

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 Shares Outstanding: 142,030,407 News Release No. 35-07 December 20, 2007

### ACADIAN MINING INTERSECTS 15.5 METRES OF 6.45% ZINC PLUS LEAD AT ITS GETTY PROPERTY, NOVA SCOTIA

**Acadian Mining Corporation (ADA-TSX)** ("Acadian" or "Corporation") is pleased to announce assay results from its first 38 drill holes of a 100 hole diamond drill program on its Getty zinclead deposit. Results to date support the potential for a bulk tonnage – open pit deposit 1,700 metres from the mill at Scotia Mine. Highlights include drill hole S1019 which intersected 15.5 metres grading 6.45% zinc plus lead including 9.70 metres of 8.70% zinc plus lead, S1020 intersected 11.50 metres grading 5.48% zinc plus lead, hole S1023 which intersected 19.80 metres grading 4.23% zinc plus lead, and hole S1024 which intersected 12 metres grading 6.50% zinc plus lead. The shape of the zinc-lead mineralized carbonate reef structure is not as yet fully defined, and as such true widths cannot be calculated but may vary from 80% to 100% of the intersection width in various locations of the deposit. See Table 1 below for further details.

			Interval	Grade	Grade	Grade
Hole	From (m)	To (m)	(m)	% Zn	% Pb	%Zn+ %Pb
S992	43.00	49.00	6.00	1.52	1.20	2.72
including	44.00	48.00	4.00	1.97	1.68	3.65
S993	80.00	84.00	4.00	1.25	0.76	2.01
including	82.95	84.00	1.05	0.68	2.50	3.18
S994	41.00	54.00	13.00	1.20	0.81	2.01
including	47.00	52.00	5.00	1.47	1.73	3.20
including	48.00	49.00	1.00	2.06	3.30	5.36
S995	45.00	59.00	14.00	1.54	0.97	2.51
including	47.00	50.00	3.00	2.47	1.21	3.68
including	54.00	57.90	3.90	2.07	1.76	3.83
S996	44.00	51.00	7.00	1.33	1.47	2.80
including	48.00	49.00	1.00	1.51	3.40	4.91
S997	41.00	57.00	16.00	1.88	2.62	4.53
including	48.00	49.00	1.00	3.60	1.92	5.52
including	53.00	55.00	2.00	2.44	2.84	5.28
S998	38.00	45.00	7.00	1.73	1.06	2.79
S999	38.00	48.00	10.00	1.41	0.74	2.15
including	43.00	44.00	1.00	1.52	1.87	3.39
including	52.00	53.00	1.00	2.18	2.70	4.88
S1001	34.00	50.00	16.00	1.33	1.85	3.18
including	34.00	43.00	9.00	2.04	2.44	4.48
including	34.00	39.00	5.00	2.86	2.52	5.38
including	37.00	38.00	1.00	3.60	5.00	8.60

Table 1 - Selected Intercepts - Holes S992-S1029

			Interval	Grade	Grade	Grade
Hole	From (m)	To (m)	( <b>m</b> )	% Zn	% Pb	%Zn+ %Pb
S1004	33.00	48.00	15.00	2.39	0.06	2.45
including	34.00	40.00	6.00	3.65	0.08	3.73
including	36.00	39.00	3.00	5.10	0.04	5.14
and	55.00	60.00	5.00	2.16	0.00	2.16
S1005	31.00	46.00	15.00	1.81	0.03	1.84
including	40.00	45.00	5.00	2.97	0.03	3.00
S1011	39.00	49.00	10.00	1.46	0.33	1.79
including	45.00	49.00	4.00	2.04	0.27	2.31
including	48.00	49.00	1.00	2.08	2.29	4.37
S1017	29.00	43.20	14.20	2.61	0.54	3.15
including	36.00	40.00	4.00	3.08	1.15	4.23
including	38.00	39.00	1.00	3.80	1.76	5.56
S1019	55.50	71.00	15.50	5.01	1.44	6.45
including	55.50	65.20	9.70	6.91	1.79	8.70
including	57.00	60.00	3.00	9.43	2.55	11.98
S1020	65.00	76.50	11.50	3.98	1.50	5.48
including	65.00	71.00	6.00	5.52	2.51	8.03
including	70.00	71.00	1.00	5.50	6.30	11.80
S1023	50.20	70.00	19.80	2.74	1.49	4.23
including	50.20	54.00	3.80	5.43	2.91	8.34
including	52.00	53.00	1.00	6.70	4.90	11.60
S1024	100.60	112.60	12.00	1.86	4.64	6.50
including	100.60	107.00	6.40	3.09	5.50	8.59
including	100.60	102.00	1.40	2.90	15.20	18.10
S1025	49.00	58.40	9.40	2.61	0.83	3.44
including	49.00	54.00	5.00	3.40	1.54	4.94
including	51.00	54.00	3.00	5.30	1.78	7.08
S1026	45.00	51.00	6.00	1.86	0.49	2.35
including	47.00	48.00	1.00	2.80	1.00	3.80
S1027	30.00	36.00	6.00	1.68	1.52	3.20
including	32.00	35.00	3.00	2.03	2.38	4.41
S1028	26.00	43.00	17.0	1.94	0.29	2.23
including	28.00	33.00	5.00	3.36	0.31	3.67
including	32.00	33.00	1.00	5.40	0.34	5.74
S1029	64.10	74.30	10.20	3.39	1.25	4.64
including	64.10	72.00	7.90	4.05	1.37	5.42
including	65.00	66.00	1.00	8.40	4.80	13.20

