



## NEWS RELEASE

### Advanced Explorations Inc. Announces Filing of NI 43-101 Technical Report

TORONTO, April 27 /CNW/ - Advanced Explorations Inc. (the "Company" or "AEI") is pleased to announce that the NI 43-101 compliant resource estimate (the "Resource Estimate") for its Roche Bay Magnetite Project has been completed by Golder Associates and filed on SEDAR. As previously reported on March 12th, 2009, the global resource estimate for the project's C-Zone amounts to 357.0 million tonnes at an average grade of 28% iron to a depth of 250 metres below surface.

John Gingerich, President & CEO of AEI, commented:

“With the completion of the NI 43-101 Technical Report we have achieved a significant milestone for the Company. It will enable us to finalize the project's economic study which represents a key element to demonstrating the strength of our project to potential strategic partners and investors. As the C-Zone is only one of the five deposits comprising the entire property, we are confident that we have a large resource with an excellent life-of-mine prospect”.

The National Instrument NI 43-101 compliant Resource Estimate was completed by Golder Associates Ltd. ("Golder") in conformance with the CIM Standards of Disclosure for Mineral Projects. It is the Roche Bay Magnetite Project's first NI 43-101 mineral resource estimate that AEI has published for the deposit and is based on 92 NQ holes from the 2007 and 2008 exploration programs on C-Zone completed under the direction of AEI. Please see resource details below.

#### C-Zone - Roche Bay Magnetite Project Inferred Resource Estimate

Cut-off grade Fe (%)	Tonnes (Mt)*	Total Fe (%)	Magnetics (%)**	SiO <sub>2</sub> (%)	Al <sub>2</sub> O <sub>3</sub> (%)	MnO (%)	P <sub>2</sub> O <sub>5</sub> (%)	S (%)	LOI (%)
20	500.3	26.76	25.62	51.17	2.87	0.07	0.20	0.77	0.82
22	481.9	26.97	26.04	51.07	2.79	0.07	0.20	0.76	0.79
24	414.5	27.59	27.39	50.71	2.59	0.07	0.20	0.73	0.69
<b>25</b>	<b>357.0</b>	<b>28.07</b>	<b>28.57</b>	<b>50.37</b>	<b>2.44</b>	<b>0.07</b>	<b>0.20</b>	<b>0.71</b>	<b>0.62</b>

26	287.7	28.70	30.09	49.88	2.27	0.06	0.20	0.67	0.54
28	157.2	30.17	33.66	48.67	1.92	0.05	0.20	0.59	0.33
30	72.3	31.63	37.10	47.52	1.64	0.05	0.20	0.50	0.07

Notes:

(\*) All values rounded to the nearest 100,000 Tonnes

(\*\*) Magnetism is reported directly by SGS Lakefield Research Limited (SGS) laboratory as % Fe<sub>3</sub>O<sub>4</sub> and is the percentage of contained magnetism based on Satmagan test work. It assumes that all recovered material is magnetite. Golder accepts this as reasonable considering the pyrrhotite content is low as demonstrated by the sulphur assays.

Golder considers that for the purpose of public reporting it is appropriate to use the 25% iron cut-off grade which defines an Inferred Mineral Resource of 357.0 million tonnes at an average grade of 28.07% iron to a depth of 250 metres below surface. AEI has advised Golder that they have preliminary metallurgical test work and studies to suggest an economically viable product can be produced from material of this grade.

The mineral resource estimate for the Roche Bay Magnetite Project was completed under the supervision of qualified persons (Mr. Paul Palmer, PGeo., P.Eng of Golder and Dr. Bill Shaw, FAIG, RGeo FAusIMM, CPGeo of Golder Associates Pty Ltd in Australia) who have provided written permission for the release of this resource estimate in the form and context in which it is provided here.

The Company also wishes to announce that Jim Doak has resigned from the board of directors as he is obligated to fulfill other commitments. AEI thanks Jim Doak for his service and wishes him every success in his future endeavors. The Company's AGM will be called shortly and additional Board members will be added then.

## **ON BEHALF OF THE BOARD**

John Gingerich, President & CEO

## **ABOUT Advanced Explorations Inc.**

Advanced Explorations Inc., based in Toronto, Ontario, is a mining exploration company focused on developing high quality iron ore opportunities. As part of this strategy, AEI acquired the option to earn a 100% ownership interest in the Roche Bay Magnetite Project located on the Melville Peninsula in Nunavut, Canada. Led by an experienced management team with technical, exploration and mining expertise the company has the capabilities to rapidly advance the Roche Bay Project and explore other local and global opportunities. Located proximal to a natural deep water harbour the Roche Bay deposit benefits from transportation efficiencies possibly making it one of the world's premium iron ore prospects. In 2008, AEI updated its business plan for the Roche Bay project and is examining moving forward from the traditional iron pellet operation to a granulated pig iron (nugget) business. Shares of the company trade at the TSX Venture Exchange (AXI)

and at the Frankfurt Stock Exchange (AE6). For more information please visit [www.advanced-exploration.com](http://www.advanced-exploration.com).

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