

# Castillian Intersects 1.51 G Au/T Over 14.0 Metres in Connector Zone at Hope Brook

17.01.2013 | [Marketwired](#)

## - Significant new near surface target area outlined 900 metres southwest of former mine

TORONTO, ONTARIO -- (Marketwire) -- 01/17/13 -- [Castillian Resources Corp.](#) (TSX VENTURE: CT) (OTCQX: CTIIF) ("Castillian" or the "Company") has completed 5,951 meters of reconnaissance diamond drilling in 21 holes at its Hope Brook Gold Project in southwestern Newfoundland. All of the holes, except two that were lost, intersected the mineralized silicified zones as targeted from geological and geophysical data.

The drilling intersected multiple zones of gold mineralization in a major new near surface target zone in the Mine Zone - 240 Connector Target ("Connector Zone"; see Figures 1 and 2), located approximately 900 metres (m) southwest of the former Hope Brook open pit. Table 1 lists significant results for all holes completed in the program (see press release dated December 11, 2012 for discussion of results of first four holes).

## Highlights from new drilling include:

- Major new near surface target zone within the Connector Zone and above the 240 Zone which extends along strike for approximately 800m to a depth of more than 300m;
- Hole HB12-100: 1.51 grams gold per tonne (g Au/t) over 14.0m, including 2.03 g Au/t over 8.0m and 1.07 g Au/t over 18.1m core length, including 1.68 g Au/t over 5.5m core length within a 57 m wide silicified zone in the Connector Target; and
- Hole HB12-101: 1.04 g Au/t over 8.5m core length, 1.44 g Au/t over 2.9m core length and 1.35 g Au/t over 5.6m core length within an overall 75m wide silicified zone 100m northeast of hole HB12-100.

Dr. Bill Pearson, P.Geo., President and CEO of Castillian, commented: "This drill program was successful in outlining a major new near surface zone in the Connector Zone that has the potential to add significantly to our already strong mineral resource base. Our exploration team, support staff and drill contractor did a tremendous job completing the planned program in less than two months and on budget." Pearson continued: "We are currently completing interpretation of all of the new drilling data and planning the next drill program. The next program will focus on testing the new target zone and expanding existing resources, especially those that are potentially open pittable. In addition, our technical work has identified a number of areas near the current resource where there is potential to increase the overall grade of the resource."

Mr. David Copeland, P.Geo., Chief Geologist added: "Drilling within the Connector Zone demonstrates continuity of the alteration and mineralizing systems along a shallow southwest plunge between the Hope Brook Deposit and the 240 Zone. The thickness of the silicified zones and encapsulating argillic alteration zone is similar to that seen in the former Hope Brook Mine and 240 Zone." Mr. Copeland continued: "A newly recognized fold system affects the rocks of the 240 and Connector Zone areas, the identification of which has been driven by drilling outside of the main Hope Brook Mine area. This fold system explains why the main silicified horizon southwest of the Hope Brook Mine does not come to surface and why shallow historical drilling within the area failed to intersect both of the zones. This interpretation is corroborated by geophysical data. Further structural modelling and geological work in progress is designed to provide a better understanding of where to target gold mineralization within this extensive fold system."

The following provides a more specific description of the drilling completed in each of the target zones tested.

## 240 Zone - Mine Zone Connector Target

The Connector Zone was tested with a total of nine drill holes (3,279m; HB12-92 and 93 and HB12-100 to 106). Each of the holes that reached the intended target depth (seven of nine) within the Connector Zone intersected broad zones of silicified altered rocks with variable levels of gold mineralization.

Hole HB12-100 encountered several intermittent zones of pyrite and chalcopyrite bearing grey siliceous alteration from 234.2 to 248.0 m, 288.0 to 319.1 m; and 349.9 to 407.2 m. The silicified zones assayed 1.07 g Au/t over 18.1m (core length), including 1.68 g Au/t over 5.5m (core length); and 1.52 g Au/t over 14.0m (core length), including 2.03 g Au/t over 8.0m (core length).

Hole HB12-101 intersected buff-grey, pyrite and chalcopyrite - bearing silicification with intercalated mafic dykes from 329 to 403.8m (core length) with an 8.5m interval (core length) assaying 1.04 g Au/t. This interval bears many similarities to that described from historic drilling from the nearby 240 Zone and is being considered the eastern extension of the zone.

