

# Castillian Intersects 5.47 Grams Gold Per Tonne Over 38.0 Metres in Pillar Within Former Mine at Hope Brook

05.06.2012 | [Marketwired](#)

TORONTO, ONTARIO -- (Marketwire) -- 06/05/12 -- [Castillian Resources Corp.](#) ("Castillian" or the "Company") (TSX VENTURE: CT)(OTCQX: CTIIF) is pleased to announce that it has completed 4,316 metres of diamond drilling in 15 holes, including two holes which were extensions of holes previously drilled, to finish the first phase of drilling in the 2012 exploration program at the Hope Brook Gold Project, located in southwestern Newfoundland. This program focused on confirming the locations of workings and major pillars in the Mine Area, testing the Southwest Extension target area and preliminary testing of the Northeast target area as shown in Figures 1 and 2. Significant results received to date are summarized in Table 1, below. Highlights are as follows:

## Mine Zone Area

- Hole HB12-047E, an extension of hole HB11-047, intersected 5.47 grams of gold per tonne ("g Au/t") over 38.0 metres core length, including 10.54 g Au/t over 13.5 metres in the upper part of the former mine, confirming the presence of a high grade pillar in this area.

## Southwest Extension Area

- Hole HB12-081 tested the potential connector area between the Mine Zone and the 240 Zone. This hole intersected a narrow high grade zone with 5.22 g Au/t and 1.00% copper over 0.3 metres core length. Based on the geophysical evidence, it appears this hole may have been below the plunge of the main silicified zone.

- 1.48 g Au/t over 8.4 metres core length within a broader section grading 0.59 g Au/t over 34.4 metres core length in hole HB12-085.

- 0.92 g Au/t over 8.3 metres core length including 1.36 g Au/t over 3.0 metres core length in hole HB12-088.

## Northeast Target Area

- Holes HB-12-78 and -79 tested the potential extension of the Hope Brook mineralized zone based on geophysical and geological data. These holes confirmed that the mineralized stratigraphy extends northeast of the former mine. Both holes intersected an approximately 10 metre wide zone of quartz veining with scattered pyrite but did not return any significant results. It appears that the holes are too high in the structural sequence and any potential extension is deeper.

Dr. Bill Pearson, P.Geo., President & CEO of Castillian, commented: "This drilling program has been successful in confirming that significant pillars remain in the former mine and that the position of underground workings in the resource model for Hope Brook are reasonable. Partial results of drilling completed in the Southwest Extension area indicate potential to define additional mineral resources in this area and potentially extend the constraining shell defining the mineral resource estimate to the southwest. While the drilling in the Northeast target area did not return any significant values, the holes did confirm a major structure is present in a similar sequence of rocks to those in the mine area. However, deeper drilling will be required to attempt to locate a potential extension to the Mine Zone in this area."

Pearson continued: "We will be initiating a geological mapping and prospecting program in the near term over the full 8 kilometre strike length of the favourable mineralized structure to follow up on targets outlined in the fall 2011 program, as well as those indicated by historical data. Compilation of historical data outside of the former mine area continues, with some 24,000 files of scanned documents and maps currently being reviewed."

Figure 1 shows the location of the major target areas with pierce points of the 2012 holes in the Southwest

Extension Target and Northeast Target areas. Figure 2 is a longitudinal section of the Mine Zone area showing the historical workings and the locations of pierce of holes in the former mine area completed in this program and in the 2011 drilling program. Collectively, these holes provide good overall coverage with holes drilled from both the north and south of the mine to provide maximum coverage. Table 2 lists collar coordinates, dip, azimuth and length for all holes drilled in the 2012 program.

