

Flash Update

Vizsla Silver Corp.

Precious Metals - Developer/Explorer

10 August 2022

SPECULATIVE BUY

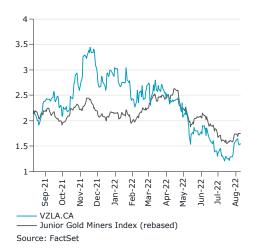
Price Target C\$3.75

VZLA-TSXV

Price **C\$1.56**

Market Data

52-Week Range (C\$):	1.19 - 3.45
Avg Daily Vol (000s) :	208.68
Shares Out. (M) :	148.3
Market Cap (C\$M):	231.3



Priced as of close of business 9 August 2022

Vizsla Silver is a junior mineral exploration company actively advancing its flagship Panuco silver-gold project located in Sinaloa, Mexico. Since acquiring an interest in the past-producing property in 2019, Vizsla has made several new high-grade discoveries, significantly advancing the geologic understanding of the now consolidated district.

Kevin MacKenzie, P.Geo., MBA | Analyst | Canaccord Genuity Corp. (Canada) | kmackenzie@cgf.com | 1.604.643.7357 **Steve Searles** | Associate | Canaccord Genuity Corp. (Canada) | SSearles@cgf.com | 1.416.883.4223

High-grade hits set the stage for material resource expansion

Event: Vizsla released the results of an additional 26 drill holes from its flagship Panuco silver-gold project located in Sinaloa, Mexico (Figure 1). The drill results are part of Vizsla's ongoing +120,000m 2022 resource expansion/discovery-focused drill program. We reiterate our \$3.75/sh target price and SPECULATIVE BUY rating.

Details: The results of today's release are centered on the Copala resource area, within the broader Cinco Señores Corridor (Figure 2). Notable intercepts include:

- CS-22-191: **1,011g/t AgEq over 12.52m** TW
- CS-22-173: **826g/t AgEq over 14.46m** TW
- CS-22-159: **418g/t AgEq over 10.50m** TW
- CS-22-181: 1,051g/t AgEq over 3.44m TW

The results of the release were successful in expanding Copala mineralization an additional 450m SSE, beyond the March 2022 resource boundary (Figure 3). Note that mineralization at Copala remains open both along strike and at depth.

Bigger picture: Today's results follow a series of high-grade infill/expansion intercepts released since the company's maiden resource estimate was published in Q1/22 (global 107Moz AgEq, Figure 8). Overall, drilling across multiple zones continues to illustrate the continuity of mineralization, expanding overall mineral footprints. The company continues to target a $\sim 50\%$ increase in contained silver-equivalent ounces for its Q4/22 resource update. We believe that Vizsla is well positioned to meet this goal and, in the long term, materially exceed it.

Cinco Señores Corridor: Ongoing drilling along the northern end of the Tajitos Vein, within the Cinco Señores Corridor, continues to be successful in delineating the recently discovered Copala Vein (Figure 7). This near surface, shallow dipping vein is located within the hanging wall of the Tajitos structure and is marked by broad, high-grade intercepts. To date, the high-grade footprint at Copala has been traced for ~900m along strike and up to 400m down dip. The maiden resource for Copala (global 25Moz AgEq) was based on an initial eight drill holes (now 72 holes completed); as such, we expect that the results of ongoing drilling will feature prominently in the pending resource update. Recent notable intercepts, prior to today's release, include 1,030g/t AgEq over 20.45mTW, 900g/t AgEq over 14.50mTW, and 1,242g/t AgEq over 4.40mTW.

Napoleon Corridor: The high-grade footprint of the Napoleon Vein has now been traced ~800m along strike and up to 400m down dip (Figure 6). Notable recent intercepts include 1,241g/t AgEq over 3.90mTW, 990g/t AgEq over 1.70mTW, and 7,213g/t AgEq over 1.11mTW. Drill targeting remains focused along the southern extent of the vein, where the overall tilt of the system is interpreted to have preserved a greater degree of the epithermal profile (Figure 7).

We note that ongoing drilling along the corridor continues to intersect high-grade subparallel to oblique veins, further to the west of the Napoleon Vein. This includes the Josephine Vein and the recently discovered Cruz Negra Vein. Notable recent intercepts include 4,917g/t AgEq over 0.47mTW and 1,169g/t AgEq over 3.2mDH, respectively.

