in 2.5 Mt; and
- The El Tigre Project Mineral Resource is amenable to both open pit and bulk underground mining methods;

**Indicated Mineral Resources** are estimated at 46.4 Mt grading 25 g/t silver, 0.39 g/t gold, 0.01% copper, 0.03% lead, and 0.06% zinc (0.77 g/t AuEq). The Updated Mineral Resource Estimate includes Indicated Mineral Resources of 37.2 Moz of silver, 575 koz of gold, 9.4 Mlb of copper, 35.5 Mlb of lead, and 64.3 Mlb of zinc (1.1 Moz AuEq).

**Inferred Mineral Resources** are estimated at 20.9 Mt grading 78.4 g/t silver, 0.56 g/t gold, 0.04% copper, 0.13% lead, and 0.22% zinc (1.79 g/t AuEq). The Updated Mineral Resource Estimate includes Inferred Mineral Resources of 52.6 Moz of silver, 374 koz of gold, 18.1 Mlb of copper, 59.7 Mlb of lead, and 103.4 Mlb of zinc (1.2 Moz AuEq).

#### **Preliminary Economic Assessment**

As previously announced, Silver Tiger expects to deliver its PEA during September 2023.

Glenn Jessome, President and CEO, stated: "I would like to thank our technical team and our external consultants for delivering this positive Mineral Resource Estimate. The discovery of the Shale and Sulphide Zones, increased tonnage in the Veins and further delineation of the Open Pit has greatly increased the Mineral Resource and grade since our last published Technical Report. We have now delineated approximately 37.2 million ounces of silver and 575 thousand ounces of gold in the Indicated category, and 52.6 million ounces of silver and 374 thousand ounces of gold in the Inferred category." Mr. Jessome further stated: "With this successful MRE being complete, we now turn our attention to economics. As previously announced, we expect to deliver our PEA in Q4 2023. This coming milestone will see Silver Tiger transition from an explorer to a developer. This transition could significantly increase shareholder value."

A Technical Report is being prepared on the Updated Mineral Resource Estimate in accordance with National Instrument 43-101 ("NI-43-101"), and will be available on the Company's website and SEDAR within 45 days of the date of this release. The effective date of this Updated Mineral Resource Estimate is September 12, 2023.

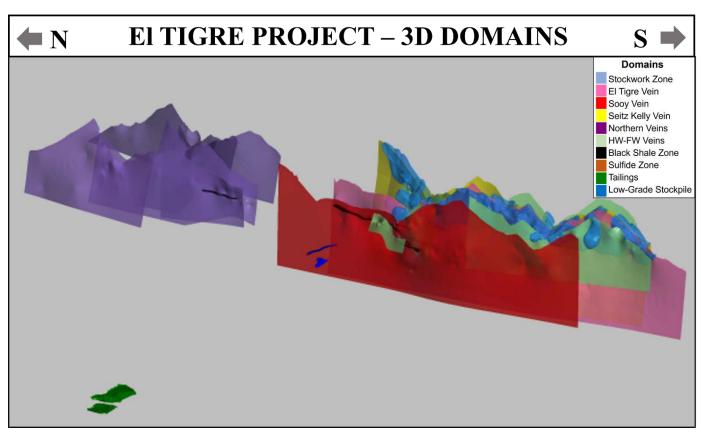


Figure 1: Isometric View of Mineralized Domains used in 2023 updated Mineral Resource Estimate.

## Mineral Resource Estimate Methodology – El Tigre Project

A total of 482 drill holes (124,851 metres) and 3,160 surface and adit channel samples (6,473 metres) were used in the Mineral Resource Estimate. Historical underground chip samples from the El Tigre Mine, totaling 16,319, were used to define the vein limits only and not grade estimation.

