ANS Exploration Samples up to 9.09 g/t Gold and Outlines Multiple Gold Prospects on Matrix Licence, Ethiopia

Early-stage reconnaissance confirms 12 km mineralised corridor, multiple soil gold anomalies and high-priority remote sensing targets

Toronto, Canada, 17 June 2025, **ANS Exploration Corp.** ("**ANS**" or the "**Company**") is pleased to report very exciting results from the first-pass reconnaissance programme completed on the **Matrix Licence** (EL00532/2023) in Tigray Province, Federal Democratic Republic of Ethiopia.

A program including rock chip sampling, soil sampling and remote sensing was undertaken. This on-the-ground approach is most cost-effective and allows our excellent team of geos to get both large scale and area focused data.

The results are below:

HIGHLIGHTS

Work stream	Key Result	Significance
Rock chip sampling	110 samples up to **9.09 g/t Au;** Other notable values: ANS_ET_022: 7.65 g/t ANS_ET_025: 7.04 g/t Au	Confirms outcropping high-grade quartz–carbonate vein swarms within a 12 km shear zone corridor
Soil geochemistry	773 samples collected; assays pending	Systematic 800 m × 100 m and 100 m × 20 m grid across principal shear zone will prioritise trenching & drilling.
Remote sensing & prospecting	Multiple alteration footprints (sericite–carbonate–silica) and artisanal workings coincident with interpreted structures	Generates three additional prospects (**Haneba**, **Endaba Nazrawi**, **Una Deriam**) for near-term follow-up
Next steps	• Complete **1,538-sample** regional and prospect level grid soil campaign • 1:1,000 mapping & trenching	Accelerated path toward Scout drilling in 2026

GEOLOGICAL SETTING, MINERALISATION & ALTERATION

The Matrix Licence lies within the Arabian–Nubian Shield and hosts **shear zone-related orogenic gold** mineralisation developed in **greenschist-facies metasediments and metavolcanics**.

- **Host rocks** – Phyllites, slates, metavolcanic andesitic flows/pyroclastics, agglomerates, diamictites and psammites, intruded by diorite to granitic plutons and dykes.
- **Structure** – Regionally, foliation dips 40–65° west; mineralisation is hosted within a NNE–SSW-trending shear corridor. Brecciated, quartz-rich zones form resistant ridges and occupy hinge zones in the phyllite schists.

- **Vein styles** – Early quartz–carbonate veins are overprinted by at least two later quartz–sulphide vein sets. Sulphides include pyrite ± arsenopyrite, chalcopyrite and occasional galena/sphalerite.
- **Alteration** – Sericitisation and chloritisation are pervasive in phyllite; carbonate (ankerite) and silica halo quartz veins. Strong oxidation/limonitisation is widespread but especially pronounced in psammite. Local silicification has produced hard, resistant sericite schist.
- **Pathfinders** – Artisanal workings and rock chip assays indicate gold associated with As, Sb, Bi, and Te – typical of orogenic systems.

These geological and geochemical characteristics collectively validate the project's potential to host both high-grade lodes and broader bulk-tonnage mineralisation.

