A.I.-Assisted Infill Drilling Intersects 2.61 g/t Au over 13.65 m at STLLR Gold's Tower Gold Project

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Toronto, June 4, 2025 - STLLR Gold Inc. (TSX: STLR) (OTCQX: STLRF) (FSE: O9D) ("STLLR" or the "Company") is pleased to announce the remaining infill drilling results using artificial intelligence technology ("AI") at the Company's Tower Gold Project ("Tower") in the Timmins Mining Camp in Ontario, Canada.

Table 1: 2025 Tower Infill Drilling Highlights - 903 and 55 Zone Deposits (For more information see Tables 2 & 3 and Figures 1-5):

Zone	Hole ID	Assay Result
903	MGA25-237	2.61 g/t Au over 13.65 m (10.39 m TT) including 3.42 g/t Au over 2.80 m (2.13 m TT) including 5.30 g/t Au over 3.90 m (2.97 m TT)
903	MGA25-240	1.42 g/t Au over 11.15 m (7.27 m TT) Including 2.77 g/t Au over 2.30 m (1.50 m TT) and 1.33 g/t Au over 17.00 m (11.10 m TT) Including 1.85 g/t Au over 9.50 m (6.20 m TT)
903	MGA25-239	1.67 g/t Au over 10.85 m (7.75 m TT) Including 2.36 g/t Au over 4.50 m (3.21 m TT)
55	MGA25-542	2.18 g/t Au over 8.00 m (7.22 m TT) including 4.33 g/t Au over 3.40 m (3.07 m TT)

Grams per tonne gold ("g/t Au"); Metres ("m"); True thickness ("TT")

Keyvan Salehi, P.Eng., MBA, President, CEO, and Director of STLLR, commented:

"Our infill drilling program continues to validate the enhanced block model introduced in the Tower 2025 MRE[1]. The latest results reaffirm near-surface mineralization with strong potential for resource conversion to higher-confidence categories. Notably, several holes intersected grades above the average open pit grade defined in the 2025 MRE, underscoring the upside potential within existing pit shells.

In parallel, we have completed a series of technical drill holes to support our advancing Pre-Feasibility Study work programs. This includes eight geotechnical holes across the broader Tower deposit areas to inform slope design, overburden characterization, and overall geotechnical modelling, as well as three metallurgical holes in the Golden Highway area to support ongoing process optimization and recovery modelling. These efforts are foundational to de-risking the Project and refining our conceptual mine plan.

In addition to today's positive results from the 903 and 55 Zone deposits, we also look forward to reporting on assay results from the Hollinger Tailings Project characterization program in the near future."

903 Zone and 55 Zone Infill Drilling

The 903 Deposit, part of the Garrison Area at Tower, features gold mineralization linked to quartz veining within syenites hosted in highly deformed, carbonatized ultramafic volcanics of the Kidd-Munro assemblage. It lies along the Destor-Porcupine Fault Zone ("DPFZ"), with meta-sediments of the Porcupine assemblage located to the north.

The 55 Zone Deposit, located on the western end of the Golden Highway Area at Tower, is characterized by higher-grade, open-pit mineralization that remains open along strike to the southwest. Mineralization at the

55 Zone Deposit is associated with the Timiskaming age clastic sediment hosted stacked quartz veins located immediately south of the regional Banded Iron Formation and the DPFZ.

Using AI to optimize drill meterage and mineral resource conversion, STLLR's infill program intersected near-surface mineralization with grades higher than the current 903 and 55 Zone Deposits 2025 MRE open-pit mineralization[1], potentially enhancing confidence in the targeted areas. See Figures 1 to 5 for 903 and 55 Zone Deposit drilling highlights, in plan and section views.

Figure 1: Tower Gold Project - Drill Location Map[1]

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4852/254405_b5d66b3104bedb42_001full.jpg

Figure 2: 903 Deposit - Infill Drilling Results Map[1]

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4852/254405_b5d66b3104bedb42_002full.jpg

Figure 3: 55 Zone Deposit - Infill Drilling Results Map[1]

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4852/254405_b5d66b3104bedb42_003full.jpg

Figure 4: 55 Zone Deposit - Infill Drilling Cross Section "W-E" Looking North[1]

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4852/254405_b5d66b3104bedb42_004full.jpg

Figure 5: 903 Deposit - Infill Drilling Cross Section "A-B" Looking Northeast[1]

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4852/254405_b5d66b3104bedb42_005full.jpg

