

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

MANAGEMENT DISCUSSION AND ANALYSIS FOR THE YEARS ENDED APRIL 30, 2009 AND 2008

Dated: August 21, 2009

Management's Responsibility for Financial Reporting:

The accompanying annual consolidated financial statements have been prepared by management and are in accordance with Canadian Generally Accepted Accounting Principles. Other information contained in this document has also been prepared by management and is consistent with the data contained in the annual consolidated financial statements. Management maintains a system of disclosure controls and procedures designed to provide reasonable assurance that the assets are safeguarded and the financial and other factual information contained herein is accurate and reliable. Further, management has evaluated these disclosure controls and procedures and determined that they are appropriate and effective in providing reasonable assurance that all material information relating to the Company's activities is reflected in this report to the date specified.

The Company's certifying officers, based on their knowledge, having exercised reasonable diligence, are also responsible to ensure that these annual filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by these annual filings, and these annual financial statements together with the other financial information included in these annual filings fairly present in all material respects the financial condition, results of operations and cash flows of the Company, as of the date of and for the periods presented in these annual filings.

The Board of Directors approves the financial statements and ensures that management has discharged its financial responsibilities. The Board's review is accomplished principally through the Audit Committee, which meets periodically to review all financial reports prior to filing.

Certain statements in this report may constitute forward-looking statements that are subject to risks and uncertainties. A number of important factors could cause actual outcomes and results to differ materially from those expressed in these forward-looking statements. Consequently, readers should not place any undue reliance on such forward-looking statements. In addition, these forward-looking statements relate to the date on which they were made.

Description of Business:

The Company is engaged primarily in the acquisition and exploration of mineral properties.

EL TIGRE, LAS SORPRESAS AND PAMEL, PERU:

In 2004 and 2005, the Company undertook a number of reviews of potential business opportunities, and ultimately secured working interests in three properties, El Tigre, Las Sorpresas and Pamel, all located in Peru, from Candente Resource Corp ("Candente").

The Company initiated exploration on the El Tigre and Las Sorpresas properties but all work on these properties had been halted due to uncertain social conditions that had developed in many parts of the country. With respect to El Tigre, while some resolution of the civil unrest occurred in the area, following the assessment of all of the El Tigre results to date, the Company decided to discontinue any further work on the property and terminate the El Tigre option in fiscal 2006. Conditions in Peru continued to be unsettled and no work could be attempted on Las Sorpresas, and in fiscal 2008, the Company decided to also terminate its option on Las Sorpresas.

In 2007, Company completed a drilling program of eleven holes on the Pamel property, each of approximately 100 to 300 metres depth, for a total of 2,586 metres. The Company received the assays for all eleven holes and management was disappointed with the results overall. Consequently, a decision was made to terminate the Pamel option in fiscal 2007.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Description of Business (continued):

SANTA CRUZ, MEXICO:

Following these determinations, management turned its attention to acquiring additional properties of merit, and on June 21, 2007, the Company announced that it had entered into an option agreement with Silverex S.A. de C.V. ("Silverex") to acquire up to a 75% interest in its Santa Cruz property in Durango, Mexico. Under the terms of the agreement, to earn an undivided 50% interest, the Company will issue 500,000 common shares and pay US \$800,000 to Silverex upon the TSX Venture Exchange (the "Exchange") acceptance of the agreement. After one year from the date of acceptance, based on the success of the exploration, the Company may issue an additional 500,000 common shares and pay an additional US \$800,000. After the second anniversary, the Company may make an additional cash payment to bring the total value of cash payments and share issuances to US \$4,000,000. In addition, the Company is required to incur a minimum of US \$500,000 of expenditures on the property in each year from the acceptance date for a total period of four years. At any time during this initial four-year program period, the Company has the option to earn an additional undivided 25% interest, having met the above share issue and cash payment requirements, by issuing additional common shares having a deemed value of US \$1,000,000 and pay an additional US \$3,000,000. Upon earning an undivided 75% interest, Orex and Silverex will participate on a joint venture basis in further exploration and development of the Santa Cruz property.

Located in the Sierra Madre Occidental Mountains, Otaez Municipality, midway between Tayoltita (San Dimas) and Topia mining camps, the Santa Cruz property is in one of the world's most prolific mineral belts. Santa Cruz is an epithermal gold-silver camp divided into three structural districts. The property hosts three main gold-silver bearing districts, the Eastern, Central and Western, as well as the previously operating Santa Cruz Mine. Road access to the Orozco area of the Eastern District and, more recently, the Zambrana area of the Western District was completed.

Following construction of drill pads, in April 2009, the Company commenced a drill program. Diamond drilling was performed by Major Drilling Group International Inc. and took place in the Western structural district. This initial phase of drilling consisted of 3,070 metres in 12 holes, starting in the Zambrana area and continuing northwest toward the Carmen area. The Zambrana structure is interpreted to be a fault zone, with quartz veining at the contact between an andesite unit and an altered dioritic intrusive. The intrusive also contains multiple zones of quartz veinlet and stringer mineralization. All 12 drill holes hit the target structure, but most were low-grade.

