

Xtra-Gold Expands Zone 5 Gold Corridor by Identifying Two New Parallel Gold-Bearing Structures

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TORONTO, Dec. 5, 2012 (GLOBE NEWSWIRE) -- [Xtra-Gold Resources Corp.](#) ("Xtra-Gold" or the "Company") (TSX:XTG) (OTCBB:XTGR), is very pleased to announce the prospecting discovery of 2 new gold-bearing structures parallel to the recently delineated high-grade Zone 5 shear zone, in addition to further results from ongoing channel sampling from the Zone 5 shear, on the Company's wholly-owned Kibi Gold Project, located in the Kibi – Winneba greenstone belt (the "Kibi Gold Belt"), in Ghana, West Africa. Highlights of the outcrop grab sampling and channel sampling results reported today include:

- Prospecting which identifies a new, parallel, gold-bearing structure lying approximately 325 m northwest of the high-grade Zone 5 shear zone, with outcrop grab sampling returning gold values up to 13.2 g/t, 6.86 g/t, 6.37 g/t, 6.32 g/t, and 5.33 g/t;
- Saw-cut channel sample composites grading 3.13 g/t gold over 7.6 m in sample string #KBCS028B-KBCS028 and 1.08 g/t gold over 6.5 m in #KBCS012; from a newly exposed quartz-tourmaline vein zone along the main Zone 5 shear zone; and
- The newly discovered parallel structures confirm a gold-bearing Zone 5 deformation / alteration corridor over an apparent 325 m width, with the main Zone 5 shear zone traced to date over an approximately 300 m strike length.

To date, ongoing reconnaissance mapping and prospecting of the approximately 1.8 km long by 300 m to 800 m wide, NE-trending Zone 5 gold-in-soil trend has resulted in the discovery of 2 new, parallel, gold-bearing structures respectively located approximately 250 m and 325 m northwest of the high-grade Zone 5 shear zone. Preliminary interpretation of the recently completed detailed ground magnetometer survey data appears to indicate a correlation between the mineralized structures discovered to date within Zone 5 and NE-trending magnetic gradients.

The north-westernmost structure of the 2 newly identified structures consists of an approximately 10 m wide, NE-trending, braided shear zone traced over an approximately 50 m distance along grubbed off outcrops. A total of 27 rock grab samples were collected from 4 separate, 0.4 m to 1.0 m wide, quartz-filled shears forming part of the composite-type structure. Of the 27 quartz veining and iron carbonate / pyrite altered wall rock samples collected: 4 yielded less than 0.1 g/t gold; 11 returned gold values between 0.1 g/t to 1.0 g/t; 5 between 1 g/t and 4 g/t gold; 6 between 4 g/t and 7 g/t gold; and one sample returned a high of 13.2 g/t gold.

The second, newly discovered structure located approximately 250 m northwest of the main Zone 5 shear zone is characterized by an auriferous, spine-like, quartz vein outcrop spatially associated with an approximately 150 m wide gold-in-soil anomaly; with the soil samples on either side of the vein outcrop yielding 0.5 g/t and 0.74 g/t gold, respectively. A single grab sample collected from this narrow, NE-trending, quartz vein exposure returned 1.77 g/t gold. Mechanized trenching has been initiated across the gold-in-soil anomaly to further define this structure.

Mechanized outcrop stripping designed to follow-up on a previously released mineralized intercept of 12.5 m grading 1.28 g/t gold in road cut #CCRS001, located approximately 50 m along strike to the southwest of the high-grade gold shoot on the main Zone 5 shear zone, exposed a NE-trending structural zone exhibiting strong quartz-tourmaline tension gash veining and iron carbonate / pyrite alteration over an approximately 45 m strike-length. Two SE-trending, saw-cut channel sample composites located approximately 3 m apart across the central portion of the veining exposure returned mineralized intercepts of 6.5 m grading 1.08 g/t gold and 7.6 m grading 3.13 g/t gold in sample strings #KBCS012 and #KBCS028B-KBCS028, respectively. Due to irregular bedrock surface, the reported intercepts are sample intersection lengths irrespective of mineralization topography and may not represent true width of mineralization. Systematic channel sampling is ongoing to test the full 45 m length of the exposed vein zone.