Holes S1000, S1002, S1003, S1006, S1007, S1008, S1009, S1010, S1012, S1014, S1015, S1016, S1018, S1021 and S1022 intersected low-grade lead/zinc mineralization. These drill holes effectively define the east and northeast boundaries of the deposit.

The Getty deposit occurs in the westerly extension of the carbonate reef hosting the adjacent Scotia Mine deposit 700 metres to the east. The diamond drilling program is designed to increase the confidence level to support a subsequent new resource estimate in the measured and indicated categories. The Getty deposit currently hosts inferred resources as described below in Table 2. See News Release No. 34-07, December 12, 2007 for details. Approximately one third of the

drill holes will be drilled to test for possible extensions of the deposit to the west, and also a basement high paleo-topographic feature immediately to the north, which has the potential to be the site of another carbonate reef complex.

Table 2 - NI-43-101 Inferred Resource Estimate for Getty Zinc-Lead Deposit – Effective
December 11, 2007 (News Release No. 34-07, December 12, 2007)

*Zn Eq% Threshold	Tonnes (Rounded)	Pb %	Zn %	*Zn Eq%
2.00%	4,160,000	1.40%	1.81%	3.21%
2.50%	2,860,000	1.60%	2.06%	3.66%
3.00%	1,970,000	1.82%	2.26%	4.08%

\* Note:  $Zn \ equivalent \ (Zn \ Eq\%) = (\ Zn\% + Pb\%)$ 

The Getty deposit resources described above are in addition to the 5.24 million tonnes of measured and indicated resources grading 4.1% zinc and 2.0% lead (undiluted), and 1.8 million tonnes of inferred resources grading 3.1% zinc and 1.1% lead at the adjacent Scotia Mine. For further information on the Scotia Mine deposits, see Acadian Press Release No. 16-06, July 17, 2006. Potential for additional resources occur immediately west of the Getty deposit, at the Carrolls Farm and Carrolls Corner prospects, where diamond drilling has confirmed the continuation of the zinc-lead mineralized carbonate reefs for an additional 2.5 kilometres.

The Scotia Mine presently has a reserve sufficient for approximately five years of open pit production planned at 700,000 tonnes per year and 2.5 years of underground production planned at 472,500 tonnes per year. The inferred resources at Scotia Mine and the Getty deposit, the Smithfield deposit (see News Release No. 32-07, December 3, 2007) and the Carrolls Farm and Carrolls Corner prospects represent potential for extending operations at Scotia Mine beyond 7.5 years.

The Getty deposit is subject to a 1% gross metal royalty to Globex Mining Enterprises Inc. (GMX-TSX, G1M Frankfurt). Acadian has an option to purchase one-half percent for \$300,000 at its option at any time, and has a first right of refusal on the remaining one-half percent.

# Management's Opinion

Will Felderhof, President and CEO, stated "These initial results are in line with our expectations and we are confident the balance of the drill program will put sufficient definition on the deposit to support a pit design to supply feed to the Scotia Mine milling facility.