To date, the Company has paid acquisition costs of \$1,318,700 (US \$1,250,000) and issued 1,000,000 common shares to Silverex pursuant to the terms of the Santa Cruz property agreement. The Company did not complete the required payments under the option agreement and was required to make an additional US\$350,000 payment prior to November 1, 2008. Subsequent to April 30, 2009, Silverex and the Company entered into negotiations to amend the agreement and the Company continues to maintain an interest in the property.

The Company has also advanced funds to rehabilitate old access roads, construct new access roads and an airstrip and to install an on-site communication system. As reported previously, there is a flotation mill at the Santa Cruz Mine which has been reconditioned. In November 2007, the Company paid \$506,750 (US \$500,000) to reinstate an existing 90 ton/day mill facility to operating condition. Any net proceeds generated from operations will be shared equally by the Company and Silverex. Silverex will operate the mill and oversee test milling and the Company will serve in an advisory role.

The Santa Cruz Mill commenced test operation in mid-June 2008 at an initial rate of 50 tpd, utilizing the south ball-mill and south banks of flotation cells. The north ball-mill and flotation cells are planned for operation, increasing capacity to 90 tpd. For a brief period before the rainy season, the hand-cobbed tennantite program operated in the La Fragua area, under the direction of Silverex. In August 2008, severity of the rainy season led to a shutdown of the mill due to difficulties moving material from the mining portal to the mill site. Repairs to the haulage roads were completed after the 2008 rainy season ended. Milling operations are currently halted pending a review of the mill feed sourcing from the Santa Cruz and Zambrana areas.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Description of Business (continued):

CONETO, MEXICO:

On July 16, 2009, the Company signed a “letter of intent” to purchase 100% of the core mineral concessions within the Coneto silver-gold mining camp in Durango State, Mexico. This agreement, with a number of private Mexican mining companies, gives the Company a strategic position in an important historic mining camp, with multiple targets for exploration.

Located in the Mesa Central on the eastern flank of the Sierra Madre Occidental Mountains, Coneto is centrally positioned in the “Mexican Silver Trend”. This silver trend, stretching from Guanajuato in the southeast, through the states of Zacatecas and Durango, hosts some of the world’s largest silver deposits, including: Real de Angeles, Zacatecas, Fresnillo, La Preciosa, and La Pitarilla mining camps.

Coneto is a mining camp, consisting of approximately 3,300 hectares of claims, with a history going back over 400 years. More than 30 epithermal silver-gold quartz veins have been documented in a window of exposed Tertiary Lower Volcanic andesites. Past underground production was achieved on three of the veins down to the watertable. Very little diamond drilling has been carried out within the property in spite of its long history of episodic production.

The pending purchase agreement will provide for a 100% transfer of the core mineral concessions in exchange for 11,000,000 common shares of the Company. The property is subject to a 2.5% NSR royalty payable to the vendors, such royalty reduced to 1.5% on payment of a lump sum of US\$1 million. The agreement is subject to the approval of the TSX Venture Exchange.

Ben Whiting, P.Geo., is the Qualified Person, as defined in National Instrument 43-101, and takes responsibility for the technical disclosure in this report.

Results of Operation for the Three Months Ended April 30, 2009 and 2008:

In the fourth quarter of fiscal 2009, the Company incurred exploration expenses amounting to \$713,797, which was 99 per cent higher than the \$358,565 incurred in the fourth quarter of fiscal 2008, when the Company was less active in its work program on the Santa Cruz property. These expenses consisted of drilling costs of \$73,394, geological costs of \$105,737, assay costs of \$3,780, site costs of \$494,438 and other general exploration costs of \$36,448, all incurred on the Santa Cruz property. Of the exploration expenditures in the fourth quarter of fiscal 2008, \$277,923 were incurred on the Santa Cruz property and \$80,642 were incurred on the Las Sorpresas property.

General operating costs totalled \$251,994 for the fourth quarter, which was 21 per cent higher than those incurred in 2008 of \$207,742. The increase can be attributed primarily to higher investor relations costs associated with raising financing and increased travel to the Santa Cruz property. For the fourth quarter, the Company recorded a \$85,034 charge to reflect the imputed non-cash cost of stock options to directors, officers, staff and consultants that vested in the period, which was higher than the charge of \$77,125 in the same period of 2008. All other costs were consistent with those incurred in the fourth quarter of the prior year.