Reconnaissance geology and prospecting is ongoing to further define the strike extensions of the 3 known gold-bearing structures and identify any additional prospective structures along the 1.8 km long Zone 5

gold-in-soil trend. Trenching and outcrop stripping is also in progress to further exposed the 2 newly discovered auriferous structures in preparation for systematic channel sampling. Infill soil geochemical sampling on newly established 100 m spaced grid lines designed to tighten-up the gold-in-soil anomaly and an induced polarization (IP) survey are also planned.

Yves P. Clement, P. Geo, Vice President, Exploration for Xtra-Gold is acting as the Qualified Person in compliance with National Instrument 43-101 ("NI 43-101") with respect to this announcement. He has prepared and or supervised the preparation of the scientific or technical information in this announcement and confirms compliance with NI 43-101. The NI 43-101 Technical Report entitled "Kibi Project, Eastern Region, Ghana", prepared by Simon Meadows Smith and Joe Amanor of SEMS and dated July 12, 2010, is filed under the Company's profile on SEDAR at www.sedar.com. Xtra-Gold has implemented a rigorous quality assurance / quality control (QA/QC) program to ensure best practices in sampling and analysis of drill core, reverse circulation (RC) samples, and trench channel samples, the details of which can be viewed on the Company's website at www.xtragold.com.

About Xtra-Gold Resources Corp.

[Xtra-Gold](http://www.xtragold.com) is a gold exploration company with a substantial land position in the Kibi Gold Belt. The Kibi Gold Belt, which exhibits many similar geological features to Ghana's main gold belt, the Ashanti Belt, has been the subject of very limited modern exploration activity targeting lode gold deposits as virtually all past gold mining activity and exploration efforts focused on the extensive alluvial gold occurrences in many river valleys throughout the Kibi area.

Xtra-Gold holds 5 Mining Leases totaling approximately 226 sq km (22,600 ha) at the northern extremity of the Kibi Gold Belt. The Company's exploration efforts to date have focused on the Kibi Project located on the Apapam Concession (33.65 sq km), along the eastern flank of the Kibi Gold Belt. Xtra-Gold's Kibi Project consists of an over 5.5 km long mineralized trend delineated from gold-in-soil anomalies, geophysical interpretations, trenching and drilling along the northwest margin of the Apapam Concession.

Forward-Looking Statements

The TSX does not accept responsibility for the adequacy or accuracy of this release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein. This News Release includes certain "forward-looking statements". These statements are based on information currently available to the Company and the Company provides no assurance that actual results will meet management's expectations. Forward-looking statements include estimates and statements that describe the Company's future plans, objectives or goals, including words to the effect that the Company or management expects a stated condition or result to occur. Forward-looking statements may be identified by such terms as "believes", "anticipates", "expects", "estimates", "may", "could", "would", "will", or "plan". Since forward-looking statements are based on assumptions and address future events and conditions, by their very nature they involve inherent risks and uncertainties. Actual results relating to, among other things, results of exploration, project development, reclamation and capital costs of the Company's mineral properties, and the Company's financial condition and prospects, could differ materially from those currently anticipated in such statements for many reasons such as: changes in general economic conditions and conditions in the financial markets; changes in demand and prices for minerals; litigation, legislative, environmental and other judicial, regulatory, political and competitive developments; technological and operational difficulties encountered in connection with the activities of the Company; and other matters discussed in this news release. This list is not exhaustive of the factors that may affect any of the Company's forward-looking statements. These and other factors should be considered carefully and readers should not place undue reliance on the Company's forward-looking statements. The Company does not undertake to update any forward-looking statement that may be made from time to time by the Company or on its behalf, except in accordance with applicable securities laws.

[Xtra-Gold Resources Corp.](http://www.xtragold.com)

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