Emerging Corridors: We highlight both the Cordón del Oro and Animas as Corridors, further to the East (Figure 2), as follow-up areas focus for Vizsla. At Cordón del Oro, drilling to continues expand the San Antonio Vein, with notable recent intercepts of 992g/t AgEq over 6.40mTW and 671g/t AgEq over 2.00mTW. At Animas, drilling continues to further delineate the Rosarito Vein (652g/t AgEq over 4.71mTW), in addition to the recently discovered near perpendicular Cuevillas Vein (1,088g/t AgEq over 1.26mTW).

Canaccord Genuity is the global capital markets group of Canaccord Genuity Group Inc. (CF: TSX)

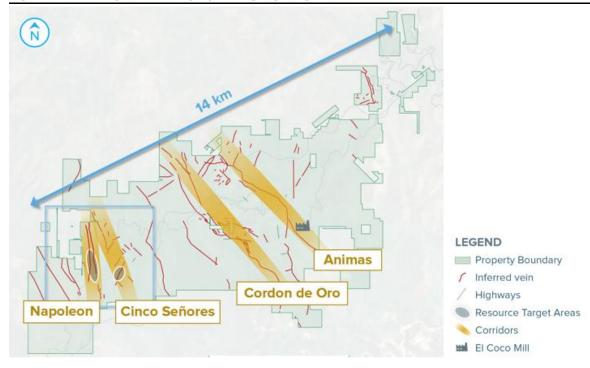
The recommendations and opinions expressed in this research report accurately reflect the research analyst's personal, independent and objective views about any and all the companies and securities that are the subject of this report discussed herein.



MEXICO Santa Lucia San Dimas **PANUCO PROJECT** PANUCO PROJECT Pánuco MEXICO Copala El Encinal Durango Concordia 350km Corral del Santo Mesillas Mazatlán Port of Mazatlán Villa Union Mazatlán X International Airport LEGEND PACIFIC OCEAN Pánuco Project Boundary / Highway Railway / Powerline

Figure 1: Panuco silver-gold project, located in Sinaloa, Mexico. Accessible via paved highway from Mazatlán (~80km)

Figure 2: Plan map of Panuco project, highlighting identified mineral corridors and broader scale inferred vein system