P&E Mining Consultants Inc. ("P&E") collaborated with Silver Tiger personnel to develop the mineralization models, estimates, and reporting criteria for the Mineral Resources at El Tigre. Mineralization models were initially developed by Silver Tiger and were reviewed and modified by P&E. A total of twenty-three individual mineralized domains have been identified through drilling and surface sampling. The outlines of the halos and veins below surface from 0 to 100 m were influenced by the selection of mineralized material above 0.3 g/t AuEq, whereas 1.0 g/t AuEq was applied for the veins >100 m below surface that demonstrated lithological and structural zonal continuity along strike and down-dip.

Mineralization wireframes were used as hard boundaries for the purposes of grade estimation. A 5 m x 5 m x 5 m three-dimensional block model was used for the Mineral Resource Estimate. The block model consists of estimated Au, Ag, Cu, Pb and Zn grades, estimated bulk density, classification criteria, and a block volume inclusion percent factor. Au and Ag equivalent block grades were subsequently calculated from the estimated metal grades.

Sample assays were composited to a 1.5m standard length. Au, Ag, Cu, Pb and Zn grades were estimated using Inverse Distance Cubed weighting of between 1 and 12 composites, with a maximum of 2 composites per drill hole. Composites were capped prior to estimation by mineralization domain. Composite samples were selected within an anisotropic search ellipse oriented down the plunge of identified high grade trends.

A total of 5,699 bulk density analyses were provided in the drill hole database. The bulk density ranged from 1.6 (dump) to 3.02 t/m<sup>3</sup> in the mineralized wireframes.

Classification criteria were determined from observed grade and geological continuity as well as variography. Indicated Mineral Resources are informed by 2 or more drill holes within 50 m; Inferred Mineral Resources are informed by 1 or more drill holes with a search radius sufficient to populate the wireframes. No Measured Mineral Resources were calculated.

P&E is of the opinion that the Mineral Resource Estimates are suitable for public reporting and are a reasonable representation of the mineralization and metal content of the El Tigre Deposit.

Table 2: El Tigre Project 2023 Mineral Resources Statement (1-10)

Donas M	Tonnes			A	verage G	Frade			Contained Metal							
Deposit		Au	Ag	Cu	Pb	Zn	AuEq	AgEq	Au	Ag	Cu	Pb	Zn	AuEq	AgEq	
	(M)	(g/t)	(g/t)	(%)	(%)	(%)	(g/t)	(g/t)	(koz)	(koz)	(Mlb)	(Mlb)	(Mlb)	(koz)	(koz)	
Indicated:																
South Zone In Pit	43.0	0.39	14		0.01	0.02	0.59	44	535	20,049	1.8	7.0	14.3	818	61,381	
South Zone Out-of-Pit	1.8	0.28	200	0.18	0.59	1.02	3.83	287	16	11,453	7.2	23.1	40.1	219	16,403	
North Zone Out-of-Pit	0.5	0.72	158	0.04	0.41	0.80	3.36	252	13	2,777	0.4	4.9	9.7	59	4,435	
Out of Pit Total	2.3	0.38	191	0.15	0.55	0.97	3.72	279	29	14,231	7.6	28.0	49.8	278	20,838	
Vein (S & N) Total	45.3	0.39	24	0.01	0.04	0.06	0.75	56	564	34,280	9.4	35.0	64.1	1,096	82,219	
Low Grade Stockpile	0.1	0.9	177	0.02	0.22	0.50	3.41	255	3	588	0.1	0.5	0.2	11	847	
Tailings	0.9	0.27	78				1.30	98	8	2,345				39	2,948	
Total Indicated	46.4	0.39	25	0.01	0.03	0.06	0.77	58	575	37,212	9.4	35.5	64.3	1,147	86,014	
Inferred:																
South Zone In Pit	11.5	0.47	17	0.00	0.01	0.02	0.72	54	176	6,396	0.8	3.7	4.3	267	20,045	
South Zone Out-of-Pit	5.5	0.61	170	0.09	0.22	0.39	3.23	242	107	30,072	10.7	26.9	46.8	571	42,821	
North Zone Out-of-Pit	3.7	0.74	132	0.08	0.35	0.64	3.00	225	89	15,813	6.6	29.0	52.3	360	26,981	
Out of Pit Total	9.2	0.66	155	0.09	0.27	0.49	3.14	235	197	45,885	17.3	55.9	99.0	931	69,801	
Vein (S & N) Total	20.8	0.56	78	0.04	0.13	0.23	1.80	135	373	52,282	18.1	59.6	103.4	1,198	89,847	
Low Grade Stockpile	0.0	0.46	146	0.02	0.17	0.09	2.52	189	0	83		0.1		1	108	
Tailings	0.1	0.27	79				1.31	98	1	254				4	323	
Total Inferred	20.9	0.56	78	0.04	0.13	0.22	1.79	135	373	52,619	18.1	59.7	103.4	1,204	90,277	

