

# Castillian Positive Tailings Results Have Potential to Increase NI 43-101 Resource Estimate at Hope Brook

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- Overall average grade of the 58 samples is 0.96 grams gold per tonne (g Au/t) and 0.10% copper (Cu).
- Average grade of 37 samples in the main tailings pond is 0.99 g Au/t and 0.12% Cu. Gold values range from a low of 0.31 g Au/t to a high of 1.72 g Au/t with copper values from 0.05% Cu to a high of 0.33% Cu.
- Average grade of 21 samples in the secondary tailings pond is 0.90 g Au/t and 0.06% Cu. Gold values range from a low of 0.18 g Au/t to a high of 2.10 g Au/t with copper values from 0.02% Cu to a high of 0.10% Cu.

TORONTO, ONTARIO -- (Marketwire - April 24, 2012) - [Castillian Resources Corp.](#) ("Castillian" or the "Company") (TSX VENTURE:CT) (OTCQX:CTIIF) is pleased to announce positive results from the expanded tailings sampling program carried out at its Hope Brook Gold Project ("Hope Brook"), located in southwestern Newfoundland. These results, along with additional testing of the tailings planned, have the potential to increase Hope Brook's current National Instrument 43-101 ("NI 43-101") mineral resource estimate (see February 14, 2012 press release for details).

Samples for this program were taken from both the main and secondary tailings ponds on an approximately 100 metre square grid using a piston corer. A total of 58 samples were collected of which 37 were from the main tailings pond and 21 were from secondary tailings pond. Of the total 58 holes, 39 reached the bottom of the tailings ponds. Results are listed in Table 1 and shown in Figures 1 and 3 for the main tailings pond and in Figures 2 and 4 for the secondary tailings pond, set out below.

Dr. Bill Pearson, P.Geo., President & CEO of Castillian, commented, "The results from our systematic tailings sampling program have returned an average grade in the order of one gram gold per tonne, which is almost double that of the calculated grade based on historical production data. We plan to carry out additional closer spaced piston core sampling to improve data density as well as a sonic drilling program to sample the deeper parts of the tailings ponds that the piston corer did not reach. The sonic drilling along with the piston corer results will provide sufficient data upon which to complete a NI 43-101 compliant mineral resource estimate for the tailings. In addition we plan to carry out preliminary bottle roll tests to determine potential recovery of both gold and copper."

Historical production data from the former Hope Brook Mine indicates that approximately 7.9 million tonnes of ore were processed in the mine with 752,163 ounces of gold recovered. The calculated grade of the tailings based on the historical production data is 0.54 g Au/t (see the NI 43-101 Technical Report entitled "Mineral Resource Estimate Technical Report, Hope Brook Gold Project, Newfoundland and Labrador, Canada", which is available under the Company's profile on SEDAR and at [www.castillian.ca](http://www.castillian.ca)). The reader is cautioned that such results are historical in nature and should not be relied upon.

## ABOUT CASTILLIAN

[Castillian Resources Corp.](#) is a Canadian mineral exploration company listed on the TSX Venture Exchange under the symbol "CT" which has gold and base metal properties in Canada and South America. Castillian's flag ship property is the Hope Brook Gold Project located in southwestern Newfoundland, which has 290,000 ounces of NI 43-101 compliant indicated mineral resources and 740,000 ounces of inferred mineral resources. Castillian has also outlined an extensive new Gold-in-Soil anomaly trend on its Canadian Creek property in the Yukon that is adjacent to Kaminak's Sugar Gold-in-Soil trend.

## Cautionary Note Regarding Forward-looking Information

*This press release contains "forward-looking information" within the meaning of applicable Canadian securities legislation. Forward-looking information includes, but is not limited to, statements regarding*

exploration prospects and timing of future exploration. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: general business, economic, competitive, political and social uncertainties; the actual results of current exploration activities; future prices of mineral prices; failure of plant, equipment or processes to operate as anticipated; accidents, labour disputes and shortages and other risks of the mining industry. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws.

### **Information Concerning Estimates of Indicated and Inferred Resources**

*This news release uses the terms "indicated resources" and "inferred resources". Castillian advises investors that although these terms are recognized and required by Canadian regulations (under NI 43-101), the U.S. Securities and Exchange Commission does not recognize them. Investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever be converted into mineral reserves. In addition, inferred resources have a great amount of uncertainty as to their existence, and economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies, or economic studies except for preliminary economic assessments as defined under NI 43-101. Investors are cautioned not to assume that part or all of an inferred resource exists, or is economically or legally mineable.*

