

GRYPHON GOLD CORP
Form 10-K/A
September 14, 2012

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

**FORM 10-K /A
Amendment No. 1**

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE
ACT OF 1934**

For the fiscal year ended March 31, 2012

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission file number: 333-127635

GRYPHON GOLD CORPORATION

(Exact Name of Registrant as Specified in its Charter)

Nevada

*(State of other jurisdiction of incorporation or
organization)*

92-0185596

(I.R.S. Employer Identification No.)

**611 N. Nevada Street
Carson City, Nevada**

(Address of Principal Executive Offices)

89703

(Zip Code)

775-883-1456

(Registrant's Telephone Number, including Area Code)

SECURITIES REGISTERED PURSUANT TO SECTION 12(b) OF THE ACT: **None**

SECURITIES REGISTERED PURSUANT TO SECTION 12(g) OF THE ACT: **Common Stock, \$0.001 par value**

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Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes [] No [X]

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

Yes [] No [X]

Indicate by checkmark whether the registrant (1) filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes [X] No []

Indicate by check mark whether the Registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 229.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes [X] No []

Indicate by checkmark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to the Form 10-K. [X]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "Accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act (Check one):

Large Accelerated Filer [] Accelerated Filer [] Non-Accelerated Filer [] Smaller Reporting Company [X]

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).

Yes [] No [X]

State the aggregate market value of the voting and non-voting common equity held by non-affiliates computed by reference to the price at which the common equity was last sold, or the average bid and asked price of such common equity, as of the last business day of the registrant's most recently completed second fiscal quarter: \$46,805,169

The number of shares of the Registrant's Common Stock outstanding as of June 25, 2012 was 194,103,382

EXPLANATORY NOTE

This Amendment No. 1 is being filed solely for the purpose of amending our disclosures relating to our controls and procedures. The original disclosure incorrectly stated the criteria by which Management conducts the evaluation of the design and operation of the Company's internal control over financial reporting. Page 72 now correctly states the criteria by which Management conducts the evaluation of the design and operation of the Company's internal control over financial reporting, which is based on the criteria established in an Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission. Except for these corrections, there have been no changes in any of the financial or other information contained in the report. For convenience, the entire Annual Report on Form 10-K, as amended, is being re-filed.

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FORWARD-LOOKING STATEMENTS

This annual report on Form 10-K and the exhibits attached hereto contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements concern anticipated results and developments in our operations in future periods, planned exploration and development of its properties, plans related to its business and other matters that may occur in the future. These statements relate to analyses and other information that are based on forecasts of future results, estimates of amounts not yet determinable and assumptions of management.

Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions or future events or performance (often, but not always, using words or phrases such as expects or does not expect, is expected, anticipates or does not anticipate, plans, estimates or stating that certain actions, events or results may, could, would, might or will be taken, occur or be achieved) statements of historical fact and may be forward-looking statements.

With respect to forward-looking statements and information contained in this annual report, we have made assumptions regarding, among other things:

- the future price of gold;
- estimates related to future costs of production, additional mining operations, capital requirements, operating and exploration expenditures;
- continued government regulation of mining operations in accordance with past regulatory practices;
- our ability to increase production at the Borealis Property to expand production within expected time frames; and
- our ability to raise any additional capital required to fund our exploration, capital expenditures, development and working capital requirements.

Forward-looking statements are subject to a variety of known and unknown risks, uncertainties and other factors which could cause actual events or results to differ from those expressed or implied by the forward-looking statements, including, without limitation:

- the timing and possible outcome of regulatory and permitting matters and exploration and development activities;
- risks related to production including, mine safety, labor and equipment costs;
- the parameters and design of any additional mining facilities on the Borealis Property;
- future financial or operating performances of Gryphon Gold, its subsidiaries and its projects;
- the estimation of mineralization and production based on mineralization estimates;
- the timing and cost of exploration, development and production activities including capital, operating and exploration expenditures;
- the effect of our Senior Gold Stream Facility obligations on our cash flow and our results of operations;
- the limitations on our authorized share capital and our ability to issue additional shares of common stock without an amendment to our articles of incorporation;
- requirements for additional capital and our ability to raise additional capital;
- government regulation of mining operations, environmental risks, reclamation and rehabilitation expenses;
- title disputes or claims and disputes related to royalty payments;
- limitations of insurance coverage;
- the future price of gold, silver, or other minerals; and
- any royalties imposed by the State of Nevada.

This list is not exhaustive of the factors that may affect our forward-looking statements. Some of the important risks and uncertainties that could affect forward-looking statements are described further under the sections titled Risk Factors and Uncertainties , Description of the Business and Management s Discussion and Analysis of this annual report. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those anticipated, believed, estimated or expected. We caution readers not to place undue reliance on any such forward-looking statements, which speak only as of the date made. We disclaim any obligation subsequently to revise any forward-looking statements to reflect events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events, except as required by law.

We qualify all the forward-looking statements contained in this annual report by the foregoing cautionary statement

PART I

Cautionary Note to U.S. Investors Regarding Mineral Reserve and Resource Estimates

Certain of the technical reports, the preliminary assessment and the pre-feasibility study referenced in this annual report use the terms "mineral resource," "measured mineral resource," "indicated mineral resource" and "inferred mineral resource". We advise investors that these terms are defined in and required to be disclosed by NI 43-101; however, these terms are not defined terms under the SEC s Industry Guide 7 (Guide 7) and are normally not permitted to be used in reports and registration statements filed with the SEC. As a reporting issuer in Canada with our primary trading market in Canada, we are required to prepare reports on our mineral properties in accordance with NI 43-101. We reference those reports in this annual report for informational purposes only and such reports are not incorporated herein by reference. Investors are cautioned not to assume that any part or all of mineral deposits in the above categories will ever be converted into Guide 7 compliant reserves. "Inferred mineral resources" have a great amount of uncertainty as to their existence, and great uncertainty as to their economic and legal feasibility. It cannot be assumed that all or any part of an inferred mineral resource will ever be upgraded to a higher category. Under Canadian rules, estimates of inferred mineral resources may not form the basis of feasibility or pre-feasibility studies, except in rare cases. Investors are cautioned not to assume that all or any part of an inferred mineral resource exists or is economically or legally mineable. Disclosure of "contained pounds" in a resource is permitted disclosure under Canadian regulations; however, the SEC normally only permits issuers to report mineralization that does not constitute "reserves" by SEC standards as in place tonnage and grade without reference to unit measures.

ITEM 1. BUSINESS

Name and Incorporation

Gryphon Gold Corporation (Gryphon Gold or the Company) was formed under the laws of the State of Nevada on April 24, 2003.

Our principal business office, which also serves as our administration and financial office, is located in the United States at 611 N. Nevada Street, Carson City, Nevada, 89703 and our telephone number is 775-883-1456.

We own 100% of the issued and outstanding shares of our operating subsidiary, Borealis Mining Company (BMC). BMC was formed under the laws of the State of Nevada on June 5, 2003.

Business Objectives

Gryphon Gold is in the business of acquiring, exploring, and developing gold properties in the United States, emphasizing the State of Nevada. Our objective is to increase value of our shares through the exploration, development and extraction of gold deposits, on our Borealis Property, located in Nevada s Walker Lane Gold Belt.

In the spring of 2010, we developed a plan for the start-up of the Borealis Project on a staged basis. The object of the plan was to raise sufficient capital to begin gold recovery and to use internal cash flow to grow the operation to the full 42,000 ounces per year as presented in the 2009 study design. All of the capital and operating cost were based upon the 2009 Study design and numbers, with updates of critical operating parameters and confirmation of critical capital expenditures.

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On October 21, 2010, we announced that we had developed a new strategic plan (plan) to potentially expedite production at the Borealis Property. The focus was to finalize critical data pertaining to the Freedom Flats releach at the Borealis Property and then to finance the scaled-down version of the mine start-up. The Phase 1 concept of our plan was to begin gold recovery from the previously mined and partially leached Freedom Flats oxide heap. The plan required the construction of a new leach pad and ponds. Gold recovery to bullion was planned to occur in the fourth month after ground breaking and would have occurred either through a toll process or at an Adsorption Desorption Recovery plant (the ADR).

In November 2010, we began the sample collection from the Freedom Flats releach to confirm the critical data pertaining to heap gold grade (oz. per ton) and gold and silver recovery. Metallurgical test work, was conducted by an independent Nevada testing firm, began in November 2010.

In April 2011, we received the Pre-Feasibility Study which provided updated capital and operating cost estimates for our plan. The object of Phase 1 was to raise sufficient capital to begin gold recovery and to use internal cash flow to expand operations to allow us to extract in excess of 42,000 ounces per year gold equivalent Pre-Feasibility Study design, although our current target is to extract 25,000 to 30,000 ounces of gold and gold equivalents. The plan contemplated the construction of a leach pad and ponds. The April 2011 Pre-Feasibility Study shows an average annual production of over 42,000 ounces a year gold-equivalent for six years, \$12.7 million in initial capital costs (consisting of initial construction costs of \$8.61 million, bonding costs of \$3 million, \$0.41 million in additional indirect capital costs and a \$0.75 million contingency) and average life-of-mine cash operating cost of \$851 per ounce of gold. While the Pre-Feasibility Study forms the basis for the classification of some of the gold and silver resources on the Borealis Property as proven or probable reserves, as defined in accordance with the Definition Standards on Mineral Resources and Mineral Reserves of the Canadian Institute of Mining, Metallurgy and Petroleum, adopted for the purposes of NI 43-101, the Pre-Feasibility Study is not a bankable feasibility study and cannot form the basis for proven or probable reserves on the Borealis Property for the purposes of U.S. securities laws. For the purposes of reporting under U.S. securities laws, only a final or bankable feasibility study which uses the three-year, historical average price may form the basis of the classification of mineralization as proven reserves or probable reserves.

Pursuant to the Pre-Feasibility Study, Phase 1 of our plan was anticipated to cost approximately \$12.7 million and to provide cash flow that will fund Phase 2. This next Phase was anticipated to expand the leach pad; increase the crushing and mining equipment; construct the permanent gold recovery plant and begin mining in the Borealis Property's East Ridge open pit. Cash flows from Phase 2 are expected to provide the capital required to expand the mine to full production. The main activities associated with full production were: push back of the Freedom Flats pit exposing high grade oxide gold, development of roads and infrastructure, and pre-stripping and development of the remaining oxide reserves. The cash flows was also anticipated to provide the funding needed to continue the exploration required to expand the oxide resources for expansion of mine life.

Based upon our plan under the Pre-Feasibility Study and the financing Gryphon Gold obtained in May 2011, Gryphon Gold broke ground on June 6, 2011. The loading of material to the heap leach pad commenced on August 13, 2011 and we shipped gold and silver loaded on carbon on October 8, 2011 to and independent refiner.

In the course of initial development, the Borealis Project was severely limited in the amount of material that could be placed on the leach pad as a result of the contractor being unable to produce the leach pad overliner in a timely manner. This challenge was not remedied until mid-December, 2011. Also during this period the crusher was removed from the site for nearly two months for emergency maintenance and a smaller less efficient temporary crusher was used, however tonnage delivery was reduced as this crusher availability was limited due to unforeseen continual maintenance requirements. In addition, the pump that delivers solutions to the leach pad from the barren ponds was undersized, resulting in a reduced flow to the pad of less than 50% of design capacity. This problem was remedied in March 2012, with the installation of an additional pump. Because of these delays and challenges, additional financing was required to complete and develop Phase II, and we successfully closed a \$15,000,000 financing on April 12, 2012.

Phase II is anticipated to include a leach pad expansion and mobilization of a larger crusher unit as well as the completion of the ADR. In order to get to expand production mining activities we will have to commence in the Borealis Pit. Main activities to expand the Borealis Project's production will include;

- Development of roads, power and other infrastructure
- Pre-stripping and development of the remaining oxide reserves
- Efficient mining and processing of approximately 3-5 million tons per year

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The initial mine plan is estimated at 3 years with an additional 3 years if drilling confirms our current oxide resource. In year seven reclamation will begin with heap wash down. Expansion of the mine life past the initial 6-year estimate is dependant on the expansion of current mineralization or the discovery of additional mineralization through further exploration drilling on the property.

As mentioned, groundbreaking occurred for the construction of the Borealis Project on June 6, 2011. By December, 2011, 605 ounces of gold was loaded on carbon and delivered to an independent refiner. When the refinery informed us that they could no longer accept deliveries we built additional inventories until the fourth quarter where we delivered and sold an additional 975 ounces of gold to Waterton Global LLC.

During the fourth quarter, our ADR plant was 90% complete and became operational. On March 30, 2012, we produced our first bar of doré containing 418 ounces of gold and 724 ounces of silver.

History and Background of Company

Borealis Property

In July 2003, through BMC, Gryphon Gold acquired from Golden Phoenix Minerals, Inc. (Golden Phoenix) an option to earn up to a 70% joint venture interest in the mining lease for the Borealis Property (July 2003 Option and Joint Venture Agreement) by making qualified development expenditures on that property.

On January 10, 2005, BMC entered into a purchase agreement with Golden Phoenix which gave BMC the right to purchase the interest of Golden Phoenix in the Borealis Property for \$1,400,000. Golden Phoenix transferred its interest in the Borealis Property to BMC on January 28, 2005. BMC paid \$400,000 of the purchase price to Golden Phoenix upon closing of the purchase, and four additional quarterly payments of \$250,000 were made to Golden Phoenix. With the final payment of \$250,000 on January 24, 2006, BMC completed all the required payments under the purchase agreement and now has 100% control of the Borealis Property. A portion of the Borealis Property is subject to mining leases, as described under the caption Borealis Property, below.

As sole shareholder of BMC, Gryphon Gold controls all of the lease rights to a portion of the Borealis Property, subject to advance royalty, production royalty, and other payment obligations imposed by the lease. Our acquisition of the interest of Golden Phoenix in the Borealis Property terminated the July 2003 Option and Joint Venture Agreement.

In addition to our leasehold interest to a portion of the Borealis Property, we also own through BMC numerous unpatented mining claims that make up the balance of the Borealis Property, and all of the documentation and samples from years of exploration and development programs carried out by the previous owners and operators of the Borealis Property.

On November 30, 2006, our board of directors concluded that we would not proceed with the financing and near term construction and production of a heap leach mine on the Borealis Property. The feed for the proposed mine was remnants from the previously mined open pits, and heap and dump material associated with the historical mining operations. The decision not to proceed was made due to the impact of certain technical corrections to the previously announced feasibility study and related NI 43-101 technical report, dated August 15, 2006. The technical corrections reduced the anticipated quantity of recoverable gold and silver over the project life, and resulted in a marginal projected return on investment based on the gold and silver prices at that time. In light of the decision not to proceed with development of a mine, in December 2006, we closed our Denver office, terminated operations and engineering staff, including our Chief Operating Officer and our Vice President of Borealis Project Development. Our Vice President of Exploration was relocated to Nevada.

In January 2007, we started the process of completing a mineralization estimate covering the entire Borealis Property that included all drilling results obtained during calendar year 2007. We also continued extension drilling, focused on

the expansion of the Graben deposit and exploration drilling for a new gold deposit within the two newly identified potentially gold-bearing hydrothermal systems in the pediments. This drilling program consisted of a series of Graben deposit expansion drilling and extension drilling north and west of the successful G3 - G13 fence of holes. The drilling of the Graben deposit alternated with follow up exploration drilling in the Central and Western Pediments where 10 holes have intersected two distinct hydrothermal systems hidden beneath the pediments.

In April of 2008, we completed the Technical Report that included all drilling results to date, which was furnished to the SEC as Exhibit 99.1 to our Form 8-K filed on May 12, 2008 and filed pursuant to Canadian securities laws and available on www.sedar.com. The Technical Report details mineralization on our Borealis Property. The Technical Report states that the recommended course of action for us is to increase gold mineralization by completing additional drilling primarily in the previously mined areas, to complete a technical report to determine the feasibility of near term production, and through continued drilling and exploration, delineate possible new mineralization on the Borealis Property.

