

Sun Summit Announces the Completion of its 2025 Exploration Program at the JD Project, Toodoggone Mining District; Assay Results Pending

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Vancouver, October 14, 2025 - [Sun Summit Minerals Corp.](#) (TSXV: SMN) (OTCQB: SMREF) ("Sun Summit" or the "Company") is pleased to announce the 2025 exploration program has now been completed at the JD Project, Toodoggone Mining District, north-central British Columbia.

Highlights:

- Extensive drill program completed: 21 drill holes were completed for a total of 6,864 meters. Drilling in 2025 represented a 37% increase in the overall meterage from the original planned 5,000 meters. Highlights include:
 - Fifteen holes for 5,103 meters were drilled at the epithermal Au-Ag Creek Zone. Results from the first hole, CZ-25-007, demonstrated strong potential for near surface high-grade and bulk-tonnage style gold mineralization (78.0 meters of 3.72 g/t gold from 30.0 meters downhole, see news release September 8, 2025 entitled "Sun Summit Drills 78.0 Meters of 3.72 g/t Gold Including 19.1 Meters of 7.50 g/t Gold at the JD Project, Toodoggone District, B.C."). Logging and sampling of the drill core from the three final CZ-25-007 follow-up holes remains ongoing.
 - Four holes for 950 meters were drilled at the epithermal Au-Ag near-surface, shallow Finn Zone. Holes were designed to follow-up historic drill results and explore at depth (e.g., 35.7 meters of 7.26 g/t gold with 94 g/t silver, JD95-0472).
 - Two holes for 811 meters were drilled at the Belle South Cu-Au porphyry target located at the southern end of ~12 km long JD Porphyry Trend, which aligns with the significant McClair Creek alteration zone.
- Results are pending for the remaining 20 drill holes including 14 holes from the Creek Zone, four holes from the Finn Zone and two holes from the Belle South porphyry target. The 2025 exploration program was completed on target date and within budget even while adding a second drill later in the season.
- Comprehensive surface sampling and geological mapping: The field program included the collection of over 1,500 soil samples and over 120 rock samples across numerous target areas. Detailed geological mapping along McClair Creek and across the greater JD Project was completed with the aim of defining the structural and stratigraphic setting of the epithermal gold-silver systems as well as potentially related porphyry copper-gold systems.
- Extensive geophysical surveying: Induced polarization (IP) surveys across the JD Porphyry trend consisted of over 35 line kilometers which defined a broad 8.5 km long chargeability-high anomaly which significantly enhances the project's prospectivity for porphyry-related copper and gold systems. A further 23 line kilometers of IP surveying was also completed across the significant Finn to Creek corridor aimed at defining additional epithermal-related gold-silver targets. Total IP survey coverage in 2025 was over 58 line kilometers.

"We are extremely proud to have successfully completed our second ever exploration program at the JD Project, since we acquired the property in February 2024. The 2025 program was more than twice as large as the inaugural program in 2024. All told, we have completed a significant drill program comprising 9,400 meters of drilling over 33 drill holes since 2024 and, with the success of Hole CR-25-007, we are continuing to build on the impressive results from our 2024 drill program at the Creek Zone," said Niel Marotta, CEO of Sun Summit Minerals. "Additionally, we were able to add a second drill rig late in the season to ramp up our work program in order to be able to complete drilling at the Finn Zone and to conduct our first-ever drill test at the Belle South porphyry copper-gold target. It is a testament to talent and hard work of our geological planning and field execution teams that we were able to execute a large, complex program on time and on budget with no downtime or weather-related delays. We hit the ground running in early June 2025 and shut the last drill hole down on October 6, 2025 for a total of greater than 1,670 person-days spread across four months with 10 key contractors".

Summary and Next Steps

Core samples from all recently completed drill holes have been sent to the lab for assay and geochemical analyses and will be reported once received and reviewed. Assay results will provide important vectors for follow-up drill planning and targeting for 2026 which is well underway. Geochemical results and associated inverted chargeability and resistivity models from the IP surveys, together with results from the recently completed mapping, prospecting and geochemical surveys, will inform drill targeting elsewhere on the property.