### **Table 1. Results of Detailed Tailings Sampling Program, Hope Brook Gold Project**

Sample #	Easting	Northing	Water	Length of	
Depth				Au	Cu
Sample*					
(g/t)					
%					
Main Tailings Pond					
J424000				418643	5286999 1.50
J424001				418685	5286937 1.50
J424002				418798	5286756 1.20
J424003				418842	5286698 1.50
J424004				418842	5286698 1.50
J424005				418892	5286622 1.20
J424006				418642	5286771 1.40
J424007				418591	5286856 1.60
J424008				418552	5286915 1.60
J424009				418292	5286444 1.60
J424011				418495	5286827 1.00
J424012				418514	5286786 1.20
J424013				418575	5286708 1.50
J424014				418630	5286621 1.80
J424015				418792	5286370 1.60
J424016				418741	5286450 2.30
J424017				418741	5286450 2.30
J424018				418345	5286553 1.00
J424019				418402	5286443 1.80
J424020				418472	5286335 1.40
J424021				418516	5286276 2.60
J424022				418545	5286230 3.50
J424023				418425	5286625 1.20
J424024				418477	5286537 1.40
J424025				418526	5286451 0.80
J424026				418581	5286362 2.40
J424027				418620	5286298 3.10
J424028				418421	5286331 2.40
J424029				418421	5286331 2.40
J424031				418678	5286384 2.60
J424032				418569	5286561 1.70
J424033				418512	5286645 1.20
J424034				418473	5286713 1.10
I632087				418619	5286954 1.60
I632088				418619	5286954 1.60
I632089				418556	5286703 1.50
I632090				418475	5286554 1.20
No. of Samples				37	Averages 1.70

## Secondary Tailings Pond

Sample #	Easting Northing Water	Length of Au	Cu	
Depth Sample* (g/t ) %				
J424035		419188	5285647	0.60
J424036		419248	5285540	1.00
J424037		419285	5285447	1.50
J424038		419228	5285386	1.60
J424039		419251	5285410	1.20
J424040		419170	5285474	1.40
J424041		419126	5285536	1.70
J424042		419080	5285414	1.90
J424043		419135	5285333	2.00
J424044		419191	5285242	1.90
J424045		419009	5285358	2.40
J424046		419064	5285281	2.30
J424047		419104	5285188	1.40
J424048		419158	5285104	1.20
J424049		419121	5284968	2.40
I632081		418962	5285067	3.50
I632082		419071	5285051	1.60
I632083		419017	5285141	1.20
I632084		418962	5285234	2.80
I632091		419174	5285607	0.80
I632092		419151	5285478	1.60
No. of Samples		21	Averages	1.71
OVERALL				
No. of Samples		58	Averages	1.70

*\* Sample length is measured from the surface of the tailings down the vertical piston corer and is not necessarily indicative of the full thickness of the tailings.*

## SAMPLING, ASSAYING AND QUALITY CONTROL

The tailings samples reported in this press release were collected by Castillian using a piston corer. All samples were prepared and assayed at ALS Chemex, with sample preparation done in Sudbury and analytical work done in Vancouver. All locations of ALS Chemex are ISO 9001:2000 certified. The entire sample received is weighed and crushed to <80µm; 70% passing 2mm (10 mesh). A sample split of up to 1000g is then pulverized to <80µm; 85% passing 75 microns (200 mesh) to produce a homogenized sample. A 50g aliquot is used for fire assaying with an atomic absorption (AA) finish to determine gold concentration. Copper is initially analyzed using a four acid digestion ICP (inductively coupled plasma-atomic emission spectrometry) method. Any results for copper greater than 10,000 ppm are assayed further by a four acid digestion and "ore grade" ICP method. Internal quality control includes the use of blanks, duplicates and standards in every batch of samples. The Company also conducts internal check assaying using certified external reference standards and blanks. Regular external check assays are performed at a second certified Canadian commercial laboratory. Castillian also inserts external reference standards as well as blank granite drill core in each sample batch as a further external check.

## QUALIFIED PERSONS

Dr. Bill Pearson, P.Geo., President and CEO of Castillian, a qualified person as defined by NI 43-101, has reviewed and approved the scientific and technical content of this press release. The systematic tailings sampling program was carried out under the direction of Mr. Dan Lee, P.Geo., Chief Geologist and Project Manager for Hope Brook and a qualified person as defined by NI 43-101.

To view the map associated with this press release, "Figure 1 - Tailing Pond Sample Locations - Main Tailings Pond - Gold (g/t)," please visit the following link:  
<http://media3.marketwire.com/docs/CT2404fig1.pdf>.

To view the map associated with this press release, "Figure 2 - Tailing Pond Sample Locations - Secondary Tailings Pond - Gold (g/t)," please visit the following link:  
<http://media3.marketwire.com/docs/CT2404fig2.pdf>.

To view the map associated with this press release, "Figure 3 - Tailing Pond Sample Locations - Main Tailings Pond - Copper (%)," please visit the following link:  
<http://media3.marketwire.com/docs/CT2404fig3.pdf>.

To view the map associated with this press release, "Figure 4 - Tailing Pond Sample Locations - Secondary Tailings Pond - Copper (%)," please visit the following link:  
<http://media3.marketwire.com/docs/CT2404fig4.pdf>.

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### Contact Information

#### [Castillian Resources Corp.](#)

Sabina Srubiski, Investor Relations Manager  
416-309-2957  
[ssrubiski@castillian.ca](mailto:ssrubiski@castillian.ca)

Castillian Resources Corp.  
Bill Pearson, President & CEO  
416-861-2968  
[president@castillian.ca](mailto:president@castillian.ca)  
[www.castillian.ca](http://www.castillian.ca)

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