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On August 22, 2008, we entered into a 12-month option agreement, at a cost of \$250,000 and an additional \$35,902 to cover legal costs, to amend the Borealis Property Mining Lease to provide an option to fix the net smelter return royalty rate at 5%, versus an uncapped variable rate. The exercise price was \$1,750,000 in cash, 7,726,250 shares of our common stock and a three year, \$1,909,500, 5% note payable.

During September, 2008, we released the Preliminary Assessment on the development of an oxide heap leach mine on the Borealis Property. The Preliminary Assessment was furnished to the SEC as Exhibit 99.1 to our Form 8-K filed on October 7, 2008 and filed pursuant to Canadian securities laws and available on www.sedar.com. The report outlines the possibility of developing a mineable oxidized gold deposit on the Borealis Property. The Preliminary Assessment is not a bankable feasibility study and cannot form the basis for proven or probable reserves on the Borealis Property.

Two water monitoring wells were installed during the quarter ended September 30, 2008. Under our permits, a water-monitoring program must be active for at least six months prior to the placement of material on a leach pad, and these wells were therefore necessary prior to the start of any leaching operation.

No exploration drilling was completed during the year ended March 31, 2009. A water well necessary for the construction of the Borealis Project was installed during the quarter ended June 30, 2008. As of March 31, 2008, approximately 203 holes and 142,220 feet of reverse circulation (which we refer to as RC) drilling had been completed by us. A majority of the holes are in the area of existing mineralization in order to allow us to complete the Preliminary Assessment with the aim of identifying gold reserves. During fiscal 2008, the majority of the holes drilled were to attempt to expand the Graben mineralization or complete exploration in the Pediment areas of the Borealis Property.

During September 2009, we released the 2009 Study on the development of an oxide heap leach mine. The 2009 Study was furnished to the SEC as Exhibit 99.2 to our Form 8-K as filed on September 22, 2009 and filed pursuant to Canadian securities laws and available on www.sedar.com. The 2009 Study is based on open pit mining and heap leaching of oxide and mixed oxide ores that occur in and around previously mined open pits and re-leaching of ores that were mined and leached during prior operations. The 2009 Study is not a bankable feasibility study. Cautionary Note to U.S. Investors: The 2009 Study uses the terms mineral resource, measured mineral resource, indicated mineral resource and inferred mineral resource. We advise investors that these terms are defined in and required to be disclosed by NI 43-101; however, these terms are not defined terms under Guide 7 and are normally not permitted to be used in reports and registration statements filed with the SEC. See Cautionary Note to U.S. Investors above.

On February 12, 2010, we and the Lessors entered into Amendment No. 2 to the Option Agreement Amendment to Mining Lease dated August 22, 2008 (which we refer to as the Mining Lease Option Agreement). Pursuant to Amendment No. 2, the Mining Lease Option Agreement was amended to provide for the extension of the Option Term from February 22, 2010 until August 22, 2010 and the extension of the Condemnation Period from August 22, 2010 to August 22, 2011. As consideration for entering into Amendment No. 2, we agreed to pay the Lessors \$150,000 comprised of cash in the amount of \$25,000 and shares of our common stock equal to \$125,000, calculated based on eighty percent of the average five day closing price immediately prior to the payment date. On August 11, 2010, the option was extended until February 22, 2011 for a cash payment of \$150,000.

On April 25, 2011, we released the Pre-Feasibility Study for the development of the Borealis Property, which was furnished to the SEC as Exhibit 99.1 to our Form 8-K filed on April 26, 2011 and filed pursuant to Canadian securities laws and available on www.sedar.com. The mineralization data and the economic analysis data contained in the Pre-Feasibility Study supersedes and replaces the data contained in the Technical Report, the Preliminary Assessment and the 2009 Study. The Pre-Feasibility Study evaluated a potential oxide heap leach mining and production operation on the Borealis Property and estimated that such an operation would have a six-year mine life with an average annual production of 42,000 ounces per year gold equivalent and require \$12.7 million in initial capital costs (consisting of initial construction costs of \$8.61 million, bonding costs of \$3 million, \$0.41 million in additional indirect capital costs and a \$0.75 million contingency) with an average life-of-mine cash operating cost of \$851 per ounce of gold.

Life of mine capital costs include \$12.9 million in direct costs, \$8.86 million of indirect costs, \$1.2 million of contingency costs, for total life of mine capital costs of \$23 million. The Pre-Feasibility Study is not a bankable feasibility study and cannot form the basis for proven or probable reserves on the Borealis Property.

On May 26, 2011, we announced that on site construction work for the Borealis Project was scheduled to begin on June 6, 2011, that heap leach pad construction was scheduled for early June with pad loading scheduled for late July, that all major components for Phase 1A had been placed on order and delivery complied with the anticipated time line and that we anticipate first revenue from gold sales as early as October, 2011.

On June 6, 2011, we began site work at the Borealis Project. During the current fiscal year we completed construction of the leach pad, both pregnant and barren ponds, carbon columns, roads, grounds and power distribution system.

As at March 31, 2012 the ADR was approximately 90% complete and operational. To date, we have invested \$19.6 million in construction of the total site and the mineral property at Borealis. We poured our first doré bar on March 30, 2012 and have poured doré each week since then. We expect our operating cost per ounce to be in the \$900-\$1,000 per ounce range in the upcoming fiscal year.

Recent Substantial Capital Raises

May Common Stock Offering

On May 18, 2011, we closed a public offering of 80,000,000 shares of our common stock at a price of \$0.125 per share for aggregate gross proceeds of approximately \$10,000,000. As part of the offering the underwriters were granted an over-allotment option to cover over-allotments, if any. In connection with the closing of the initial offering, one underwriter exercised its over-allotment option in full for an additional 6,000,000 shares of our common stock at \$0.125 per share for additional gross proceeds of \$750,000. On May 24, 2011, the second underwriter exercised their over-allotment option in part for an additional 3,060,000 shares of our common stock at a price of \$0.125 per share for additional gross proceeds of \$382,500.

July Debenture Offering

On July 27, 2011, we closed a \$3,169,514 debt offering of units at a price of \$1,000 CAD per unit. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing July 28, 2012 and 1,500 Series P Warrants. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.20 USD per share until January 27, 2013. We also issued each of Acumen and Roth 112,500 Broker Warrants exercisable to acquire shares of common stock at a price per share of US\$0.20, until January 27, 2013.

The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, September 30, and December 31 of each year commencing on September 30, 2011. The debentures were issued under the Trust indenture, which contains customary terms, conditions and covenants. The debentures were secured by a pledge of shares of BMC and a general security interest in the assets of Gryphon Gold. We repaid these debentures in April 2012.

November Debenture Offering

On November 22, 2011 we closed another \$4.3 million debt offering of units. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing November 23, 2012 and 750 Series Q Warrants. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.40 USD per share until May 22, 2013.

The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, and September 30. The debentures were issued under a Trust Indenture, which contains terms, conditions, covenants and restrictive covenants, including restrictive covenants that limited our ability to issue equity and debt securities. The debentures were secured by a pledge of the shares of BMC and a general security interest in our assets which was subordinate to the security interest granted to holders of the debentures issued on July 27, 2011. We repaid these debentures in April 2012.

Waterton Global Value LP Bridge Loan

On March 20, 2012, we entered into a Bridge Loan facility with Waterton Global LLC for \$1,500,000. The loan was to be paid within 60 days or be subject to immediate repayment from the \$15,000,000 Senior Credit Facility. Security for the loan was a perfected lien and a first priority security interest in all tangible and intangible properties and assets of Gryphon Gold. The loan accrued interest at a 15% rate and included a \$30,000 structuring fee, \$100,000 for legal and other related expenses, as well as payment of 1,500,000 Series R Warrants, each entitling the lender to purchase one common share of Gryphon Gold stock at a strike price of C\$0.1862 per share. The warrants expire on March 20, 2015.

In conjunction with the bridge loan the noteholders of the July and November 2011 debentures were issued an aggregate total of 14,955,308 Series S Warrants, each exercisable to acquire our common shares at a price of \$0.164 until September 20, 2013.

Waterton Global Value LP Senior Credit Facility

On April 18, 2012, we entered into a Senior Secured Gold Stream non-revolving credit facility with Waterton Global Value, LP, by its Investment Manager, Altitude Management Ltd. (the Senior Facility), in the aggregate amount of \$15,000,000. The full \$15,000,000 was advanced to us on April 19, 2012, and we used the proceeds to pay off the Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, as well as our C\$3,000,000 10% subordinated secured notes, due in July of 2013, and our C\$4,500,000 10% subordinated secured notes, due November 27, 2013. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The amount of monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The Senior Facility bears an interest rate at 5% per annum. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

We paid Waterton a non-refundable structuring fee equal to 1% of the draw-down amount and issued Waterton 14,062,500 Series T Warrants, exercisable to acquire shares of common stock at a price of C\$0.16 per share until April 18, 2015.

As part of the Senior Facility, we entered into a Gold and Silver Supply Agreement with Waterton whereby Waterton has the right to purchase all of the gold and silver produced by BMC at the Borealis property. The Gold and Silver Supply agreement is effective from the closing date of the Senior Facility until the Borealis Property ceases operations.

Management

James T. O Neil serves as our Chief Executive Officer (CEO). Mr. O Neil began his career with ASARCO in 1973 where he ended up as Vice President-Finance and Administration from 2001-2004. From 2004-2006 Mr. O Neil was Vice President-Finance, Controller, & Treasurer with Apollo Gold Corporation. From 2006 until present, Mr. O Neil served as CFO and Chief Operations Officer of Jipangu International.

R. Llee Chapman serves as our Chief Financial Officer. Mr Chapman has over 30 years of mining and financial experience. Mr Chapman spent 11 years at the Goldstrike Operation for Barrick Gold, was Executive Vice President and Chief Financial Officer for Apollo Gold from 2002 - 2005, spent three years as Regional Vice President of Business Services for Newmont Mining Corp and operated a mining/financial consulting company for several years.

Steven K. Jones serves as our Vice President Exploration. Mr Jones has 34 years of mining and exploration experience.. Mr Jones spent 4 years with Phillips Petroleum as an exploration geologist, 2 years with Getty Mining as a consulting exploration geologist, 4 years with Pegasus Gold as a Senior Geologist, 14 years with Kennecott Exploration as a manager of geology, and 10 years as an international consulting geologist

Lisanna M. Lewis serves as our Vice President - Treasurer and Secretary. Ms. Lewis was appointed in 2010.

Corporate Strengths

We believe that we have the following business strengths that will enable us to achieve our objectives:

- Our executive management team has significant operating, financial and exploration experience in Nevada and our Borealis management team has many years of heap leach experience in developing and operating mines in the North American.
- As the Borealis Property was the site of surface mining operations from 1981 to 1990, the process to receive permits and start operations on previously mined operations is less difficult than getting permits for a

previously undisturbed area. The USDA Forest Service and the Nevada Bureau of Mining Regulation and Reclamation have both approved the Plan of Operations and Reclamation Plan, allowing us to proceed with the development of a heap leach mine, assuming sufficient oxide reserves are found and additional financing is available. We have also received approvals for surface exploration and water wells and have successfully progressed through the required agency and public review process for those permits.

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- Our land position is extensive; we control 751 unpatented mining claims covering approximately 15,020 acres and one 5 acre millsite claim. We believe many surface showings of gold mineralization on the property may provide opportunities for discovery of additional gold deposits. Our property has multiple types of gold deposits including oxidized material, partial oxidized material, and predominantly sulfide material; which we believe may allow us flexibility in our future plans for mine development and expansion, assuming additional financing is available.

Proven and probable reserves as defined in the 2011 Study are 210,800 oz Au Proven and 158,000 oz Au Probable (*Not an SEC Guide 7 compliant resource*). Whether a mineral deposit will be commercially viable depends on a number of factors, including the particular attributes of the deposit; metal prices, which are volatile and cyclical; the cost to extract and process the mineralized material; and government regulations and permitting requirements.

We have focused our activities on Nevada. Mining is an integral part of Nevada's economy. Nevada ranks fourth in the world in gold production, after South Africa, Australia, and China. Located in the State of Nevada are well known geological trends such as the Carlin Trend, Battle Mountain, Getchell Trend and the Walker Lane Trend. The Borealis Property is also located along the Aurora-Bodie trend which crosses the principal Walker Lane Trend as shown in the illustration below. Borealis, Bodie, Aurora, and other historical producing districts, are aligned along this northeast-southwest belt of significant gold deposits.

(Source: Gryphon Gold, 2005)

Gold Industry

Gold Uses. Gold has two main categories of use: fabrication and investment. Fabricated gold has a variety of end uses, including jewelry, electronics, dentistry, industrial and decorative uses, medals, medallions and official coins. Gold investors buy gold bullion, official coins and jewelry.

Gold Supply. The supply of gold consists of a combination of production from mining and the draw-down of existing stocks of gold held by governments, financial institutions, industrial organizations and private individuals. In recent

years, mine production has accounted for 60% to 70% of the annual supply of gold.

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Gold Prices and Market Statistics

The following table presents the annual high, low and average afternoon fixing prices for gold over the past six years, expressed in U.S. dollars per ounce on the London Bullion Market.

| Year | High | Low | Average |
|-------------|-------------|------------|----------------|
| 2006 | \$ 726 | \$ 521 | \$ 604 |
| 2007 | \$ 841 | \$ 608 | \$ 681 |
| 2008 | \$ 1,011 | \$ 713 | \$ 872 |
| 2009 | \$ 1,213 | \$ 810 | \$ 972 |
| 2010 | \$ 1,421 | \$ 1,058 | \$ 1,225 |
| 2011 | \$ 1,896 | \$ 1,316 | \$ 1,571 |

(Source: Kitco)

The price of gold closed at \$1,570 per ounce on June 25, 2012, based on the London PM Fix Price.

Competition

We compete with a number of other, some of which are larger and better financed, mining companies for the acquisition, exploration, financing and development of gold properties. There is competition for the limited number of gold acquisition and exploration opportunities, some of which are with other companies having substantially greater financial resources than we have. As a result, we may have difficulty acquiring attractive gold projects at reasonable prices. We also compete with other mining companies for mining engineers, geologists and other skilled personnel in the mining industry and for exploration and development equipment.

We believe no single company has sufficient market power to materially affect the price or supply of gold in the world market.

Employees

As of March 31, 2012, we had 4 full-time corporate employees working out of the Carson City Office. Our office in Vancouver, British Columbia was closed in May of 2012, before that we had 1 full time and 1 part time employee working there. As of March 31, 2012, BMC, our wholly-owned subsidiary, had 36 employees including 6 mine management and 30 staff at the site.

Environmental Regulation

Our projects are subject to various federal, state and local laws and regulations governing protection of the environment. These laws are continually changing and, in general, are becoming more restrictive. Our policy is to conduct business in a way that safeguards public health and the environment. We believe that our operations are conducted in material compliance with applicable laws and regulations.

Changes to current local, state or federal laws and regulations in the jurisdictions where we operate could require additional capital expenditures and increased operating and/or reclamation costs. Although we are unable to predict what additional legislation, if any, might be proposed or enacted, additional regulatory requirements could impact the economics of our projects.

During the year ended March 31, 2012, there were no material environmental incidents or material non-compliance with any applicable environmental regulations.

ITEM 1A. RISK FACTORS AND UNCERTAINTIES

Readers should carefully consider the risks and uncertainties described below before deciding whether to invest in shares of our common stock.

Our failure to successfully address the risks and uncertainties described below would have a material adverse effect on our business, financial condition and/or results of operations, and the trading price of our common stock may decline and investors may lose all or part of their investment. There is no assurance that we will successfully address these risks or other unknown risks that may affect our business.

Our operations are regulated by the Mine Safety and Health Administration (MSHA). We strive to maintain a safe and reliable work place for all of our employees. The MSHA regulators make regular inspections at our mine site. The Company has employed a full time Safety Director to insure that safe work practices are followed.

