Avalon is an emerging Canadian producer of the high purity lithium mineral petalite (Li Al Si$_4$O$_{10}$) that is well-suited to serving the needs of specialty glass and ceramic producers. Avalon has developed its own proprietary process technology to achieve exceptional purities in its petalite products from its unique Separation Rapids mineral resource.

Avalon will have two grades of petalite concentrate available for its customers:

**Standard Petalite (4.0-4.2% Li$_2$O)**

**Super Petalite (>4.5% Li$_2$O)**

Avalon’s Standard Petalite product is notable for its very low iron content (less than 100ppm) and consistent SiO$_2$:Al$_2$O$_3$ ratio.

Avalon’s Super Petalite product, in addition to a very low iron content, also achieves exceptionally low levels of alkalis (notably sodium and potassium), as well as a higher lithium content. This unique product is proving to be well-suited for many new specialty glass formulations demanding high purity lithium mineral inputs.

Avalon is now accepting expressions of interest in these products before it finalizes production parameters for its new operation at Separation Rapids near Kenora, Ontario, Canada.

These products will be produced to the highest standards of environmental and social performance, including accessing energy needs primarily from renewable energy sources.

For further information, please contact Avalon Advanced Materials at:

(+1) 416-364-4938  
office@AvalonAM.com  
1901-130 Adelaide Street W.  
Toronto, ON, Canada M5H 3P5

www.AvalonAdvancedMaterials.com