## Sample Protocol

All drilling, core logging and sampling is supervised by Peter C. Webster, P. Geo., and pertinent information is recorded by staff geologists into a computerized system. Drill core is stored and sampled in a secure locked facility. One metre core sample intervals are established over the entire hole length by staff geologists and sample intervals are recorded. Core is cut by a diamond tipped saw and one half of the core is sampled. Samples are bagged and labeled with pre-numbered sample tags, sealed with a metal tie and secured in sealed buckets for shipment by courier to ALS Chemex in Val d'Or, Quebec. Once received by the lab, samples were logged in

a sample tracking system and received weights were recorded. After crushing, splitting and pulverizing, samples were routinely analyzed by ICP-AES multi-element methodology. Samples returning zinc or lead values >10,000 parts per million were re-analyzed using ore grade assay procedures. The quality control protocol for this program included insertion of standards, blanks and duplicate samples by Acadian and ALS Chemex.

## About the Corporation

Acadian is a Halifax, Nova Scotia, Canada based mining company which operates a zinc-lead mine (Scotia Mine) at Gays River, Nova Scotia and is exploring and developing gold, zinc-lead, and barite properties in Atlantic Canada.

The Scotia Mine operates as an open pit mine and is expected to produce 30,000 tonnes of high grade zinc concentrate and 10,000 tonnes of high grade lead concentrate per year. Please see News Release No. 16-06, July 17, 2006 for further details.

The Corporation is also focused on developing four advanced gold properties, Beaver Dam, Tangier, Forest Hill and Goldenville, which form the core holdings of the Scotia Goldfields project. Each of the four advanced properties host gold resources described in technical reports prepared in compliance with National Instrument 43-101 and are available on www.sedar.com. A summary of gold resources for Goldenville, Forest Hill and Tangier is provided in News Release No. 01-06, January 5, 2006, under the paragraph titled "About Acadian Gold". A summary of gold resources for Beaver Dam is provided in News Release No 23-07, July 16, 2007. The Corporation is bringing a new approach to the development of Nova Scotia gold deposits by pursuing a multiple mine, central processing, managing and servicing strategy.

The Corporation holds a 44.42% equity interest in Royal Roads Corp. ("Royal Roads") (RRO-TSX-V). Royal Roads' principal asset is a 16,075 hectare (approximately 32 km x 5 km) mineral property known as the Tulks North property which is strategically located in the centre of the world-class Buchans base metal camp in central Newfoundland, Canada. In addition, Royal Roads holds a 34.05% equity interest in Buchans River Ltd. ("Buchans River") (BUV–TSX-V), which also holds a highly prospective property portfolio in the Buchans camp. Acadian's indirect interest in Buchans River is 15.13%.

Royal Roads' Tulks North property is host to the Daniels Pond deposit which was discovered by BP Resources Canada Ltd. in 1989. Royal Roads reported (see News Release issued November 7, 2006) an inferred resource (Zn cutoff = 2%, S.G. 4.0) of 1.69 million tonnes grading 0.57% copper, 4.40% lead, 8.37% zinc, 196.9 g/t silver and 0.68 g/t gold over an average width of 4.2 metres.

#### <u>Other</u>

Peter C. Webster, P. Geo., is responsible for the management and supervision of the Corporation's exploration program and is responsible for the preparation of the technical information reported in this news release. Mr. Webster is an independent third party geologist, President of Mercator Geological Services Limited and a qualified person as defined by National Instrument 43-101.

#### Forward Looking Statement

Certain information regarding the Corporation 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 the Corporation 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. The Corporation cautions that actual performance will be affected by a number of factors, many of which are beyond the Corporation's control, and that future events and results may vary substantially from what the Corporation currently foresees. Discussion of the various factors that may affect future results is contained in the Corporation's 2006 Annual Report which is available at www.sedar.com. The Corporation's forward-looking statements are expressly qualified in their entirety by this cautionary statement.

For additional information on the Corporation's properties and activities, please visit our web site at www.acadianmining.com. If you wish to be added to the Corporation's e-mail or fax distribution list for future news releases and updates, please contact Acadian at phone: 902 444-7779, fax: 902 444-3296, email: mail@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 Halifax, Nova Scotia

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