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Estimates of mineralized material are forward-looking statements inherently subject to error. Although mineralization estimates require a high degree of assurance in the underlying data when the estimates are made, unforeseen events and uncontrollable factors can have significant adverse or positive impacts on the estimates. Actual results will inherently differ from estimates. The unforeseen events and uncontrollable factors include: geologic uncertainties including inherent sample variability, metal price fluctuations, variations in mining and processing parameters, and adverse changes in environmental or mining laws and regulations. The timing and effects of variances from estimated values cannot be accurately predicted.

Risks Related to Our Operations

We will require future financing to enable us to continue operations.

We have just begun operating on the Borealis Property and may not have sufficient capital to fully fund all of our obligations, and we recognized that additional resources were required to enable us to continue operations.

At March 31, 2012, we had negative working capital of \$7,322,145 with an average cash expenditure rate of \$1,000,000 per month in a typical month. This level of activity will change based upon future events. We have instituted a new cost accounting to track production expenditures on a monthly basis. Current assets consisted of \$602,343 in cash, \$358,005 in accounts receivable, and \$171,516 in prepaid expenses, \$6,363,016 in metal and supply inventories and \$312,549 in deferred debt issue costs. We had \$5,004,298 in accounts payable and \$1,959,937 in the current portion of our debts.

Subsequent to March 31, 2012, we obtained a \$15,000,000 Senior Facility. On April 19, 2012, we drew down the full \$15,000,000 and used the proceeds to pay off a Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, C\$3,000,000 10% subordinated secured notes, due in July of 2013, and C\$4,500,000 10% subordinated secured notes, due November 27, 2013. We intend to use the remaining proceeds for working capital and additional capital expenditures related to our Borealis Project. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. We anticipate that the remaining proceeds from the Senior Facility and cash flow from operations will be sufficient to fund our cash requirements to achieve full production and processing capabilities at the Borealis Project. However, no assurance can be given that we will achieve profitability or positive cash flow from operations and we may require additional financing if we encounter unexpected costs or delays.

Our lease for the Borealis Property is subject to our continuing to perform development work, an activity that requires capital.

Our lease for the Borealis Property, which includes claims covering the principal deposits, states that after January 24, 2009 (twelve years from the effective date of the lease) we must be engaged in active mining, development or processing to automatically extend the term of the lease. Development is defined to mean work or construction in preparation for mining or processing a proven or probable reserves, including further exploration of development drilling of such a reserve. If we do not perform any qualifying development activities within a 365-day period, we are subject to losing our lease rights in the Borealis Property. Qualifying work has been completed on an ongoing basis since the January 24, 2009 trigger date. If projected capital costs or operating costs for the Borealis Project exceed current projections, further mine development is delayed or estimated production revenues are delayed or less than projected, without additional financing in the future, we may not be able to continue production and expansion and we may lose the lease to the Borealis Property.

Risks related to the Borealis Property.

We have limited history of producing metals from our mineral property and there can be no assurance that we can continue to profitably produce precious metals.

While we have moved from the development stage to production, we are subject to risks of a new start-up operation, including, but not limited to:

- mechanical break down and unforeseen maintenance issues;
- equipment capacity limitations and delays in full utilization of equipment and facilities;
- reliability of contractor services and service providers;
- the ability to find sufficient gold reserves to support a mining operation;
- the availability and costs of skilled labor and mining equipment;
- compliance with environmental and other governmental approval and permit requirements;

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- our success depends on our ability to achieve operational results that match design parameters in terms of:
- ore grade
- gold and silver metal recoveries
- operating costs
- operating efficiencies
- the availability of funds to finance future development of the property;
- increases in reclamation bonding;
- potential opposition from non-governmental organizations, environmental groups, local groups or local inhabitants which may delay or prevent development activities; and
- potential increases in operating costs and working capital increases due to changes in the cost of fuel, power, materials, supplies, and other costs.

The costs, timing and complexities of production may be increased by the remote location of the Borealis Property. It is common in new mining operations to experience unexpected problems and delays during mine start-up and production. In addition, delays in production often occur. Accordingly, we cannot assure you that our activities will result in profitable mining operations or profitably produce metals at any of our properties.

Our exploration activities on the Borealis Property may not be commercially successful, which could lead us to abandon our plans to further develop the property and our investments in exploration.

Our long-term success depends on our ability to identify additional mineral deposits on the Borealis Property and other properties we may acquire, if any, that we can then develop into commercially viable mining operations. Mineral exploration is highly speculative in nature, involves many risks and is frequently non-productive. These risks include unusual or unexpected geologic formations, and the inability to obtain suitable or adequate machinery, equipment or labor. The success of gold exploration is determined in part by the following factors:

- the identification of potential gold mineralization based on evaluation of the host rock, alteration, structure, geochemistry and proper sampling;
- availability of government-granted exploration permits;
- the quality of our management and our geological and technical expertise; and
- the capital available for exploration.

Substantial expenditures are required to establish proven and probable reserves through drilling and analysis, to develop metallurgical processes to extract metal, and to develop the mining and processing facilities and infrastructure at any site chosen for mining. Whether a mineral deposit will be commercially viable depends on a number of factors, which include, without limitation, the particular attributes of the deposit, such as size, grade and proximity to infrastructure; metal prices, which fluctuate widely; and government regulations, including, without limitation, regulations relating to prices, taxes, royalties, land tenure, land use, importing and exporting of minerals and environmental protection. We may invest significant capital and resources in exploration activities and abandon such investments if we are unable to identify commercially exploitable mineral reserves. The decision to abandon a project may have an adverse effect on the market value of our securities and the ability to raise future financing. We cannot assure you that we will discover or acquire any mineralized material in sufficient quantities on any of our properties to justify commercial operations.

Actual capital costs, operating costs, production and economic returns may differ significantly from those we have anticipated and there are no assurances that our production activities will result in profitable mining operations.

We estimate operating and capital costs for the Borealis Property based on information available to us and that we believe to be accurate. However, costs for labor, regulatory compliance, energy, mine and plant equipment and materials needed for production may significantly fluctuate. In light of these factors, actual costs related to our proposed budgeted production costs may exceed any estimates we may make. We have very little operating history

upon which we can base estimates of future operating costs related to the Borealis Property, and we intend to rely upon our future economic feasibility of the project and any estimates that may be contained therein. Studies derive estimates of cash operating costs based upon, among other things:

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- anticipated tonnage, grades and metallurgical characteristics of the material to be mined and processed;
- anticipated recovery rates of gold and other metals from the material;
- cash operating costs of comparable facilities and equipment; and
- anticipated climatic conditions and availability of water.

Capital and operating costs, production and economic returns, and other estimates contained in feasibility studies may differ significantly from actual costs, and there can be no assurance that our actual capital and operating costs will not be higher than anticipated or disclosed.

In addition, any calculations of cash costs and cash cost per ounce may differ from similarly titled measures of other companies and are not intended to be an indicator of projected operating profit.

A shortage of critical equipment, supplies, and resources could adversely affect our operations.

We are dependent on certain equipment, supplies and resources to carry out our mining operations, including input commodities, drilling equipment and skilled labor. A shortage in the market for any of these factors could cause unanticipated cost increases and delays in delivery times, which could in turn adversely impact production schedules and costs.

Operations at the Borealis Property will require a significant amount of water. The Borealis Property is located in an arid region with an over-appropriated water basin. Successful mining and processing will require careful control of project water usage and efficient reclamation of project solutions back into the process. The figures for our mineralization are estimates based on interpretation and assumptions and may yield less mineral production under actual conditions than is currently estimated.

Unless otherwise indicated, mineralization figures presented in this annual report and in our filings with securities regulatory authorities, press releases and other public statements that may be made from time to time are based upon estimates made by independent geologists and our internal geologists. When making determinations about whether to advance any of our projects to development, we must rely upon such estimated calculations as to the mineral reserves and grades of mineralization on our properties. Until material is actually mined and processed, mineral reserves and grades of mineralization must be considered as estimates only.

These estimates are imprecise and depend upon geological interpretation and statistical inferences drawn from drilling and sampling analysis, which may prove to be unreliable. We cannot assure you that:

- these estimates will be accurate;
- reserves or other mineralization estimates will be accurate; or
- this mineralization can be mined or processed profitably.

Any material changes in mineral reserves estimates and grades of mineralization will affect the economic viability of placing a property into production and a property's return on capital.

On June 6, 2011, we broke ground and began construction of the Borealis Project. To date, the leach pad, the ponds, power distribution system, refinery and process plant as well as general facilities are in place. We have \$19.6 million dollars invested in our property, plant and equipment at year-end.

Because we have just recently started production at our Borealis Property, mineralization estimates, including reserves estimates, for the Borealis Property may require adjustments or downward revisions based upon actual production experience. In addition, the grade of material ultimately mined, if any, may differ from that indicated by our feasibility studies and drill results. There can be no assurance that minerals recovered in small scale tests will be duplicated in large scale tests under on-site conditions or in production scale.

The mineralization estimates contained in this report have been determined and valued based on assumed future prices, cut-off grades and operating costs that may prove to be inaccurate. Extended declines in market prices for gold and silver may render portions of our mineralization, reserve estimates uneconomic and result in reduced reported mineralization or adversely affect the commercial viability of our Borealis Property. Any material reductions in estimates of mineralization, or of our ability to extract this mineralization, could have a material adverse effect on our results of operations or financial condition.

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Changes in the market price of gold, silver and other metals, which in the past has fluctuated widely, will affect the profitability of our operations and financial condition.

Our profitability and long-term viability depend, in large part, upon the market price of gold and other metals and minerals produced from our mineral properties. The market price of gold and other metals is volatile and is impacted by numerous factors beyond our control, including:

- sales by central banks and other holders, speculators and producers of gold and other metals in response to any of the below factors.
- the relative strength of the U.S. dollar and certain other currencies;
- interest rates;
- global or regional political, financial, or economic conditions;
- supply and demand for jewelry and industrial products containing metals; and
- expectations with respect to the rate of inflation;

A material decrease in the market price of gold and other metals could affect the commercial viability of our Borealis Property and our anticipated development and production assumptions. Lower gold prices could also adversely affect our ability to finance future development at the Borealis Property, all of which would have a material adverse effect on our financial condition and results of operations. There can be no assurance that the market price of gold and other metals will remain at current levels or that such prices will improve.

Mining is inherently dangerous and subject to conditions or events beyond our control, which could have a material adverse effect on our business.

Mining involves various types of risks and hazards, including:

- environmental hazards;
- power outages;
- metallurgical and other processing problems;
- unusual or unexpected geological formations;
- structural cave-ins or slides;
- flooding, fire, explosions, cave-ins, pit wall landslides and rock-bursts;
- inability to obtain suitable or adequate machinery, equipment, or labor;
- mine safety risk and risk of closure or significant fines;
- metals losses; and
- periodic interruptions due to inclement or hazardous weather conditions.

These risks could result in damage to, or destruction of, mineral properties, production facilities or other properties, personal injury, environmental damage, delays in mining, increased production costs, monetary losses and possible legal liability.

We do not insure against all risks to which we may be subject in our planned operations.

We currently maintain insurance to insure against general commercial liability claims, losses of equipment and pollution. Our insurance will not cover all of the potential risks associated with a mining company's operations, and we may be unable to maintain insurance to cover these risks at economically feasible premiums. Insurance coverage may not continue to be available or may not be adequate to cover any resulting liability. Moreover, we expect that insurance against certain hazards as a result of production may be prohibitively expensive to obtain for a company of our size and financial means.

Losses from events that are not covered by our insurance policies may cause us to incur significant costs that could negatively affect our financial condition and ability to fund our activities on the Borealis Property. A significant loss could force us to terminate our operations.

We are subject to significant governmental regulations.

Our primary properties, operations and exploration and development activities are in Nevada and are subject to extensive federal, state, and local laws and regulations governing various matters, including:

- environmental and wildlife protection;
- management and use of toxic substances and explosives;
- management of natural resources;
- exploration, development of mines, production and post-closure reclamation;
- export controls;
- price controls;
- regulations concerning business dealings with native groups;
- labor standards and occupational health and safety, including mine safety; and
- historic and cultural preservation.

Failure to comply with applicable laws and regulations may result in civil or criminal fines or penalties or enforcement actions, including orders issued by regulatory or judicial authorities enjoining or curtailing operations or requiring corrective measures, installation of additional equipment or remedial actions, any of which could result in us incurring significant expenditures. We may also be required to compensate private parties suffering loss or damage by reason of a breach of such laws, regulations or permitting requirements. It is also possible that future laws and regulations, or a more stringent enforcement of current laws and regulations by governmental authorities, could cause additional expense, capital expenditures, restrictions on or suspensions of our operations and delays in the development of our properties.

Our activities are subject to environmental laws and regulations that may increase our costs of doing business and restrict our operations.

All of our exploration, potential development and production activities are in the United States and are subject to regulation by governmental agencies under various environmental laws. These laws address, among other things, emissions into the air, discharges into water, management of waste, management of hazardous substances, protection of natural resources, antiquities and endangered species and reclamation of lands disturbed by mining operations.

Our operations involve the use of sodium cyanide, which is a toxic material. The use of sodium cyanide is normal for the industry, and appropriate steps are taken to prevent leakage into the environment. However, if the material is discharged, we could incur significant liabilities associated with containment and clean-up, against which we might not be insured.

Additionally, our operations result in emissions of greenhouse gases, which may be subject to increased regulation in the future. In general, environmental legislation is evolving and the trend has been towards stricter standards and enforcement, increased fines and penalties for non-compliance, more stringent environmental assessments of proposed projects and increasing responsibility for companies and their officers, directors and employees. Compliance with environmental laws and regulations requires significant capital outlays, and future changes in these laws and regulations may cause material changes to our operations and future activities. It is possible that future changes in these laws or regulations could have a significant negative impact on our operations at the Borealis Property, or some portion of our business, causing us to re-evaluate those activities at that time.

Land reclamation requirements for our Borealis Property may be burdensome.

Although variable depending on location and the governing authority, land reclamation requirements are generally imposed on mineral exploration companies (as well as companies with mining operations) in order to minimize long term effects of land disturbance.

Reclamation may include requirements to:

- control dispersion of potentially deleterious effluents; and
- reasonably re-establish pre-disturbance land forms and vegetation.

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In order to carry out reclamation obligations imposed on us in connection with our production, we have set up a provision for our reclamation obligations at the Borealis Property, but this provision may not be adequate. If we are required to carry out unanticipated reclamation work, our financial position could be adversely affected.

Our operations require us to obtain government permits and approvals.

Permits and approvals from various government agencies, such as the State of Nevada and the United States Forest Service, were required in order to construct and begin operations on the Borealis Property. All major operating permits remain in place, but there are still some additional minor permits or permit modifications to be secured. Though these additional permits should be straightforward to obtain, there can be no assurance that delays will not occur in connection with obtaining these additional permits or later renewing the existing ones. In addition, our permits may be revoked in the future for failure to comply with applicable regulations or for other reasons that may be beyond our control.

We also have gold resources outside of our currently permitted boundaries. If we decide to expand operations additional permits and approvals will have to be obtained from the state and federal agencies in order for us to proceed.

We may experience difficulty attracting and retaining qualified management to meet the needs of our anticipated growth, and the failure to manage our growth effectively could have a material adverse effect on our business and financial condition.

We are dependent on the services of key executives including, James T. O Neil, CEO, Steve Jones, Vice President Exploration, Lisanna Lewis, Vice President & Treasurer, Robert Cassinelli, our Project Manager and R. Llee Chapman, CFO, and other highly skilled and experienced employees and consultants focused on our Borealis Property's production and managing our interests and on-going exploration programs on our other properties. Our management is also responsible for the identification of new opportunities for growth and funding. Due to our relatively small size, the loss of these persons or our inability to attract and retain additional highly skilled employees required for our development activities may have a material adverse effect on our business or future operations. We do not maintain key-man life insurance on any of our key management employees.

We compete with larger, better capitalized competitors in the mining industry.

