

**SOLITARIO RESOURCES CORP**

**Form SC 13G**

**April 26, 2007**

Solitario Resources Corporation  
Common Shares  
83422R106  
April 19, 2007

CUSIP 83422R106

1. Sprott Asset Management Inc.  
Suite 2700, South Tower, Royal Bank Plaza, Toronto, Ontario M5J 2J1  
Canada
2. n/a
- 3.
4. Ontario, Canada
5. 4,525,800
6. 251,900
7. 4,525,800
8. 251,900
9. 251,900
10. n/a
11. 0.9%
12. IA

Item 1

- (a) Solitario Resources Corporation
- (b) 4251 Kipling Street, Suite 390  
Wheat Ridge, Colorado  
80033  
USA

Item 2

- (a) Sprott Asset Management Inc.
- (b) Suite 2700, South Tower  
Royal Bank Plaza  
P.O. Box 27  
Toronto, Ontario M5J 2J1  
Canada
- (c) Canadian
- (d) Common Shares
- (e) 83422R106

Item 3

n/a

Item 4

- (a) 251,900
- (b) 0.9%
- (c) (i) 4,525,800

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(ii) 251,900  
(iii) 4,525,800  
(iv) 251,900

Item 5  
n/a

Item 6  
n/a

Item 7  
n/a

Item 8  
n/a

Item 9  
n/a

Item 10  
April 25, 2007  
Eric Sprott  
Chief Executive Officer