The loss in the fourth quarter of 2009 amounted to \$998,364 or \$0.02 per share, which is 54 per cent higher than the loss in the fourth quarter of 2008 of \$647,319 or \$0.02 per share. The increase can be attributed primarily to the higher exploration costs incurred this quarter on the Santa Cruz property.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Results of Operation for the Years Ended April 30, 2009 and 2008:

During fiscal 2009, the Company incurred exploration expenses amounting to \$2,119,600, which was 107 per cent higher than the \$1,024,237 incurred in fiscal 2008, when the Company was just initiating its work program on the Santa Cruz property in Mexico. The current year expenses consisted of drilling costs of \$73,394, geological costs of \$336,961, assay costs of \$35,654, site costs of \$1,580,415, primarily for road rehabilitation, and other general exploration costs of \$93,176, all incurred on the Santa Cruz property. The site costs rose 99 per cent for road repairs required due to the severe rain damage this past winter. Of the exploration expenditures in fiscal 2008, \$946,595 were incurred on the Santa Cruz property and \$80,642 were incurred on the Las Sorpresas property.

General operating costs totalled \$873,685 for fiscal 2009, which was 10 per cent lower than those incurred in fiscal 2008 of \$966,740. The decrease can be attributed primarily to lower stock-based compensation expense. In 2009, the Company recorded a \$191,719 charge to reflect the imputed non-cash cost of stock options to directors, officers, staff and consultants that vested in the period, which was significantly lower than the charge of \$324,926 in 2008. In 2009, the Company incurred higher professional fees of \$92,710 due to the preparation required for a financing compared to the amounts incurred in the prior year of \$65,327. Travel costs of \$71,006 were 13 per cent higher compared to \$63,015 incurred last year as more travel was required to the Santa Cruz property to initiate the drill program. All other costs were consistent with those incurred in the prior year.

The loss in fiscal 2009 amounted to \$3,038,835 or \$0.06 per share, which is 49 per cent higher than the loss in fiscal 2008 of \$2,034,009 or \$0.05 per share. The increase can be attributed primarily to the higher exploration costs incurred this year on the Santa Cruz property.

Property Acquisition Costs:

	Las Sorpresas, Peru	Santa Cruz, Mexico	Total
Balance, as at April 30, 2007	\$ 87,633	\$ -	\$ 87,633
Acquisition costs	-	1,111,100	1,111,100
Write-off	(87,633)	-	(87,633)
Advances on equipment	-	506,750	506,750
Balance, as at April 30, 2008	-	1,617,850	1,617,850
Acquisition costs	-	477,600	477,600
Balance, as at April 30, 2009 and August 21, 2009	\$ -	\$ 2,095,450	\$ 2,095,450

In July of 2008, the Company made a strategic decision to discontinue funding exploration on the Las Sorpresas property and to allow the option agreement on this property to expire. Accordingly, in fiscal 2008, the Company recorded a loss on disposal in the amount of \$87,633 to expense acquisition costs that had been capitalized in a prior period.

In June of 2007, the Company announced that it had entered into an option agreement with Silverex S.A. de C.V. to acquire up to 75% interest in the Santa Cruz property in Durango, Mexico. Per the terms of the agreement, to date the Company has paid acquisition costs of \$1,318,700 (US \$1,250,000), issued 1,000,000 common shares valued at \$270,000 to Silverex and paid \$506,750 (US \$500,000) for refurbishment of the existing mill, for total capitalized costs of \$2,095,450.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Property Exploration Expenditures as of April 30, 2009:

	Las Sorpresas, Peru \$	Santa Cruz, Mexico \$	Total \$
FISCAL 2009			
Drilling	–	73,394	73,394
Geological	–	336,961	336,961
Assay	–	35,654	35,654
Site costs	–	1,580,415	1,580,415
General exploration	–	93,176	93,176
Total expenditures for the year	–	2,119,600	2,119,600
TOTAL TO DATE			
Drilling	–	73,394	73,394
Geophysical	114,977	–	114,977
Geochemical	57,807	–	57,807
Geological	181,533	469,208	650,741
Assay	–	37,753	37,753
Site costs	–	2,375,272	2,375,272
General exploration	129,261	107,568	236,829
Total expenditures to date	483,578	3,063,195	3,546,773

The Las Sorpresas property was written off in fiscal 2008.

Selected Annual Financial Information:

	For the year ended April 30, 2009	For the year ended April 30, 2008	For the year ended April 30, 2007
Total revenues	Nil	Nil	Nil
Loss before discontinued operations and extraordinary items:			
(i) total for the year	\$ 3,038,835	\$ 2,034,009	\$ 2,311,292
(ii) per share	0.06	0.05	0.09
(iii) per share fully diluted	0.06	0.05	0.09
Net loss:			
(i) total for the year	\$ 3,038,835	\$ 2,034,009	\$ 2,311,292
(ii) per share	0.06	0.05	0.09
(iii) per share fully diluted	0.06	0.05	0.09
Total assets	\$ 2,664,803	\$ 2,516,307	\$ 2,103,514
Total long-term financial liabilities	Nil	Nil	Nil
Cash dividends declared per-share	Nil	Nil	Nil

In fiscal 2009, the loss for the year was significantly higher than prior years due to higher exploration costs of \$2,119,600 associated with initiating a drill program on the Santa Cruz property in Mexico. General operating costs were lower than prior years at \$873,685 and included a \$191,719 charge for stock-based compensation.