Hole HB12-106 intersected multiple zones of buff to grey, pyrite bearing siliceous alteration zones from 243.9 to 262.1m, 282.9 to 299.4m, and 331.7 to 334.1m. The siliceous zones were host to multiple minor quartz-tourmaline veins with trace chalcopyrite. Significant assays include 1.82 g Au/t over 1.5m.

Hole HB12-102 intersected a zone of light grey-buff, pyrite-bearing silicification from 262.2 to 281.9m and a zone of buff-grey, pyrite/chalcopyrite-bearing silicification from 151.4 to 183.7m.

Holes HB12-104 and HB12-105 ended short of the Connector Zone mineralization at depths of 162m and 113m respectively due to poor ground and mechanical issues.

### Chetwynd and Chetwynd South Prospects

The potential downdip extensions of the Chetwynd and Chetwynd South Prospects were tested by six reconnaissance drillholes (HB12-095 to 099 and HB12-103). Each of the drillholes intersected the targeted silicified alteration rocks with anomalous gold mineralization.

Three drill holes (840m; HB12-095, 096, and 097) tested the Chetwynd South Prospect down dip mineralization encountered in historic holes CW-101, 102, 103, 039, and 098. Each of the drill holes intersected buff to grey, siliceous, pyrite and/or chalcopyrite-bearing mineralization. Quartz and tourmaline veining is prevalent and carries much of the gold mineralization. Anomalous gold values were encountered within the silicified zones and include 1.12 g Au/t over 1.5m core length in hole HB12-095 and 0.68 g Au/t over 1.5m in hole HB12-097.

Two drill holes (602m; HB12-098 and HB12-099) tested for potential gold mineralization down-dip of historic drilling and surface exposure at the Chetwynd Prospect. Although each of the drill holes intersected several zones of intermittent buff and grey siliceous, pyrite-bearing, fragmental rocks, no significant gold values were obtained from the Chetwynd Prospect drilling.

### Chetwynd to 240 Connector Target

One hole (353 metres; HB12-103) intersected several grey - buff, siliceous units from 177 - 181.5m, 192.3 - 195.5m, 198 - 202.1m and 229.5 - 230m. The relationship of these silicified zones with the Chetwynd Prospect and the 240-Zone mineralization is currently not clear and requires further investigation. No significant gold values were returned from this hole.

### NW Target Area

Five reconnaissance drill holes (714 m; HB12-107 to 111) tested the NW Target area with broad-spacing (75 to 125 m). Each of the drill holes intersected the targeted silicified alteration zones that locally contained disseminated chalcopyrite, pyrite and minor bornite. The best result was 1.16% Cu and 0.28 g Au/t over 1.3m in hole HB-12-109 and 0.68 g Au/t over 1.8m in hole HB 12-108.

Table 1: Significant Diamond Drilling Results, Fall 2012 Program, Hope Brook Gold Project.

Hole No.	From (m)	To (m)	Core Length (m)	True Width (m)	Au (ppm)	Cu (%)
4960 Stope						
HB12-091(i)	133.00	138.70	5.70	2.59	1.10	0.00
and	206.30	235.90	29.60	13.44	2.14	0.45

