

Media Release

Claude Resources Inc.
Discovering. Developing. Delivering.

Claude Resources Inc.
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Trading Symbols
TSX – CRJ
NYSE AMEX – CGR

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Claude Resources Reports Second Quarter Results

Saskatoon, Saskatchewan, Canada: Claude Resources Inc. (“Claude” or the “Company”) today announced second quarter production results of 7,735 ounces of gold, a 33 percent decrease from the 11,531 produced during the same period in 2008. For the quarter ended June 30, 2009, the Company recorded a net loss of \$3.9 million, or \$0.04 per share. This compares to a net loss of \$0.8 million, or \$0.01 per share for the comparable period in 2008.

Notwithstanding the production decline experienced in the second quarter, the Seabee Operation continued to benefit from strong average realized gold price during the first six months of 2009, resulting in a 14 percent increase in revenues period over period (2009 - \$20.6 million; 2008 - \$18.0 million).

<i>Financial Highlights (unaudited):</i>	Three Months ended		Six Months ended	
	June 30 2009	June 30 2008	June 30 2009	June 30 2008
Gold revenue (CDN \$ millions)	9.1	9.8	20.6	18.0
Cash flow from mining operations (CDN \$ millions)	2.2	1.7	6.0	3.5
Net loss (CDN \$ millions)	(\$3.9)	(\$0.8)	(\$4.9)	(\$0.3)
Loss per share (\$) – basic and diluted	(0.04)	(0.01)	(0.05)	(0.00)
Average realized gold price (CDN \$ per oz. / US \$ per oz.)	1,075 / 921	915 / 906	1,114 / 923	918 / 912
Total cash operating costs (CDN \$ per oz. / US \$ per oz.)	813 / 696	750 / 743	789 / 654	740 / 735
Working capital (\$ millions)	12.0	19.1	12.0	19.1

Operations:

At its Seabee Operation, Claude milled 51,284 tonnes of ore at a grade of 4.92 grams per tonne (Q2 2008 – 57,984 at a grade of 6.45 grams per tonne) during the quarter ended June 30, 2009. Sales volume from the second quarter of 2009 was 8,453 ounces of gold compared to 10,751 ounces of gold sold during the second quarter of 2008, a decrease of 21 percent. Production and sales during the second quarter of 2009 were impacted by planned major maintenance of the Company’s hoist and mill facilities at its Seabee Operation.

During the second half of 2009, the Company expects production to be significantly higher with annual production forecasted to range between 46,000 and 48,000 ounces.

Exploration:

From the 10th level of the Madsen mine shaft, Claude continued its directionally-assisted underground drill program that was initiated in December 2008. Drilling highlights from the second quarter include the completion of a fifth hole which intercepted 0.71 ounces per ton over 11.45 feet (including 1.81 ounces per ton over 4.0 feet). Shaft dewatering at the Madsen Mine is below the 13th level and is ongoing. In order to further support and accelerate dewatering efforts, the Company has commissioned a new pump station on the 12th level and expects to be at the 16th level by the end of 2009.

Claude’s gold exploration efforts at Seabee Deep have also yielded impressive results, including 14.07 grams per tonne of gold over 3.2 metres true width.

Outlook:

“Despite a challenging second quarter, the Company continues to remain focused on its premier advanced exploration project at Madsen and on further development and operational improvements at its Seabee Camp,” said Claude’s President and Chief Executive Officer, Neil McMillan. “The Company has continued to experience positive exploration results from Madsen Deep and from Seabee Deep. Furthermore, Claude is very enthusiastic with the recently completed major maintenance activities and further development of the higher grade 2c stope at our Seabee Operation which the Company anticipates will help reduce future operational risks.”

During the remainder of 2009, the Company will continue to focus on:

- Advancing the underground and surface exploration drill programs at the Company’s 100 percent owned Madsen exploration property with a continuation of the shaft dewatering program;
- Completing a National Instrument 43-101 resource estimate at Madsen;
- Seabee Mine / Deep exploration and development to increase or sustain reserves and resources at the Seabee Operation;
- Further development of satellite deposits at the Seabee Operation by continuing with an underground bulk sampling program at Porky West and, pending environment approval and permits, moving Santoy 8 towards commercial production; and
- Investing in capital projects and equipment to increase both production and productivity at the Seabee Camp.

Qualified Persons:

The disclosure of scientific and technical information regarding the following Claude properties in this news release were prepared by or under the supervision of the following qualified persons for the purpose of National Instrument 43-101:

Qualified Person	Properties
Philip Ng, P.Eng., Vice President Operations	Seabee
Brian Skanderbeg, P.Geol., Vice President Exploration	Seabee, Madsen

Claude Resources Inc. is a public company based in Saskatoon, Saskatchewan, whose shares trade on the Toronto Stock Exchange (TSX-CRJ) and the NYSE Amex (NYSE Amex-CGR). Claude is a gold exploration and mining company with an asset base located entirely in Canada. Since 1991, Claude has produced approximately 850,000 ounces of gold from its Seabee mining operation in northeastern Saskatchewan. The Company also owns 100% of the 10,000 acre Madsen property in the prolific Red Lake gold camp of northwestern Ontario.

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This Press Release may contain statements which constitute ‘forward-looking’, including statements regarding the plans, intentions, beliefs and current expectations of the Company, its directors, or its officers with respect to the future business activities and operating performance of the Company. The words “may”, “would”, “could”, “will”, “intend”, “plan”, “anticipate”, “believe”, “estimate”, “expect” and similar expressions, as they relate to the Company, or its management, are intended to identify such forward-looking statements. Investors are cautioned that any such forward-looking statements are not guarantees of future business activities or performance and involve risks and uncertainties, and that the Company’s future business activities may differ materially from those in the forward-looking statements as a result of various factors. Such risks, uncertainties and factors are described in the periodic filings with the Canadian securities regulatory authorities, including the Company’s Annual Information Form and quarterly and annual Management’s Discussion & Analysis, which may be viewed on SEDAR at www.sedar.com. Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward-looking statements prove incorrect, actual results may vary materially from those described herein as intended, planned, anticipated, believed, estimated or expected. Although the Company has attempted to identify important risks, uncertainties and factors which could cause actual results to differ materially, there may be others that cause results not to be as anticipated, estimated or intended. The Company does not intend, and does not assume any obligation, to update these forward-looking statements.

A copy of Claude’s Q2 2009 interim financial statements and notes (unaudited) can be viewed www.clauderresources.com. Further information relating to Claude Resources Inc. has been filed on SEDAR and may be viewed at www.sedar.com.

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