In fiscal 2008, the loss for the year was lower than the previous year as the focus of exploration, which cost \$1,024,237, transitioned to the Company's new Santa Cruz property in Mexico. General operating costs were also slightly lower than prior years at \$966,740 and included a \$324,926 charge for stock-based compensation.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Selected Annual Financial Information (continued):

In fiscal 2007, the loss for the year increased significantly due to the active exploration program underway which cost \$1,332,792. General operating costs were also up significantly from prior years at \$984,708 due to the inclusion of a \$430,214 charge for stock-based compensation.

Selected Quarterly Financial Information:

	4th Quarter Ended April 30, 2009	3rd Quarter Ended January 31, 2009	2nd Quarter Ended October 31, 2008	1st Quarter Ended July 31, 2008
(a) Revenue	Nil	Nil	Nil	Nil
(b) Loss for period	998,364	603,195	689,273	748,003
(c) Loss per share	0.02	0.01	0.01	0.02
	4th Quarter Ended April 30, 2008	3rd Quarter Ended January 31, 2008	2nd Quarter Ended October 31, 2007	1st Quarter Ended July 31, 2007
(a) Revenue	Nil	Nil	Nil	Nil
(b) Loss for period	647,319	476,537	652,231	257,922
(c) Loss per share	0.02	0.01	0.02	0.01
	4th Quarter Ended April 30, 2007	3rd Quarter Ended January 31, 2007	2nd Quarter Ended October 31, 2006	1st Quarter Ended July 31, 2006
(a) Revenue	Nil	Nil	Nil	Nil
(b) Loss for period	559,374	898,618	452,997	400,303
(c) Loss per share	0.02	0.02	0.02	0.02

The loss in each quarter of fiscal 2009 was primarily due to the exploration costs on the Santa Cruz property, which amounted to \$476,091, \$466,866, \$462,846 and \$713,797 for the first, second, third and fourth quarters respectively. For the fourth quarter of fiscal 2009, a major component of general operating expenses was a charge of \$85,034 for stock-based compensation recorded to reflect the computed value of stock options that vested in the period.

The loss in the first quarter of fiscal 2008 was primarily due to the costs of sustaining the Company. The higher second, third and fourth quarter losses were primarily due to exploration costs on the Santa Cruz property, which amounted to \$342,742, \$293,362 and \$358,565 respectively. General operating costs remained relatively in line for all quarters.

The losses in fiscal 2007 were primarily due to the Company's exploration efforts on its Peruvian properties, the Pamel property in particular.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Outstanding Share Data:

(a) Share capital and contributed surplus

	Number of Shares	Share Capital	Contributed Surplus
Authorized:			
Unlimited number of common shares without par value			
Issued:			
Balance at April 30, 2007	32,123,420	\$ 6,224,003	\$ 1,496,118
Private placement	8,000,000	1,200,000	-
Finders Fees	397,500	59,625	-
Mineral properties	550,000	260,500	-
Options exercised	175,000	48,000	(10,750)
Warrants exercised	2,640,000	897,284	(235,784)
Stock-based compensation	-	-	324,926
Share issuance costs	-	(73,957)	-
Balance at April 30, 2008	43,885,920	8,615,455	1,574,510
Private placement	16,000,000	1,600,000	-
Finders Fees	1,200,000	120,000	-
Mineral properties	500,000	25,000	-
Warrants exercised	3,535,550	956,896	(249,786)
Stock-based compensation	-	-	191,719
Share issuance costs	-	(145,148)	-
Balance at April 30, 2009	65,121,470	11,172,203	1,516,443
Private placement	2,525,000	505,000	-
Finders Fees	189,375	37,875	-
Warrants exercised	1,550,000	310,000	-
Stock-based compensation	-	-	2,884
Share issuance costs	-	(50,049)	-
Balance at August 21, 2009	69,385,845	\$ 11,975,029	\$ 1,519,327

On June 4, 2007, the Company issued 8,000,000 units at \$0.15 per unit for gross proceeds of \$1,200,000 under a non-brokered private placement. Each unit consisted of one common share and one half of one share purchase warrant. Each whole share purchase warrant entitles the holder thereof to purchase one additional common share for 24 months from the date of closing at a price of \$0.20 per common share. The full value of \$1,200,000 was assigned to the common shares based on their fair values at the closing date of the private placements. In connection with the private placement, the Company issued 397,500 units valued at \$59,625 as a commission with terms similar to those issued under the private placement. The Company incurred cash share issuance costs of \$14,332 on the private placement.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Outstanding Share Data (continued):

(a) Share capital and contributed surplus (continued)

On February 24, 2009, the Company issued 16,000,000 units at \$0.10 per unit for gross proceeds of \$1,600,000 under a non-brokered private placement. Each unit consisted of one common share and one share purchase warrant. Each share purchase warrant entitles the holder thereof to purchase one additional common share for 24 months from the date of closing at a price of \$0.15 per common share. The full value of \$1,600,000 was assigned to the common shares based on their fair values at the closing date of the private placements. In connection with the private placement, the Company issued 1,200,000 units valued at \$120,000 as a commission with terms similar to those issued under the private placement. The Company incurred cash share issuance costs of \$25,148 on the private placement.