incl.	217.60	232.20	14.60	6.63	2.69	0.58
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incl.	227.90	232.20	4.30	1.95	5.24	1.47
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and	253.40	260.40	7.00	3.18	0.98	0.01
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HB12-094(i)	106.30	111.00	4.70	1.99	1.11	0.00
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and	156.30	169.00	12.70	5.37	0.34	0.00
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and	180.90	220.00	39.10	16.52	1.90	0.12
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incl.	185.00	197.50	12.50	5.28	3.95	0.07
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Mine Zone - 240 Connector Zone						
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HB12-092(i)	314.40	330.90	16.50	12.60	0.64	0.02
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incl.	319.60	322.00	2.40	1.80	1.66	0.04
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HB12-093(i)	366.60	382.00	15.40	10.10	0.46	0.04
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incl.	370.40	381.00	10.60	6.95	0.52	0.04
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HB12-100	349.9	368.0	18.1	7.4	1.07	0.05
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incl.	349.9	355.4	5.5	2.2	1.68	0.11
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and	412.5	426.5	14.0	5.7	1.52	0.04
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incl.	418.5	426.5	8.0	3.3	2.03	0.07
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HB12-101	329.1	338.0	8.9	2.8	1.04	0.02
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incl.	329.1	333.0	3.9	1.2	1.85	0.02
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and	344.0	347.0	3.0	0.9	0.63	0.08
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and	355.0	356.0	1.0	0.3	0.83	0.46
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and	365.4	368.3	2.9	0.9	1.44	0.15
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and	371.2	372.1	0.9	0.3	0.59	0.02
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and	374.5	376.0	1.5	0.5	0.67	tr
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and	398.2	403.8	5.6	1.7	1.35	0.03
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and	432.7	433.3	0.6	0.2	1.53	tr
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and	527.5	529.0	1.5	0.5	0.61	0.03
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HB12-102	225.4	226.7	1.3	0.9	0.54	tr
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and	271.0	277.0	6.0	4.3	0.60	0.04
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and	282.1	292.6	10.5	7.6	0.63	0.02
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HB12-106	174.6	176.0	1.4	0.4	0.60	tr
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and	384.0	385.5	1.5	0.3	0.65	0.02
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and	410.0	411.0	1.0	0.4	0.26	0.15
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and	412.2	413.5	1.3	0.4	0.60	0.04
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and	441.5	443.0	1.5	0.4	1.82	0.38

and	452.5	454.0	1.5	0.4	0.36	0.23
Chetwynd - 240 Connector Zone						
HB12-103	201.0	203.0	2.0	1.7	0.15	0.13
Chetwynd Prospect						
HB12-098	225.0	230.2	5.2	4.4	tr	0.10
HB12-099	no significant values					
Chetwynd South						
HB12-095	223.5	224.3	0.8	0.7	0.74	0.11
and	229.6	231.1	1.5	1.4	1.12	0.14
HB12-096	no significant values					
HB12-097	188.5	190.00	1.5	1.2	0.68	tr
NW Target Zone						
HB12-107	63.5	64.5	1.0	0.5	0.04	0.12
HB12-108	29.0	30.8	1.8	0.8	0.68	0.25
and	60.3	60.9	0.6	0.3	0.80	0.87
HB12-109	42.4	43.2	0.8	0.7	0.04	0.11
and	46.0	47.3	1.3	1.2	0.28	1.16
HB12-110	150.0	151.0	1.0	0.4	0.04	0.24
HB12-111	53.0	54.0	1.0	0.9	0.18	0.84
(i) Holes previously released see press release dated December 11, 2012						
tr = trace						

Table 2: Collar Coordinates and Orientations of Drill Holes, Fall 2012 Program, Hope Brook.

Hole No.	Target	UTM		Mine Grid	
		Easting	Northing	Easting	Northing
HB12-091	4960 Stope	417919	5287887	11529	5198
HB12-092	Connector Zone	417756	5287323	11072	4829
HB12-093	Connector Zone	417756	5287323	11072	4829
HB12-094	4960 Stope	417940	5287903	11555	5199
HB12-095	Chetwynd South	415631	5285792	8453	4794
HB12-096	Chetwynd South	415683	5285816	8509	4783
HB12-097	Chetwynd South	415752	5285860	8591	4780
HB12-098	Chetwynd	416592	5286508	9651	4829

HB12-099	Chetwynd	416521	5286429	9547	4805
HB12-100	Connector Zone	417229	5287260	10604	5079
HB12-101	Connector Zone	417180	5287155	10504	5021
HB12-102	Connector Zone	417630	5287228	10914	4823
HB12-103	Connector Zone	416879	5286625	9953	4760
HB12-104(i)	Connector Zone	417407	5287498	10887	5173
HB12-105(i)	Connector Zone	417311	5287314	10702	5077
HB12-106	Connector Zone	417332	5287315	10719	5066
HB12-107	NW Target	417675	5287755	11253	5230
HB12-108	NW Target	417727	5287796	11319	5233
HB12-109	NW Target	417947	5287911	11566	5201
HB12-110	NW Target	417736	5287854	11360	5276
HB12-111	NW Target	417844	5287814	11426	5181
Called Off					
Total					
(i) Results for Holes HB12-104 and -105 were not reported as they were lost due to mechanical issues.					