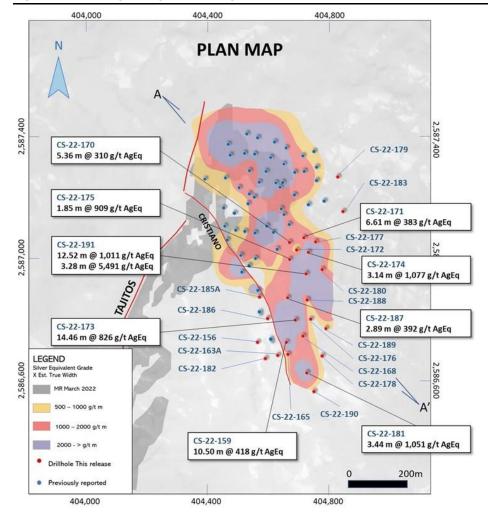


Figure 3: Plan map of Tajitos and Copala Veins, within Cinco Señores Corridor

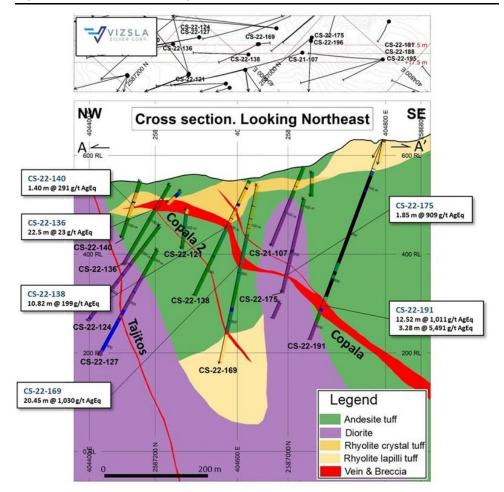


Figure 4: Cross section of Copala Vein



Figure 5: Assay results for reported Copala drill holes

				ortea e	•				
Drillhole	From	То	Downhole Length	Estimated True width	Ag	Au	AgEq	Vein	
	(m)	(m)	(m)	(m)	(g/t)	(g/t)	(g/t)		
CS-22-156	NO SIGNIFICANT VALUES								
CS-22-159	117.55	135.30	17.75	10.50	285	2.12	418	Copala Copala	
Includes	121.25	122.20	0.95	0.56	493	18.30	1,775	Сорин	
Includes	134.10	135.30	1.20	0.71	1,025	4.61	1,285		
CS-22-159	187.70	192.20	4.50	2.66	2,011	8.60	2,489	FW splay	
Includes	189.15	190.15	1.00	0.59	1,390	5.18	1,665	., .,	
Includes	190.15	191.65	1.50	0.89	4,950	21.50	6,151		
CS-22-163A	65.00	69.30	4.30	2.26	313	1.32	386	HW splay	
CS-22-163A	115.50	121.40	5.90	3.10	210	1.24	285	Copala	
CS-22-165	209.00	211.05	2.05	1.60	645	2.14	754		
CS-22-168	271.50	274.50	3.00	2.85	177	0.77	220	Copala	
CS-22-170	225.75	234.00	8.25	5.36	195	1.79	310	Copala	
Includes	229.50	230.40	0.90	0.59	341	10.20	1,051		
CS-22-171	297.30	304.90	7.60	6.61	344	0.88	383	Copala	
Includes	297.90	298.65	0.75	0.65	1,205	3.69	1,386		
Includes	298.65	299.70	1.05	0.91	1,010	1.99	1,082		
CS-22-172			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-173	256.15	270.90	14.75	14.46	663	2.90	826	Copala	
Includes	256.15	256.95	0.80	0.78	1,375	7.19	1,796		
Includes	256.95	257.90	0.95	0.93	1,501	5.49	1,791		
Includes	259.35	260.15	0.80	0.78	1,655	8.05	2,118		
Includes	268.10	269.50	1.40	1.37	1,505	5.93	1,826		
CS-22-174	312.90	316.20	3.30	3.14	907	3.24	1,077	Copala	
Includes	314.90	316.20	1.30	1.24	1,670	5.64	1,959		
CS-22-175	246.40	248.65	2.25	1.85	596	4.94	909	Copala	
Includes	247.00	247.85	0.85	0.70	598	8.09	1,138		
CS-22-176	326.20	328.65	2.45	1.49	97	1.56	203	Copala	
CS-22-177	340.05	344.90	4.85	3.59	123	2.01	259	Copala	
CS-22-178			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-179			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-180	388.70	393.00	4.30	3.01	186	0.40	202	Copala	
CS-22-181	233.50	235.50	2.00	1.70	165	0.52	191	HW splay	
CS-22-181	281.15	285.20	4.05	3.44	832	3.85	1,051	Copala	
Includes	281.15	281.95	0.80	0.68	1,725	11.00	2,396		
Includes	283.30	284.25	0.95	0.81	1,501	4.98	1,754		
CS-22-182			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-183			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-185A	91.70	97.20	5.50	5.01	199	1.27	277	Copala	
CS-22-185A	132.50	134.30	1.80	1.64	108	2.15	255	FW splay	
CS-22-186			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-187	144.60	148.00	3.40	2.89	270	1.96	392	Copala	
CS-22-188			NO SIG	NIFICANT VA	LUES			Copala	
CS-22-189	411.45	412.50	1.05	0.88	447	1.25	505	Copala	
CS-22-190				NIFICANT VA				Copala	
CS-22-191	340.55	342.20	1.65	1.39	133	0.48	158	Copala HW	
CS-22-191 CS-22-191	348.20	363.10	14.90	12.52	706	4.93	1,011	Copala	
Includes	359.60	361.10	1.50	1.26	3,880	27.70	5,602	Сорага	
Includes	361.10	362.60	1.50	1.26	1,245	8.24	1,751		
Includes	362.60	363.10	0.50	0.42	1,425	10.65	2,092		
CS-22-191	370.95	374.85	3.90	3.28	4,804	14.23	5,491	Copala FW	
Includes	370.95	372.45	1.50	1.26	11,053	33.50	12,690	30,000	
	5. 5.55	5.25	2.50	2.20	,000	23.55	,000		

Note: AgEq = Ag g/t x Ag rec. + (Au g/t x Au Rec x Au price/gram)/Ag price/gram. Metal price assumptions are \$20.70/oz silver and \$1,655/oz gold and metallurgical recoveries assumed are 93% for silver and 90% for gold. Gold and silver metallurgical recoveries used in this release were estimated for the Napoleon vein (see press release dated February 17, 2022).