- 1. Mineral Resources which are not Mineral Reserves, do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.
- 2. The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of the Inferred Mineral Resource could be upgraded to an Indicated Mineral Resource with continued exploration.
- 3. The Mineral Resources in this news release were estimated in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CIM Standards on Mineral Resources and Reserves. Definitions and Guidelines (2014) prepared by the CIM Standing Committee on Reserve Definitions and adopted by the CIM Council and CIM Best Practices (2019).
- 4. Historically mined areas were depleted from the Mineral Resource model.
- 5. Approximately 74.7% of the Indicated and 22.3% of the Inferred contained AgEq ounces are pit constrained, with the remainder out-of-pit. See tables 2 and 3 for details of the split between pit constrained and out-of-pit deposits.
- 6. The pit constrained AuEq cut-off grade of 0.14 g/t was derived from US\$1,800/oz Au price, US\$24/oz Ag price, 80% process recovery for Ag and Au, US\$5.30/tonne process cost and US\$1.00/tonne G&A cost. The constraining pit optimization parameters were \$1.86/t mineralized mining cost, \$1.86/t waste mining cost and 50-degree pit slopes.
- 7. The out-of-pit AuEq cut-off grade of 1.5 g/t AuEq was derived from US\$1,800/oz Au price, US\$24/oz Ag price, \$4.00\$/lb Cu, \$0.95 \$/lb Pb, \$1.40 \$/lb Zn, 85% process recovery for all metals, \$50/t mining cost, US\$20/tonne process and US\$4 G&A cost. The out-of-pit Mineral Resource grade blocks were quantified above the 1.5 g/t AuEq cut-off, below the constraining pit shell within the constraining mineralized wireframes and exhibited sufficient continuity to be considered for cut and fill and long hole mining
- 8. No Mineral Resources are classified as Measured.
- 9. AgEq and AuEq calculated at an Ag/Au ratio of 75:1.
- 10. Totals may not agree due to rounding