(b) Stock options and warrants

The Company has a plan to grant stock options to directors, officers, employees and consultants of the Company. Under the plan, the board of directors has the discretion to issue the equivalent of up to 10% of the issued and outstanding shares of the Company from time to time. Stock options are generally for a term of up to five years from the date granted and are exercisable at a price that is not less than the market price on the date granted. Vesting terms are determined at the discretion of the board of directors.

Stock option and share purchase warrant transactions are summarized as follows:

	Warrants		Stock options	
	Number	Weighted Average Exercise Price	Number	Weighted Average Exercise Price
Outstanding, April 30, 2007	9,144,210	\$ 0.30	2,492,000	\$ 0.39
Granted	4,198,750	0.20	1,565,000	0.27
Exercised	(2,640,000)	0.25	(175,000)	0.21
Expired	<u>(798,060)</u>	0.30	<u>-</u>	-
Outstanding, April 30, 2008	9,907,900	0.27	3,882,000	0.35
Granted	17,200,000	0.15	700,000	0.15
Exercised	(3,535,550)	0.20	-	-
Expired	(2,353,600)	0.50	-	-
Forfeited	<u>-</u>	-	<u>(45,000)</u>	0.39
Outstanding, April 30, 2009	21,218,750	0.16	4,537,000	0.22
Granted	1,357,187	0.30	300,000	0.15
Exercised	(1,550,000)	0.20	-	-
Expired	(2,468,750)	0.20	-	-
Forfeited	<u>-</u>	-	<u>(50,000)</u>	0.40
Outstanding, August 21, 2009	18,557,187	\$ 0.16	4,787,000	\$ 0.22

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Outstanding Share Data (continued):

(b) Stock options and warrants (continued)

The following options and warrants to acquire common shares of the Company were outstanding at April 30, 2009 and August 21, 2009:

Number of Shares At April 30, 2009	Number of Shares At August 21, 2009	Exercise Price	Expiry Date
Options			
99,000	99,000	\$ 0.10	June 7, 2014 (1) (4)
425,000	425,000	0.40	June 7, 2014 (1) (5)
50,000	-	0.40	June 7, 2009 (2)
100,000	100,000	0.33	June 7, 2014 (1) (5)
111,000	111,000	0.10	March 23, 2010 (4)
92,000	92,000	0.10	May 6, 2010 (4)
535,000	535,000	0.10	September 11, 2011 (4)
520,000	520,000	0.43	September 11, 2011 (5)
150,000	150,000	0.43	September 11, 2011
200,000	200,000	0.10	November 6, 2011 (4)
25,000	25,000	0.10	May 9, 2012 (4)
755,000	755,000	0.10	September 27, 2012 (4)
50,000	50,000	0.27	September 27, 2012
725,000	725,000	0.27	September 27, 2012 (5)
200,000	200,000	0.26	June 17, 2013 (5)
250,000	250,000	0.10	December 19, 2013
250,000	250,000	0.11	January 30, 2011
-	300,000	0.10	June 7, 2014 (1) (4)
Warrants			
4,018,750	-	0.20	June 4, 2009
17,200,000	17,200,000	0.15	February 24, 2011
-	1,357,187	0.30	June 22, 2011

(1) During fiscal 2009 the expiry date of these options was extended from June 7, 2009 to June 7, 2014.

(2) Subsequent to April 30, 2009 these options expired unexercised.

(3) Subsequent to April 30, 2009 the Company issued 1,550,000 common shares for proceeds of \$310,000 pursuant to the exercise of these warrants. The remaining 2,468,750 warrants expired unexercised.

(4) During fiscal 2009, a total of 1,817,000 options were repriced to \$0.10 per share on January 7, 2009.

(5) A total of 1,970,000 options are subject to disinterested shareholder approval, in order to be repriced to \$0.10 per share. The Company will seek such disinterested shareholder approval at its next annual general meeting scheduled for September 2009.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Liquidity:

The Company's cash position declined from the opening level of \$705,887 at the beginning of the year to the year-end level of \$510,362.