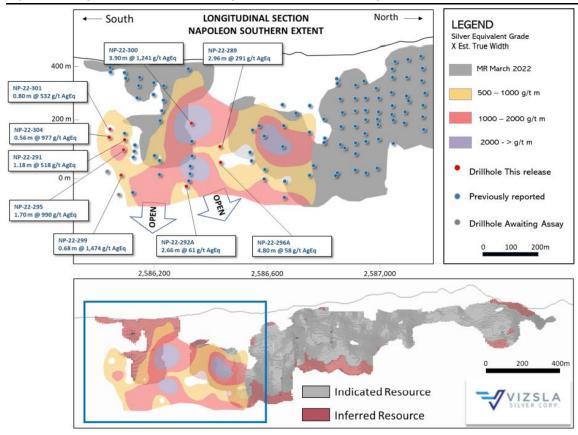


Figure 6: Long section of the main Napoleon Vein relative to Q1/22 resource

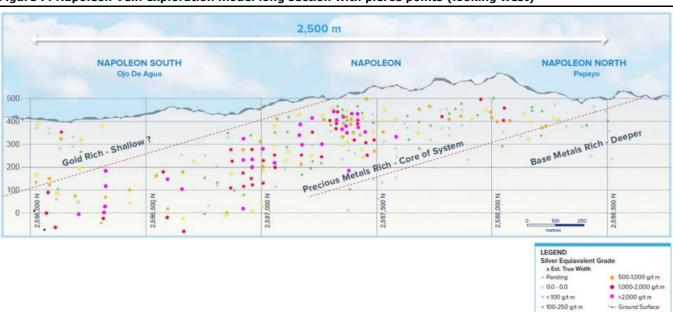


Figure 7: Napoleon Vein exploration model long section with pierce points (looking west)

Source: Company Reports

250-500 g/t m



Figure 8: Panuco project resource estimate (150g/t AgEq COG)

Tonnes			Av	erage Gra	Contained Metal						
Classification	Tonnes	Ag	Au	Pb	Zn	AgEq	Ag	Au	Pb	Zn	AgEq
	(Mt)	(g/t)	(g/t)	(%)	(%)	(g/t)	(koz)	(koz)	(kt)	(kt)	(koz)
Indicated:											
Napoleon	2.5	144	2.41	0.39	0.68	373	11,612	194.4	9.7	17.2	30,126
*Includes Gallinero	0.6	278	4.19	0.40	0.63	648	5,708	86.0	2.6	4.0	13,307
Josephine	0.2	194	2.16	0.29	0.71	402	1,440	16.0	0.7	1.6	2,983
Napoleon HW	0.4	131	1.17	0.19	0.49	249	1,585	14.2	0.7	1.8	3,007
NP Area Total	3.1	146	2.24	0.36	0.66	360	14,637	224.6	11.1	20.6	36,116
Tajitos	1.1	289	1.77	0.12	0.23	443	9,766	59.8	1.3	2.5	14,963
Copala	0.4	285	2.16	0.04	0.08	461	3,936	29.9	0.2	0.3	6,379
Tajitos HW3	0.2	251	1.65	0.09	0.23	395	1,770	11.6	0.2	0.5	2,777
TJ Area Total	1.7	283	1.85	0.09	0.19	441	15,472	101.3	1.6	3.3	24,120
Rosarito	0.1	75	1.13	0.19	0.54	191	281	4.3	0.2	0.6	719
San Antonio	0.0	128	1.01	0.01	0.02	210	111	0.9	0.0	0.0	183
Total Indicated	5.0	191	2.08	0.26	0.50	383	30,501	331.1	13.0	24.6	61,137
Inferred:											
Napoleon	0.9	91	2.29	0.23	0.50	300	2,750	69.3	2.2	4.7	9,066
Josephine	0.2	235	2.34	0.30	0.71	457	1,803	17.9	0.7	1.7	3,501
Napoleon HW	0.6	110	1.21	0.17	0.45	228	1,990	21.7	0.9	2.5	4,120
NP Area Total	1.7	117	1.95	0.22	0.51	298	6,543	108.9	3.9	8.9	16,687
Tajitos	0.6	234	1.40	0.12	0.25	359	4,409	26.4	0.7	1.5	6,761
Copala	1.4	259	1.89	0.03	0.07	414	11,651	84.8	0.4	1.0	18,593
Tajitos HW3	0.3	208	1.39	0.07	0.21	329	1,764	11.8	0.2	0.6	2,788
TJ Area Total	2.2	247	1.70	0.06	0.14	390	17,824	122.9	1.3	3.0	28,142
Rosarito	0.1	78	1.06	0.18	0.52	188	230	3.1	0.2	0.5	553
San Antonio	0.0	115	0.87	0.01	0.03	186	107	0.8	0.0	0.0	173
Total Inferred	4.1	187	1.79	0.13	0.30	345	24,704	235.8	5.3	12.4	45,555

