

# Viva Gold Announces Final Assay Results from 2022 RC Drill Program and Provides Update on Status of Tonopah Gold Project, Nevada

**VANCOUVER, BC** – **January 17, 2022** – Viva Gold Corp. (**TSX-Venture: VAU; OTCQB: VAUCF**) (the "**Company**" or "**Viva**") is pleased to provide final assay results from its 2022 16-hole, 2,457-meter reverse circulation ("RC") drilling program at its 100%-owned Tonopah gold project ("Tonopah") and to provide an update on the status of work at the project. Fourteen of the 16 holes were previously released on November 28 and December 8, 2022 (click <u>here</u> to see previous news releases). Tonopah is located on the prolific Walker Lane mineral trend in western Nevada

## 2022 RC Program Highlights

- **TG2221** intercepted **1.5 meters ("m") at 3.0 grams per tonne gold ("g/t Au")** in a zone of lower grade at a depth of 155 m as a step-out to the west of the south pits and south of the main pit area, indicating the potential presence of a new high-grade zone and extension to the south pit trend.
- TG2219 intercepted 18.3 m grading 4.1 g/t Au starting at a depth of 73 m
- TG2218, encountered 1.5 m at 9.2 g/t Au at 30 m depth
- TG2217; 5.0 g/t Au over 18.2 m, including 4.6 m at 14.7 g/t Au starting at 76 m depth
- TG2214 hit a zone of 4.6 m averaging 21.4 g/t Au starting at a depth of 111 m
- TG2212 intercepted 21.3 m at 0.5 g/t Au, including 7.6 m at 1.3 g/t Au
- TG2211 intercepted a zone of 57.9 m at 5.0 g/t Au from 40 meters depth, including 11m at 24.0 g/t Au which included 3 m at 53.6 g/t Au
- TG 2010 intercepted three zones totaling 38 m at 0.8 g/t Au starting at 18m depth
- TG2209; 86.9 m at 1.3 g/t Au starting at 87m depth, including 3.0 m at 13.5 g/t Au, and 1.5 m at 9.2 g/t Au

"In 2022, we were able to significantly advance Viva's Tonopah Gold project towards feasibility. We discovered new areas of high-grade (+1.0 g/t Au) gold mineralization at shallow depths within the perimeter of the 2022 resource pit shell limits, and extended existing zones of high-grade mineralization both inside and outside the 2022 resource pit limits. This work demonstrated that the main deposit remains open in several north-south mineralized corridors along its 1.5 kilometers strike length. New discoveries in our recent drill program increased the width of mineralization up to 200 meters in some areas. Our work in 2022 substantially enhanced our understanding of the structural and lithologic controls of the deposit, which has allowed us to significantly improve our drill targeting success rate. Significant progress has also been made on optimizing gold recovery and we can now demonstrate a process route to increase gold recovery from our high-grade gold mineralization. Our baseline environmental study work is also well advanced and we believe that we have substantially de-risked the project for future development. In these programs we have already completed a number of critical steps required to complete feasibility study. Our plan for 2023 is to conduct additional drilling to follow-up on our successful 2022 drill programs, determine the limits of mineralization in the main pit area, and to rapidly move the project into feasibility study, " stated James Hesketh, President & CEO.

#### Update On Resource Modelling

- The resource model for the Tonopah deposit is presently being updated to include results from 22 drill holes completed in 2022. This information includes six core holes totaling 1,307 meters and 16 RC holes totaling 2,457 meters
- The resource model has been significantly improved by consolidating lithologic codes for the entire drillhole database and the inclusion of structural information captured from over 35 oriented core holes. These enhancements to the model were instrumental in helping to improve drill-hole targeting and resulted in a very successful RC drill program.
- Previous iterations of the Tonopah resource model only included gold assays. The database has now been improved with the addition of total gold and silver assays, as well as cyanide soluble gold and silver assays. The additional metal assays were extracted from assay sheets produced by Rio Algom, Kennecott, Newmont, Midway Gold and Viva. This additional assay data will help to quantify silver content in the deposit, as well as aid in quantifying potential recoverable gold and silver values in the deposit.
- Tonopah was flown by drone in 2022 to produce detailed topographic mapping of the project for use in resource modelling, feasibility study and permitting efforts.

### Update on Metallurgy

- Initial pulp agglomeration testwork was completed, which demonstrated a gold recovery of 91% from high-grade (+1.0 g/t Au) mineralization in the deposit. This increased gold recovery may be applicable to approximately 50% of gold resource at Tonopah. This process incorporates three-stage crushing for all gold mineralization mined including low-grade (+0.15 g/t Au to 1.0 g/t Au) mineralized material. High-grade goes through an extra grinding and tank leach step for initial gold recovery. Dewatered pulp from the tank leach, where up to 70% of the gold is recovered, is blended with low-grade crushed material and agglomerated with cement for final placement on the leach pad to complete the gold recovery process. Gold recovery for low-grade mineralized material is estimated from testwork to be approximately 70%.
- Additional crushing, tank leach, and column leach tests are underway to further confirm and validate these results.