The mining industry is intensely competitive in all of its phases, including financing, technical resources, personnel and property acquisition. It requires significant capital, technical resources, personnel and operational experience to effectively compete in the mining industry. Because of the costs associated with production, and the expertise required to operate our project, larger companies with significant resources may have an advantage over us. We face strong competition from other mining companies, some with greater financial resources, operational experience and technical capabilities than us. Competition for resources at all levels is currently very intense, particularly affecting the availability of manpower, drill rigs, mining equipment and production equipment. As a result of this competition, we may be unable to maintain or acquire financing, personnel, technical resources or attractive mining properties on terms we consider acceptable or at all.

Title to the Borealis Property may be subject to other claims, which could affect our property rights and claims.

Although we believe we have exercised commercially reasonable due diligence with respect to determining title to properties we own or control through the BMC and the claims that are subject to the Borealis Property mining lease, there is no guarantee that title to such properties will not be challenged or impugned. The Borealis Property may be subject to prior unrecorded agreements or transfers or native land claims and title may be affected by undetected defects. There may be valid challenges to the title of these properties which, if successful, could impair development and/or operations. This is particularly the case in respect of those portions of the Borealis Property in which we hold

our interest solely through a lease with the claim holders, as such interest is substantially based on contract and has been subject to a number of assignments (as opposed to a direct interest in the property).

All of the mineral rights to the Borealis Property consist of "unpatented" mining claims created and maintained in accordance with the U.S. general mining laws. Unpatented mining claims are unique property interests, and are generally considered to be subject to greater title risk than other real property interests because the validity of unpatented mining claims is often uncertain. This uncertainty arises, in part, out of the complex federal and state laws and regulations under the U.S. general mining laws, including the requirement of a proper physical discovery of valuable minerals within the boundaries of each claim and proper compliance with physical staking requirements. Also, unpatented mining claims are always subject to possible challenges by third parties or validity contests by the federal government. The validity of an unpatented mining or mill site claim, in terms of both its location and its maintenance, is dependent on strict compliance with a complex body of U.S. federal and state statutory and decisional law. In addition, there are few public records that definitively determine the issues of validity and ownership of unpatented mining claims.

There are differences in U.S. and Canadian practices for reporting reserves and resources.

We are a reporting issuer in Canada and report under Canadian reporting standards outside the United States. Our disclosure outside the United States differs from the disclosure contained in our SEC filings. We generally furnish our disclosure released outside the United States with the SEC as Regulation FD disclosure.

Our reserve and resource estimates disseminated outside the United States are not directly comparable to those made in filings subject to SEC reporting and disclosure requirements, as we generally report reserves and resources in accordance with Canadian practices. These practices are different from the practices used to report reserve and resource estimates in reports and other materials filed with the SEC. It is Canadian practice to report measured, indicated and inferred resources, which are generally not permitted in disclosure filed with the SEC. In the United States, mineralization may not be classified as a reserve unless the determination has been made that the mineralization could be economically and legally produced or extracted at the time the reserve determination is made. United States investors are cautioned not to assume that all or any part of measured or indicated resources will ever be converted into reserves. Further, inferred resources have a great amount of uncertainty as to their existence and as to whether they can be mined legally or economically. Disclosure of contained ounces is permitted disclosure under Canadian regulations; however, the SEC only permits issuers to report resources as in place tonnage and grade without reference to unit measures.

Accordingly, information concerning descriptions of mineralization, reserves and resources contained in disclosure released outside the United States, or in the documents incorporated herein by reference, may not be comparable to information made public by other United States companies subject to the reporting and disclosure requirements of the SEC.

We will be required to locate additional mineral reserves for our long-term success.

Because mines have limited lives based on proven and probable mineral reserves, we have to continually replace and expand our mineral reserves while the Borealis Property produces gold and other base or precious metals. Our ability to maintain or increase the property's annual production of gold and other base or precious metals will be dependent almost entirely on our ability to bring new reserves into production.

Our directors and officers may have conflicts of interest as a result of their relationships with other companies.

Certain directors and officers of Gryphon Gold have served or are serving as officers and directors for other companies engaged in natural resource exploration and development and may also serve as directors and/or officers of other companies involved in natural resource exploration and development.

Legislation, including the Sarbanes-Oxley Act of 2002, may make it difficult for us to retain or attract officers and directors.

We may be unable to attract and retain qualified officers, directors and members of board committees required to provide for our effective management as a result of rules and regulations which govern publicly-held companies. Sarbanes-Oxley Act of 2002 has resulted in a series of rules and regulations by the SEC that increase responsibilities and liabilities of directors and executive officers. We are a small company with a very limited operating history and small revenues and profits, which may influence the decisions of potential candidates we may recruit as directors or officers. The perceived increased personal risk associated with these recent changes may deter qualified individuals from accepting these roles.

While we believe we have adequate internal control over financial reporting, we may be required to provide an auditors attestation on the effectiveness of our internal controls over financial reporting under Section 404 of the Sarbanes-Oxley Act of 2002, and any adverse results from such attestation could result in a loss of investor confidence in our financial reports and have an adverse effect on the price of our shares of common stock.

Pursuant to Section 404 of the Sarbanes-Oxley Act of 2002, we have furnished a report by management on our internal control over financial reporting in this annual report on Form 10-K for the year ended March 31, 2012. Such report contains, among other matters, an assessment of the effectiveness of our internal control over financial reporting, including a statement as to whether or not our internal control over financial reporting is effective.

We are currently a smaller reporting company as defined under the rules and regulations of the SEC, and therefore, do not have to provide an auditor's report on the effectiveness of such internal control over financial reporting pursuant to recent changes to Section 404 of the Sarbanes-Oxley Act of 2002. However, if we lose our status as a smaller reporting company in the future, we would be required in our annual report on Form 10-K for the following fiscal year to provide an attestation report from our auditors on the effectiveness of such internal control over financial reporting.

While we have evaluated our internal control over financial reporting and have concluded that our internal control over financial reporting is effective, our auditors have not conducted the evaluation necessary to provide an attestation report on the effectiveness of our internal control over financial reporting. During the auditor's evaluation and testing process, they may identify one or more material weaknesses in our internal control over financial reporting, and they will be unable to attest that such internal control is effective. If our auditors are unable to attest that our internal control over financial reporting is effective, if and when required, we could lose investor confidence in the accuracy and completeness of our financial reports, which could have a material adverse effect on our stock price.

Failure to comply may make it more difficult for us to obtain certain types of insurance, including director and officer liability insurance, and we may be forced to accept reduced policy limits and coverage and/or incur substantially higher costs to obtain the same or similar coverage. The impact of these events could also make it more difficult for us to attract and retain qualified persons to serve on our board of directors, on committees of our board of directors, or as executive officers.

We may be subject to legal proceedings that may have an adverse affect on our results of operations.

On January 31, 2012, we were served with a complaint alleging breach of contract that was filed in the First Judicial District Court for the State of Nevada in Carson City by Borealis royalty holders which include the Cavell Trust, Hardrock Mining Company and John W. Whitney. The royalty holders allege that advance royalties which we have paid are not recoverable and are payable during the duration of the mining lease. On February 21, 2012 we filed an answer and counterclaim against the plaintiffs for alleged breach of contract claim. Due to the inherent uncertainty of the litigation process, the resolution of any particular legal proceeding and the substantial defense and settlement costs associated with legal proceedings could have a material effect on our future financial position and results of operations. We currently place an amount equal to the accrued offset to the advance royalties into a trust account pending the outcome of the litigation.

Risks Related To Our Securities

The market for our common shares has been volatile in the past, and may be subject to fluctuations in the future.

The market price of our common stock has ranged from a high C\$0.35 and a low C\$0.13 during the twelve month period ended March 31, 2012. The market price for our common stock closed at C\$0.15 on March 31, 2012. The market price of our common stock may fluctuate significantly from its current level in response to quarterly variations in operating results, announcements of technological innovations or new products by us or our competitors, changes in financial estimates by securities analysts, or other events or factors. In addition, the financial markets have experienced significant price and volume fluctuations for a number of reasons, including the failure of the operating results of certain companies to meet market expectations that have particularly affected the market prices of equity securities of many mining companies that have often been unrelated to the operating performance of such companies. These broad market fluctuations, or any industry-specific market fluctuations, may adversely affect the market price of our common stock.

We have convertible securities outstanding, which if fully exercised could require us to issue shares of our common stock and result in dilution to existing shareholders.

As of March 31, 2012, we had 194,103,382 shares of common stock issued and outstanding. We may be required to issue the following shares of common stock upon exercise of options and warrants or conversion of convertible securities:

- 5,940,000 (inclusive of the 550,000 granted to a consultant outside of the stock option plan) shares of common stock issuable upon vested exercise of options outstanding as of March 31, 2012;
- 30,748,273 shares of common stock issuable upon exercise of warrants outstanding as of March 31, 2012 (732,215 expiring on June 16, 2012); and
- 2,727,857 shares of common stock issuable upon converting the \$1,909,500 convertible note held by our royalty holders (current exercise amount is \$0.70);

Subsequent to March 31, 2012, we issued an additional 14,062,500 Series T Warrants, exercisable to acquire shares of common stock at a price of C\$0.16 per share until April 18, 2015.

If all of the convertible securities issued and outstanding as of March 31, 2012 are fully exercised or converted, we would issue an additional 39,416,130 shares of common stock, and our issued and outstanding share capital would increase to 233,519,512 shares.

If all of the convertible securities issued and outstanding as of June 28, 2012 are fully exercised or converted, we would issue an additional 52,270,165 shares of common stock, and our issued and outstanding share capital would increase to 246,373,547 shares.

Our authorized capital consists of 250,000,000 shares of common stock and 15,000,000 shares of preferred stock. If the 52,270,165 were converted as of June 28, 2012, this would leave us with 3,626,453 shares to issue in the future, which may adversely affect our ability to raise additional capital through the issuance of equity.

Historically, our primary source of liquidity is cash that we raised by way of issuances of shares of our common stock. Due to the limited number of authorized shares of common stock available for issuance, we may be unable to raise capital by issuing equity securities unless we amend our Articles of Incorporation and increase our authorized capital with shareholder approval. Alternatively, we would be required to raise capital by issuing debt securities, which may be limited due to our obligations under the Senior Facility. We anticipate that any debt financing we secure in the future would require restrictive covenants, which may impair or restrict our financial condition and future operations. We may not be able to obtain additional financing on terms favorable to us, or at all. If we are unable to obtain adequate financing or financing on terms satisfactory to us when we require it, our ability to continue to support our business growth and to respond to business challenges could be significantly impaired, and our business, results of operations and financial condition may be materially and adversely affected.

The Waterton Senior Credit Facility requires us to repay the amounts we draw down on the credit facility in cash or gold at the option of Waterton.

We entered into Senior Facility with Waterton, and on April 19, 2012 the full \$15,000,000 Senior Facility was advanced to us. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The amount of monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The Senior Facility bears an interest rate at 5% per annum. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

Repayment of the Senior Facility may impact our results of operations due to the applied 20% discount to the gold spot price in connection with our repayment obligations. The reduced cash flow could severely limit our business growth and future funding.

In addition, as part of the Senior Facility, we entered into a Gold and Silver Supply Agreement with Waterton whereby Waterton has the right to purchase all of the gold and silver produced by BMC at the Borealis property. The Gold and Silver Supply agreement is effective from the closing date of the Senior Facility until the Borealis Property ceases operations.

Broker-dealers may be discouraged from effecting transactions in our common shares because they are considered a penny stock and are subject to the penny stock rules.

Rules 15g-1 through 15g-9 promulgated under the Exchange Act impose sales practice and disclosure requirements on certain brokers-dealers who engage in certain transactions involving a penny stock. Subject to certain exceptions, a penny stock generally includes any non-NASDAQ equity security that has a market price of less than \$5.00 per share. Our common stock has traded below \$5.00 per share throughout its trading history. The additional sales practice and disclosure requirements imposed upon broker-dealers may discourage broker-dealers from effecting transactions in our shares, which could severely limit the market liquidity of the shares and impede the sale of our shares in the secondary market.

A broker-dealer selling penny stock to anyone other than an established customer or accredited investor, generally, an individual with net worth in excess of \$1,000,000 or an annual income exceeding \$200,000, or \$300,000 together with his or her spouse, must make a special suitability determination for the purchaser and must receive the purchaser's written consent to the transaction prior to sale, unless the broker-dealer or the transaction is otherwise exempt. In addition, the penny stock regulations require the broker-dealer to deliver, prior to any transaction involving a penny stock, a disclosure schedule prepared by the United States Securities and Exchange Commission relating to the penny stock market, unless the broker-dealer or the transaction is otherwise exempt. A broker-dealer is also required to disclose commissions payable to the broker-dealer and the registered representative and current quotations for the securities. Finally, a broker-dealer is required to send monthly statements disclosing recent price information with respect to the penny stock held in a customer's account and information with respect to the limited market in penny stocks.

In the event that your investment in our shares is for the purpose of deriving dividend income or in expectation of an increase in market price of our shares from the declaration and payment of dividends, your investment will be compromised because we do not intend to pay dividends in the foreseeable future.

We have never paid a dividend to our shareholders, and we intend to retain our cash for the continued development of our business. We do not intend to pay cash dividends on our common stock in the foreseeable future. As a result, your return on investment will be solely determined by your ability to sell your shares in a secondary market.

ITEM 1B. UNRESOLVED STAFF COMMENTS

Not Applicable to smaller reporting company

ITEM 2. PROPERTIES

Executive Offices

Our principal executive office is at 611 N. Nevada Street, Carson City, Nevada 89703. We do not currently own investments in real estate, real estate mortgages or securities of persons primarily engaged in real estate activities, nor do we expect to do so in the foreseeable future.

Borealis Property

Unless stated otherwise, information of a technical or scientific nature related to the Borealis Property is summarized or extracted from the 2011 Study. The 2011 Study was prepared in accordance with the requirements of National Instrument 43-101. Management's plans, expectations and forecasts related to our Borealis Property are based on assumptions, qualifications and procedures which are set out only in the full 2011 Study. For a complete description of assumptions, qualifications and procedures associated with the following information, reference should be made to the full text of the 2011 Study which is available for review on the System for Electronic Document Analysis and

Retrieval (SEDAR) at the website: www.sedar.com and on the our at www.gryphongold.com.

The Borealis Property in Nevada is our principal asset, which we hold through our subsidiary, BMC. In the 1980s previous operators of the Borealis Property mined approximately 600,000 ounces of gold from near-surface oxide deposits. In this annual report, the previously mined area is referred to as the Borealis site , the previously disturbed area or the previously mined area , while our references to the Borealis Property refer to the entire property we own or lease through BMC.

At Borealis, there is one large hydrothermal system, containing at least 13 known gold deposits, some of which are contiguous. There has been historical production from 8 of these deposits. As there are several other showings of gold mineralization across the property, there is an opportunity to identify additional gold deposits.

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During the year ended March 31, 2012, there were two drilling programs completed on the Borealis Property. The first program consisted of 32 reverse circulation holes for 4,485 feet of drilling and the second consisted of 27 reverse circulation holes for 1,295 feet of drilling. The first program was conducted over the backfilled Borealis Pit as confirmation drilling while the second program was conducted in the historic East Pit as confirmation drilling. The confirmation work was intended to confirm both grade estimate and metallurgical recovery based on fire versus cyanide assaying.

Borealis Property Description and Location

The Borealis Property is located in Mineral County in southwest Nevada, 12 miles northeast of the California border. The Borealis Property covers approximately 15,020 acres. The approximate center of the property is at longitude 118° 45' 34" West and latitude 38° 22' 55" North. The figure below shows the location and access to the Borealis Property.

(Source: Gryphon Gold, 2005)

The Borealis Property is comprised of 751 unpatented mining claims of approximately 20 acres each, totaling about 15,020 acres, and one unpatented millsite claim of approximately 5 acres. Of the 751 unpatented mining claims, 128 claims are owned by others but leased to BMC, and 623 of the claims were staked by Golden Phoenix Minerals, Inc., whom we refer to as Golden Phoenix, or Gryphon Gold and transferred to BMC.