Table 2: Exploration Drilling Intercepts*

Target	Hole ID	From (m)	To (m)	Interval (m)	True Thickness (m)	Grade (g/t Au)	Metal Factor (g/t Au x m)
903	MGA25-234	134.20	148.90	14.70	10.54	0.44	6.45
903	and	151.40	155.70	4.30	3.09	0.57	2.44
903	and	168.90	170.75	1.85	1.33	0.76	1.41
903	MGA25-235	54.00	67.00	13.00	10.09	0.56	7.29
903	and	77.00	86.00	9.00	7.01	0.34	3.06
903	MGA25-236	125.00	141.00	16.00	10.74	0.86	13.78
903	including	125.00	126.00	1.00	0.67	3.87	3.87
903	and	145.10	154.00	8.90	5.97	0.45	4.02
903	and	168.55	179.30	10.75	7.28	0.32	3.43
903	and	207.35	219.00	11.65	7.96	0.40	4.68
903	and	252.00	259.00	7.00	4.81	0.49	3.45
903	MGA25-237	212.70	226.35	13.65	10.39	2.61	35.62
903	including	214.00	216.80	2.80	2.13	3.42	9.57
903	including	222.45	226.35	3.90	2.97	5.30	20.65

Target	Hole ID	From (m)	To (m)	Interval (m)	True Thickness (m)	Grade (g/t Au)	Metal Factor (g/t Au x m)
903	and	231.00	241.00	10.00	7.59	1.15	11.46
903	and	251.50	260.40	8.90	6.74	0.36	3.25
903	and	294.90	299.50	4.60	3.48	0.41	1.90
903	and	314.00	316.00	2.00	1.51	0.75	1.51
903	MGA25-238	74.50	81.00	6.50	5.29	0.58	3.80
903	and	85.50	88.50	3.00	2.44	0.96	2.87
903	and	120.00	121.60	1.60	1.31	0.63	1.00
903	MGA25-239	72.35	83.20	10.85	7.75	1.67	18.12
903	including	76.50	81.00	4.50	3.21	2.36	10.63
903	and	102.75	109.00	6.25	4.49	0.38	2.36
903	MGA25-240	103.00	111.00	8.00	5.34	0.64	5.09
903	and	195.00	206.15	11.15	7.27	1.42	15.83
903	including	196.90	199.20	2.30	1.50	2.77	6.37
903	and	213.50	221.50	8.00	5.22	0.33	2.65
903	and	223.00	228.50	5.50	3.59	0.43	2.34
903	including	227.50	228.50	1.00	0.65	1.02	1.02
903	and	231.00	248.00	17.00	11.10	1.33	22.55
903	including	238.50	248.00	9.50	6.20	1.85	17.58
903	MGA25-242	20.60	29.50	8.90	6.46	0.42	3.78
903	and	50.50	56.50	6.00	4.35	0.74	4.43
903	and	57.50	70.00	12.50	9.07	0.66	8.25
903	and	77.00	81.90	4.90	3.55	3.28	16.06
903	including	80.50	81.90	1.40	1.02	9.83	13.76
JonPol	MGA25-247	275.25	278.00	2.75	2.10	0.42	1.17
JonPol	and	291.00	302.00	11.00	8.44	0.69	7.55
JonPol	including	297.50	300.50	3.00	2.30	1.88	5.64
JonPol	and	358.40	363.00	4.60	3.57	0.31	1.41
55	MGH25-542	52.00	54.00	2.00	1.84	0.80	1.61
55	and	58.00	62.00	4.00	3.66	1.22	4.88
55	and	104.00	106.00	2.00	1.81	1.44	2.87
55	and	121.50	129.50	8.00	7.22	2.18	17.47
55	including	126.10	129.50	3.40	3.07	4.33	14.72
55	and	153.00	155.00	2.00	1.79	1.02	2.03
55	and	188.00	190.00	2.00	1.77	1.94	3.88

*Note: All intercepts are calculated using a 0.30 g/t Au cut-off, a maximum of 5 m internal dilution and 25 g/t Au cap applied.

Table 3: Exploration Drill Hole Details

Zone	Hole Number	Easting	Northing	Elev.	Azi.	Incl.	Depth (m)	Type
903	MGA25-234	577693.03	[illegible]	[illegible]	[illegible]	[illegible]	306.00	Infill
903	MGA25-235	577395.26	[illegible]	[illegible]	[illegible]	[illegible]	102.00	Infill
903	MGA25-236	577696.04	[illegible]	[illegible]	[illegible]	[illegible]	297.35	Infill
903	MGA25-237	577543.79	[illegible]	[illegible]	[illegible]	[illegible]	345.00	Infill
903	MGA25-238	577495.62	[illegible]	[illegible]	[illegible]	[illegible]	165.00	Infill
903	MGA25-239	577500.78	[illegible]	[illegible]	[illegible]	[illegible]	225.65	Infill
903	MGA25-240	577663.96	[illegible]	[illegible]	[illegible]	[illegible]	372.00	Infill
903	MGA25-241	577551.70	[illegible]	[illegible]	[illegible]	[illegible]	149.80	Geotech
903	MGA25-242	576998.76	[illegible]	[illegible]	[illegible]	[illegible]	90.00	Infill
903	MGA25-243	577256.40	[illegible]	[illegible]	[illegible]	[illegible]	194.80	Geotech
Marcon	MGA25-244	578723.70	[illegible]	[illegible]	[illegible]	[illegible]	270.00	Geotech
Jonpol	MGA25-245	578006.00	[illegible]	[illegible]	[illegible]	[illegible]	125.70	Geotech
Jonpol	MGA25-246	578005.60	[illegible]	[illegible]	[illegible]	[illegible]	135.00	Geotech
JonPol	MGA25-247	578052.72	[illegible]	[illegible]	[illegible]	[illegible]	402.00	Infill
Southwest	MGH25-537	570976.39	[illegible]	[illegible]	[illegible]	[illegible]	168.00	MET
Southwest	MGH25-538	571047.98	[illegible]	[illegible]	[illegible]	[illegible]	120.00	MET
Southwest	MGH25-539	571210.68	[illegible]	[illegible]	[illegible]	[illegible]	149.55	Geotech