**Table 2: AuEq Cut-off Sensitivities – Pit Constrained Mineral Resource<sup>1</sup>** 

	Cut-off	Tonnes	Averag	ge Grade						Contained Metal							
Pit Constrained	(AuEq)		Au	Ag	Cu	Pb	Zn	AuEq	AgEq	Au	Ag	Cu	Pb	Zn	AuEq	AgEq	
	(g/t)	(M)	(g/t)	(g/t)	(%)	(%)	(%)	(g/t)	(g/t)	(koz)	(koz)	(Mlb)	(Mlb)	(Mlb)	(koz)	(koz)	
Indicated	0.50	16.8	0.64	29	0.003	0.01	0.02	1.04	77.77	344	15,615	1.0	3.9	6.7	561	42,045	
	0.45	19.2	0.60	26	0.003	0.01	0.02	0.97	72.45	372	16,275	1.1	4.3	7.5	598	44,820	
	0.40	22.3	0.56	24	0.002	0.01	0.02	0.89	66.91	403	16,979	1.2	4.7	8.5	639	47,929	
	0.35	25.6	0.53	21	0.002	0.01	0.02	0.82	61.83	433	17,681	1.3	5.1	9.5	679	50,956	
	0.30	30.0	0.48	19	0.002	0.01	0.02	0.75	56.37	466	18,488	1.4	5.6	10.8	725	54,368	
	0.25	34.5	0.45	17	0.002	0.01	0.02	0.69	51.71	495	19,159	1.6	6.1	12.1	764	57,336	
	0.20	38.7	0.42	16	0.002	0.01	0.02	0.64	47.93	518	19,659	1.7	6.6	13.2	795	59,618	
	0.14	43.0	0.39	15	0.002	0.01	0.02	0.59	44.40	535	20,049	1.8	7.0	14.3	818	61,381	
	0.10	45.8	0.37	14	0.002	0.01	0.01	0.56	42.25	543	20,215	1.9	7.2	15.0	829	62,183	
	0.05	48.4	0.35	13	0.002	0.01	0.01	0.54	40.25	548	20,320	1.9	7.4	15.6	836	62,673	
	0.50	5.4	0.75	31	0.005	0.02	0.02	1.19	88.89	131	5,371	0.6	2.9	2.1	206	15,443	
	0.45	5.9	0.72	29	0.005	0.02	0.02	1.12	84.22	136	5,511	0.6	3.0	2.3	214	16,037	
	0.40	6.6	0.67	27	0.004	0.02	0.02	1.05	78.62	144	5,662	0.6	3.1	2.6	223	16,762	
	0.35	7.5	0.63	24	0.004	0.02	0.02	0.97	72.64	152	5,829	0.7	3.2	2.9	234	17,568	
Informed	0.30	8.6	0.58	22	0.004	0.02	0.02	0.89	66.57	160	5,999	0.7	3.4	3.4	246	18,413	
Inferred	0.25	9.8	0.53	20	0.004	0.02	0.02	0.81	60.87	168	6,204	0.8	3.5	3.8	256	19,221	
	0.20	10.7	0.50	18	0.003	0.02	0.02	0.76	57.18	173	6,324	0.8	3.6	4.1	263	19,715	
	0.14	11.5	0.47	17	0.003	0.01	0.02	0.72	54.10	176	6,396	0.8	3.7	4.3	267	20,045	
	0.10	11.8	0.47	17	0.003	0.01	0.02	0.71	53.06	177	6,415	0.8	3.7	4.4	268	20,124	
	0.05	12.0	0.46	17	0.003	0.01	0.02	0.70	52.14	177	6,422	0.8	3.7	4.5	269	20,167	