Figure 9: Panuco project resource estimate cut-off grade sensitivity

Classification	Tonnes	Average Grade				Contained Metal					
COG AgEq	Tonnes	Ag	Au	Pb	Zn	AgEq	Ag	Au	Pb	Zn	AgEq
COG AgEq	(Mt)	(g/t)	(g/t)	(%)	(%)	(g/t)	(koz)	(koz)	(kt)	(kt)	(koz)
Indicated:											
>=300 ppm	2.2	305	3.28	0.27	0.49	594	22,068	237.2	6.1	11.0	42,927
>=250 ppm	2.8	273	2.94	0.27	0.49	535	24,232	260.4	7.5	13.6	47,394
>=200 ppm	3.7	232	2.50	0.27	0.49	458	27,253	294.2	9.8	18.0	53,848
>=150 ppm	5.0	191	2.08	0.26	0.50	383	30,501	331.1	13.0	24.6	61,137
>100 ppm	6.9	153	1.65	0.24	0.49	310	33,938	365.8	16.8	33.5	68,785
Inferred:											
>=300 ppm	1.7	296	2.78	0.13	0.30	533	16,464	154.6	2.3	5.2	29,661
>=250 ppm	2.1	272	2.54	0.13	0.30	490	18,142	169.1	2.7	6.2	32,661
>=200 ppm	3.0	226	2.13	0.13	0.29	411	21,473	202.2	3.8	8.7	39,036
>=150 ppm	4.1	187	1.79	0.13	0.30	345	24,704	235.8	5.3	12.4	45,555
>100 ppm	5.8	150	1.43	0.13	0.31	280	28,076	268.1	7.8	18.0	52,415



Appendix: Important Disclosures

Analyst Certification

Each authoring analyst of Canaccord Genuity whose name appears on the front page of this research hereby certifies that (i) the recommendations and opinions expressed in this research accurately reflect the authoring analyst's personal, independent and objective views about any and all of the designated investments or relevant issuers discussed herein that are within such authoring analyst's coverage universe and (ii) no part of the authoring analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the authoring analyst in the research, and (iii) to the best of the authoring analyst's knowledge, she/he is not in receipt of material non-public information about the issuer.

Analysts employed outside the US are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Sector Coverage

Individuals identified as "Sector Coverage" cover a subject company's industry in the identified jurisdiction, but are not authoring analysts of the report.

Investment Recommendation

Date and time of first dissemination: August 10, 2022, 11:18 ET

Date and time of production: August 10, 2022, 11:18 ET

Target Price / Valuation Methodology:

Vizsla Silver Corp. - VZLA

Our valuation of Vizsla is rooted in a \$552M NPV7% valuation of the Panuco project. Applying non-operating and balance sheet adjustments, in addition to a 1.1x P/NAV multiple, we derive a rounded target price of \$3.75/sh.

Risks to achieving Target Price / Valuation:

Vizsla Silver Corp. - VZLA

In addition to the usual risks to target prices associated with commodity pricing, exchange rates, and mineral exploration/development, we highlight the following:

- Exploration Risk There is no guarantee that future drilling at Panuco will be successful in delineating a resource comparable to that of our applied Base Case target resource. As such, there exists the potential that negative drill results in the near-to-medium term could significantly impact our valuation of Vizsla.
- <u>Financing Risk</u> As a pre-cash flow exploration company, Vizsla is reliant on the capital markets to remain a going concern. At present, the company has an estimated cash position of \$17M (June 28, 2022). We note that there is no guarantee that Vizsla will be able to access capital markets in the future, as the result of potential changes in market sentiment/pricing and/or concerns involving project feasibility. As such, there is no guarantee that Vizsla will be able to secure the required funds to advance the Panuco project, this including, but not limited to, debt/equity financing and/or a strategic investment.
- Metallurgy Initial metallurgical studies remain ongoing, as such, there exists the potential that actual recoveries may differ from that modeled. If materially different, such results could negatively impact our overall valuation of Vizsla.
- <u>Development Risk</u> In our valuation of Vizsla, we utilized several assumptions in our estimation of both the capital and operating costs for the Panuco project. The forecasted economics for this project have the potential to incur higher development costs/ overruns, procurement delays, permitting issues, and other associated factors that could adversely impact our valuation of Vizsla.
- Operational Risk Our forecasts are based upon technical data, guidance from the company and our own knowledge and experience with regard to the operation of individual mining projects. We note the potential for operational and financial performance to change rapidly due to weather-related issues, unexpected changes in mineralogy and in general unforeseen operational difficulties.
- <u>Permitting/Regulatory Risk</u> In any development project, there exists the risk that the project's development will be delayed during the permitting process. If material, such a delay could affect the timing of future cash flows and, by extension, the project valuation. In addition, we note that changes to the current tax/royalty regime, and/or environmental regulation, have the potential to negatively impact our overall valuation of Vizsla