55 MGH25-540	569289.97	[illegible]	239.80	Geotech
55 MGH25-541	569231.06	[illegible]	75.00	MET
55 MGH25-542	569255.61	[illegible]	210.00	Infill
Windjammer MGH25-543	572235.62	[illegible]	440.90	Geotech

Quality Control Procedures

NQ drill core is oriented and cut with half sent to ALS Laboratories Inc. (ALS) for drying and crushing to -2 mm, with a 1.00 kg split pulverized to -75 µm (200#). ALS is an ISO 17025 accredited laboratory. A 50 g charge is Fire Assayed and analyzed using an AAS finish for Gold. Samples above 10.00 g/t Au are analyzed by Fire Assay with a gravimetric finish and selected samples with visible gold or high-grade mineralization are assayed by Metallic Screen Fire Assay on a 1.00 kg sample. STLLR inserts independent certified reference material and blanks with the samples and assays routine pulp repeats, as well as completing routine third-party check assays at Bureau Veritas Commodities Canada Ltd.

True widths were calculated in Leapfrog Geo, perpendicular to the interpreted plane of mineralization using the dip and dip azimuth of the mineralized zones.

Qualified Person

John McBride, MSc., P.Geo., Vice President of Exploration for STLLR, who is the "Qualified Person" as defined by NI 43-101 for this project, has reviewed and approved of the technical disclosure contained in this news release.

About STLLR Gold

STLLR Gold Inc. (TSX: STLR) (OTCQX: STLRF) (FSE: O9D) is a Canadian gold development company actively advancing two cornerstone gold projects in Canada: The Tower Gold Project in the Timmins Mining Camp in Ontario and the Colomac Gold Project located north of Yellowknife, Northwest Territories. Each of these two projects has the potential for a long-life and large-scale operation and are surrounded by exploration land with favourable upside potential. STLLR's experienced management team, with a track record of successfully advancing projects and operating mines, is working towards rapidly advancing these projects.

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Cautionary Statement Regarding Forward-Looking Information

This news release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. Forward-looking information includes, but is not limited to the confirmation of mineralization and the potential conversion of the Tower 2025 MRE to higher confidence categories, the potential expansion of the known mineralization, the timing of the results from the Hollinger Tailings Project, the long-life and large-scale potential of the Tower and Colomac Gold Projects and exploration upside of the land packages. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "accelerate", "add" or "additional", "advancing", "anticipates" or "does not anticipate", "appears", "believes", "can be", "conceptual", "confidence", "continue", "convert" or "conversion", "deliver", "demonstrating", "estimates", "encouraging", "expand" or "expanding" or "expansion", "expect" or "expectations", "fast-track", "forecasts", "forward", "goal", "improves", "increase", "intends", "justification", "leading", "plans", "potential" or "potentially", "pro-forma", "promise", "prospective", "prioritize", "reflects", "re-rating", "robust", "scheduled", "stronger", "suggesting" or "suggests", "support", "updating", "upside", "will be" or "will consider", "work towards", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might", or "will be taken", "occur", or "be achieved".

Forward-looking information is based on the opinions and estimates of management at the date the information is made, and is based on a number of assumptions and is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or

achievements of STLLR to be materially different from those expressed or implied by such forward-looking information, including risks associated with required regulatory approvals, the exploration, development and mining such as economic factors as they effect exploration, future commodity prices, changes in foreign exchange and interest rates, actual results of current exploration activities, government regulation, political or economic developments, the ongoing wars and their effect on supply chains, environmental risks, pandemic risks, permitting timelines, capex, operating or technical difficulties in connection with development activities, employee relations, the speculative nature of gold exploration and development, including the risks of diminishing quantities of grades of reserves, contests over title to properties, and changes in project parameters as plans continue to be refined as well as those risk factors discussed in the Company's Annual Information Form for the year ended December 31, 2024, available on www.sedarplus.ca. Although STLLR has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. STLLR does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

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[1] For more information on the Tower Mineral Resource Estimate ("2025 MRE") and Preliminary Economic Assessment ("2025 PEA"), please review the May 15, 2025 STLLR news release on SEDAR+ www.sedarplus.ca or the Company website at www.stllrgold.com. An NI 43-101 Technical Report will be filed for the 2025 MRE and 2025 PEA on or before June 30, 2025.

To view the source version of this press release, please visit https://www.newsfilecorp.com/release/254405