<sup>1.</sup> See Table 1 notes for assumptions

 ${\bf Table~3:~AuEq~Cut-off~Sensitivities-Out-of-Pit~Mineral~Resource}^{\bf 1}$ 

	Cut-off (AuEq)	Tonnes	Average Grade								Contained Metal							
Out of Pit			Au	Ag	Cu	Pb	Zn	AuEq	AgEq	Au	Ag	Cu	Pb	Zn	AuEq	AgEq		
	(g/t)	(M)	(g/t)	(g/t)	(%)	(%)	(%)	(g/t)	(g/t)	(koz)	(koz)	(Mlb)	(Mlb)	(Mlb)	(koz)	(koz)		
	5.0	0.4	0.46	426	0.46	1.39	2.45	8.27	620	6	5,291	3.9	11.8	20.9	103	7,699		
	4.5	0.5	0.45	398	0.42	1.28	2.29	7.71	579	7	5,849	4.2	12.9	23.1	114	8,514		
	4.0	0.6	0.43	369	0.38	1.18	2.12	7.15	536	8	6,479	4.6	14.2	25.6	126	9,422		
	3.5	0.7	0.40	339	0.35	1.07	1.91	6.56	492	9	7,218	5.1	15.6	27.9	140	10,462		
South Zone-	3.0	0.8	0.38	310	0.31	0.96	1.71	5.97	447	10	8,015	5.5	17.0	30.3	154	11,570		
Indicated	2.5	1.0	0.35	279	0.27	0.84	1.50	5.36	402	11	8,894	5.9	18.4	32.7	171	12,798		
	2.0	1.3	0.32	244	0.23	0.72	1.28	4.66	350	13	9,992	6.5	20.4	35.9	191	14,334		
	1.5	1.8	0.28	201	0.18	0.59	1.02	3.83	287	16	11,453	7.2	23.1	40.1	219	16,403		
	1.0	2.8	0.26	147	0.13	0.43	0.74	2.86	214	24	13,409	8.2	27.0	45.9	260	19,517		
South Zone- Inferred	5.0	0.8	0.80	375	0.21	0.50	0.86	6.60	495	20	9,224	3.5	8.4	14.5	163	12,192		
	4.5	1.2	0.66	345	0.17	0.46	0.79	5.99	449	25	12,898	4.5	11.8	20.3	224	16,780		
	4.0	1.4	0.68	325	0.17	0.46	0.78	5.71	429	30	14,409	5.0	14.0	23.7	253	18,993		
	3.5	1.6	0.70	300	0.15	0.45	0.77	5.38	404	37	15,999	5.6	16.3	28.1	287	21,495		
	3.0	2.4	0.60	269	0.14	0.36	0.62	4.75	356	47	20,765	7.5	18.8	33.0	368	27,564		
	2.5	3.0	0.70	235	0.12	0.31	0.54	4.34	326	68	22,922	8.3	20.7	36.3	422	31,684		
	2.0	3.8	0.67	210	0.11	0.27	0.48	3.91	293	82	25,649	9.3	22.8	39.9	478	35,825		
	1.5	5.5	0.61	170	0.09	0.22	0.39	3.23	242	107	30,072	10.7	26.9	46.8	571	42,821		
	1.0	10.4	0.48	116	0.06	0.17	0.29	2.28	171	162	38,814	14.4	39.1	65.7	767	57,529		
	5.0	0.1	1.98	382	0.08	0.56	1.08	7.83	587	5	1,018	0.1	1.0	2.0	21	1,564		
	4.5	0.1	1.76	359	0.07	0.57	1.09	7.31	548	6	1,151	0.2	1.2	2.4	23	1,755		
	4.0	0.1	1.59	332	0.07	0.54	1.05	6.74	505	6	1,302	0.2	1.5	2.8	27	1,984		
v 15	3.5	0.2	1.38	297	0.06	0.53	1.01	6.03	452	7	1,522	0.2	1.9	3.9	31	2,322		
North Zone-	3.0	0.2	1.16	259	0.05	0.53	1.02	5.30	398	8	1,805	0.3	2.5	4.9	37	2,769		
Indicated	2.5	0.3	1.00	226	0.05	0.53	1.04	4.70	352	9	2,060	0.3	3.3	6.5	43	3,211		
	2.0	0.4	0.85	192	0.04	0.47	0.93	4.02	301	11	2,404	0.3	4.1	8.0	50	3,784		
	1.5	0.5	0.72	158	0.04	0.41	0.80	3.36	252	13	2,777	0.4	4.9	9.7	59	4,435		
	1.0	0.9	0.57	116	0.03	0.31	0.61	2.52	189	16	3,349	0.5	6.2	11.9	72	5,433		
	5.0	0.4	2.12	339	0.04	0.13	0.23	6.83	512	26	4,171	0.3	1.1	1.9	84	6,304		
	4.5	0.4	2.05	324	0.04	0.15	0.23	6.58	493	29	4,544	0.3	1.4	2.2	92	6,909		
	4.0	0.5	1.91	301	0.03	0.16	0.23	6.12	459	33	5,228	0.4	1.9	2.8	106	7,975		
NT 41-77	3.5	0.9	1.54	264	0.03	0.16	0.21	5.25	393	43	7,328	0.6	3.0	3.9	145	10,905		
North Zone-	3.0	1.5	1.12	203	0.07	0.41	0.82	4.42	332	54	9,756	2.4	13.6	27.1	212	15,913		
Inferred	2.5	1.9	1.06	187	0.06	0.37	0.73	4.07	305	64	11,318	2.6	15.6	30.4	247	18,490		
	2.0	2.5	0.95	166	0.05	0.35	0.67	3.64	273	75	13,114	2.9	18.7	36.1	287	21,560		
	1.5	3.7	0.74	132	0.08	0.35	0.64	3.00	225	89	15,813	6.6	29.0	52.3	360	26,981		
	1.0	4.7	0.65	115	0.07	0.31	0.55	2.62	197	100	17,524	7.6	32.4	57.7	400	29,979		