Hole No.	Target	Elev.	Length	Az	Dip
				(i)	(m)
				(ii)	(ii)
HB12-091	4960 Stope	5135	279	145	-51
HB12-092	Connector Zone	5135	367	325	-63
HB12-093	Connector Zone	5135	446	325	-74
HB12-094	4960 Stope	5132	223	145	-51
HB12-095	Chetwynd South	5055	237	325	-47
HB12-096	Chetwynd South	5054	320	325	-57
HB12-097	Chetwynd South	5058	283	325	-57
HB12-098	Chetwynd	5045	333	325	-53
HB12-099	Chetwynd	5046	269	325	-51
HB12-100	Connector Zone	5069	459	145	-51
HB12-101	Connector Zone	5066	536	145	-52
HB12-102	Connector Zone	5123	336	325	-65
HB12-103	Connector Zone	5023	353	325	-59
HB12-104(i)	Connector Zone	5075	162	145	-49

HB12-105(i)	Connector Zone	5073	119	145	-49
HB12-106	Connector Zone	5073	501	147	-55
HB12-107	NW Target	5087	73	145	-43
HB12-108	NW Target	5090	88	145	-43
HB12-109	NW Target	5131	120	325	-45
HB12-110	NW Target	5104	237	145	-49
HB12-111	NW Target	5131	196	325	-45
Called Off			14		
Total			5,951		

(i)Results for Holes HB12-104 and -105 were not reported as they were lost due to mechanical issues.

## SAMPLING, ASSAYING AND QUALITY CONTROL

The core (NQ (47.6 mm) and BQTK (40.54 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 Minerals, with sample preparation done in Sudbury and analytical work done in North Vancouver. All locations of ALS Minerals are ISO 9001:2000 certified. The entire sample received is weighed and crushed to = 70% passing 2mm (10 mesh). A sample split of up to 1000g is then pulverized 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.

The Company also announces that it has extended the maturity date of the \$250,000 bridge loan provided to the Company by Dr. Pearson to March 31, 2013 (see news release dated October 24, 2012).

## QUALIFIED PERSONS

David Copeland, P.Geo., Chief Geologist supervised the diamond drilling program at Hope Brook and Dr. Chris Hale, P.Geo., supervised the geophysical work. Both are qualified persons as defined by NI 43-101. Mr. Copeland and Dr. Bill Pearson, P.Geo., President & CEO of Castillian, and qualified persons as defined by NI 43-101, have reviewed and approved the scientific and technical content of this news release.

## ABOUT CASTILLIAN

[Castillian Resources Corp.](#) is a Canadian mineral exploration company listed on the TSX Venture Exchange under the symbol "CT" and on the OTCQX International under the symbol "CTIIF". The Company 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 2.4 million tonnes at 1.48 g Au/t for 590,000 ounces of NI 43-101 compliant indicated mineral resources and 8.2 million tonnes at 2.07 g Au/t for 548,000 ounces of inferred mineral resources (see technical report entitled "Updated Mineral Resource Estimate Technical Report, Hope Brook Gold Project, Newfoundland and Labrador, Canada", effective October 1, 2012). Castillian has outlined an extensive new Gold-in-Soil anomaly trend on its Canadian Creek property in the Yukon that is adjacent to Kaminak's Coffee property.

### **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: Hope Brook Longitudinal Section With Targets and Drill Holes Completed, please visit the following link:

[http://media3.marketwire.com/docs/117cast\\_1.pdf](http://media3.marketwire.com/docs/117cast_1.pdf)

To view Figure 2: Hope Brook Geological Cross Section, please visit the following link:

[http://media3.marketwire.com/docs/117cast\\_2.pdf](http://media3.marketwire.com/docs/117cast_2.pdf)

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<https://www.rohstoff-welt.de/news/141120--Castillian-Intersects-1.51-G-Au-T-Over-14.0-Metres-in-Connector-Zone-at-Hope-Brook.html>

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