Our rights, through BMC as the owner or lessee of the claims, allow us to explore, develop and mine the Borealis Property, subject to the prior procurement of required operating permits and approvals, compliance with the terms and conditions of the mining lease, and compliance with applicable federal, state, and local laws, regulations and ordinances. We believe that all of our claims are in good standing.

The 128 leased claims are owned by John W. Whitney, Hardrock Mining Company and Richard J. Cavell (the Borealis Owners). BMC leases the claims from the Borealis Owners under a Mining Lease dated January 24, 1997 and amended as of February 24, 1997. The mining lease was assigned to BMC by the prior lessee, Golden Phoenix. The mining lease contains a project area provision, such that any new mining claims located or acquired by BMC within the project area after the date of the mining lease shall automatically become subject to the provisions of the mining lease. The project area is located in the following areas of the property:

- T.6.N-R.28.3 All of Sections 1,2 and 12. North ½ of Section 13.
- T.6.N-R.29.E. All of Sections 2 through 11 and 15 through 22. North ½ of Section 14.
- T.7.N-R.28.E. All of Sections 35 and 36.

- T.7.N-R.29.E. All of Sections 31 and 32. West ½ of Section 33.

All of the mining claims (including the owned and leased claims) are unpatented, such that paramount ownership of the land is in the United States of America. Claim maintenance payments and related documents must be filed annually with the Bureau of Land Management (BLM) and with Mineral County, Nevada to keep the claims from terminating by operation of law. BMC is responsible for those actions. At present, the estimated annual BLM maintenance fees are \$125 per claim, or \$94,000 per year for all of the Borealis Property claims (751 unpatented mining claims plus one millsite claim). In addition, Mineral County filing and document fees totaling \$6,400 are paid to fulfill the annual filing requirements.

Royalty Obligations

The leased portion of the Borealis Property was subject to advance royalty payments of approximately \$10,205 per month, payable to the Borealis Owners. These advance royalty payments were subject to annual adjustments based on changes in the United States Consumer Price Index. The leased portion of the Borealis Property is currently subject to a production royalty that consists of a 5% Net Smelter Royalty (NSR). We intend to start payment of the 5% NSR after all advance royalties have been recouped, but we are presently putting this 5% NSR and the \$10,205 advance royalty payments into a trust account due to terms listed in the lease agreement of 1997. See Item 3. Legal Proceedings.

On August 22, 2008, we entered into a 12-month option agreement, at a cost of \$250,000, with an option to amend the Borealis Property mining lease at 5%, versus the uncapped variable rate upon payment of \$1,750,000 in cash, 7,726,250 shares of common stock and a three-year, \$1,909,500 5% note payable. The option period was extended for an additional six months for a payment of \$125,000, settled through the issuance of common stock. On February 12, 2010, we entered into an agreement to extend the option agreement from February 22, 2010 until August 22, 2010 and to extend the condemnation period from August 22, 2010 to August 22, 2011, in consideration of \$150,000, comprised of cash of \$25,000 and shares of common stock equal to \$125,000, calculated based on eighty percent of the average five day closing price immediately prior to the payment date. On August 11, 2010, the option was extended until February 22, 2011 for a cash payment of \$150,000. On February 2, 2011 the option was extended on a month-to-month basis for up to six months beginning February 22, 2011 in consideration for \$25,000 per month. Under the terms of the amended option agreement, Gryphon has agreed to exercise the option and fix the Borealis Net Smelter Return (NSR) royalty at 5% on the tenth business day following the closing of any offering to raise \$8 million or more and the leaseholders have agreed to accept a two year, 5% promissory note in the principal amount of \$1.6 million in lieu of a portion of the original \$1.75M cash payment due on exercise of the Option. The option was exercised on May 20, 2011. Upon exercise of the Option, we paid the leaseholders \$150,000 in cash, issued a \$1.6 million promissory note, 7,726,250 shares of common stock and a convertible promissory note in the principal amount of \$1.9 million.

At present, there is no royalty payable to the United States or the State of Nevada on production from unpatented mining claims, although legislative attempts to impose a royalty have occurred in recent years.

Accessibility, Climate, Local Resources, Infrastructure and Physiography

Primary access to the Borealis Property is gained from an all weather county gravel road located about two miles south of Hawthorne from State Highway 359. Hawthorne is about 133 highway miles southeast of Reno. The Borealis Property is about 12 road miles from Hawthorne.

The elevation on the property ranges from 7,200 ft to 8,200 ft above sea level. This relatively high elevation produces moderate summers with high temperatures in the 90°F (32°C) range. Winters can be cold and windy with temperatures dropping to 0°F (-18°C). Average annual precipitation is approximately 10 inches, part of which occurs as up to 60 inches of snowfall. Historically, the Borealis Property has been operated throughout the year with only limited weather related interruptions.

Topography ranges from moderate and hilly terrain with rocky knolls and peaks, to steep and mountainous terrain in the higher elevations.

The vegetation throughout the project area is categorized into several main community types: pinion/juniper woodland, sagebrush, ephemeral drainages and areas disturbed by mining and reclaimed. Predominate species include pinion pine, Utah juniper, greasewood, a variety of sagebrush species, crested wheat grass and fourwing saltbush.

Water is available from two water basins located approximately 5 miles and 7 miles south of the mine site, respectively. Water for historical mining operations was supplied from the basin 5 miles away from the site. We have obtained permits from the Nevada Division of Water Resources to access water from each of these basins. We believe that each of these basins, individually, are providing sufficient water supply for our operations.

The Borealis site has been reclaimed by the prior operator to early 1990 s standards. The pits and the project boundary are fenced for public safety. Currently, access to the pits and heap leach areas is gained through a locked gate. All existing roads in the project area are two -track roads with most located within the limits of the old haul roads that have been reclaimed.

The nearest available services for both mine development work and mine operations are in the small town of Hawthorne, via a wide well-maintained gravel road. Hawthorne has substantial housing available, adequate fuel supplies and sufficient infrastructure to meet basic supply requirements. Material required for operations are generally available from suppliers located in Reno, Nevada.

Historical Gold Production

**Photograph of Borealis district.
View to the east, with Freedom Flats pit in foreground.
The photograph shows the site as it was circa 1991.**

Several gold deposits have been previously defined through drilling on the Borealis Property by prior owners. Some gold deposits have been partially mined. Reports on past production vary. The past gold production from pits on the Borealis Property, as reported by prior owners is tabulated below. The total of past gold production was approximately 10.6 million tons of ore averaging 0.057 ounces per ton (opt) gold. Mine production resulting from limited operations in 1990 is not included. Although no complete historical silver production records exist at this time, the average silver content of ore mined from all eight pits appears in the range of five ounces of silver for each ounce of gold.

Reported past Borealis production, 1981-1990⁽¹⁾

| <u>Crushed and Agglomerated Ore⁽²⁾</u> | <u>Tons</u> | <u>Grade</u> | <u>Contained</u> |
|--|--------------------|---------------------|-------------------------|
| Borealis | 1,488,900 | 0.103 | 153,360 |
| Freedom Flats | 1,280,000 | 0.153 | 195,800 |
| Jaime s/Cerro Duro/Purdy | 517,900 | 0.108 | 55,900 |
| East Ridge | 795,000 | 0.059 | 46,900 |
| Gold View | 264,000 | 0.047 | 12,400 |
| Total | 4,345,800 | 0.107 | 464,360 |
| <u>Run of Mine Ore⁽³⁾</u> | | | |
| Polaris (Deep Ore Flats) | 250,000 | 0.038 | 9,500 |
| Gold View | 396,000 | 0.009 | 3,500 |
| Northeast Ridge | 3,000,000 | 0.025 | 75,000 |
| East Ridge | 2,605,000 | .021 | 54,700 |
| Total | 6,251,000 | 0.023 | 142,700 |
| Grand Total | 10,596,800 | 0.057 | 607,060 |

- (1) The numbers presented in this table are based on limited production records. A later report in 1991 published by the Geologic Society of Nevada reports that production totaled 10.7 million tons with an average grade of 0.059 opt Au.
- (2) Crushed and agglomerated ore is that material which has been reduced in size by crushing, and as a result may contain a significant portion of very fine particles which is then, with the aid of a binding agent such as cement, reconstituted into larger particles and subsequently leached in a heap. The agglomerated ore typically has greater strength allowing for higher stacked heaps and may allow better percolation of leach solutions if the ore has high clay content.
- (3) Run of mine ore is that material which was fragmented by blasting only, and then stacked on the heaps without being further reduced in size by crushing or other beneficiation processes.

Geological Setting***Regional Geology***

The Borealis mining district lies within the northwest-trending Walker Lane mineral belt of the western Basin and Range province, which hosts numerous gold and silver deposits. Mesozoic metamorphic rocks in the region are intruded by Cretaceous granitic plutons. In the Wassuk range the Mesozoic basement is principally granodiorite with metamorphic rock inclusions. Overlying these rocks are minor occurrences of Tertiary rhyolitic tuffs and more extensive andesite flows. Near some fault zones, the granitic basement rocks exposed in the eastern part of the district are locally weakly altered and limonite stained.

The oldest exposed Tertiary rocks are rhyolitic tuffs in small isolated outcrops which may be erosional remnants of a more extensive unit. The rhyolitic tuffs may be correlative with regionally extensive Oligocene rhyolitic ignimbrites found in the Yerington area to the north and within the northern Wassuk Range. On the west side of the Wassuk Range, a thick sequence of older Miocene andesitic volcanic rocks unconformably overlies and is in fault contact with the granitic and metamorphic rocks, which generally occur east of the Borealis district. The age of the andesites is poorly constrained due to limited regional dating, but an age of 19 to 15 Ma is suggested (Ma refers to million years before present). In the Aurora district, 10 miles southwest of the Borealis district, andesitic agglomerates and flows dated at 15.4 to 13.5 Ma overlie Mesozoic basement rocks and host gold-silver mineralization. Based on these data, the andesites in the Borealis region can be considered as 19 to 13.5 Ma.

The Borealis district lies within the northeast-trending Bodie-Aurora-Borealis mineral belt; the Aurora district lies 10 miles southwest of Borealis and the Bodie district lies 19 miles southwest in California. All three mining districts are hosted by Miocene volcanics. The intersection of northwesterly and west-northwesterly trending Walker Lane structures with the northeasterly trending structures of the Aurora-Borealis zone probably provided the structural preparation conducive to extensive hydrothermal alteration and mineralization at Borealis.

Local Geology

The Borealis District comprises widespread high-sulfidation (acid-sulfate alteration) gold-silver mineralization that was the focus of recent and historical mining operations. The district trends N70-75W, for seven miles, from Bullion-Delta targets, west-northwest to Purdy Peak. The eastern boundary of the district is west of Mesozoic intrusive rocks, and Pre-Mesozoic sequences. The western limit of the district is unknown and unexplored.

Gold-silver mineralization, silicified fault breccias, zones of silicification, and associated alteration is structurally controlled. The most important structural trends defined in the district are:

- Principal displacement zone: Cerro Duro Fracture Zone (CDFZ), striking approximately N70- 75W, brittle fracture system,
- Transitional zone: Freedom Flats-Borealis-East Pit-Northeast Pit (FFBENE), striking approximately N50E,
- Antithetic, right lateral, strike slip zones, trending approximately North-South,
- Reverse fault systems trending northwest.

Faults, fault breccias, linear zones of silicification and silicified sheeted joints dip steeply, vertical to 60 degrees. These zones dip predominately westerly, i.e. northwesterly, southwesterly, with subordinate northeast dips. Structural zones are laterally discontinuous exhibiting en-echelon patterns and complex sets of conjugate internal joint arrays.

Five distinct styles of silicification occur in the district:

- Pervasive micro-granular quartz, \pm chalcedony-opal, devoid of pyrite, associated with weak (to moderate) leaching, and bleaching of host rocks, i.e. low temperature clays.
- Fine-medium grained granular quartz structurally controlled along faults and breccia zones, (a) with pyrite, (b) devoid of pyrite with associated moderate leaching and bleaching, i.e. low to medium temperature clays.
- Medium-grained granular quartz, structurally controlled along faults and breccia zones with pyrite, and zones of late stage vuggy-vapor phase acid leaching. Host lithologies, particularly volcanoclastic breccias exhibit a range in clast replacement, i.e. silica absorption, from weak to moderate. Groundmass is replaced by medium-grained granular quartz. Medium temperature clay alteration occurs as peripheral halos.
- Medium to coarse-grained quartz with pyrite, structurally controlled, with associated fault breccias and zones of intense silicification, moderate to total replacement of original host lithologies and occasionally replacing preexisting silicified fault breccia zones with associated alunite, barite, with peripheral zones of moderate to intense medium to intense moderate to high temperatures clay alteration.
- Quartz sericite pyrite alteration occurs in the granodiorite basement, up to 500 feet from the contact with the volcanic stratigraphy, in fault zones, in zones of stockwork fracturing spatially associated with fault-contact between the basement and volcanic stratigraphy. In addition, as dilatational zones, there are pods in the granodiorite, of granular white quartz.

Mineral Deposits

The gold deposits contained within the larger, district scale, Borealis hydrothermal system are recognized as high-sulfidation type systems with high-grade gold mineralization occurring along steeply dipping structures and lower grade gold mineralization surrounding the high-grade and commonly controlled by more permeable volcanic rocks in relatively flat-lying zones. The gold deposits, some with minor amounts of silver mineralization are hosted by Miocene andesitic flows, laharic breccias, and volcanoclastic tuffs, which all strike northeasterly and dip shallowly to the northwest. Pediment gravels cover the altered-mineralized volcanic rocks at lower elevations along the mountain front where there is potential for discovery of more blind (covered by gravel) gold deposits, similar to the Graben deposit.

The surface footprints of the high-grade pods or pipe-like bodies, found to date are rather small and they can be easily missed with patterns of too widely spaced geophysical surveys and drill holes. Most of the drilling on the property by prior owners was vertical, and therefore did not adequately sample the steep higher-grade zones. Drill-hole orientation may have underestimated the grades within the district. Several drill holes to the west of Freedom Flats and Borealis encountered gold within the alluvium stratigraphically above known deposits. These holes trace a gold-bearing zone that in plan appears to outline a paleochannel of a stream or gently sloping hillside that may have had its origin in the eroding Borealis deposit. The zone is at least 2,500 feet long, up to 500 feet wide, and several tens up to 100 feet thick. At this point it is unknown if this is a true placer deposit, an alluvial deposit of broken ore, or some combination of both. Additional drilling and beneficiation tests are needed to determine if an economic gold deposit exists.

Exploration

Since the late 1970s, exploration completed at the Borealis Property focused on finding near surface deposits with oxide-type gold mineralization. Exploration work consisted of field mapping, surface sampling, geochemical surveys, geophysical surveys, and shallow exploration drilling. Only limited drilling and geological field work was conducted in areas covered by pediment gravels, even though Freedom Flats was an unknown, blind deposit, without surface expression when discovered.

Many geophysical surveys were conducted by others in the Borealis district since 1978. In addition, regional magnetics and gravity maps and information are available through governmental sources. The most useful geophysical data from the historic exploration programs has been induced polarization (chargeability), aeromagnetics, and resistivity.

Areas with known occurrences of gold mineralization, which have been defined by historical exploration drilling, and had historical mine production include: Northeast Ridge, Gold View, East Ridge, Deep Ore Flats, Borealis, Freedom Flats, Jaimes Ridge, and Cerro Duro. All of these deposits still have gold mineralization remaining in place, contiguous with the portions of each individual deposit that were mined. Graben, Crocodile Ridge, Purdy Peak, Boundary Ridge, and Bullion Ridge are known gold deposits in the district that have not been mined.

Discovery potential on the Borealis Property includes oxidized gold mineralization adjacent to existing pits, new oxide gold deposits at shallow depth within the large land position, gold associated with sulfide minerals below and adjacent to the existing pits, in possible feeder zones below surface mined ore and buried gold-bearing sulfide mineralization elsewhere on the property. Both oxidized and sulfide-bearing gold deposits exhibit lithologic and structural controls for the locations and morphologies of the gold deposits.