<sup>1.</sup> See Table 1 notes for assumptions

# **Qualified Persons**

Dave Duncan P. Geo., VP Exploration of Silver Tiger, Charles Spath, P. Geo., VP of Technical Services of Silver Tiger, and Eugene Puritch, P.Eng., FEC, CET, President of P&E Mining Consultants are the Qualified Persons as defined under National Instrument 43-101. Mr. Duncan, Mr. Spath and Mr. Puritch have reviewed and approved the scientific and technical information in this press release.

# **About Silver Tiger and the El Tigre Historic Mine District**

Silver Tiger Metals Inc. is a Canadian company whose management has more than 25 years' experience discovering, financing and building large epithermal silver projects in Mexico. Silver Tiger's 100% owned 28,414 hectare Historic El Tigre Mining District is located in Sonora, Mexico. Principled environmental, social and governance practices are core priorities at Silver Tiger.

The El Tigre historic mine district is located in Sonora, Mexico and lies at the northern end of the Sierra Madre silver and gold belt which hosts many epithermal silver and gold deposits, including Dolores, Santa Elena and Las Chispas at the northern end. In 1896, gold was first discovered on the property in the Gold Hill area and mining started with the Brown Shaft in 1903. The focus soon changed to mining high-grade silver veins in the area with production coming from 3 parallel veins the El Tigre Vein, the Seitz Kelley Vein and the Sooy Vein. Underground mining on the middle El Tigre Vein extended 1,450 metres along strike and was mined on 14 levels to a depth of approximately 450 metres. The Seitz Kelley Vein was mined along strike for 1 kilometre to a depth of approximately 200 meters. The Sooy Vein was only mined along strike for 250 metres to a depth of approximately 150 metres. Mining abruptly stopped on all 3 of these veins when the price of silver collapsed to less than 20¢ per ounce with the onset of the Great Depression. By the time the mine closed in 1930, it is reported to have produced a total of 353,000 ounces of gold and 67.4 million ounces of silver from 1.87 million tons (Craig, 2012). The average grade mined during this period was over 2 kilograms silver equivalent per ton.

## For further information, please contact:

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#### **CAUTIONARY STATEMENT:**

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This News Release includes certain "forward-looking statements". All statements other than statements of historical fact included in this release, including, without limitation, statements regarding potential mineralization, Mineral Resources and Reserves, the ability to convert Inferred Mineral Resources to Indicated Mineral Resources, the ability to complete future drilling programs and infill sampling, the ability to extend resource blocks, the similarity of mineralization at El Tigre to Delores, Santa Elena and Chispas, exploration results, and future plans and objectives of Silver Tiger, are forward-looking statements that involve various risks and uncertainties. Forward-looking statements are frequently characterized by words such as "may", "is expected to", "anticipates", "estimates", "intends", "plans", "projection", "could", "vision", "goals", "objective" and "outlook" and other similar words. Although Silver Tiger believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, there can be no assurance that such statements will prove to be accurate and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from Silver Tiger's expectations include risks and uncertainties related to exploration, development, operations, commodity prices and global financial volatility, risk and uncertainties of operating in a foreign jurisdiction as well as additional risks described from time to time in the filings made by Silver Tiger with securities regulators.