GSP Advances AMT Geophysical Survey, Identifying a Large Conductive Anomaly at Alwin Mine Property

12.08.2025 | The Newswire

- 2025 NSAMT survey has confirmed and strengthened the identification of an untested deep conductive anomaly
- First property-wide geophysical survey in nearly 20 years
- Provides further evidence for an underlying porphyry source for the high-grade copper-gold-silver mineralization at Alwin

News Release, TheNewswire - GSP Resource Corp. (TSX-V: GSPR / FSE: 0YD / OTC: GSRCF) (the "Company" or "GSP") announces preliminary results of its recently completed NSAMT (natural-source audio-frequency magneto-telluric) geophysical survey at the Alwin Mine Property. The survey, the first property-wide geophysical survey in nearly 20 years, provides further evidence for an underlying porphyry source for the high-grade copper-gold-silver mineralization at Alwin.

The results of the 2025 NSAMT survey have confirmed and strengthened the identification of an untested deep conductive anomaly within the northern portion of the Alwin Property. The anomaly is located 1.5 km northwest of the Alwin Deposit which hosts a current 34.6-million-pound inferred copper resource. The conductive anomaly extends from 600-1200 metres depth, having dimensions of approximately 600 x 750 metres, and 500-1000 Ohm-m resistivity (Figures 1 and 2). This conductive anomaly is significant for exploration of undiscovered porphyry-style mineralization as it is situated along a well-defined northwest trending sodic-calcic fluid pathway passing through the Company's Mer Property, and southeast through the HVC Bethsaida Zone, Lornex and Highmont deposits over 20 km1.

The presence of a deeper untested conductivity anomaly at Alwin is significant given that zones of reduced resistivity can be associated with increased alteration, in particular porphyry-style quartz-sericite-pyrite (phyllic) and clay (kaolinite) dominated alteration (notably at Endako and in the Babine Porphyry district of BC). The range of observed resistivity of the Alwin anomaly is consistent with those of quartz-sericite altered Endako quartz monzonite2.

Limited historic drilling during 2008, immediately south of the conductive anomaly, returned 9.7 metres grading 0.55% copper within drill hole 08-063, with mineralization described as being strong porphyry-style argillic-potassic alteration accompanied by quartz-chalcopyrite-bornite veins. No follow-up drilling of this target has been ever completed. Two shallow drill holes completed in 1969 tested well above the anomaly and did not return significant mineralization; however, drill logs noted numerous soft hematite talc-kaolinite gouge zones with Bethsaida granodiorite host rocks, suggestive that the conductive anomaly at depth may represent altered intrusive.

The NSAMT survey at the Alwin Mine comprised a total of 10 east-west oriented survey lines for a total of approximately 15 line-km. The 2025 NSAMT survey was designed to explore the presence of deep seated conductive/resistive features beneath the Property and the shallow Alwin Deposit Copper-Gold-Silver open pit and underground resource.

Historic 3D induced polarization / resistivity (IP/Res) surveys completed at Alwin during 2007, though limited in their depth of investigation, reveal that the Alwin Deposit area is associated with a zone of higher resistivity and weakly chargeable rocks. Significantly, the 2007 survey identified a near surface conductive anomaly extending to a survey limited depth of ~200 metres in the northern area of the Alwin Property flanked to the south by the relatively resistive and chargeable rocks.

Figure 1: Plan Map of Alwin Project Conductive Anomaly and HVC Operations

Figure 2: Alwin Model Resistivity Oblique View Looking Southwest (500-1000 Ohm-m Blocks Shown)

Simon Dyakowski, CEO of GSP commented, "The discovery of a deeper conductive anomaly within the northern area of the Alwin Project is another clear signal that the high-grade copper-silver-gold mineralization at the Alwin Deposit may be related to a porphyry source at depth. The Project's location within the most important porphyry alteration fluid pathway corridors linking GSP's Mer Project, Alwin Mine and HVC's Bethsaida, Lornex and Highmont deposits further reinforces our view of the compelling exploration upside at Alwin."