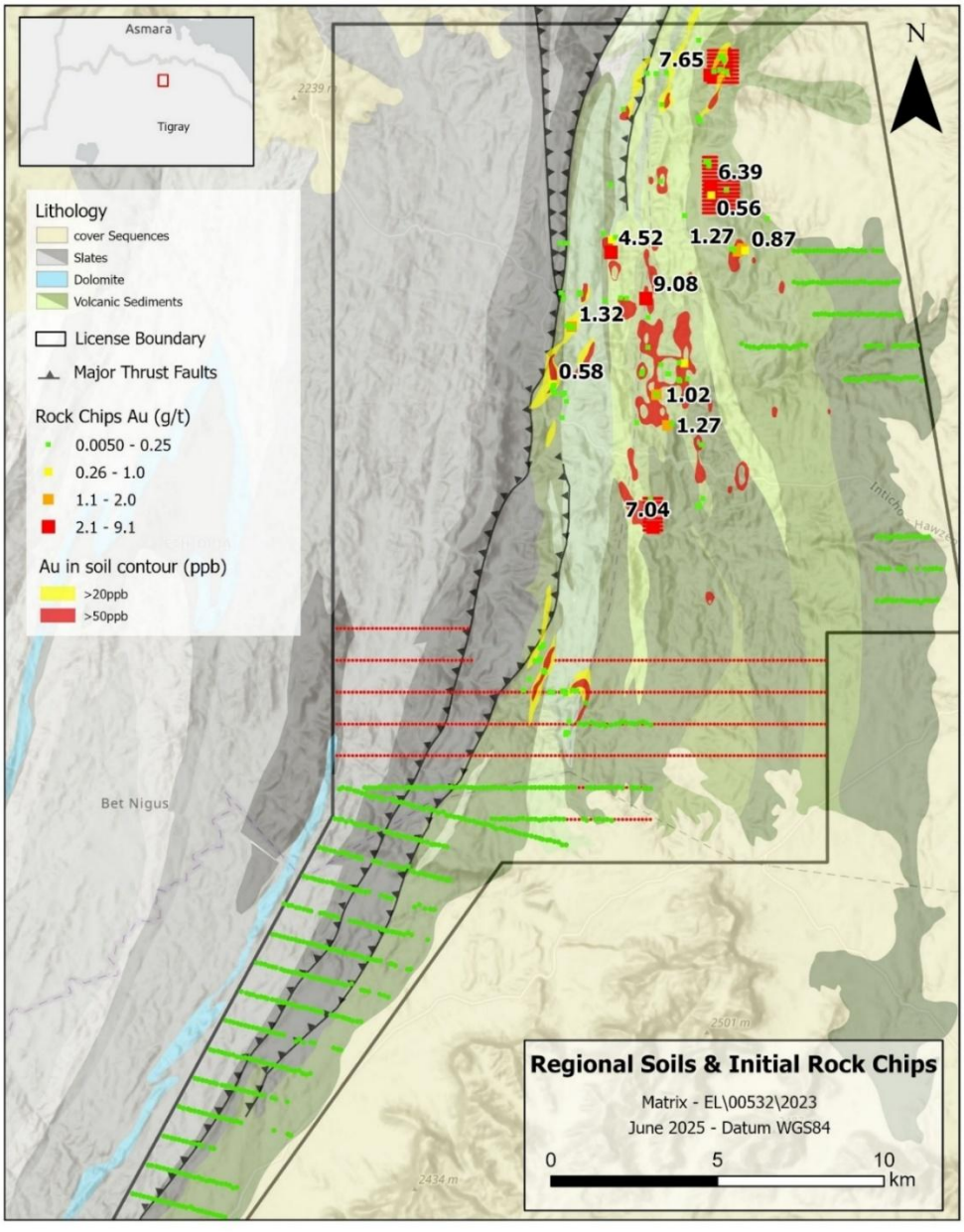

Figure 1: *Regional Soil Program and Selected Rock Chip Results*

RESULTS & INTERPRETATION

- **Rock chip sampling** returned values up to 9.09 g/t Au, defining three priority prospects: **Haneba**, **Endaba Nazrawi**, and **Una Deriam**.
- **Soil geochemistry** – 773 samples collected along an 800 m x 100 m grid over the main shear corridor. Assays are pending and will be integrated with geological mapping and remote sensing to guide trenching and drilling.
- **Additional soils** – 624 regional samples and 1,089 prospect level detail grid samples (540 at Haneba, 342 at Endaba Nazrawi, 207 at Una Deriam) are planned for Q4 2025.
- **Remote sensing** – Target areas were delineated based on alteration mapping (sericite–carbonate–silica) and structural interpretation. Reconnaissance follow-up is ongoing.