The following areas have not been subject to historic mine production, but have been subject to historical exploration that has identified gold mineralization.

Borealis Extension

The Borealis Extension deposit occurs 110 to 375 feet below the surface at the northern and western margins of the former Borealis pit. Generally the top of this target occurs at or slightly below the 7,000-ft elevation. The primary target is defined by 16 contiguous drill holes completed by previous operators that have economically attractive gold intercepts. Thicknesses of mineralized intercepts ranges from 15 to 560 ft with nine holes having from 155 to 560 ft of +0.01 opt of gold; the average thickness of the zone is 236 ft. We have drilled an additional 16 holes into the deposit. The drilling results were generally marginal and further evaluation is needed.

Graben Deposit

The Graben deposit has been defined with approximately 36 historical RC holes and 19 historical core holes. This drilling defined a zone of gold mineralization, using an 0.01 opt Au boundary, that extends at least 2,000 feet in a

north-south direction and between 200 and 750 feet east-west, and up to 300 feet thick. The top of the deposit is from 500 to 650 feet below the surface. Near its southern margin the axis of the deposit is within 800 feet of the Freedom Flats deposit and along one portion of the southeastern margin low-grade mineralization may connect with the Freedom Flats mineralization through an east-west trending splay.

Through November 2007, Gryphon Gold has drilled an additional 58 RC drill holes into the Graben zone. All holes had mineralized intervals. Gryphon Gold's Graben drilling program was designed to test for extensions of the interior high-grade zones and to expand the exterior boundaries of the deposit. Drilling along the margins of the deposit, particularly along the northwestern portion, identified significant extensions of mineralization. Drilling for extensions of the northern and southern high-grade pods also revealed that these zones are larger than previously thought. Additional drilling in, and around, the Graben deposit is needed before it can be considered fully explored. At this point the mineralization estimate for the deposit probably represents a minimum size.

In mid-2007 a controlled source audio-frequency magnetotellurics CSAMT survey was conducted over the Graben deposit as a test case. Several anomalies were identified that correlated favorably with known mineralization. The survey lines ended to the northwest in a similar looking anomaly in an undrilled area. The initial interpretation is that this could be an extension of the Graben deposit, or a separate mineralized area.

Additional drilling is needed to fill in gaps between widely spaced holes in the Graben, and step out from the Graben zone in a north, east and west direction in order to delineate the full extent of the gold mineralization, and to fully define the boundaries of the zone.

North Graben Prospect

The North Graben prospect is defined by the projection of known mineralization, verified by drill hole sampling, and coincident with a large intense aeromagnetic low and an elongate chargeability (IP) high. This blind target lies on trend of the north-northeast-elongate Graben mineralized zone. In 1989, Echo Bay completed a district-wide helicopter magnetic/electromagnetic survey, which identified a large, intense type aeromagnetic low in the North Graben area. This coincident magnetic low/chargeability high is now interpreted as being caused by an intensive and extensive hydrothermal alteration-mineralization system. Five drill holes completed in the North Graben by Gryphon Gold encountered a permissive geologic setting and trace levels of gold mineralization.

In early 2006 we completed four holes into the North Graben geophysical anomaly and one additional hole was drilled in 2007. All the holes intercepted a hydrothermal system as indicated by several zones of silicification, and pyrite up to 20 percent. None of the holes contained significant amounts of gold, but were geochemically anomalous in gold and silver, and other important trace elements. North Graben is a target area that needs additional study and drilling to determine if a gold deposit is present.

Rainbow Ridge and Tough Hills Prospects

Previous exploration drilling the Rainbow Ridge and Tough Hills Prospect areas targeted shallow oxide mineralization, generally less than 500 feet deep. In 2006 we completed four gradient IP/ resistivity survey blocks covering a total area of one square mile. Results from these surveys indicate a broad deep seated north, north-east trending chargeability anomaly and a prominent, shallow north west trending chargeability anomaly. These targets are essentially untested by drilling.

Central Pediment (Lucky Boy) Prospect

Another important prospect area is the Lucky Boy area, which may be in a shallower pediment environment in the central portion of the district near the range front. Historic drill holes at the periphery of the zone intersected thick zones of silification and traces of gold mineralization. Echo Bay's aeromagnetic map shows another magnetic low and Cambior's IP map shows a coincident chargeability high in the area of the silicification.

Eight RC holes were drilled in this area during late 2006 and 2007. All of these holes encountered intense hydrothermal alteration with anomalous gold and favorable trace element geochemistry. A subsequent CSAMT survey indicates that these holes may have encountered the margins of a high-sulfidization gold system. Additional drilling is planned to test the CSAMT anomaly.

Sunset Wash Prospect

The Sunset Wash prospect consists of a gravel-covered pediment underlain by extensive hydrothermal alteration in the western portion of the Borealis district. Sixteen holes drilled by Echo Bay Mines indicate that intense alteration occurs within a loosely defined west-southwest belt that extends westerly from the Jaimes Ridge/Cerro Duro deposits. At the western limit of the west-southwest belt, Cambior's IP survey and drilling results can be interpreted to indicate that the alteration system projects toward the southeast into the pediment. Cambior conducted a gradient array IP survey over the Sunset Wash area effectively outlining a 1,000 by 5,000 foot chargeability anomaly. The anomaly corresponds exceptionally well to alteration and sulfide mineralization identified by Echo Bay's drill hole results. Two structures appear to be mapped by the chargeability anomaly; one is a 5,000-foot long west-southwest-trending structure and the other is a smaller, northwest-trending structure. Alteration types and intensity identified by the drilling, combined with the strong IP chargeability high and the aeromagnetic low, strongly suggest that the robust hydrothermal system at Sunset Wash is analogous to high-sulfidation gold systems. Cambior drilled three holes to test portions of the Sunset Wash geophysical anomaly and to offset other preexisting drill holes with significant alteration. The westernmost of Cambior's three holes encountered the most encouraging alteration and gold mineralization suggesting that this drill hole is near the most prospective area. This drill hole intercepted hydrothermally altered rock from the bedrock surface to the bottom of the hole, including an extremely thick zone of chalcedonic replacement in the lower two-thirds of the hole. Three holes were drilled in the same area, all of which encountered strongly developed hydrothermal alteration with anomalous gold and favorable pathfinder trace elements. To assist in defining the target a CSAMT survey was conducted late in 2007 and further defined the anomalous zone. Additional drilling is planned to test the center of the anomaly.

Bullion Ridge/Boundary Ridge

The northeast-trending alteration zone extending along Boundary Ridge into Bullion Ridge contains intense silicification that is surrounded by argillization, with abundant anomalous gold. Widely-spaced shallow drill holes completed by previous operators have tested several of the alteration/anomalous gold zones and defined discrete zones of mineralized material.

Mineralization

Overview

Finely disseminated gold mineralization found in the Borealis epithermal system was associated with pyrite and other gold bearing sulfide minerals such as marcasite when initially deposited by the gold-rich hydrothermal fluids. In the upper portions of the near surface deposits, over time through natural oxidation, the pyrite was transformed to limonite, releasing the gold particles. Through this geologic process, the mineral character of the deposit was altered, and sulfides were destroyed, releasing the gold so that conventional hydrometallurgical processes (e.g. gold heap leaching) could be effectively applied to recover the gold. Gold bound in pyrite or pyrite-silica which was not oxidized (commonly in the deeper deposits) in the geologic process is not as easily recovered by a simple heap leaching and may require some type of more advanced milling operation. Limited evidence suggests that in certain deposits, such as the Borealis and Freedom Flats deposits, some coarse gold exists, probably in the higher-grade zones.

Oxide Gold Mineralization

Oxide gold mineralization is generally more amenable to direct cyanidation processes such as heap leaching as compared to sulfide gold mineralization.

Oxide deposits in the district have goethite, hematite, and jarosite after iron sulfides as the supergene oxidation products, and the limonite type depends primarily on original sulfide mineralogy and abundance. Iron oxide minerals

occur as thin fracture coatings, fillings, earthy masses, as well as disseminations throughout the rock. The degree of supergene oxidation, mineral constituents, and form and occurrence of the oxide minerals in the host rock are significant factors in determining metallurgical performance and ultimate gold recovery. As demonstrated in previous operations, this type of gold bearing material is amenable to conventional heap leaching methodology.

Depth of oxidation is variable throughout the district and is dependent on alteration type, structure, and rock type. Oxidation ranges from approximately 250 ft in argillic and propylitic altered rocks to over 600 ft in fractured silicified rocks. A transition zone from oxides to sulfides with depth is common and is characterized by a mixture of oxide and sulfide minerals.

Except for the Graben deposit, all of the known gold deposits are at least partially oxidized. Typically the upper portion of a deposit is totally oxidized and the lower portions unoxidized. In places, such as the Ridge deposits, there is an extensive transition zone of partially oxidized sulfide bearing gold mineralization. Oxidation has been observed to at least 1,000 ft below the surface.

Sulfide Gold Mineralization

Sulfide gold mineralization is generally less amenable to conventional direct cyanidation metallurgical processes, and may require more advanced processes such as milling, flotation, and roasting or some pre-cyanidation treatment.

Sulfide deposits in the district are mostly contained within quartz-pyrite alteration with the sulfides consisting mostly of pyrite with minor marcasite, and lesser arsenopyrite. Many trace minerals of copper, antimony, arsenic, mercury and silver have also been identified. Pyrite content ranges from 5 to 20 volume percent with local areas of nearly massive sulfides in the quartz-pyrite zone and it occurs with grain sizes up to 1mm. Gold is commonly restricted to the iron sulfide grains.

The Graben deposit is the best example found to date of the size and quality of sulfide deposits within the district. In addition sulfide mineralization occurs in the bottoms of most of the mined areas, but the most significant of which is beneath the Freedom Flats pit.

Drilling

Set out below is a summary of the drilling work conducted on the Borealis Property by prior owners and by us.

Historical Drill Hole Database

The historical drill hole database used for the Borealis Project mineralization models contains 2,417 drill holes with a total drilled length of 671,595 feet. A total of 1,947 holes were drilled inside the mineralization model areas. An additional 470 holes were either drilled outside the mineralization models at scattered locations throughout the district or did not have collar coordinates.

The historic holes were drilled by several different operators on the property. Drill hole types include diamond core holes, reverse circulation holes and rotary holes. The only holes that have down-hole survey information are a few core holes. Since most of the drilling is shallow, the absence of down-hole survey information is not significant. In the deeper Graben zone, however, unsurveyed drill holes may locally distort the shape of the grade zones. Drill hole sampling lengths are generally 5 feet for the RC holes, but vary for the core holes based on geological intervals. Sampling length is up to 25 feet for some of the early rotary holes. Gold assays in parts per billion (ppb) and troy ounces per short ton (opt) are provided for most of the sample intervals. Silver assays in parts per million (ppm) and opt are also provided for some of the sample intervals.

Drilling of Existing Heaps and Dumps

In May 2004 we completed a drilling program on the five Borealis site heaps and parts of the Freedom Flats and Borealis waste dumps. This program consisted of 32 holes totaling 2,478.5 ft. Dump holes were drilled deep enough to penetrate the soil horizon below the dump, while holes on the heaps were drilled to an estimated 10-15 ft above the heap's liner.

Gryphon Gold Drilling Program

Since acquiring the Borealis Property, we have drilled 360 holes totaling 165,998 feet. The majority of these holes were drilled in, and around, known gold deposits. Less than 30 holes can be considered exploration holes in areas

located outside the Borealis Project boundary.

Sampling and Analysis

General

The Borealis Mine operated from 1981 through 1990 producing approximately 10.7 million tons of ore averaging 0.059 ounces of gold per ton from seven open pits. The mined ore contained approximately 607,000 ounces of gold of which approximately 500,000 ounces of gold were recovered through a heap leach operation (please refer to table Reported Past Borealis Production 1981-1990). This historic production can be considered a bulk sample of the deposits validating the database that was used for feasibility studies and construction decisions through the 1980s. With over 2,400 drill holes in the database that was compiled over a 20-year period by major companies, the amount of information on the project is extensive. It is primarily these data that have been used as the foundation of the current mineralization estimate. The bulk of the data was collected beginning in 1978, the year of discovery of the initial ore-grade mineralization, and was continuously collected through the final year of full production. Subsequent owners who conducted exploration programs through the 1990s added to the database.

Previous Mining Operations Sampling, Analysis, Quality Control and Security

Specific detailed information on sampling methods and approaches by the various mine operators is not available to us. However, a report written in 1981 (referred to in the Technical Report) noted that the drilling, sampling and analytical procedures as well as assay checks were reported as acceptable by industry practice.

Echo Bay Mines performed quality checks on their drill cuttings, sampling and assaying methods as part of their evaluation of the property prior to and following its purchase from Tenneco Minerals, indicating that the original assays were reliable and representative. During their exploration and development programs they also drilled a number of core hole twins of reverse circulation rotary drill holes to compare assay results in the same areas.

Houston Oil and Minerals, Tenneco, and Echo Bay Mines are reported to have used standard sample preparation and analytical techniques in their exploration and evaluation efforts, but detailed descriptions of the procedures have not been found. Most of the drill-hole assaying was accomplished by major laboratories that were in existence at the time of the drilling programs. Various labs including Monitor Geochemical, Union Assaying, Barringer, Chemex, Bondar-Clegg, Metallurgical Laboratories, Cone Geochemical, the Borealis Mine lab and others were involved in the assaying at different phases of the exploration and mining activity.

We believe that early work on the property relied on assay standards that were supplied by the laboratories doing the assaying. However, Echo Bay Mines (1986) reported using seven internal quality control standards for their Borealis Mine drill-hole assaying program, with gold concentrations from 170 ppb to 0.37 opt. Analytical labs involved in the standards analyses were Cone Geochemical, Chemex, and the Borealis Mine lab, and the precision of the three labs was reported as excellent (+/- 1 to 8%) for the higher gold grades (0.154 -0.373 opt); acceptable (+/- 3 to 14%) for the lower grades (0.029 -0.037 opt); and fair (+/- 4 to 20%) for the geochemical anomaly grades (0.009 opt to 170 ppb). These data provide an initial estimation of the precision and accuracy of gold analyses of Borealis mineralization.

During 1986, Echo Bay instructed Chemex to analyze duplicate samples for five selected drill holes. A comparison was made of (a) 1/2 assay-ton fire assay with a gravimetric finish, versus (b) 1/2 assay-ton fire assay with an atomic absorption finish, versus (c) hot cyanide leach of a 10-gram sample. The 1/2 assay-ton fire assay gravimetric and the 1/2 assay-ton fire assay atomic absorption gave essentially the same results. However the hot cyanide leach gave results that were 5-11 percent higher in one comparison and significantly lower in another, prompting Chemex to conclude that cyanide leach assaying was not appropriate for Borealis samples. The great majority of the assays in the database are based on fire assays.

We have no information relating to the sample security arrangements made by the previous operators.

Gryphon Gold Operations Sampling, Analysis, Quality Control and Security

The work we performed to evaluate the 32 holes drilled in 2004 on the five previously leached heaps and two waste dumps was done by a sonic rig to retrieve core-like samples. All drill holes were drilled vertical, with the sample immediately slid into a plastic sleeve that was sealed and marked with the drill hole number and footage interval. These plastic sample sleeves were not reopened until they reached the analytical lab. A Qualified Person and geologist monitored all of the drill procedures and the handover to the analytical lab. A non-blind standard was added as the last sample of each hole, which was obvious to the lab since the standard was in a pulp bag, although the lab did not know the gold value of the standard.

All samples were submitted to American Assays Labs of Sparks, Nevada. Each analytical sample was split in a rotary splitter with a one-fifth of the sample removed for assay and the remaining four-fifths retained for metallurgical testing. Each assay sample was pulverized and assayed for gold and silver by one assay ton fire assay, and a two hour 200 gram cyanide shake assay for dissolvable gold. As part of the quality control program, standards were submitted to American Assay Labs (AAL) with each drill hole, several assayed pulps and two standards were submitted to ALS

Chemex, and three of the duplicates and two standards were submitted to ActLabs-Skyline.

