DATA MIRROR CORPORATION

VIA SEDAR

March 29, 2005

Autorité des marchés financiers
800 Square Victoria, 22e étage
C.P. 246, Tour de la Bourse
P.O. Box 246, 22nd Floor
Montréal, Québec H4Z 1G3

Dear Sirs/Mesdames:

Re: DataMirror Corporation
Substantial Issuer Bid
Report under Section 147.10 of the *Securities Act* (Québec)

In accordance with section 147.10 of the *Securities Act* (Québec), DataMirror Corporation (the "Corporation") hereby notifies the Autorité des marchés financiers as follows with respect to the Corporation's substantial issuer bid dated February 11, 2005 (the "Offer") for the purchase of up to 2,000,000 of the Corporation's common shares:

1. Pursuant to the Offer, which expired on March 21, 2005, 2,002,039 common shares validly deposited were taken up by the Corporation at the final purchase price of CDN$10.00 per share as determined in accordance with the "Dutch auction" procedure outlined in the Offer.

2. Payment for shares properly deposited and accepted was made by the Corporation to CIBC Mellon Trust Company, the depositary under the Offer, as agent for the depositing shareholders, on March 24, 2005.

Yours truly,

(signed) PETER CAULEY

Peter Cauley
Vice President, Finance and Chief Financial Officer