Distribution of Ratings:

Global Stock Ratings (as of 08/10/22)

Rating	Coverag	IB Clients		
	#	%	%	
Buy	638	67.16%	35.11%	
Hold	133	14.00%	15.04%	
Sell	11	1.16%	18.18%	
Speculative Buy	161	16.95%	39.75%	
	950*	100.0%		

^{*}Total includes stocks that are Under Review

Canaccord Genuity Ratings System

BUY: The stock is expected to generate risk-adjusted returns of over 10% during the next 12 months.

HOLD: The stock is expected to generate risk-adjusted returns of 0-10% during the next 12 months.

SELL: The stock is expected to generate negative risk-adjusted returns during the next 12 months.

NOT RATED: Canaccord Genuity does not provide research coverage of the relevant issuer.

"Risk-adjusted return" refers to the expected return in relation to the amount of risk associated with the designated investment or the relevant issuer.

Risk Qualifier

SPECULATIVE: Stocks bear significantly higher risk that typically cannot be valued by normal fundamental criteria. Investments in the stock may result in material loss.

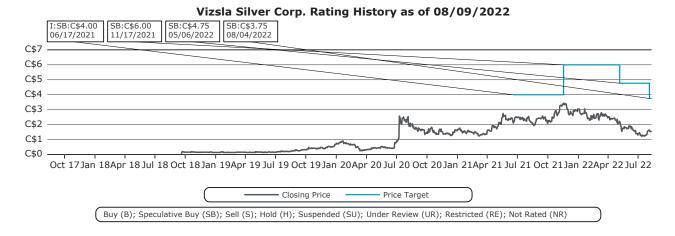
12-Month Recommendation History (as of date same as the Global Stock Ratings table)

A list of all the recommendations on any issuer under coverage that was disseminated during the preceding 12-month period may be obtained at the following website (provided as a hyperlink if this report is being read electronically) http://disclosures-mar.canaccordgenuity.com/EN/Pages/default.aspx

Required Company-Specific Disclosures (as of date of this publication)

Canaccord Genuity or one or more of its affiliated companies intend to seek or expect to receive compensation for Investment Banking services from Vizsla Silver Corp. in the next three months.

An analyst has visited the material operations of Vizsla Silver Corp.. Partial payment was received for the related travel costs.



Required Company-Specific Disclosures (as of date of this publication)

Past performance

In line with Article 44(4)(b), MiFID II Delegated Regulation, we disclose price performance for the preceding five years or the whole period for which the financial instrument has been offered or investment service provided where less than five years. Please note price history refers to actual past performance, and that past performance is not a reliable indicator of future price and/or performance.



Online Disclosures

Up-to-date disclosures may be obtained at the following website (provided as a hyperlink if this report is being read electronically) http://disclosures.canaccordgenuity.com/EN/Pages/default.aspx; or by sending a request to Canaccord Genuity Corp. Research, Attn: Disclosures, P.O. Box 10337 Pacific Centre, 2200-609 Granville Street, Vancouver, BC, Canada V7Y 1H2; or by sending a request by email to disclosures@cgf.com. The reader may also obtain a copy of Canaccord Genuity's policies and procedures regarding the dissemination of research by following the steps outlined above.

General Disclaimers

See "Required Company-Specific Disclosures" above for any of the following disclosures required as to companies referred to in this report: manager or co-manager roles; 1% or other ownership; compensation for certain services; types of client relationships; research analyst conflicts; managed/co-managed public offerings in prior periods; directorships; market making in equity securities and related derivatives. For reports identified above as compendium reports, the foregoing required company-specific disclosures can be found in a hyperlink located in the section labeled, "Compendium Reports." "Canaccord Genuity" is the business name used by certain wholly owned subsidiaries of Canaccord Genuity Group Inc., including Canaccord Genuity LLC, Canaccord Genuity Limited, Canaccord Genuity Corp., and Canaccord Genuity (Australia) Limited, an affiliated company that is 80%-owned by Canaccord Genuity Group Inc.

