

Beauce Gold Fields' Geophysics Confirms an 8 Km Signature of the Mineralized Antiform Saddle Reef Structure

17.10.2024 | [The Newswire](#)

[Beauce Gold Fields](#) (Champs D'Or en Beauce) (TSX Venture: "BGF"), referred to as "BGF" or the "Company," is pleased to announce the results of a geophysical survey conducted on its Beauce Gold property, located in the Beauce region of southern Quebec. The survey successfully identified the signature of a crest of an anticline fold (Saddle Reef type) coinciding with the Grondin gold zone and extended the structure along strike for 8 km. Cumulative exploration data indicates that Saddle Reef type formations are the likely bedrock sources of the Company's historical placer gold deposits.

Patrick Levasseur, President and CEO, of Beauce Gold Fields, stated, "The identification of this anticline axis over an 8 km strike is a major milestone in our exploration of the Beauce Gold property. Those folds play a key role in the area's gold mineralization, and these results will guide our future drilling efforts. The successful detection of anomalies matching the known Grondin gold zone increases our confidence in uncovering additional mineralized targets."

Click Image To View Full Size

Image: IP Anomaly L36 to L65 (inset top) Grondin Zone IP (inset bottom)

The Company completed a two-phase Induced Polarization (IP) geophysical survey that successfully identified signatures aligning with the Grondin convex structure along its southwest to northeast strike over a distance of 8 km. The survey, carried out by Géosig Inc., a Quebec-based geophysics firm, involved survey lines using dipole-dipole configurations to detect subsurface resistivity and chargeability. As the region is often covered with glacial deposits of varying thickness, the IP survey allowed for the detection of geological units, stockworks and sulfides presence within the rocks.

The first phase of the survey involved a grid of 8 lines (L30E to L38E) totaling 4.2 km on the Grondin gold showing to characterize its geophysical signature. The Grondin gold mineralized outcrop and anticline structure (Saddle Reef type) were initially identified through drilling in 2023 (refer to BGF press releases from 2023-11-01, 2024-01-18, and 2024-03-20). The survey results correlated with drilled mineralized zones, confirming the presence of multiple high-chargeability and resistivity zones indicative stockworks and sulfide-rich rocks often associated with gold mineralization. A 3D model was created to determine the dip and direction of mineralized stockworks in the felsic lapilli tuff within the fold hinge.

The second phase involved cutting four additional lines to the northeast of the Grondin grid. These lines, spaced several hundred meters apart and located approximately 8 km between Boulevard Industriel in Beauceville and Chemin de la Grande Ligne in Saint-Benjamin. Positioned along trails or roads to cross perpendicularly to anticline fold axes, these lines were designed to intersect the northeastern extension of the Grondin gold zone. The results confirmed multiple high-chargeability-resistivity zones, indicative of stockwork-sulfide-rich rocks associated with gold mineralization. The field mapping survey also identified features from historical geological studies. Each survey line indicated IP anomalies corresponding to geological features of saddle reef type structure. (refer to BGF press release from 2024-07-17)

The Géosig survey identified the extension of the mineralized zone on the Grondin showing and generated several targets, which are now being investigated through field prospecting. The Company completed 225 geochemical soil samples and collected 35 rock samples over the IP anomalies of the four northeastern lines (L53E, L65E, L76E & L109E) and line L30E. The samples, each weighing 500 grams, were sent to MSALABS for assay analysis. Previous soil sampling results have correlated well with the lithology of the Grondin Zone mineralized structure. Geochemical soil sampling identified anomalous elements associated

with the mineralized gold zones of the Grondin gold showing. (refer to BGF press release from 2024-04-25)

According to information obtained from the Ministère des ressources et des forêt du Québec (SIGEOM), there are 4 other axes of antiform folds located to the north of the geophysical survey and which cross the BGF claims. One of these structures is known to contain gold mineralization. It passes at the level of line 109E. Further information from laser optical remote sensing (LIDAR) allows us to interpret structures favorable to gold mineralization on the property. This data suggests that there are other sources to the north of Saint-Simon-les-Mines which would have fed the gold placers.

The combined IP data, geochemical results, and structural data will guide the selection of drill hole targets for a follow-up drilling program. This information will also enable the Company to file the necessary "Autorisation pour travaux à impact" (ATI) with the Quebec Ministry of Natural Resources for drilling authorization.

Jean Bernard, BSc. Geo., a qualified independent person as defined by NI 43-101, has reviewed and approved the technical information presented in this release.

About Beauce Gold Fields

Beauce Gold Fields is focused on exploring and developing the largest placer gold district in eastern North America. The Company's objective is the trace old placer gold workings back to a bedrock source to uncover economic lode gold deposits. The Company's flagship property is the St-Simon-les-Mines Gold project, site of Canada's first gold rush that pre-dates the Yukon Klondike. The Beauce region hosted some of the largest historical placer gold mines in Eastern North America that were active from 1860s to the 1960s. It produced some of the largest gold nuggets in Canadian mining history (50oz to 71oz). (Source Sedar: 43-101 Report - Beauce July 4th 2018, , Author B. Violette)

Beauce Gold Fields is currently exploring recently discovered antiform systems that could have contributed to the development of the extensive auriferous placers in Beauce. The Company's geological model suggests that placer gold within the Beauce Gold paleochannel, including the renowned large nuggets from the 19th century, formed in stressed quartz pockets within layered domed Axis of Antiforms, exemplified by Saddle Reef formations. Notable global Saddle Reef formations include the Bendigo gold fields in Australia (over 60 million ounces) and the high-grade Dufferin deposit in Nova Scotia.

Beauce Gold Fields website www.beaucegold.com

Disclaimers:

This press release contains certain forward-looking statements, including, without limitation, statements containing the words "may", "plan", "will", "estimate", "continue", "anticipate", "intend", "expect", "in the process" and other similar expressions which constitute "forward-looking information" within the meaning of applicable securities laws. Forward-looking statements reflect the Company's current expectation and assumptions, and are subject to a number of risks and uncertainties that could cause actual results to differ materially from those anticipated. These forward-looking statements involve risks and uncertainties including, but not limited to, our expectations regarding mineral exploration. Such statements reflect the current views of the Company with respect to future events and are subject to certain risks and uncertainties and other risks detailed from time-to-time in the Company's on-going filings with the securities regulatory authorities, which filings can be found at www.sedar.com. Actual results, events, and performance may differ materially. Readers are cautioned not to place undue reliance on these forward-looking statements. The Company undertakes no obligation to publicly update or revise any forward-looking statements either as a result of new information, future events or otherwise, except as required by applicable securities laws.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

For further information contact

Patrick Levasseur, President and CEO

Tel: (514) 262-9239
www.beaucegold.com

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/482721--Beauce-Gold-Fieldsund039-Geophysics-Confirms-an-8-Km-Signature-of-the-Mineralized-Antiform-Saddle-Reef-Str>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer](#)!

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2025. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).