GOLDCORP INC Form 6-K February 23, 2007

FORM 6-K

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Report of Foreign Private Issuer

Pursuant to Rule 13a-16 or 15d-16 of the Securities Exchange Act of 1934

For the month of February 2007

Goldcorp Inc. (Translation of registrant's name into English)

Suite 3400 - 666 Burrard St.
Vancouver, British Columbia V6C 2X8 Canada (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): _____

Note:Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

	Yes	[]	No	[X]	
If "Yes" is marked, indicate below the file r	number	assigne	d to the re	egistrant in connection with Rule 12g3-2(b): 82-	

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

GOLDCORP INC.

Date: February 23, 2007 /s/Anna M. Tudela

Name: Anna M. Tudela

Title: Director, Legal and Assistant Corporate

Secretary

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Fax: (604) 696-3001

Toronto Stock Exchange: G

New York Stock Exchange: GG

GOLDCORP ANNOUNCES 2006 RESERVES, PRODUCTION AND CASH COSTS

(All figures are in US dollars unless stated otherwise)

Vancouver, British Columbia - February 23, 2007 - Goldcorp Inc. (GG:NYSE; G:TSX) today reported reserves, resources, production and cash costs as of and for the year ended December 31, 2006.

- Proven and Probable gold reserves increased by 170 percent to 39.8 million ounces.
- Measured and Indicated gold resources increased more than fivefold to 16.4 million ounces.
 - Inferred gold resources quadrupled to 30.8 million ounces.
 - Proven and Probable silver reserves increase to 781 million ounces

"The acquisition of assets during the year from Placer Dome and Glamis Gold drove the dramatic increases in reserves and resources in 2006," said Kevin McArthur, President and Chief Executive Officer. "Our priority going forward will be on organic growth initiatives designed to unlock further value from our very large mineral concession holdings. We will be investing over \$120 million in exploration during 2007, with most of that directed toward drilling in the shadows of our headframes."

Complete reserves and resources calculations are as follows:

GOLDCORP INC. PROVEN AND PROBABLE RESERVES^{(1),(4),(5),(6)} AS OF DECEMBER 31, 2006

Based on attributable ounces

GOLD		million tonnes	g Au/t	g Au/t
Peñasquito Mill	Mexico	476.93	0.60	9.19
Pueblo Viejo (40.0%)	Dominican Republic	71.71	3.14	7.25
Red Lake	Canada	7.26	22.24	5.19
Los Filos	Mexico	202.65	0.69	4.50
Alumbrera (37.5%)	Argentina	143.47	0.48	2.21
Marlin	Guatemala	16.36	4.16	2.19
Porcupine (51.0%)	Canada	31.40	1.76	1.78
Marigold (66.7%)	United States	61.82	0.71	1.42
Musselwhite (68.1%)	Canada	5.91	6.34	1.21
El Sauzal	Mexico	13.73	2.11	0.93
San Dimas	Mexico	4.32	5.73	0.80
Peñasquito Heap Leach	Mexico	87.06	0.28	0.79
Nukay	Mexico	3.62	6.03	0.70
Amapari	Brazil	6.13	2.46	0.49
Peak	Australia	2.08	6.53	0.44

La Coipa (50.0%)	Chile	10.14	1.32	0.43
Wharf	United States	4.16	1.10	0.15
San Martin	Honduras	4.43	0.75	0.11
TOTAL	GOLD			39.75

SILVER		million tonnes	g Ag/t	million ounces
Peñasquito Mill	Mexico	476.93	33.2	508.3
Peñasquito Heap Leach	Mexico	87.06	23.8	66.5
San Dimas	Mexico	4.32	388.2	53.8
Marlin	Guatemala	16.36	93.5	49.2
Los Filos	Mexico	202.65	5.8	37.9
Pueblo Viejo (40.0%)	Dominican Republic	71.71	16.3	37.5
La Coipa (50.0%)	Mexico	10.14	85.3	27.8
Peak	Australia	2.08	4.4	0.3
TOTAL SILVER				781.4
COP	PER	million tonnes	% Cu	million pounds
Alumbrera (37.5%)(2	Argentina	143.47	0.45%	1,423
Pueblo Viejo (40.0%)	Dominican Republic	71.71	0.10%	153
Peak	Australia	2.08	0.68%	31
TOTAL COPPER				1,607
LE	AD	million tonnes	% Pb	million pounds
Peñasquito Mill	Mexico	476.93	0.35%	3,683
Peak	Australia	2.08	0.14%	7
TOTAL LEAD				3,690
ZIN	NC	million tonnes	% Zn	million pounds
Peñasquito Mill	Mexico	476.93	0.76%	7,982
Pueblo Viejo (40.0%)	Dominican Republic	71.71	0.70%	1,108
Peak	Australia	2.08	0.16%	7
TOTAL	ZINC			9,097

GOLDCORP INC. MEASURED AND INDICATED RESOURCES^{(1),(2),(3),(7)} AS OF DECEMBER 31, 2006

Based on attributable <u>o</u>unces

GOLD		million tonnes	g Au/t	million ounces
Peñasquito Mill	Mexico	271.20	0.30	2.62