The authoring analysts who are responsible for the preparation of this research are employed by Canaccord Genuity Corp. a Canadian broker-dealer with principal offices located in Vancouver, Calgary, Toronto, Montreal, or Canaccord Genuity LLC, a US broker-dealer with principal offices located in New York, Boston, San Francisco and Houston, or Canaccord Genuity Limited., a UK broker-dealer with principal offices located in London (UK) and Dublin (Ireland), or Canaccord Genuity (Australia) Limited, an Australian broker-dealer with principal offices located in Sydney and Melbourne.

The authoring analysts who are responsible for the preparation of this research have received (or will receive) compensation based upon (among other factors) the Investment Banking revenues and general profits of Canaccord Genuity. However, such authoring analysts have not received, and will not receive, compensation that is directly based upon or linked to one or more specific Investment Banking activities, or to recommendations contained in the research.

Some regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of research. This research has been prepared in accordance with Canaccord Genuity's policy on managing conflicts of interest, and information barriers or firewalls have been used where appropriate. Canaccord Genuity's policy is available upon request.

The information contained in this research has been compiled by Canaccord Genuity from sources believed to be reliable, but (with the exception of the information about Canaccord Genuity) no representation or warranty, express or implied, is made by Canaccord Genuity, its affiliated companies or any other person as to its fairness, accuracy, completeness or correctness. Canaccord Genuity has not independently verified the facts, assumptions, and estimates contained herein. All estimates, opinions and other information contained in this research constitute Canaccord Genuity's judgement as of the date of this research, are subject to change without notice and are provided in good faith but without legal responsibility or liability.

From time to time, Canaccord Genuity salespeople, traders, and other professionals provide oral or written market commentary or trading strategies to our clients and our principal trading desk that reflect opinions that are contrary to the opinions expressed in this research. Canaccord Genuity's affiliates, principal trading desk, and investing businesses also from time to time make investment decisions that are inconsistent with the recommendations or views expressed in this research.

This research is provided for information purposes only and does not constitute an offer or solicitation to buy or sell any designated investments discussed herein in any jurisdiction where such offer or solicitation would be prohibited. As a result, the designated investments discussed in this research may not be eligible for sale in some jurisdictions. This research is not, and under no circumstances should be construed as, a solicitation to act as a securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. This material is prepared for general circulation to clients and does not have regard to the investment objectives, financial situation or particular needs of any particular person. Investors should obtain advice based on their own individual circumstances before making an investment decision. To the fullest extent permitted by law, none of Canaccord Genuity, its affiliated companies or any other person accepts any liability whatsoever for any direct or consequential loss arising from or relating to any use of the information contained in this research.

Research Distribution Policy

Canaccord Genuity research is posted on the Canaccord Genuity Research Portal and will be available simultaneously for access by all of Canaccord Genuity's customers who are entitled to receive the firm's research. In addition research may be distributed by the firm's sales and trading personnel via email, instant message or other electronic means. Customers entitled to receive research may also receive it via third party vendors. Until such time as research is made available to Canaccord Genuity's customers as described above, Authoring Analysts will not discuss the contents of their research with Sales and Trading or Investment Banking employees without prior compliance consent.

For further information about the proprietary model(s) associated with the covered issuer(s) in this research report, clients should contact their local sales representative.

Short-Term Trade Ideas

Research Analysts may, from time to time, discuss "short-term trade ideas" in research reports. A short-term trade idea offers a near-term view on how a security may trade, based on market and trading events or catalysts, and the resulting trading opportunity that may be available. Any such trading strategies are distinct from and do not affect the analysts' fundamental equity rating for



such stocks. A short-term trade idea may differ from the price targets and recommendations in our published research reports that reflect the research analyst's views of the longer-term (i.e. one-year or greater) prospects of the subject company, as a result of the differing time horizons, methodologies and/or other factors. It is possible, for example, that a subject company's common equity that is considered a long-term 'Hold' or 'Sell' might present a short-term buying opportunity as a result of temporary selling pressure in the market or for other reasons described in the research report; conversely, a subject company's stock rated a long-term 'Buy' or "Speculative Buy' could be considered susceptible to a downward price correction, or other factors may exist that lead the research analyst to suggest a sale over the short-term. Short-term trade ideas are not ratings, nor are they part of any ratings system, and the firm does not intend, and does not undertake any obligation, to maintain or update short-term trade ideas. Short-term trade ideas are not suitable for all investors and are not tailored to individual investor circumstances and objectives, and investors should make their own independent decisions regarding any securities or strategies discussed herein. Please contact your salesperson for more information regarding Canaccord Genuity's research.