On February 24, 2009, the Company issued 16,000,000 units at \$0.10 per unit for gross proceeds of \$1,600,000 under a non-brokered private placement. Each unit consisted of one common share and one share purchase warrant. Each share purchase warrant entitles the holder thereof to purchase one additional common share for 24 months from the date of closing at a price of \$0.15 per common share. The full value of \$1,600,000 was assigned to the common shares based on their fair values at the closing date of the private placements. In connection with the private placement, the Company issued 1,200,000 units valued at \$120,000 as a commission with terms similar to those issued under the private placement. The Company incurred cash share issuance costs of \$25,148 on the private placement.

As at April 30, 2009, the Company had received share subscriptions of \$485,000 toward a non-brokered private placement that closed subsequent to the year-end. Additional funding was received during the year from the exercise of 3,535,550 warrants whereby the Company issued 3,535,550 shares for cash proceeds of \$707,110.

The operating loss for the year of \$3,038,835, after adjustments for non-cash items and changes in other working capital balances, required total cash funding of \$2,509,887.

In addition, during fiscal 2009, the Company paid cash acquisition costs of \$452,600 (US\$450,000) for the Santa Cruz property, pursuant to the terms of the option agreement with Silverex S.A. de C.V., adding to its mineral property costs.

As a consequence, at the end of the year, the funds on hand at the beginning of the year of \$705,887, supplemented by the net cash proceeds from financing activities aggregating \$2,766,962 were used to fund the cash loss from operations of \$2,509,887 and the cash acquisition costs of the Santa Cruz property agreement of \$452,600, such that at April 30, 2009, the Company held \$510,362 in its accounts.

Commitments:

Pursuant to an agreement dated June 14, 2007, the Company was granted an option by Silverex S.A. de C.V. to acquire up to a 75% interest in the Santa Cruz property in Durango, Mexico. Under the terms of the agreement, to earn an undivided 50% interest, the Company will issue 500,000 common shares and pay US \$800,000 to Silverex upon the TSX Venture Exchange (the "Exchange") acceptance of the agreement. After one year from the date of acceptance (November 1, 2007), based on the success of the exploration, the Company may issue an additional 500,000 common shares and pay an additional US \$800,000. After the second anniversary, the Company may make an additional cash payment to bring the total value of cash payments and share issuances to US \$4,000,000. In addition, the Company is required to incur a minimum of US \$500,000 of expenditures on the property in each year from the acceptance date for a total period of four years. At any time during this initial four-year program period, the Company has the option to earn an additional undivided 25% interest, having met the above share issue and cash payment requirements, by issuing additional common shares having a deemed value of US \$1,000,000 and pay an additional US \$3,000,000. Upon earning an undivided 75% interest, Orex and Silverex will participate on a joint venture basis in further exploration and development of the Santa Cruz Property.

As reported under the terms of the option agreement with Silverex, the phasing of exploration expenditures for the Santa Cruz property is as follows:

		(US\$)
November 1, 2008	\$	500,000
November 1, 2009		500,000
November 1, 2010		500,000
November 1, 2011		500,000
	\$	2,000,000

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Commitments (continued):

The Company has incurred exploration expenditures on the Santa Cruz property totaling \$3,063,195 to April 30, 2009 and consequently, has met all of the exploration expenditure requirements of the option agreement.

To date, the Company has issued 1,000,000 shares, valued at \$270,000, and paid \$1,318,700 (US \$1,250,000), to Silverex. The Company has also paid \$506,750 (US \$500,000) for refurbishment of the existing mill on the property so that a small-scale mining operation can commence. The Company did not complete the required payments under the option agreement and was required to make an additional US\$350,000 payment prior to November 1, 2008. Subsequent to April 30, 2009, Silverex and the Company entered into negotiations to amend the agreement and the Company continues to maintain an interest in the property.

CORPORATE SUMMARY:

At this time, due to the costs of the drilling program and the related assay work incurred after the year end, the Company's cash on hand has declined from the year-end level and management is attempting to seek additional interest in funding new work planned. On July 16, 2009, the Company announced that it had signed a letter of intent to acquire a second property representing 100% of the core claims in the Coneto silver-gold camp in Durango, Mexico. New work on this property, when the acquisition is completed will also warrant additional funding. The terms of the Coneto acquisition call for the issuance of 11,000,000 common shares of the Company in exchange for the 100% interest. The Company does not have adequate funds on hand presently to sustain its corporate operations nor to fund new exploration work on its properties. Management believes that the Company will require substantial funding to undertake new exploration work in fiscal 2010.

While there has been great volatility in the stock markets, which would raise questions about the Company's ability to raise new capital and thereby sustain or expand its operations, the Company has received indications from current and interested investors of their willingness to invest further in the Company due to its pending agreement to purchase 100% of the core mineral concessions within the Coneto silver-gold mining camp. Furthermore, this year, there have been numerous public financings completed by major mining companies and by junior companies, adding further support to this market-receptive perspective. However, there is no certainty that the Company will be successful in its efforts to raise capital if needed, which would cause the Company to reconsider its viability as a going concern at that time and how best to sustain its reduced level of operations, pending a return to better market conditions where a financing could be completed.