Table 1: 2025 Drill Hole Collars

Hole ID	Zone	Easting	Northing	Elevation	Azimuth	Dip	Depth (m)
JD-25-013	Belle South	614642	6363128	1295	225	-65	485
JD-25-014	Belle South	614550	6363450	1307	45	-80	326
CZ-25-007*	Creek	608277	6368391	1508	255	-45	341
CZ-25-008	Creek	608279	6368388	1507	217	-45	243
CZ-25-009	Creek	608472	6368271	1575	240	-55	296
CZ-25-010	Creek	608473	6368270	1575	225	-50	251
CZ-25-011	Creek	608539	6368200	1594	225	-45	263
CZ-25-012	Creek	608541	6368200	1594	200	-55	341
CZ-25-013	Creek	608355	6368345	1534	200	-50	377
CZ-25-014	Creek	608353	6368346	1533	225	-53	317
CZ-25-015	Creek	608662	6368133	1629	230	-45	320
CZ-25-016	Creek	608663	6368133	1630	230	-65	455
CZ-25-017	Creek	608769	6368089	1646	230	-50	503
CZ-25-018	Creek	608269	6368487	1508	225	-45	310
CZ-25-019	Creek	608269	6368487	1508	200	-52	373
CZ-25-020	Creek	608269	6368487	1508	225	-65	363
CZ-25-021	Creek	608281	6368395	1511	230	-68	350
FZ-25-001	Finn	611231	6367672	1792	160	-60	215
FZ-25-002	Finn	611229	6367673	1793	200	-48	215
FZ-25-003	Finn	611247	6367800	1782	188	-50	269
FZ-25-004	Finn	611247	6367800	1782	188	-80	251

*Results announced by Sun Summit on September 8th, 2025 in news release entitled "Sun Summit Drills 78.0 Meters of 3.72 g/t Gold Including 19.1 Meters of 7.50 g/t Gold at the JD Project, Tooodoggone District, B.C."

Figure 1. Oblique view through the Creek Zone drill holes showing downhole assays for all drill holes including CZ-25-007 and holes with pending results. Selected highlights from the 2024 drill program at the Creek Zone are also shown (see news releases of Sun Summit dated (i) October 2, 2024 and entitled "Sun Summit Drills 122.5 m of 2.1 g/t Gold Including 20.0 m of 10.0 g/t Gold at the Creek Zone, JD Project, Tooodoggone District, B.C.", and (ii) October 16, 2024 and entitled "Sun Summit drills 57.95 m of 2.69 g/t gold including 19.50 m of 7.31 g/t gold at the Creek Zone, JD Project, Tooodoggone District, B.C."). See references 1 and 2 for sources of historical drill data.

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Figure 2. Map of JD Project showing the locations of all 2025 drill collars and the locations of all historic drill collars. Targets circled in red (Creek, Finn, and Belle South) were the focus of 2025 drilling. The targets with grey stars were advanced in 2025 through programs consisting of varying proportions of mapping, geochemistry, and geophysics.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/6142/269752_103fa498a424f913_002full.jpg

Figure 3. Map of the Tooodoggone District showing the location of the JD Project in relation to other

development and exploration projects. Data sourced from Thesis, TDG and Centerra's corporate websites. The QP has been unable to verify the information and that the information is not necessarily indicative to the mineralization on the property that is the subject of the disclosure.

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National Instrument 43-101 Disclosure

This news release has been reviewed and approved by Sun Summit's Vice President Exploration, Ken MacDonald, P. Geo., a "Qualified Person" as defined in National Instrument 43-101 Standards of Disclosure for Mineral Projects of the Canadian Securities Administrators. Some technical information contained in this release is historical in nature and has been compiled from public sources believed to be accurate. The historical technical information has not been verified by Sun Summit and may in some instances be unverifiable dependent on the existence of historical drill core and grab samples.

Community Engagement

Sun Summit is engaging with First Nations on whose territory our projects are located and is discussing their interests and identifying contract and work opportunities, as well as opportunities to support community initiatives. The Company looks forward to continuing to work with local and regional First Nations with ongoing exploration.

About the JD Project

The JD Project is located in the Toodoggone mining district in north-central British Columbia, a highly prospective deposit-rich mineral trend. The project covers an area of over 15,000 hectares and is in close proximity to active exploration and development projects, such as Thesis Gold's Lawyers and Ranch projects, TDG Gold's Baker-Shasta projects, Amarc Resource's AuRORA project, Centerra's Gold's Kemess East and Underground projects, as well as the past-producing Kemess open pit copper-gold mine.

