

# Sampling Confirms Copper Mineralization Along 3.7 km Of Strike Length Beyond The Main Mineralized Zone At Cascade Copper's Copper Plateau Porphyry Project

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**XRF results include up to 1.46% Cu, 679.4 ppm Mo, and 88.6 g/t Ag**

[Cascade Copper Corp.](#) (CSE: "CASC") ("Cascade" or the "Company") is pleased to announce it has completed the pXRF elemental analysis of an additional 45 representative bedrock chip samples. Samples were collected within the extensive (Cu-Mo-Ag)-in-soil sample anomaly trends along strike 2.5 kilometres northwest and 1.2 kilometres southwest beyond the Main Mineralized Zone at the 90% owned, 2,789-hectare Copper Plateau Porphyry project (the Project) located in south-central British Columbia, Canada. The 45 rock chip samples have returned very encouraging preliminary XRF results when elements were within detection ranging from 13.5 to 14,605.3 ppm (1.46%) Cu, 5.7 to 679.4 ppm Mo, and 8.6 to 88.6 g/t Ag and are now awaiting hyperspectral scanning. Note, that 3 samples for copper, 6 for molybdenum, and all but 4 samples for silver returned below detection levels.

Shannon Baird, Cascade's Vice President of Exploration remarks; "Although outcrop on the Copper Plateau is rare, we were able to take some samples from within the highly prospective soil anomaly corridors that we see as highly prospective expansion areas analogous to the Main Mineralized Zone. This exercise confirms that there is a bona fide bedrock source for the soil anomalism and gives Cascade confidence in focusing on drilling these areas. An Induced Polarization geophysical survey and additional sampling will be the next step in preparation for outlining future drill targets along these extensive trends beyond the known Main Mineralized Zone."

## Project Location

The Copper Plateau Porphyry project is located in south-central British Columbia, between Penticton and Princeton. It is situated south of the former Brenda Copper Mine, which produced 177 million tonnes of ore grading 0.169% Cu and 0.043% Mo between 1970 and 19903. The geological setting is within the Quesnel Terrane which hosts Copper Mountain (1.13Bt @ 0.22% Cu, 0.09 g/t Au, and 0.64 g/t Ag Resource2) about 40km southwest of Copper Plateau and Teck's Highland Valley Copper Mine (M&I 1.2Bt @ 0.28% Cu and 0.009% Mo Resource1). Kodiak Copper's MPD project lies 40km west of the Project.

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Figure 1: Location of the Copper Plateau Copper-Moly Project in South-Central British Columbia

1Teck Resources AIF 2024, 2Copper Mountain Website, 3Copper Deposits of the NW Cordilleran. CIM Spec. Vol 46 4Kodiak Copper Website, 5Nicola Website

## Sample Locations and Results

Using the historic soil sampling as a guide, the field crew collected an additional 45 bedrock representative chip samples within the anomalous greater than 250ppm Cu-in-soil anomaly boundary to analyze via pXRF confirming bedrock mineralization and to justify further priority targeting in these areas. The sample locations with respect to the soil anomaly trends are shown in Figures 2 and 3. The sample highlights table of the best copper results (>500ppm) and corresponding molybdenum and silver are shown in Table 1.

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Figure 2: Copper-in-Soils Heat Map with 2025 XRF Sample Results (Cu ppm)

SAMPLE	Cu (ppm)	Mo (ppm)	Ag (g/t)
CPRX030	14605.3	84.4	88.6
CPRX026	6297.3	13.2	n.d.
CPRX045	2185.1	238.3	n.d.
CPRX009	1892.9	9.6	n.d.
CPRX031	1341.1	10.7	n.d.
CPRX027	1324.7	9.7	n.d.
CPRX028	1047.1	13.1	11.5
CPRX016	893.5	7	n.d.
CPRX035	714	6.7	n.d.
CPRX022	693	12.7	n.d.
CPRX029	516.8	679.4	n.d.

Table 1: 2025 XRF Chip Sample Analysis Highlight Results at Copper Plateau\*

#### Magnetic Inversion Model Refinement and Target Generation

Cascade has completed a refinement of the magnetic inversion modelling and review of the associated historic drill data and multi-element results in 3D. The take-away from this exercise is that there is appreciable mineralization in nearly all holes drilled at the Main Mineralized Zone (MMZ) associated with magnetic anomalies and the mineralization is consistent across wide intervals mainly beginning at surface.

Of significance, is the observation of similar coincident overlapping features toward the greater than 1.2km wide and largely untested SW Target Anomaly (A-A' in Figure 4) as well as under the greater than 2.5km long untested NW Target Anomaly (B-B' in Figure 5). This highlights the excellent discovery potential of these targets. Note, also that there are only a couple of holes drilled to the southeast of the MMZ at depth at a wide spacing leaving plenty of room for expansion referred to as the Southern Extension Target.

Ultimately, the compilation and revised modelling of the Copper Plateau data has revealed a strong correlation between the magnetics, induced polarization, surface soil samples, and high copper-molybdenum values in historic drilling. It also shows that the historic drilling indicates a high-grade trend that continues at depth to the southeast as well as a strong indication of continuation towards the south.