Capital Resources:

The Company had \$153,910 cash as of August 20, 2009. The Company will continue to seek capital through public markets by issuing common shares pursuant to private placements.

Related Party Transactions:

The Company entered into the following transactions with related parties:

- (a) Paid or accrued management fees of \$168,800 (2008 - \$162,700) to companies controlled by the President, Chief Financial Officer and Secretary.
- (b) Paid or accrued rent of \$73,560 (2008 - \$72,510) to a company with common directors.
- (c) Paid or accrued fees of \$44,672 (2008 - \$11,290) to companies controlled by directors. These amounts were included in exploration expenditures.

These transactions have been in the normal course of operations and are recorded at their exchange amounts, which is the consideration agreed upon by the related parties.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Investor Relations:

In April 2009, the Company retained the services of a firm to provide investor relations services to the Company. The agreement with A.J.F. Consultants Ltd. is subject to termination with 30 days notice.

Adoption of New Accounting Standards and Developments:

Effective May 1, 2008, the Company adopted the following standards of the CICA Handbook.

(a) Section 1400 – Assessing going concern

This Section was amended to include requirements for management to assess and disclose an entity's ability to continue as a going concern.

(b) Section 1535 – Capital disclosures

This Section establishes standards for disclosing information about an entity's capital and how it is managed. Under this standard the Company will be required to disclose the following, based on the information provided internally to the entity's key management personnel:

- (i) qualitative information about its objectives, policies and processes for managing capital,
- (ii) summary quantitative data about what it manages as capital.
- (iii) whether during the period it complied with any externally imposed capital requirements to which it is subject.
- (iv) when the company has not complied with such externally imposed capital requirements, the consequences of such non-compliance.

(c) Section 3862 – Financial instruments – disclosures

This Section requires entities to provide disclosure of quantitative and qualitative information in their financial statements that enable users to evaluate (a) the significance of financial instruments for the entity's financial position and performance; and (b) the nature and extent of risks arising from financial instruments to which the entity is exposed during the period and at the balance sheet date, and management's objectives, policies and procedures for managing such risks. Entities will be required to disclose the measurement basis or bases used, and the criteria used to determine classification for different types of instruments.

The Section requires specific disclosures to be made, including the criteria for:

- (i) designating financial assets and liabilities as held for trading;
- (ii) designating financial assets as available-for-sale; and
- (iii) determining when impairment is recorded against the related financial asset or when an allowance account is used.

(d) Section 3863 – Financial instruments - presentation

This Section was issued to enhance financial statement users' understanding of the significance of financial instruments to an entity's financial position, performance and cash flows. This section establishes standards for presentation of financial instruments and non-financial derivatives. It deals with the classification of financial instruments, from the perspective of the issuer, between liabilities and equity, the classification of related interest, dividends, losses and gains, and the circumstances in which financial assets and financial liabilities are offset.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Future Accounting Pronouncements:

(a) International financial reporting standards (“IFRS”)

In 2006, the Canadian Accounting Standards Board (“AcSB”) published a new strategic plan that will significantly affect financial reporting requirements for Canadian companies. The AcSB strategic plan outlines the convergence of Canadian GAAP with IFRS over an expected five year transitional period. In February 2008, the AcSB announced that 2011 is the changeover date for publicly-listed companies to use IFRS, replacing Canada’s own GAAP. The date is for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011. The transition date of May 1, 2011 will require the restatement for comparative purposes of amounts reported by the Company for the year ended April 30, 2011. The Company continues its assessment of the impact of adopting IFRS and has not yet determined its effect on its financial statements. Management’s assessment to date indicates that there will be minor effects on the Company’s disclosures on adoption of IFRS, but there will be no major financial impact or accounting changes. However, it is recognized that the IFRS requirements are evolving daily in advance of the transition date, and such changes may alter this early assessment in the intervening period.

(b) Business combinations

In January 2009, the CICA issued Section 1582, “Business Combinations”, Section 1601, “Consolidations”, and Section 1602, “Non-Controlling Interests”. These sections replace the former Section 1581, “Business Combinations”, and Section 1600, “Consolidated Financial Statements”, and establish a new section for accounting for a non-controlling interest in a subsidiary.

Sections 1582 and 1602 will require net assets, non-controlling interests and goodwill acquired in a business combination to be recorded at fair value and non-controlling interests will be reported as a component of equity. In addition, the definition of a business is expanded and is described as an integrated set of activities and assets that are capable of being managed to provide a return to investors or economic benefits to owners. Acquisition costs are not part of the consideration and are to be expensed when incurred. Section 1601 establishes standards for the preparation of consolidated financial statements.

These new sections apply to interim and annual consolidated financial statements relating to fiscal years beginning on or after January 1, 2011. Earlier adoption of these sections is permitted as of the beginning of a fiscal year. All three sections must be adopted concurrently. The Company is currently evaluating the impact of the adoption of these sections.