The project is 450 kilometres northwest of the city of Prince George, and 25 kilometres north of the Sturdee airstrip. It is proximal to existing infrastructure in place to support the past-producing Kemess mine, including roads and a hydroelectric power line.

The JD Project is in a favourable geological environment characterized by both high-grade epithermal gold and silver mineralization, as well as porphyry-related copper and gold mineralization. Some historical exploration, including drilling, geochemistry and geophysics, has been carried out on the property, however the project area is largely underexplored.

About Sun Summit

Sun Summit Minerals (TSXV: SMN) (OTCQB: SMREF) is a mineral exploration company focused on the discovery, expansion and advancement of district scale gold and copper assets in British Columbia. The Company's diverse portfolio includes the JD and Theory projects in the Toodoggone region of north-central B.C., and the Buck Project in central B.C.

Further details are available at www.sunsummitminerals.com.

References

1. Hawkins, P.A. (1998), 1997 Exploration Report on the Creek Zone for Antares Mining and Exploration Corporation and AGC Americas Gold Corporation, JD Property, Toodoggone River Area, Omineca Mining Division, Internal Report #98-065-1.

2. Davis, J.W., and Jamieson, M.D. (1998), Drilling and Geophysical Report on the M.H. Mineral Claim Group, Toodoggone District, Assessment Report Indexing System, Report 25757, <https://apps.nrs.gov.bc.ca/pub/aris>.

Link to Figures

Figure 1:

https://wp-sunsummitminerals-2024.s3.ca-central-1.amazonaws.com/media/2025/09/SMN_JD_CZ007_20250903_Map

Figure 2:

https://wp-sunsummitminerals-2024.s3.ca-central-1.amazonaws.com/media/2025/10/Figure_2_JD_Collars_20251009

Figure 3:

https://wp-sunsummitminerals-2024.s3.ca-central-1.amazonaws.com/media/2025/09/SMN_JD_CZ007_20250903_V4

On behalf of the board of directors

Niel Marotta
Chief Executive Officer & Director
info@sunsummitminerals.com

For further information, contact:

Matthew Benedetto, Simone Capital
mbenedetto@simonecapital.ca
Tel. 416-817-1226

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Statements contained in this news release that are not historical in nature may be "forward-looking information" within the meaning of applicable Canadian securities legislation ("forward-looking statements"), which involve risks, uncertainties and other factors that could cause actual results to differ materially from those expressed or implied by such forward-looking statements. These forward-looking statements, by their nature, require Sun Summit to make certain assumptions and necessarily involve known and unknown risks and uncertainties that could cause actual results to differ materially from those expressed or implied in these forward-looking statements. Forward-looking statements are not guarantees of performance. Words such as "may", "will", "would", "could", "expect", "believe", "plan", "anticipate", "intend", "estimate", "continue", "objective", "strategy", or the negative or comparable terminology, as well as terms usually used in the future and the conditional, are intended to identify forward-looking statements. Information contained in forward-looking statements is based upon certain material assumptions that were applied in drawing a conclusion or making a forecast or projection, including the assumptions, qualifications, limitations or statements relating to the pending results of the drill holes, the success of the exploration program, the impressive results of the drill campaign, the ability of exploration activities (including drilling) to accurately predict mineralization, future drill programs and high-priority targets, our timing and ability to receive assay results, the reliability of historical information that cannot be independently verified by Sun Summit, interests in the JD Project, errors in geological modelling, and the adjacent properties having any significance to the projects in which Sun Summit has an interest. There is significant risk that the forward-looking statements will not prove to be accurate, that the management's assumptions may not be correct and that actual results may differ materially from such forward-looking statements. These forward-looking statements are based on a number of assumptions which may prove to be incorrect which, without limiting the generality of the following, include: the Company's ability to obtain assay results for the completed drill program; the anticipated results varying from current indications, including the already released drill results; risks inherent in exploration activities; volatility and sensitivity to market prices; volatility and sensitivity to capital market fluctuations; and fluctuations in metal prices. Accordingly, readers should not place undue reliance on the forward-looking statements. The forward-looking statements contained in this news release are made as of the date hereof or the dates specifically referenced in this news release, where applicable. Except as required by applicable securities laws and regulation, Sun Summit disclaims any intention or obligation to update or revise any forward-looking statement, whether as a result of new information, future events or

otherwise, except as required by applicable securities laws. All forward-looking statements contained in this news release are expressly qualified by this cautionary statement.

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