For Canadian Residents:

This research has been approved by Canaccord Genuity Corp., which accepts sole responsibility for this research and its dissemination in Canada. Canaccord Genuity Corp. is registered and regulated by the Investment Industry Regulatory Organization of Canada (IIROC) and is a Member of the Canadian Investor Protection Fund. Canadian clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity Corp. in their particular province or territory.

For United States Persons:

Canaccord Genuity LLC, a US registered broker-dealer, accepts responsibility for this research and its dissemination in the United States. This research is intended for distribution in the United States only to certain US institutional investors. US clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity LLC. Analysts employed outside the US, as specifically indicated elsewhere in this report, are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

For United Kingdom and European Residents:

This research is distributed in the United Kingdom and elsewhere Europe, as third party research by Canaccord Genuity Limited, which is authorized and regulated by the Financial Conduct Authority. This research is for distribution only to persons who are Eligible Counterparties or Professional Clients only and is exempt from the general restrictions in section 21 of the Financial Services and Markets Act 2000 on the communication of invitations or inducements to engage in investment activity on the grounds that it is being distributed in the United Kingdom only to persons of a kind described in Article 19(5) (Investment Professionals) and 49(2) (High Net Worth companies, unincorporated associations etc) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended). It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. This material is not for distribution in the United Kingdom or elsewhere in Europe to retail clients, as defined under the rules of the Financial Conduct Authority.

For Jersey, Guernsey and Isle of Man Residents:

This research is sent to you by Canaccord Genuity Wealth (International) Limited (CGWI) for information purposes and is not to be construed as a solicitation or an offer to purchase or sell investments or related financial instruments. This research has been produced by an affiliate of CGWI for circulation to its institutional clients and also CGWI. Its contents have been approved by CGWI and we are providing it to you on the basis that we believe it to be of interest to you. This statement should be read in conjunction with your client agreement, CGWI's current terms of business and the other disclosures and disclaimers contained within this research. If you are in any doubt, you should consult your financial adviser.

CGWI is licensed and regulated by the Guernsey Financial Services Commission, the Jersey Financial Services Commission and the Isle of Man Financial Supervision Commission. CGWI is registered in Guernsey and is a wholly owned subsidiary of Canaccord Genuity Group Inc.

For Australian Residents:

This research is distributed in Australia by Canaccord Genuity (Australia) Limited ABN 19 075 071 466 holder of AFS Licence No 234666. To the extent that this research contains any advice, this is limited to general advice only. Recipients should take into account their own personal circumstances before making an investment decision. Clients wishing to effect any transactions in any financial products discussed in the research should do so through a qualified representative of Canaccord Genuity (Australia) Limited or its Wealth Management affiliated company, Canaccord Genuity Financial Limited ABN 69 008 896 311 holder of AFS Licence No 239052.

For Hong Kong Residents:

This research is distributed in Hong Kong by Canaccord Genuity (Hong Kong) Limited which is licensed by the Securities and Futures Commission. This research is only intended for persons who fall within the definition of professional investor as defined in the Securities and Futures Ordinance. It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. Recipients of this report can contact Canaccord Genuity (Hong Kong) Limited. (Contact Tel: +852 3919 2561) in respect of any matters arising from, or in connection with, this research.

Additional information is available on request.

Copyright © Canaccord Genuity Corp. 2022 - Member IIROC/Canadian Investor Protection Fund

Copyright © Canaccord Genuity Limited. 2022 - Member LSE, authorized and regulated by the Financial Conduct Authority.



Copyright © Canaccord Genuity LLC 2022 - Member FINRA/SIPC

Copyright © Canaccord Genuity (Australia) Limited. 2022 – Participant of ASX Group, Chi-x Australia and of the NSX. Authorized and regulated by ASIC.

All rights reserved. All material presented in this document, unless specifically indicated otherwise, is under copyright to Canaccord Genuity Corp., Canaccord Genuity Limited, Canaccord Genuity LLC or Canaccord Genuity Group Inc. None of the material, nor its content, nor any copy of it, may be altered in any way, or transmitted to or distributed to any other party, without the prior express written permission of the entities listed above.

None of the material, nor its content, nor any copy of it, may be altered in any way, reproduced, or distributed to any other party including by way of any form of social media, without the prior express written permission of the entities listed above.