For the hard rock drilling program, started in 2005 and continuing through 2007, reverse circulation drilling services were provided by two international drilling contractors, Diversified Drilling LLC of Missoula, Montana and Eklund Drilling Company of Elko, Nevada. Drill bit size equaled 4 ½ inches in diameter and samples were collected at 5-foot intervals (1.5 meters). All drill samples were bagged and sealed at the drill site by drill contractor employees, placed in bins, and delivered to a secure storage. American Assay Laboratories in Sparks, Nevada picked up the sample bins from secure storage. AAL is ISO/IEC 17025 certified and has successfully completed Canadian proficiency testing (CCRMP). Drill cuttings were dried, crushed to 10 mesh, rotary split to 1,000 grams, pulverized to 150 mesh, split to 350 gram pulps, fire assayed for gold and silver using 1-assay ton fire assay with gravimetric finish. Strict QA/QC protocol was followed, including the insertion of standards and blanks on a regular basis in the assaying process.

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In the period between April 2006 and November 2007, reverse circulation drilling services were provided Eklund Drilling Company of Elko, Nevada. Drill bit size equaled 4 ½ inches in diameter and samples were collected at 5-foot intervals (1.5 meters). All drill samples were bagged and sealed at the drill site by the drill contractor employees, placed in bins, and delivered to a secure storage. Inspectorate America Corporation (IAC) in Sparks, Nevada picked up the sample bins from secure storage. IAC is ISO 9001:2000 certified (Certificate number: 37295) and has successfully completed Canadian proficiency testing (CCRMP). Drill cuttings were dried, crushed to 10 mesh, rotary split to 1,000 grams, pulverized to 150 mesh, split to 350 gram pulps, fire assayed for gold and silver using 1-assay ton fire assay with an AA finish. Assays greater than 0.10 opt Au were re-assayed by 1-assay ton fire assay with a gravimetric finish. Strict QA/QC protocol was followed, including the insertion of standards and blanks on a regular basis in the assaying process.

The 2010 drilling effort consisted of two different programs, each with its own objectives. The first consisted of 21 reverse-circulation drill holes that focused on the Freedom Flats, East Ridge, Borealis Extension, and Middle Ridge areas with the objective of converting inferred gold ounces to indicated and general confirmation or delineation of the gold resource. Two condemnation holes were also drilled into the planned leach pad site.

During November 2010 Gryphon Gold drilled 23 reverse circulation holes into the Freedom Flats portion of the Leach Pad 1 and 5 holes into the Re-leach portion of the Pad 1. A total of 1,630 feet were drilled with individual hole depths ranging from 30 feet to 85 feet. The drilling program planned that no hole would penetrate the plastic liner and each hole was terminated approximately ten feet above it. Five foot samples were collected over each hole and these were assayed for both gold and silver, soluble gold and silver, mercury, sulfur, and other elements. The holes in this program were drilled to give confirmation of previous results and to upgrade our confidence that these old pads contained economically attractive resources.

During the past year Gryphon Gold drilled 59 reverse circulation holes into the historic Borealis Pit resource area and the historic East Pit resource area. A total of 5,780 feet were drilled with individual hole depths ranging from 35 feet to 200 feet. Five foot samples were collected over each hole and these were assayed for gold by fire assay and cyanide soluble gold, and for silver by ICP. The holes in this program were drilled for confirmation of modeled grade and cyanide recovery.

Borealis Mineralization Estimate

A mineralization model was developed for the Borealis Property and is detailed in the April 28, 2008 report, entitled *Technical Report on the Mineral Resources of the Borealis Gold Projected Located in Mineral County, Nevada, USA*, compliant with National Instrument 43-101 (Technical Report), which was furnished to the SEC as Exhibit 99.1 to our Form 8-K filed on May 12, 2008. The Technical Report details mineralization on the Borealis Property. The Technical Report states that the recommended course of action for Gryphon Gold is to increase gold mineralization by completing additional drilling primarily in the previously mined areas, to complete a technical report to determine the feasibility of near term production, and through continued drilling and exploration, delineate possible new mineralization on the Borealis Property.

The independent NI 43-101 compliant Preliminary Assessment (PA) that was completed September 2, 2008 concluded that there is significant mineralization which could support an open pit, heap leach gold and silver mine. Based on historical operational data and similar deposits and projects in the area, the field-proven process technology selected (heap leach and ADR plant, using carbon absorption) will be able to effectively produce gold and silver ore for sale. The PA was furnished to the SEC as Exhibit 99.1 to our Form 8-K filed on October 10, 2008. The Technical Report details mineralization on the Borealis Property. The Pre-Feasibility Study as at September 17, 2009 was completed and authored by John R. Danio, P.E. of Denver, Colorado. The Pre-Feasibility Study was furnished to the SEC as Exhibit 99.2 to our Form 8-K as filed on September 22, 2009. The Pre-Feasibility Study is based on open pit mining and heap leaching of oxide and mixed oxide ores that occur in and around previously mined open pits and re-leaching of ores that were mined and leached during prior operations. Telesto Nevada Inc. and the authors of the

Pre-Feasibility Study recommended that the Borealis Project be put into production.

The Pre-Feasibility Study Update as of April 25, 2011 was completed and authored by John Welsh, P.E. and Jonathan Brown, C.P.G. of Reno, Nevada. The Pre-Feasibility Update was furnished to the SEC as Exhibit 333-127635 to our Form 8-K as filed on April 26, 2011. The Pre-Feasibility Update is based on the open pit mining and heap leaching of oxide and mixed oxide ores that occur in and around previously mined open pits and re-leaching of ores that were mined and leached during previous operations. Telesto Nevada Inc. and the authors of the Pre-Feasibility Update recommended that the Borealis Project be put into production.

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Historical Mining and Metallurgical Operations

The historical mining operations processed both a run-of-mine ore and an ore that was crushed to a nominal 1 1/2-inch product as the primary feed material that was placed on the heap for leaching. The fines fraction was agglomerated with cement, mixed with the coarse fraction, and leached with sodium cyanide solution. Gold mineralization is finely disseminated and/or partially bonded with pyrite, and although there are very little ore mineralogy data available, historical operating reports suggest that some coarse gold may exist. Gold that is bound in pyrite or pyrite-silica is not easily recovered by simple heap leach cyanidation; however, gold recovery in oxide ores is reported to average about 80% for the ore treated. There are no reports of carbonaceous refractory components within the old heap or dump materials. The previous mine operators employed a Merrill Crowe circuit to enhance ease of silver recovery, followed by a retort to remove mercury.

Laboratory testing subsequent to mine shut down in 1990 indicates that gold recoveries of 55 to 80 percent can be expected from remaining oxide material on the Borealis Property by heap leaching.

Based on limited test work, gold bearing sulfide material appears to respond to conventional flotation concentration and cyanidation of oxidized concentrates. In the laboratory testing, chemical oxidation and biooxidation treatment of the sulfide material yield a high level of oxidation and correspondingly high gold recoveries after cyanidation of the oxidized material. Aeration of concentrate slurries may be a suitable oxidation method for the sulfide material.

Exploration and Development

Our development and exploration plans are based on the recommendations contained on the Technical Report and are subject to our ability to obtain additional capital to fund such plans. These plans are outlined below:

Drilling and Feasibility

We plan to continue our drilling and exploration program with the intent of locating additional sulfide and oxide gold mineralization on the Borealis Property. The primary focus of the program will be within the previously disturbed area, the Graben zone and in the Central and Western Pediment areas. Once sufficient additional potential mineralization is discovered, we will assess possible methods of increasing our production.

Mineralized Material Expansion and Drilling Program

We previously undertook a systematic district-scale drilling program designed to discover and delineate large gold deposits within the greater Borealis Property, outside of the known mineral deposits, which will focus along known mineralized trends that project into untested gravel-covered areas with coincident geophysical anomalies. The greatest potential in the district lies beneath a large gravel-covered area at the mountain front with several potential blind deposits (no surface expression). The Graben zone is an example of this type of deposit, and other high-potential targets include Rainbow Ridge/Tough Hills, Sunset Wash, Lucky Boy, and others yet to be named generally within the areas referred to as the Central and Western Pediments. To date we have drilled and assayed 206 holes as part of the district-wide exploration program.

In addition to the district program, the Borealis Property embraces numerous areas with potential for discovery of mineable gold deposits. The defined target areas can be grouped into categories based on our expectation for deposit expansion or potential for discovery. Past emphasis was focused on targets which are the extensions of previously mined deposits, specifically within the previously disturbed areas the East Ridge-Gold View-Northeast Ridge mineralized trend, and around the margins of the Borealis, Freedom Flats, and Deep Ore Flats/Polaris deposits. Each has the potential to add to the material that can be developed as part of the initial mine plan. Drilling programs from 2005 through 2007 were completed primarily in areas where mineralization is known to exist. In addition to advancing existing mineralization to a higher level of confidence, this drilling program has further information

gathering objectives for metallurgical assessment, waste characterization, and hydrological analyses that are required in support of our operating permit applications, environmental assessment, and engineering design. Results from drilling of heap leachable material will be incorporated into the feasibility study, should a feasibility study be completed.

Planned activities and expenditures include both field and compilation geology, geophysics, geochemistry, permitting and claim maintenance, road construction and drill-site preparation, reverse circulation (RC) and core drilling, drill-hole assaying, sampling protocol studies and assay quality control, preliminary metallurgical testing, and database management. We estimate that nearly 50% of the budget would be spent directly on drilling (mostly on RC drilling) with approximately 20% on geologists, 10% on assaying, and the remainder divided among the other items. The budget is expected to be sufficient to discover and delineate one or more deposits, but additional funding will be required for detailed development drilling and other development activities.

The names of deposits and targets on the Borealis Property are shown on the map below. The map also shows the boundary of the claim holdings that comprise the Borealis Property.

(Source: Gryphon Gold, 2005)

United States Mining Laws

Mining in the State of Nevada is subject to federal, state and local law. Three types of laws are of particular importance to the Borealis Property: those affecting land ownership and mining rights; those regulating mining operations; and those dealing with the environment.

The Borealis Property is situated on lands owned by the United States (Federal Lands). BMC, as the owner or lessee of the unpatented mining claims, has the right to conduct mining operations on the lands subject to the prior procurement of required operating permits and approvals, compliance with the terms and conditions of the mining lease, and compliance with applicable federal, state, and local laws, regulations and ordinances. On Federal Lands, mining rights are governed by the General Mining Law of 1872 as amended, 30 U.S.C. §§ 21-161 (various sections), which allows the location of mining claims on certain Federal Lands upon the discovery of a valuable mineral deposit and proper compliance with claim location requirements. A valid mining claim provides the holder with the right to conduct mining operations for the removal of locatable minerals, subject to compliance with the General Mining Law and Nevada state law governing the staking and registration of mining claims, as well as compliance with various federal, state and local operating and environmental laws, regulations and ordinances. Historically, the owner of an unpatented mining claim could, upon strict compliance with legal requirements, file a patent application to obtain full fee title to the surface and mineral rights within the claim; however, continuing Congressional moratoriums have precluded new mining claim patent applications since 1993.

The operation of mines is governed by both federal and state laws. Part of the Borealis Property is situated within the Toiyabe National Forest, and that part is administered by the U.S. Forest Service. The rest of the Borealis Property is administered by the Bureau of Land Management (BLM). In general, the federal laws that govern mining claim location and maintenance and mining operations on Federal Lands, including the Borealis Property, are administered by the BLM. The Forest Service is concerned with surface land use, disturbances and rights-of-way on Federal Lands that it manages. Additional federal laws, such as those governing the purchase, transport or storage of explosives, and those governing mine safety and health, also apply. Various permits or approvals from the BLM and other federal agencies will be needed before any mining operations on the Borealis Property can begin.

The State of Nevada likewise requires various permits and approvals before mining operations can begin, although the state and federal regulatory agencies usually cooperate to minimize duplication of permitting efforts. Among other

things, a detailed reclamation plan must be prepared and approved, with bonding in the amount of projected reclamation costs. The bond is used to ensure that proper reclamation takes place, and the bond will not be released until the reclamation is completed. The bond amount for a large mining operation is significant. Local jurisdictions (such as Mineral County) may also impose permitting requirements (such as conditional use permits or zoning approvals).

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Mining activities on the Borealis Property are subject also to various environmental laws, both federal and state, including but not limited to the federal National Environmental Policy Act, the Comprehensive Environmental Response, Compensation and Liability Act, the Resource Recovery and Conservation Act, the Clean Water Act, the Clean Air Act and the Endangered Species Act, and certain Nevada state laws governing the discharge of pollutants and the use and discharge of water. Various permits from federal and state agencies are required under many of these laws. See, *Permitting Requirements*, below. Local laws and ordinances may also apply to such activities as waste disposal, road use and noise levels.

Permitting

Permit Acquisition and Fundamental Environmental Permitting Considerations

In 2004 we initiated a plan to obtain the required principal environmental operating permits in anticipation of a possible mine start-up.

The first permitting stage, started in the fall of 2003, has been completed. Permits obtained at that time authorized exploration activities needed to prove the mineral mineralization, condemn the heap sites and support infrastructure, and obtain environmental baseline data to support the permitting packages. A second stage of application for exploration drilling permits was submitted in December 2004 and approval was obtained in May 2005. A Plan of Operations for a new mine was submitted in August 2004 to the U.S. Forest Service and Nevada State agencies and approval was received in the second quarter of 2006. A Water Pollution Control Permit application for the reopening and expansion of the mine was submitted to the Nevada Bureau of Mining Regulation and Reclamation in January 2005. The permit was granted in January 2006. Future exploration activities and mine expansion initiatives will be included in applications for subsequent approvals on a case-by-case and as-needed basis.

The approved Plan of Operations focuses on the approximately 460 acre area previously disturbed by mining operations. Deposits within this boundary, subject to permit applications generally, include the oxidized and partially oxidized portions of Borealis, Deep Ore Flats (also known as Polaris), East Ridge, Freedom Flats, and Northeast Ridge which are amenable to a conventional hydrometallurgical gold recovery process such as heap leaching. Also included in the Plan of Operations is the option for development of underground access to the Graben deposit to be used for exploration and future development activities, although no production plan has been submitted for consideration in this mineralized zone at this date. Crocodile Ridge, Middle Ridge, and other deposits within the study area boundaries of the Borealis Property will be added to the permit applications if warranted based on ongoing engineering and in-fill drilling results.

Permitting Process Overview

The development, operation, closure and reclamation of mining projects in the United States require numerous notifications, permits, authorizations and public agency decisions. This section does not attempt to exhaustively identify all of the permits and authorizations that need to be gained, but instead focuses on those that are considered to be the main efforts that are on the critical path for possible project start-up.

Permitting Requirements

U.S. Forest Service Requirements

The Bridgeport Ranger District of the U.S. Forest Service is the lead agency regulating mining and reclamation activities at the Borealis Property. The permitting process with the U.S. Forest Service approved our Plan of Operations in the second quarter of 2006, pursuant to the requirements of 36 CFR Part 228, Subpart A. Our Plan of Operations was filed in August 2004 describing the project plans in a step-by-step process. The Plan of Operations describes the development of the deposits identified in the Technical Report and recognizes and anticipates the effects

of market impacts such as reductions or increases in gold price, and describes the measures that will be taken to adjust for these changing conditions. The emphasis of the Plan of Operations is on defining the spatial and temporal aspects, as they will affect the land that is managed by the agency. The Plan of Operations also describes the plans to reclaim the site, and includes an estimate of the cost to accomplish that reclamation. This cost estimate is the first step toward establishing the reclamation surety for the site.