About the Alwin Mine Project

The Alwin Mine Copper-Silver-Gold property is approximately 344 hectares and is located on the semi-arid, interior plateau in south-central British Columbia. The historic underground mine was developed over 500 m long by 200 m wide by 300 m deep. Production took place between 1916 to 1981 from five major subvertical high-grade copper mineralization zones totaling 233,100 tonnes that milled 3,786 tonnes of copper, 2,729 kilograms of silver and 46.2 kilograms of gold. The average diluted head grade was 1.5% copper.

The Alwin Project hosts a current inferred mineral resource comprising 1.46 million tonnes (Mt) tonnes, at an average grade of 1.08% Cu, yielding 34.6 million pounds of Cu4.

The Alwin Project is adjacent with the western boundary of Teck Resources' Highland Valley Mine, the largest open-pit porphyry copper-molybdenum mine in western Canada. Alteration and mineralization of the Highland Valley hydrothermal system extends westward from the Highland Valley mine onto the Alwin Project (see GSP's news release dated January 30, 2020).

Qualified Person: The scientific and technical information contained in this news release has been reviewed and approved by Kristopher J. Raffle, P.Geo. (B.C.), principal and consultant of APEX Geoscience Ltd. of Edmonton, AB, a consultant to the Company and a "qualified person" as defined in National Instrument 43-101 - Standards of Disclosure for Mineral Projects.

About GSP Resource Corp.

GSP Resource Corp. is a mineral exploration & development company focused on projects located in Southwestern British Columbia. The Company owns 100% interest and title to the Alwin Mine Copper-Gold-Silver Property, and the Mer Property, in the Kamloops Mining Division, as well as a 100% interest and title to the Olivine Mountain Property in the Similkameen Mining Division, of which it has granted an option to earn a 60% interest to a third party.

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Forward-Looking Information

This news release contains "forward?looking information or statements" within the meaning of applicable securities laws, which may include, without limitation, completing ongoing and planned work, advancing the Alwin Project, the potential presence of porphyry copper mineralization or high-grade copper silver gold mineralization at the Alwin Project, further evaluation of copper gold and silver mineralization at the Alwin Project, other statements relating to the technical, financial and business prospects of the Company, its projects and other matters. All statements in this news release, other than statements of historical facts, that address events or developments that the Company expects to occur, are forward-looking statements. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results may differ materially from those in the forward-looking statements. Such statements and information are based on numerous assumptions regarding present and future business strategies and the environment in which the Company will operate in the future, including the price of metals, the ability to achieve its goals, that general business and economic conditions will not change in a material adverse manner, that financing will be available if and when needed and on reasonable terms. Such forward-looking information reflects the Company's views with respect to future events and is subject to risks, uncertainties and assumptions, including the risks and uncertainties relating to the interpretation of exploration results, risks related to the inherent uncertainty of exploration and cost estimates and the potential for unexpected costs and expenses, and those filed under the Company's profile on SEDAR+ at www.sedarplus.ca. Factors that could cause actual results to differ materially from those in forward looking statements include, but are not limited to, continued availability of capital and financing and general economic, market or business conditions, adverse weather or climate conditions, failure to maintain all necessary government permits, approvals and authorizations, failure to obtain or maintain community acceptance (including First Nations), decrease in the price of copper, gold, silver and other metals, increase in costs, litigation, and failure of counterparties to perform their contractual obligations. The Company does not undertake to update forward?looking statements or forward?looking information, except as required by law.

1 Bynre, et al. (2017): Large-scale sodic-calcic alteration around porphyry copper systems examples from the Highland Valley Copper district Geoscience BC, Report 2017-1, p.213-222.

2 Mineralization hosted on other properties is not necessarily indicative of mineralization that may be hosted on the Alwin Project. Mitchinson and Enkin (2011) Continued investigation of physical property-geology relationships in porphyry deposit setting in the QUEST and QUEST-West Project Areas, Geoscience BC, Report 2011-1, p.17-32

3 True width of mineralization not known.

4 Independent NI 43-101 Technical Report Alwin Copper-Silver Gold Project, with an effective date of September 16, 2024, and prepared by Apex Geoscience Ltd. is filed under the GSP Resource Corp. Issuer Profile SEDAR+ (www.sedarplus.com)