Table 1: Significant Diamond Drilling Results, Hope Brook Gold Project, June

Hole No.	From (m)	To (m)	Core Length (m)	True Width (m)	Gold (g/t)	Copper (%)	Zone(ii)
Mine Zone Area							
HB12-080	132.8	143.3	10.5	7.9	0.72	0.01	
and	148.4	156.2	7.8	5.8	0.98	0.11	
incl.	155.0	156.2	1.2	0.9	2.51	0.26	
HB12-080E(i)	Assays Pending			Extension of HB12-080 further into workings.			
HB12-082(ii)	62.0	63.0	1.0	0.8	0.88	0.07	
Hole was lost before reached UG workings target.							
HB12-083(ii)	252.0	261.0	9.0	6.8	0.49	0.01	
incl.	255	256.5	1.5	1.1	1.81	0.01	
and	320.6	322.1	1.5	1.1	0.60	0.06	
Hole was lost before reached UG workings target.							
HB12-087(iii)	Assays Pending						
HB12-047E(iv)	149.0	187.0	38.0	14.23	5.47	0.13	
incl.	173.5	187.0	13.5	5.06	10.54	Tr	
incl.	173.5	178.5	5.0	1.87	13.0	0.54	
incl.	184.5	187	2.5	0.94	19.44	Tr	
Extension of HB11-047 to test location and grade of UG workings.							
SW Extension Target							
HB12-081	291.9	292.2	0.3	0.2	5.22	1.00	
and	391.0	391.5	0.5	0.4	0.83	1.62	
HB12-084	nsv						
HB12-085	121.0	154.4	34.4	25.8	0.59	Tr	
incl.	146.0	154.4	8.4	6.3	1.48	0.37	
incl.	149.3	150.3	1.0	0.8	3.17	1.17	
HB12-086	306.8	311.7	4.9	3.7	0.79	Tr	
HB12-088	277.9	286.2	8.3	6.2	0.92	Tr	

	incl.	277.9	280.9	3.0	2.3	1.36	Tr
	incl.	283.6	286.2	2.6	1.9	1.18	Tr
HB12-089	Assays Pending						
HB12-090	Assays Pending						

## NE Extension Target

HB12-078	nsv						
HB12-079	nsv						

- (i) HB12-080E was originally lost before reaching its target and was later extended into the mine workings, testing the grade and location of the historic underground mine.
- (ii) HB12-082 and HB12-083 were unsuccessful in reaching their respective targets because of rock competence.
- (iii) HB12-087 was drilled from north to south and successfully penetrated through the possible ramp material and the lower mine workings.
- (iv) HB12-047E is an extension of HB11-047 to test the location and grade of old mine workings. This hole ended in the mine workings.

incl. = including; tr = trace, nsv = no significant values, UG = underground

Table 2: Collar Coordinates and Orientations of Drill Holes, Hope Brook, June 5, 2012

Hole No.	UTM		Mine Grid		Elev. (i)	Length	Az(ii)	Dip (ii)
	Easting	Northing	Easting	Northing				
HB12-078	418766	5288202	12403	4969	5136	742	325	-45
HB12-079	418325	5288577	12257	5530	5157	156	324	-65
HB12-080	418096	5287764	11603	4995	5122	156	325	-58
HB12-082	418279	5287812	11781	4930	5153	187	323	-51
HB12-081	417591	5287087	10801	4730	5124	464	325	-71
HB12-083	418282	5287768	11758	4891	5156	326	324	-65
HB12-084	417642	5287446	11049	4994	5132	186	341	-65
HB12-047E	418040	5288015	11702	5233	5142	187	145	-50
HB12-085	417761	5287473	11162	4949	5125	218	325	-45
HB12-086	417859	5287460	11235	4882	5119	350	341	-65
HB12-087	418071	5288066	11756	5257	5146	465	144	-48
HB12-088	417717	5287267	11008	4805	5137	336	324	-48
HB12-089	417762	5287406	11124	4893	5127	308	325	-65
HB12-090	417628	5287228	10913	4824	5125	292	321	-53

- (i) Elevations have 5000 metres added to actual measurements to conform to historical practice
- (ii) All measurements are in metres except Azimuth (Az) and Dip, which are measured in degrees.

The core (NQ (47.6 mm) is logged, photographed and then sawn in half with one-half sent to the laboratory for analysis and the other half retained and stored on site. All core 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 greater than or equal to 70% passing 2mm (10 mesh). A sample split of up to 1000g is then pulverized to greater than or equal to 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 PERSON**

Dr. Bill Pearson, P.Geo., President and CEO of Castillian, who is a qualified person as defined by NI 43-101, has reviewed and approved the scientific and technical content of this press release.

## **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.*

To view, Figure 1: Longitudinal Section with location of pierce points for drilling the Southwest and Northeast Target Areas (see Figure 2 for drilling in Mine Zone area), please visit the following link:  
<http://media3.marketwire.com/docs/796116A.pdf>

To view, Figure 2. Longitudinal Section of Mine Zone area showing locations of drill hole pierce points, please visit the following link:  
<http://media3.marketwire.com/docs/796116B.pdf>

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#### **Contacts:**

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

Bulgan Orgilsaikhan, Communications Coordinator  
416-309-2895  
[borgilsaikhan@castillian.ca](mailto:borgilsaikhan@castillian.ca)  
[www.castillian.ca](http://www.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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<https://www.rohstoff-welt.de/news/127063--Castillian-Intersects-5.47-Grams-Gold-Per-Tonne-Over-38.0-Metres-in-Pillar-Within-Former-Mine-at-Hope-Brook.html>

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