#### Update on Baseline Environmental Studies

- Wildlife and plant studies were completed and submitted to the BLM for review. We believe that no material red-flag issues for the project were discovered in this work;
- Quarterly baseline water sampling and analysis have been consistently performed at the project over the last two years;
- Four quarters of baseline study have now been completed on water samples from natural seeps and springs within a 10-mile radius of the project;
- One water well and two upstream monitoring wells were drilled and completed and 5 wireline piezometers were installed in abandoned exploration drillholes on the property for use in aquifer sampling and modeling around the Tonopah deposit;
- In December 2022, a seven-day aquifer pump test was completed to test hydraulic flow rates in the valley floor alluvial formation over the deposit. Pump down tests were previously completed in the hard rock formations, below the alluvial cover. This information will be utilized in baseline hydraulic aquifer modelling.
- Geochemical studies of potential ore and waste materials is 80% to 90% complete. A total of 10 Humidity Cell Tests were initiated to test for release of acid and other deleterious elements and 8 of the 10 tests have been declared complete and released by the BLM. The two remaining tests are expected to be completed in early 2023. No unusual deleterious results have been seen.

#### **Other Work Completed**

- A total of six oriented core holes (TG2201 to TG2206) were completed and geotechnically logged and over 65 core samples from that program were submitted for strength testing. This information, combined with information from over 30 prior oriented core holes will allow the completion of geotechnical slope study to define working pit slope angles in feasibility study.
- A 40-acre lot of private surface over existing federal mineral claims at Tonopah was acquired. This lot has existing highway access, power and land-line phone service. It is currently being used for storage and will be useful for lay-down yards and the possible siting of warehouse, process, and office facilities.

Drill Results 2022 Reverse Circulation Drilling Program											
Hole	Azimuth	Dip	From	То	Length	Gold Grade	Silver Grade	Rock Type	Comment		
			Meter	Meter	Meter	Gram/Tonne	Gram/Tonne				
TG2222	335	-70			122						
			27	30	3.0	0.3	2.0	Tvl	East Main Pit		
			<b>62</b>	66	3.0	0.4	1.4	Tvl	North Side		
TG2221	20	-60			183						
			155	157	1.5	3.0	1.7	Ора	Step-out		
			<i>163</i>	165	1.5	0.5	1.7	Ора	West of South		
									Pit		
				Drout		nnounces 8	Docombor		ı		
	•••	4		Frev	-		December				
TG2219	-80	170			122						
			70	04	40.2		6.5	/ -	East Main Pit		
			73	91	18.3	4.1	6.5	Tvl/Opa	South from		
								Ора	TG2209 Collar		
TG2218	-65	200			117				Cantan		
			20	22	4 5		0.6		Center		
			30	32	1.5	9.2	8.6	Ора	South Pit		
702247		•			400				South-west		
TG2217	-90	0			122						
			47	52	4.0	0.5	2.4	0	Caratan		
			47	52	4.6	0.5	2.1	Ора	Center		
			76	94	18.2	5.0	4.4	Ора	South Pit		
	including	1	79	84	4.6	14.7	8.4	Ора	Vertical		
TC2214	60	225			152.0						
TG2214	-60	335			152.0						
			41	10	7.6	0.4	1 5	0	Couth Fut		
				49		0.4 21.4	1.5	Opa Opa	South Ext Central Main		
			111	116	4.6	21.4	13.1	Ора			
TC2242	00	100			153.0				Pit		
TG2212	-80	180			152.0						
			10	E A	21 2	0 5	<b>7</b> 2	<b>T</b> . J	North		
بيرين المرمان			43	64 56	21.3	0.5	2.3	Tvl	North		
including			<b>49</b>	56 70	7.6	1.3	2.7	Tvl Tvl	Central Main		
			69	72	3.0	0.3	2.5	Tvl	Pit		
TG2220	-70	360			165						
									North Ext		
			NSS						East Main Pit		

		Dr	ill Resu	ilts 202	22 Reve	rse Circulati	on Drilling P	rogram	
Hole	Azimuth	n Dip	From	То	Length	Gold Grade	Silver Grade	Rock Type	Comment
			Meter	Meter	Meter	Gram/Tonne	Gram/Tonne		
TG2216	-60	360			140.0				
									Step-Out
			NSS						East of Main Pit
TG2215	-70	25			213.0				North Side
			NSS						West Main Pit
			1455						Test N-W Ext
				P	revious	ly Announce	es 28 Nov		
TG2211	340	-65			152				
			40	98	57.9	5.0	13.1		
	including	-	40	50	10.7	0.8	7.2	Tvl	
	including	-	50	61	10.7	24.0	54.6	Tvl	South Side
wh	ich inclu	Jdes	53	56	3.0	53.3	87.9	Tvl	Center Main Pit
	including		61	98	36.6	0.7	2.7	Ора	
TG2210	335	-70			115				
192210	222	-70	18	34	115 13.7	0.8	3.4	Tvl	
			38	46	7.6	0.8	11.8	Tvl	North Side
			61	78	16.8	0.8	3.2	Tvl	Center Main Pit
TG 2209	25	-70			200				
			87	174	86.9	1.3	2.3	Tvl	
	including	9	105	108	3.0	13.5	6.7	Tvl	South Side
	including	-	126	128	1.5	9.2	1.9	Tvl	East Main Pit
including			160	165	4.6	2.7	4.3	Tvl	
TG2208	225	-60			200				
								_	200+ Meter
			NSS					Tvu	Step-Out to
								Tvl	East of Main Pit
TG2207	0	-90			185				
	v		32	49	16.8	0.2	6.5	Tvl	
			81	87	6.1	0.3	1.1	Tvl	East End
			96	101	4.6	0.4	0.8	Tvl	East Main Pit
		_							
TG2213	180	-65	<i>c</i> -		152		<u></u>		
			61	66	4.6	0.3	2.7	Tvl	North Step-out
								I	West Main pit Discovery Zone
									Discovery Zurie