The strong positive correlation is now being used to refine near-term and future work plans in preparation for pending permit approvals. For instance, a wide-spaced, deep penetrating Induced Polarization survey is proposed covering the entire 3.5km by 5.5km corridor of expansive copper and molybdenum in soil anomalies that coincide with magnetic inversion isoshells. This survey will cover the main mineralized zone to test for depth extension as well as the highly anomalous target zones to the south, northwest, and west of the MMZ where similar correlations have been found to occur. The high copper and molybdenum in soils hints at a nearby bedrock source, while the associated cupolas of high magnetic intensity could indicate high-temperature quartz-magnetite-bornite zones that released mineral rich hydrothermal fluids altering, de-magnetizing, and mineralizing the adjacent rocks. The planned IP survey across these prospective zones

will identify the better mineralized areas currently under cover, creating the highest priority drill targets.

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Figure 3: Overview of the 0.02SI Magnetic Inversion Isoshell with Target Zones and Section Lines

\*Note: Spheres Showing all Soil Samples >150ppm Cu

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Figure 4: 150m Slice of Inversion Magnetics, Soil Samples (>150ppm Cu), and Drilling Intersections (>0.1% CuEq). Looking NNW (A-A' on Figure 4).

\*Showing Similarities Between the Main Mineralized Zone and the SW Target Anomaly

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Figure 5: 150m Slice of Inversion Magnetics, Soil Samples (>150ppm Cu), and Drilling Intersections (>0.1% CuEq). Looking SW (B-B' on Figure 4).

\*Showing Similarities Between the Main Mineralized Zone and the NW Target Anomaly

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Figure 6: Samples CPRX009, 026, 030, and 045 up to 1.46% Cu, 238.3 ppm Mo, and 88.6 g/t Ag

#### Next Steps

Since the XRF does not give reliable gold and spotty silver elemental measurements, the Company plans on prioritizing a group of the chip samples that returned anomalous copper and/or molybdenum values and submitting them for Fire Assay (Au) and full-suite multi-element geochemical analysis to both cross reference results for QA/QC and complement the previously announced (See Press Release dated October 29, 2025) surface rock sampling results. Follow-up surface reconnaissance of anomalous zones will commence in the spring. The Company also plans to commission an IP survey to cover the entirety of the Project with particular interest on the S, W, and NW extension areas, where the soil and XRF sampling shows anomalous copper and molybdenum.

A previous magnetic inversion modelling exercise indicates a high flanked by low magnetic intensity that correlates well with the anomalous copper in soils and an historic IP chargeability zone. (See Press Release dated February 28, 2025). The Company plans several initial Phase 1 drill holes to test the down-plunge high grade potential as indicated by a number of historic holes that carried significant mineralization at depth. Permitting for the geophysics and drilling has been submitted and awaiting approvals.

In addition, the Company is planning a comprehensive cataloguing and review of historic drill core currently

stored in Cranbrook, BC. Certain priority intervals may be quarter-cut and sent for confirmation analysis as a due diligence exercise. Hyperspectral analysis of the core is also planned to help build a more robust alteration and geological model ahead of commencing drilling.

#### Sample Analysis QA/QC Protocol and Disclosure

All 45 rock chip samples collected were analyzed using an Olympus Vanta Core V2CA (SN #940193) portable X-Ray Fluorescence (pXRF) unit. Portable XRF analyzers typically scan a small, localized spot on a rock, generally with a beam diameter of approximately 3-5mm and are designed for localized geochemical analysis rather than scanning large surfaces. The analyzer is primarily used for spot checks on rock surfaces to determine elemental composition in a quick and economical manner. Consequently, single spot analyses are inherently unrepresentative of the related samples and typically show a poor correlation with wet geochemical analysis methods. XRF results are typically used as an initial economical and near-instant analysis method in field exploration that is followed-up with traditional Fire Assay and ICP analysis for validation. Portable XRF readings are semi-quantitative measurements and are used as guideline to augment the understanding of the mineralization observed. These measurements are not intended to be representative of the geochemical composition of the material measured. XRF readings are carried out using a handheld device and could be influenced by external factors. Calibrations of the equipment in the field do not always allow comparison with results of certified reference materials. Results were reported in parts per million (ppm) and converted to percent (%), or grams per tonne (g/t) when applicable.

The technical information in this news release was prepared and reviewed by Shannon Baird, P.Geo., a Qualified Person as defined in National Instrument 43-101. Mr. Baird is Vice President of Exploration of Cascade Copper Corp. and registered as a Professional Geoscientist with the Professional Geoscientists of Ontario as well as the Engineers and Geoscientists of British Columbia.

The soil results discussed in this document are historical. Cascade nor the qualified person have performed sufficient work or data verification of the historical data. However, the Company has found no indication of invalid data and believes that they provide an indication of the Project's potential and are relevant for any future exploration program.

\*Management cautions that grab and chip samples are selective in nature to begin with. This in combination with being spot analyzed via pXRF can compound data inaccuracies and the resulting element measurements may not necessarily represent true underlying bulk composition or mineralization of the source.

#### About Cascade Copper

Cascade Copper is an exploration stage natural resource company engaged in the evaluation, acquisition, and exploration of copper based mineral resource properties. Cascade is focused on copper and gold, porphyry and mesothermal gold deposits in British Columbia and VMS and BIF copper, gold, and silver style deposits in Ontario. Cascade's priority is to conduct exploration using modern technology that includes 3D inversion modelling of geophysics, LiDAR elevation models and AI enhanced Predictive Modelling from all historic and modern data inputs. Drilling is planned on several of its copper-gold targets this year. Cascade has five projects, including the Copper Plateau Copper-Moly Project, the Centrefire Copper-Gold Project, the Rogers Creek Copper-Gold Project, Fire Mountain Copper-Gold Project and the Bendor Gold-Tungsten Project.

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