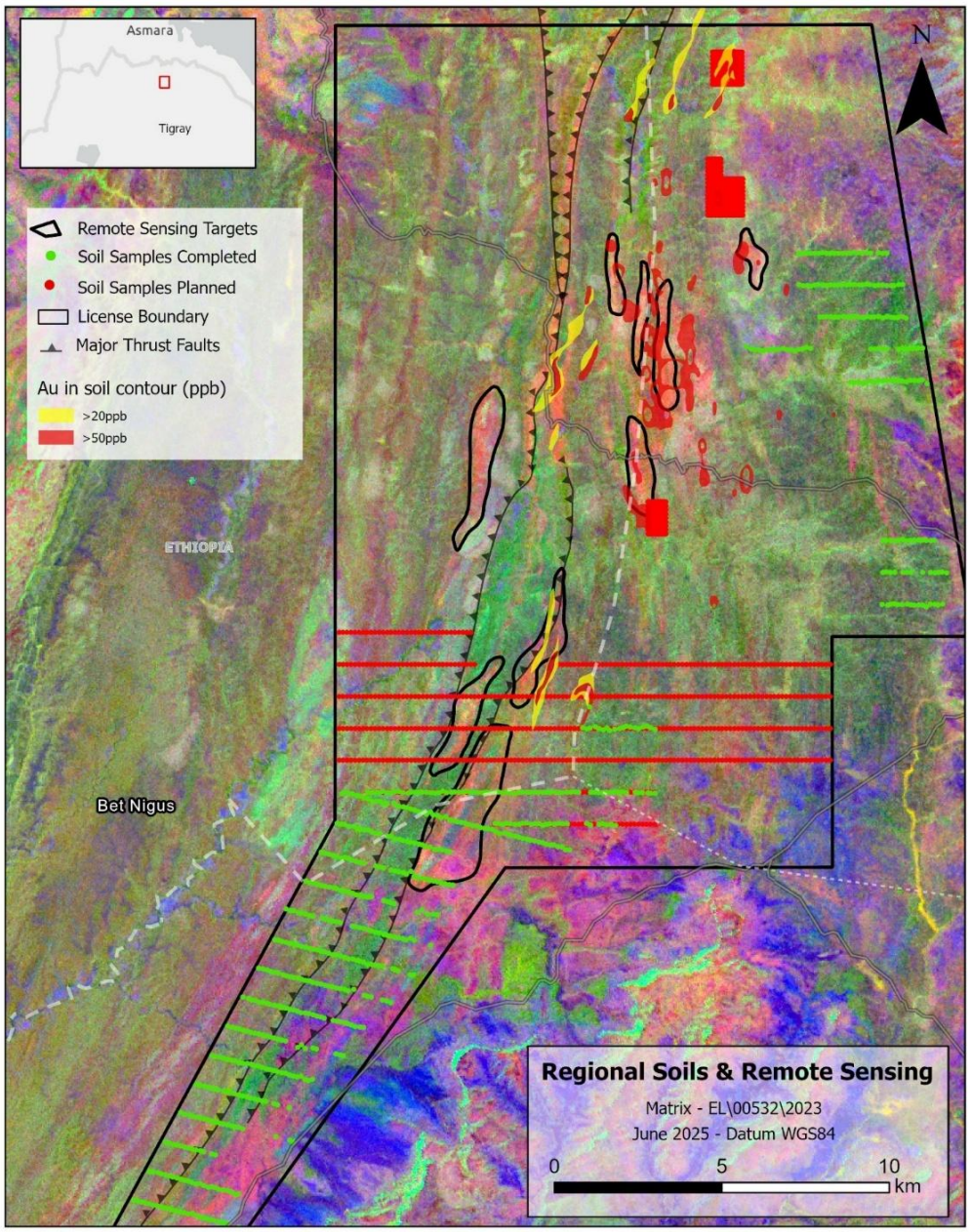

Figure 2: *Remote Sensing Alteration and Targets Identified*

The geological setting at Matrix supports an **orogenic gold deposit model**, consistent with other productive belts in the Arabian–Nubian Shield. Gold appears to occur in quartz-carbonate vein systems, controlled by shear zones and faults, and associated with disseminated sulphides such as pyrite and arsenopyrite. Field observations confirm alteration indicators including chloritisation, sericitisation, limonitisation, and local silicification.

NEXT STEPS

1. **Complete Soil Sampling** – Finalise the 1,538-sample regional and prospect-scale grid by Q3 2025.
2. **Detailed Geological Mapping** – Conduct 1:1,000 to 1:500 scale mapping of new targets to define structural controls and alteration zonation.
3. **Ground Truth Remote Sensing Targets** – Additional reconnaissance planned to validate remote sensing anomalies.
4. **Trenching and Drill Targeting** – Results will guide trenching and scout drilling, scheduled for 2026.

ABOUT ANS EXPLORATION CORP.

ANS Exploration is a Toronto-based, Africa-focused gold explorer with a portfolio of high-impact licences in the Arabian-Nubian Shield (Ethiopia and Saudi Arabia). The Company leverages modern exploration techniques to unlock underexplored terranes with tier-one potential.

FORWARD-LOOKING STATEMENTS

This news release contains forward-looking statements, including, but not limited to, statements regarding exploration plans and timelines. These statements are based on reasonable assumptions as of the date hereof but are subject to risks and uncertainties. Actual results may differ materially. ANS assumes no obligation to update any forward-looking statement except as required by applicable law.

CONTACT INFORMATION

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ABBREVATIONS

"As" means arsenic
"Au" means gold
"Bi" means bismuth
"Cu" means copper
"Hg" means mercury
"km" means kilometre
"mm" means millimetre
"Mo" means molybdenum
"OG" means orogenic gold
"Pb" means lead
"ppm" means parts per million
"pXRF" means portable X-ray fluorescence
"QAQC" means quality assurance and quality control
"Sb" means antimony
"Te" means tellurium
"VMS" means volcanogenic massive sulphide
"Zn" means zinc