(c) Goodwill and intangible assets

In February 2008, the CICA issued Section 3064, “Goodwill and Intangible Assets”. Effective for fiscal years beginning on or after October 1, 2008, this section provides guidance on the recognition, measurement, presentation and disclosure for goodwill and intangible assets, other than the initial recognition of goodwill or intangible assets acquired in a business combination. Retroactive application to prior period financial statements will be required. The Company does not expect these changes to have an impact on its consolidated financial statements.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Financial Instruments:

(a) Fair value of financial instruments

The Company has various financial instruments including cash, receivables, and accounts payable and accrued liabilities. The carrying values of these financial instruments approximate their fair values due to the near-term maturity of these financial instruments.

(b) Concentrations of business risk

The Company maintains a majority of its cash with a major Canadian financial institution. The Company maintains the remainder of its cash with a major Mexican financial institution. Deposits held with these institutions may exceed the amount of insurance provided on such deposits.

As the Company operates in an international environment, some of the Company's transactions are denominated in currencies other than the Canadian dollar. Fluctuations in the exchange rates between these currencies and the Canadian dollar could have a material effect on the Company's business, financial condition and results of operations.

(c) Credit risk

The Company is exposed to credit risk only with respect to uncertainties as to timing and amount of collectability of receivables. The Company believes its credit risk is low because its receivables are primarily comprised of input value-added tax (IVA) and goods and services tax (GST), which are recoverable from the governing body in Mexico and Canada respectively. As the Company's exploration operations are conducted solely in Mexico, the Company's operations are also subject to the economic risk associated with that country.

(d) Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Company manages liquidity risk through the management of its capital structure.

Accounts payable and accrued liabilities are due within the current operating period.

(e) Foreign exchange risk

A significant portion of the Company's operational transactions are originally or effectively denominated in US dollars. As well, because the Company's primary operations are in Mexico, some costs are denominated in Mexican pesos. Accordingly, the results of Company's operations and comprehensive loss as stated in Canadian dollars will be impacted by exchange rate fluctuations. The Company does not hedge its exposures to movements in the exchange rates at this time.

The Company's exposure to foreign currency risk is on its cash, receivables and accounts payable and accrued liabilities. At April 30, 2009, a hypothetical change of 10% in the foreign exchange rate between the Canadian dollar and US dollar would have a \$20,000 effect on loss and comprehensive loss while a hypothetical change of 10% in the foreign exchange rate between the Canadian dollar and the Mexican Peso would have a \$2,000 effect.

OREX MINERALS INC.

(An Exploration Stage Company)

ANNUAL REPORT TO SHAREHOLDERS

APRIL 30, 2009

(Expressed in Canadian Dollars)

Financial Instruments (continued):

(f) Interest rate risk

The Company has interest rate risk arising from its bank deposits. The Company does not engage in any hedging activity to reduce its exposure to interest rate risk. Based on bank deposit balances at April 30, 2009, a hypothetical change of 1% in the interest rate for the upcoming year would have a \$5,000 effect on net loss and comprehensive loss.

(g) Price risk

Mineral prices, in particular gold and silver, are volatile, and have fluctuated sharply in recent periods. The prices are subject to market supply and demand, political and economic factors, and commodity speculation, all of which can interact with one another to cause significant price movement from day to day and hour to hour. These price movements can affect the Company's ability to operate and to raise financing through the sale of its common shares.

Subsequent Events:

Subsequent to year end, the Company:

- (a) Issued 2,525,000 units at \$0.20 per unit for gross proceeds of \$505,000 under a non-brokered private placement. Each unit consisted of one common share and one half of one non-transferable share purchase warrant. Each whole share purchase warrant entitles the holder thereof to purchase one additional common share for 24 months from the date of closing at a price of \$0.30 per common share. In connection with the private placement, the Company issued 189,375 units as a commission with terms similar to those issued under the private placement. The Company incurred cash share issuance costs of \$12,174 on the private placement.

As at April 30, 2009, the Company had received share subscriptions of \$485,000 toward this private placement.

- (b) Signed a letter of intent to purchase 100% of the core mineral concessions within the Coneto silver-gold mining camp in Durango State, Mexico. The pending purchase agreement will provide for a 100% transfer of the core mineral concessions in exchange for 11,000,000 common shares of the Company. The property is subject to a 2.5% NSR royalty payable to the vendors, reduced to 1.5% on payment of a lump sum of US\$1,000,000.
- (c) Granted incentive stock options to a consultant to purchase 300,000 common shares exercisable at \$0.15 per share for a period of two years ending July 17, 2011.
- (d) Issued 1,550,000 common shares for proceeds of \$310,000 pursuant to the exercise of warrants.

Additional Information:

Additional information relating to the Company may be accessed on the System for Electronic Document Analysis and Retrieval (SEDAR) at www.sedar.com.