



Purdy's Wharf Tower II  
Suite 2001  
1969 Upper Water St.  
Halifax, Nova Scotia  
B3J 3R7 Canada

T 902.444.7779  
F 902.444.3296  
www.acadianmining.com

Trading Symbol: ADA:TSX; C2Z-Frankfurt  
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## **ACADIAN OPTIONS CLAIMS ON FMS TREND, DISTRICT SCALE FEATURE PROSPECTIVE FOR BULK TONNAGE GOLD DEPOSITS IN NOVA SCOTIA**

### **Diamond Drilling Program Scheduled for Fifteen Mile Stream Bulk Tonnage Gold Property**

Acadian Mining Corporation (TSX: ADA) ("Acadian" or the "Company") is pleased to announce that it has entered into an option agreement with Vostok Minerals Inc. ("Vostok") (VOS-TSX-V) to purchase a 100% interest, subject to a 2% nsr, in 2 exploration licenses (the "Vostock Licenses") covering 2,536 hectares on the Fifteen Mile Stream ("FMS") Trend in the Nova Scotia goldfields together with Vostok's extensive Nova Scotia gold exploration database. The terms of the agreement provide for an initial payment of \$5,000, the completion and filing of assessment work to a value of at least \$20,400 and a final payment of \$95,000 on or before July 24, 2009 to exercise the option. The addition of these Vostok Licenses brings Acadian's holdings on the FMS Trend to 32,910 hectares.

The FMS Trend is a northeasterly trending geological corridor which has been identified as being prospective for low grade, bulk tonnage gold deposits potentially amenable to surface mining. Three advanced gold projects currently being explored/developed in Nova Scotia occur on the FMS Trend, including the Beaver Dam and Fifteen Mile Stream properties controlled by Acadian.

The Vostok Licenses are strategically located in the 18 km long interval between Beaver Dam and Fifteen Mile Stream which together host the bulk of Acadian's gold resources. Details of Acadian's gold resources at Beaver Dam and Fifteen Mile Stream are found in News Releases dated July 16, 2007 and May 29, 2008 respectively, which are filed on SEDAR and on the Company's website.

Recognition of the FMS Trend as a district scale feature prospective for bulk tonnage gold deposits represents a major step forward in the search for this type of deposit in Nova Scotia. Key features of the FMS Trend are the coincidence of thick intervals of siltstone and mudstone defining the Fifteen Mile Stream Formation, at the bottom of the Goldenville Group and a favourable structural setting. A pictorial representation showing the distribution of the FMS Trend will be posted on the Company's website.

### **Managements Opinion**

Will Felderhof, President and CEO, stated, "Management is pleased to add the Vostok Licenses to Acadian's holdings on the FMS Trend. We believe the discovery potential on the FMS Trend for low grade – bulk tonnage gold deposits is excellent given that it is host to three such deposits, each at various stages of development. With the bulk of the corporate re-structuring now behind us, we look forward to resuming exploration/development activities, commencing with a proposed drill program on the bulk tonnage target Fifteen Mile Stream gold property in late July."

### Drilling Program – Fifteen Mile Stream Property

A first phase diamond drilling program comprising approximately 3,000 meters is scheduled to commence on or about July 20, 2009. The drill program will be designed to expand the currently defined Egerton-McLean deposit which boasts historic drill intercepts including 102.59 m grading 1.41 g/t gold (cut and uncut) from 49.41 m in DDH 87-024 and 102.93 m grading 1.46 g/t gold (cut and uncut) from 39.07 m in DDH 87-044, and to test other priority targets. See News Release dated May 29, 2008 for technical and resource details, as well as additional historic intercepts.

The gold mineralization at Fifteen Mile Stream occurs as both coarse, nuggety gold in quartz veins and as disseminated to nuggety gold in mudstone host rocks. To date, two gold bearing mudstone units, the Siegel and Orient, have been identified; however there is potential for discovery of additional such units. The Siegel and Orient units have been structurally thickened by the gently east plunging anticlinal fold that comes to surface in the Egerton-McLean area. Approximately 700 m to the west of the Egerton-McLean area, the same fold structure, which takes the shape of an elongated dome, plunges gently to the west in an area known as the Hudson area and is also gold mineralized. Drill hole 85-019 in the Hudson area intersected 13.20 m grading 1.95 g/t gold from 39.38 m and 10.55 m grading 1.16 g/t gold from 60.29 m. It is worth noting that these intervals were only 57% and 44% sampled respectively.