Tvu = Upper Tertiary Volcanic Cutoff Grade: 0.25 Au Eq g/t

Tvl = Lower Tertiary Volcanic

Opa = Ordovician Palmetto Argillite

NSS = No significant sample



#### **Qualified Person**

James Hesketh, MMSA-QP, has approved the scientific and technical disclosure contained in this press release. Mr. Hesketh is not independent of the Company; he is an Officer and Director.

#### About Viva Gold Corp:

Viva Gold Corp's (TSX-V: VAU; OTCQB: VAUCF; Frankfurt :7PB) principal asset is its 100% ownership in the

Tonopah Gold Project (Tonopah), a large land position on the world class Walker Lane Mineral Trend in western Nevada, located about 30 minutes' drive southeast of the Kinross Round Mountain gold mine. The project is well advanced with a positive Preliminary Economic Assessment (PEA<sup>1</sup>) describing a potential open pit, heap leach gold recovery operation and a pit confined measured and indicated gold mineral resources containing 394,000 ounces at 0.78 grams/tonne and 206,000 ounces of Inferred resource at 0.87 grams/tonne. The Company has identified open extensions to mineralization and has developed a track record of steadily increasing the gold resource over the last four years. Viva is building market awareness as it advances Tonopah towards feasibility study and permitting and has made a significant commitment to ESG and de-risking the project through open community disclosure and near completion of a number of baseline environmental and technical studies.

Viva has a solid capital structure with 91.6 million shares outstanding and a strong management team and board who can claim both gold exploration and production experience. For additional information on Viva Gold and the Tonopah Gold Project, please visit our website: **www.vivagoldcorp.com**.

For further information please contact: James Hesketh, President & CEO (720) 291-1775 jhesketh@vivagoldcorp.com

Anne Hite, Director Investor Relations (303) 519-5149 <u>ahite@vivagoldcorp.com</u>

2022 PEA: NI43-101 Technical Report, Preliminary Economic Assessment of the Tonopah Project (amended April 12, 2022) authored by Gustavson Associates including Donald E. Hulse, P.E., SME-RM; Christopher Emanuel, SME-RM; Deepak Malhotra, Ph.D., SME-RM; and Edward Bryant, AIPG, CPG

#### **Forward-Looking Information:**

This news release contains certain information that may constitute forward-looking information or forward-looking statements under applicable Canadian securities legislation (collectively, "forwardlooking information"), including but not limited to drilling operations and estimates of gold mineral resource at the Tonopah Gold Project. This forward-looking information entails various risks and uncertainties that are based on current expectations, and actual results may differ materially from those contained in such information. These uncertainties and risks include, but are not limited to, the strength of the global economy, inflationary pressures, pandemics, and issues and delays related to permitting activities; the price of gold; operational, funding and liquidity risks; the potential for achieving targeted drill results, the degree to which mineral resource estimates are reflective of actual mineral resources; the degree to which factors which would make a mineral deposit commercially viable are present; the risks and hazards associated with drilling and mining operations; and the ability of Viva to fund its capital requirements. Risks and uncertainties about the Company's business are more fully discussed in the Company's disclosure materials filed with the securities regulatory authorities in Canada available at www.sedar.com. Readers are urged to read these materials. Viva assumes no obligation to update any forward-looking information or to update the reasons why actual results could differ from such information unless required by law.

**Cautionary Note to Investors** --- Investors are cautioned not to assume that any "measured mineral resources", "indicated mineral resources", or "inferred mineral resources" that the Company reports in this news release are or will be economically or legally mineable. United States investors are cautioned that while the SEC now recognizes "measured mineral resources", "indicated mineral resources" and "inferred mineral resources", investors should not assume that any part or all of the mineral deposits in these categories will ever be converted into a higher category of mineral resources or into mineral

reserves. These terms have a great amount of uncertainty as to their economic and legal feasibility. Under Canadian regulations, estimates of inferred mineral resources may not form the basis of feasibility or prefeasibility studies, except in limited circumstances. Further, "inferred mineral resources" have a great amount of uncertainty as to their existence and as to their economic and legal feasibility. It cannot be assumed that any part or all of an inferred mineral resource will ever be upgraded to a higher category. The mineral reserve and mineral resource data set out in this news release are estimates, and no assurance can be given that the anticipated tonnages and grades will be achieved or that the indicated level of recovery will be realized.

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.