



Athabasca Receives Additional Positive Frac Sand Test Results

Edmonton, Alberta – July 28th, 2011 – Athabasca Minerals Inc. ("Athabasca" or the "Corporation") (TSX Venture: ABM) is pleased to announce it has received impressive test results of conductivity and permeability of its 20/40, 40/70 and 70/140 frac sand. The testing was performed by Stim-Lab, Inc., a recognized leader in proppants testing for the oil and gas industry. The samples were selected from various test holes that represent a typical layer of silica sand from the Corporation's 12,800 hectare Firebag property located in the Wood Buffalo region of Northern Alberta.

Conductivity testing evaluates how easily fluid can pass through sand at reservoir conditions. Various closure stresses are tested to determine how sand withstands forces at different depths and pressures. Permeability measures the ability of fluids to flow through sand (or other porous media), and is measured in a Darcy value.

The results from the testing are as follows:

Conductivity (millidarcy-foot) versus Closure Stress at 150 degrees F

<u>Grain Size</u>	<u>2000 psi</u>	<u>4000 psi</u>	<u>6000 psi</u>	<u>8000 psi</u>	<u>10000 psi</u>
20/40	3309	2173	962	415	149
40/70	1072	775	451	215	111
70/140	572	452	305	151	67

Permeability of Frac Sand – (Darcy)

<u>Grain Size</u>	<u>2000 psi</u>	<u>4000 psi</u>	<u>6000 psi</u>	<u>8000 psi</u>	<u>10000 psi</u>
20/40	178	122	56	26	10
40/70	56	42	25	13	6.7
70/140	30	24	17	8.5	3.9

The samples were evaluated at 2 lb/ft² at 150 °F and long-term for 50 hours at 2000, 4000, 6000, 8000, and 10,000 psi closure stress between Ohio Sandstone.

These test results combined with test results previously announced on June 10th, 2011 provide further positive indication that the Corporation's Firebag property silica sand is suitable for use as quality proppants in hydraulic fracturing.

Previous test results demonstrate Athabasca frac sand in 20/40, 40/70 and 70/140 sizes exhibit high quality crush strength silica ratings, and can be processed with minimal waste. All three grades of frac sand meet or exceed API/ISO specifications for use as quality proppants in hydraulic fracturing in many types of reservoirs and in gravel packing operations.

President Dom Kriangkum states, "We are very pleased with these most recent test results of Athabasca frac sand, and look forward to establishing the quantity potential of our silica resources in the coming months. The demand for frac sand has increased substantially in recent years. The Corporation seeks to position itself as a market leader in the supply of quality frac sand within Alberta and other regions in Canada and the United States.



The Corporation will explore opportunities with companies interested in utilizing its high quality natural frac sand.”

Darrell Cotterill, PGeol, is identified as the company's qualified person under NI 43-101 for this news release.

About Athabasca Minerals Inc.

Athabasca Minerals Inc. is a resource company involved in the management, exploration and development of aggregate projects. These activities include contracts work, aggregate pit management, new aggregate development and acquisitions of sand and gravel operations. The Corporation also has industrial mineral land holdings in the vicinity of Fort McMurray and Peace River, Alberta, for the purpose of locating and developing sources of industrial minerals and aggregates essential to high growth economic development.

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