Disseminated gold mineralization was also identified in the 149 East area, located approximately 1,300 m east of the Egerton-McLean area, where an initial drill program (1988), intersected 11.85 m grading 0.82 g/t from 55.0 m and 20.85 m grading 0.69 g/t gold from 286.15 m in DDH 88-083 and 88-094 respectively. These highly encouraging drill results which represented a new discovery in 1988 have never been followed up with a second phase drill program.

Collectively, the Hudson, Egerton-McLean and 149 East areas comprise the core of the Fifteen Mile Stream property and cover a strike length of approximately 3 km. In addition, Acadian controls 18 km of the FMS Trend west of this property to the Beaver Dam bulk tonnage project, an additional 45 km of the FMS Trend to the east of Fifteen Mile Stream and a further 30 km of the FMS Trend southwest of Beaver Dam. The Touquoy surface-bulk tonnage gold project being developed by Sydney, Australia based Atlantic Gold NL is also situated on the FMS Trend 20 km southwest of Beaver Dam. Acadian's mineral claims on the southwest portion of the FMS Trend occur in two groupings; one between Touquoy and Beaver Dam and the other southwest of Touquoy.

Acadian presently has a 50% interest in its Fifteen Mile Stream property. It is a condition precedent of the second tranche of a private placement with Golden River Resources Corporation for \$9 million ("Private Placement") that Acadian acquires the remaining 50% interest. See News Release 06-09 dated April 3, 2009 and 12-09 dated June 10, 2009. The initial closing of this tranche of the Private Placement and the acquisition of the remaining interest in the Fifteen Mile Stream property is expected to occur later this week.

Mineral exploration programs carried out during the period 1985 – 1989 by former operators at Fifteen Mile Stream have resulted in the diamond drilling of 136 NQ drill holes totalling 26,630 meters. The database generated by this work is now the basis of a National Instrument 43-101 compliant technical report and an inferred resource estimate completed on the Egerton-McLean deposit, Effective Date – May 27, 2008 and filed on SEDAR July 4, 2008.

### About Acadian

Acadian is a Halifax, Nova Scotia, Canada based mining company that owns a zinc-lead mine (Scotia Mine) at Gays River, Nova Scotia, which is currently on care and maintenance, and is exploring and

developing gold, zinc-lead, and barite properties in Atlantic Canada. Acadian holds a 29.18% interest in Royal Roads Corp. (RRO-TSX-V), which is actively exploring in Newfoundland and Labrador with a current focus on the historic Buchans Camp.

#### Other

Rick Horne, M.Sc., P. Geo., is a qualified person as defined by National Instrument 43-101 and has reviewed the technical information reported in this news release for accuracy.

#### Forward Looking Statement

Certain information regarding Acadian contained herein may constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements may include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. Although Acadian believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. Acadian cautions that actual performance will be affected by a number of factors, many of which are beyond Acadian's control, and that future events and results may vary substantially from what Acadian currently foresees. Discussion of the various factors that may affect future results is contained in Acadian's Annual Information Form dated March 31, 2009, which is available at [www.sedar.com](http://www.sedar.com). Acadian's forward-looking statements are expressly qualified in their entirety by this cautionary statement.

#### Additional Information

For additional information on Acadian's properties and activities, please visit our web site at [www.acadianmining.com](http://www.acadianmining.com).

#### FOR FURTHER INFORMATION, PLEASE CONTACT:

G. William Felderhof, President & CEO  
or Terry F. Coughlan, Vice President  
(902) 444-7779 Toll Free: 877-444-7774  
[mail@acadianmining.com](mailto:mail@acadianmining.com)  
Halifax, Nova Scotia

*No regulatory authority has approved or disapproved the contents of this release.*