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In order to satisfy the reclamation surety requirements of the U.S. Forest Service, we put in place a cash bond. Cash bonding is the only alternative available for start-up companies where substantial financial strength is absent. When operations generate a strong cash position other alternatives such as a letter of credit or an insurance policy may become viable alternatives. An insurance policy, if obtained on terms acceptable to us, would require us to pay into a commutation account of the insurer the agreed cost of the initial future reclamation work. The initial amount covered under the policy will be funded by a deposit into the commutation account, in an amount to be negotiated. The amount covered by the policy is expected to increase as reclamation costs increase due to expanded mining related disturbances. This additional policy coverage is expected to be funded from mining revenue once the mine is in operation. Once funded, the account will be available to pay for concurrent and final reclamation expenses as they are incurred. The policy is expected to provide us a mechanism to manage the overall cost of reclamation for a known cost for the entire life of mine and provide financial assurance required by the U.S. Forest Service. The National Environmental Policy Act (NEPA) requires that any decision made by a Federal agency must consider the environmental effects of that decision. The USFS will decide whether or not there is a decision to be made, and whether that decision is significant or not. If there is no decision to be made, as in the instance of Categorical Exclusions (CE), the project can proceed with notification only. CEs are allowed when surface disturbances are limited to less than one mile of new road building. If a decision must be made, an environmental impact evaluation is completed and from that analysis, a determination of whether the environmental impact is significant or not. If the determination is a finding of no significant impact (FONSI), then the agency is authorized to approve the plan based on the Environmental Assessment (EA) findings. If the decision is that the impacts are in fact significant, then an Environmental Impact Statement (EIS) is required to arrive at the final decision. There is a significantly increased time period for review and public comment for an EIS versus an EA. Approvals of Gryphon Gold's site exploration activities to date were authorized under a CE.

The USFS Bridgeport Ranger District (District) determined that preparation of an Environmental Assessment (EA) was necessary to comply with the requirements of the National Environmental Policy Act (NEPA). The USFS and we mutually agreed to have Knight Piesold and Co. (KPCO), a third-party NEPA contractor, prepare the EA. Comments from a variety of stakeholders have been solicited. These comments were incorporated into a Modified Plan of Operations, which includes some changes from the initial Plan of Operations submitted to account for updated operating plans and required mitigation measures to better protect the environment.

At the completion of the NEPA process and decision, the reclamation surety must be posted with the USFS prior to any surface disturbance on site. The reclamation cost estimate provided in the Plan of Operations has been reviewed and refined by the agency and an acceptable amount agreed upon among the U.S. Forest Service, BMRR and us.

Nevada Division of Water Resources (NDWR) Requirements

The Borealis Property involves significant water demand in an arid region where the water basin has been over-appropriated and for which project water rights have been withdrawn. Successful mining and processing requires careful control of project water and efficient reclamation of project solutions back into the leaching process.

The NDWR is the responsible agency for granting water rights permits. The basin from which water rights could be appropriated is the same basin that was the water supply for the mining activities at Borealis during the 1980's and early 1990's. Although this basin appears to be over allocated to various users, many of these rights go unused, so it may be possible to transfer existing appropriations to the project if necessary.

We believe that water rights granted to us by the NDWR are sufficient to continue operations. A wellfield to perfect this water supply has been tested and developed in operations.

Nevada Division of Environmental Protection Bureau (NDEP) of Mining Regulation and Reclamation Requirements

The NDEP, Bureau of Mining Regulation and Reclamation (BMRR) regulates mining activities within the state including water pollution control and reclamation.

The heap leach and process solution ponds are presented in the water pollution control permit application that was filed in January 2004. The permit application package includes the engineering design report for the heap and ponds, certified by a Nevada registered professional engineer. In addition to the engineering report, operating plans describing the mineral processing circuit, fluid management plan, monitoring plans, emergency response plan, temporary closure plan and tentative permanent closure plan were presented. The Water Pollution Control Permit was issued on January 28, 2006.

BMRR also administers and enforces the requirements relating to the reclamation of land subject to mining or exploration projects.

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A Reclamation Plan that contains the identical information as was contained in the Plan of Operations was submitted to the BMRR in August 2004. The Reclamation Plan was approved during the second quarter of 2006.

We will be required to post a reclamation bond from a financial institution or otherwise set aside a corresponding amount for the benefit of BMRR. We anticipate that BMRR will accept the reclamation bond we post for the benefit of the U.S. Forest Service.

NDEP Bureau of Air Quality Requirements

The Nevada Bureau of Air Quality (BAQ) regulations state that a process flow diagram must be generated to communicate the technical aspects of the process/activity and determine which class of permit will be required. We have prepared the required process flow diagram and submitted our permit application. On April 28, 2006 the Class II air quality permit was issued by BAQ. Because Gryphon was not able to move the project into construction within the air permit time frame, NDEP kept this old permit in force while a new air quality and mercury permit application was being developed and approved. The mercury Operating Permit was approved in July of 2011. This new air permit review is now nearing completion for us to receive a Class I-A Air Quality Operating Permit in the first quarter of next year.

Permitting Process

We intend to maintain the permits we have received that are necessary for continued operations. Maintaining the permits necessary for mine start up does not require us to complete a feasibility study. The principal permits were issued during calendar 2006, while ordinary course permits will be sought prior to the possible mine start up.

The following is a summary and status of the permits required for the Borealis Gold Project:

- An Approved Plan of Operations from the USFS, Humboldt-Toiyabe National Forest has been received. The Environmental Assessment (EA) was approved for the Plan of Operations with a Finding of No Significant Impact (FONSI) on June 19, 2006. The Decision Notice was published on June 22 and 23, 2006 and is not appealable. Final revisions to the Plan of Operations were submitted to the USFS on June 23, 2006 and the USFS signed the Plan on June 29, 2006. The Plan of Operations has been implemented and a reclamation bond is posted with the USFS. The initial bond amount was \$2.5 million.
- A Water Pollution Control Permit (WPCP) from the NDEP-BMRR was approved and granted to BMC on January 28, 2006 and renewed in late 2010. The permit allows BMC to construct and operate a 10-million ton capacity heap leach pad and processing plant as a zero-discharge facility. Monitoring wells have been installed and quarterly sampling and reports are conducted to comply with permit conditions.
- A Reclamation Permit from the NDEP-BMRR and reclamation bond amount were approved on June 23, 2006. This permit is the State of Nevada's approval of the Plan of Operations and is effective with the posting of the reclamation bond with the USFS. Subsequent to its approval and based on the new phased development plan the bond amount has been re-estimated at \$3 million. This revised bond estimate has been submitted to the NDEP and the Forest Service for review and approval. As of January 25, 2012 \$2,569,756 has been deposited with USFS towards this Reclamation Permit.
- A Tentative Permanent Closure Plan to be administered by the NDEP-BMRR was submitted with the WPCP application and accepted by NDEP-BMRR. A Final Permanent Closure Plan will not need to be developed until 2 years prior to project closure.
- NDEP-Bureau of Air Pollution Control (BAPC) issued the Air Quality Operating Permit on April 28, 2006 for the Borealis processing facilities. The State of Nevada soon afterwards adopted new regulations regarding mercury emissions, and an application was filed under this new State program on September 14, 2006, as a compliance order pursuant to the approved air quality permit. The permit was renewed in 2010. Approval of the mercury permit was completed in July 2011 prior to the startup of the ADR plant. The EPA, in February 2010, published a rule for precious metal mines requiring that mines that are predominately mining gold ore

become permitted as Title V facilities. The Class I-A Air Quality Operating Permit was submitted in June of 2011.

- A Surface Area Disturbance Permit from the NDEP-BAPC was approved and granted to BMC on April 3, 2006 for disturbances associated with construction and mining activities.
- The Storm Water Pollution Prevention Plan (SWPPP) has been prepared for the project. A Notice of Intent, filing fee, and the SWPPP was submitted to the Bureau of Water Pollution Control (BWPC) in July of 2011 to obtain coverage under the general National Pollutant Discharge Elimination System (NPDES) permit for Nevada mines.
- A Spill Prevention, Control, and Countermeasure (SPCC) Plan, under the jurisdiction of the U.S. Environmental Protection Agency (EPA), was prepared and implemented before starting operations. The SPCC Plan provides methods for storing, transporting, and using petroleum products as well as emergency response measures in the event of a release.
- A preliminary Emergency Release, Response and Contingency Plan (ERRCP) was submitted with the Plan of Operations. The ERRCP provides methods for storing, using, and transporting process chemicals on site as well as emergency response measures in the event of a release. A final ERRCP was prepared and implemented prior to the start of leaching and processing activities. Both the USFS and the NDEP-BMRR require the ERRCP.
- Threatened & Endangered Species Act: No known threatened or endangered species have been identified within the project area. A Biological Assessment and Biological Evaluation (BA/BE) and a Wildlife Specialist Report were approved by the USFS on June 6, 2006. These reports identified three USFS sensitive plants and two other plant species of concern within the project area. Mitigation measures were developed for these plants and incorporated into the EA and Plan of Operations. The USFS concluded that the project may impact individual plants and plant habitat but will not likely contribute to a trend towards listing or cause a loss of viability to the population or species. However at this time there is an active petition to list the Sage Grouse on the Threatened Endangered Species list. There are several known leaks around the project and a listing of this bird could have a significant impact on the project area. Both the State of Nevada and the US Fish and Wildlife Service are studying the issue to determine what mitigation measures need to be taken to avoid this listing.
- Historical Preservation Act (Section 107): Consultation with the USFS and the State Historical Preservation Officer (SHPO) has occurred in conjunction with the preparation of the EA. The Heritage Research Final Report, Gryphon Gold, USA, Mining and Exploration Project, Borealis Mine Area was submitted to the USFS in March 2006. The report identifies prehistoric cultural resources located within and near the project area. This report was approved by the USFS and forwarded to SHPO for their review and comment on April 17, 2006. The SHPO approved the report in early May 2006. Mitigation measures consisting of avoidance and protection were incorporated into the EA and the Plan of Operations.
- Water Rights: Water Rights have been granted by the Nevada Division of Water Resources (NDWR) for two production wells located approximately 3 miles south of the project, in the same vicinity as the supply wells from the previous mining operation. The first well was drilled in 2008 (WW-1A) and test pumping was successful. The second well was drilled in 2009 (WW-2A) and tested with excellent results. Based on historic well productivity records, these water rights and points of diversion have the capacity and productivity to meet project needs.
- Industrial Artificial Pond Permit: The Department of Wildlife, State of Nevada, has issued an Industrial Artificial Pond permit to use and store industrial waters in lined containers on the Borealis project site. This permit was granted on December 1, 2009 and expires on November 30, 2014.

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In addition to the permits listed above, there are a number of miscellaneous permits, licenses, authorizations, or plans that will be required for the project. These permits are necessary, but not considered cumbersome or time consuming to secure. The following list includes all known minor permits that may be required and the corresponding regulatory agency:

| Permit/License/Authorization/Plan | Agency | Comments |
|--|---|---|
| Explosives License or Permit | U.S. Department of Justice, Bureau of Alcohol, Tobacco, Firearms and Explosives | Requires submitting identification information for employees who are authorized to possess explosive materials. ATF will act on the application in 90 days. |
| Hazardous Waste Generator Number (Registration) | EPA and NDEP | Completed as a conditionally exempt small generator. |
| Drinking Water Supply (Approval of Plans) | NDEP Bureau of Safe Drinking Water (BSDW) | Facility design was submitted in April, 2011 and we are currently waiting for approval of this design. |
| Radio Communications Permit | Federal Communications Commission (FCC) | Complete |
| MSHA Identification Number and MSHA Coordination | U.S. Department of Labor Mine Safety and Health Administration (MSHA) | Completed in 2010. |
| Building Permit | Mineral County Fire Marshall | A full set of plans to the Mineral County Fire Marshall was submitted in June of 2011 for approval. |
| Special Use Permit | Mineral County, Planning Commission | Application has been submitted and was approved in June of 2011. |
| Septic Tank (Small Capacity Commercial Wastewater Disposal System) | NDEP-Bureau of Water Pollution Control | Design for septic tank was submitted for review and we expect approval in the 2 nd Qtr of 2012 |
| Notification of Commencement or Closing of Mine Operations | Nevada Department of Business and Industry, Division of Industrial Relations, Mine Safety Section | Complete |
| Industrial Artificial Pond Permit | Nevada Department of Wildlife | Complete |
| Fire Protection Certification | Nevada Department of Public Safety; Nevada State Fire Marshall | Contact will be made with the State Fire Marshall. |
| Right of Way for a Power Line (approximately 5,000 linear ft) | BLM USFS | Complete |
| Petroleum Contaminated Soils (PCS) | NDEP | Needed prior to installation of the truck shop. |

In addition, the BLM has granted approval for drilling exploration holes in the areas of the West Pediment and the Central Pediment, which are on the Borealis Property but outside of the central project area.

Environmental Inventories

There are certain environmental evaluations that routinely must be completed in order to provide the information against which project impacts are measured. Both the U.S. Forest Service and the Nevada Bureau of Mining Regulation and Reclamation (BMRR) have requirements to profile existing conditions and to evaluate what effects will result from implementing the project plans on those mineral resources.

Background information on geology, air quality, soils, biology, water resources, social and economic conditions, and cultural resources were assembled for us and submitted to the appropriate regulatory agency.

United States Regulatory Matters

General

All of our activities in the United States are subject to regulation by governmental agencies under various mining and environmental laws. The nature and scope of regulation depends on a variety of factors, including the type of activities being conducted, the ownership status of land on which the operations are located, the nature of the resources affected, the states in which the operations are located, the delegation of federal air and water-pollution control and other programs to state agencies, and the structure and organization of state and local permitting agencies. We believe that we are in substantial compliance with all such applicable laws and regulations. While these laws and regulations govern how we conduct many aspects of our business, we do not believe that they will have a material adverse effect on our operations or financial condition. We evaluate our projects in light of the cost and impact of regulations on the proposed activity, and evaluate new laws and regulations as they develop to determine the impact on, and changes necessary to, our operations.

Generally, compliance with environmental and related laws and regulations requires us to obtain permits issued by regulatory agencies and to file various reports and keep records of our operations. Some permits require periodic renewal or review of their conditions and may be subject to a public review process during which opposition to our proposed operations may be encountered.

U.S. Federal and State Environmental Law

Our past and future activities in the United States may cause us to be subject to liability under various federal and state laws. Proposed mining activities on federal land trigger regulations promulgated by the USFS, the Bureau of Land Management (BLM), and potentially other federal agencies, depending on the nature and scope of the impacts. For operations on federal public lands administered by the BLM that disturb more than five acres, an operator must submit a Plan of Operations to BLM. On USFS-administered lands, the USFS requires the submission of a notice for all mining operations, regardless of size, and a Plan of Operations if the USFS determines that there will be any significant disturbance of the surface.

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (CERCLA), imposes strict, joint, and several liability on parties associated with releases or threats of releases of hazardous substances. Liable parties include, among others, the current owners and operators of facilities at which hazardous substances were disposed or released into the environment and past owners and operators of properties who owned such properties at the time of such disposal or release. This liability could include response costs for removing or remediating the release and damages to natural resources. We are unaware of any reason why our undeveloped properties would currently give rise to any potential CERCLA liability. We cannot predict the likelihood of future CERCLA liability with respect to our properties or surrounding areas that have been affected by historic mining operations.

Under the Resource Conservation and Recovery Act (RCRA) and related state laws, mining companies may incur costs for generating, transporting, treating, storing, or disposing of hazardous or solid wastes associated with certain mining-related activities. RCRA costs may also include corrective action or clean up costs.

Mining operations may produce air emissions, including fugitive dust and other air pollutants, from stationary equipment, such as crushers and storage facilities, and from mobile sources such as trucks and heavy construction equipment. All of these sources are subject to review, monitoring, permitting, and/or control requirements under the federal Clean Air Act and related state air quality laws. Air quality permitting rules may impose limitations on our production levels or create additional capital expenditures in order to comply with the permitting conditions.

Under the federal Clean Water Act and delegated state water-quality programs, point-source discharges into Waters of the State are regulated by the National Pollution Discharge Elimination System (NPDES) program. Section 404 of the Clean Water Act regulates the discharge of dredge and fill material into Waters of the United States, including wetlands. Stormwater discharges also are regulated and permitted under that statute. All of those programs may impose permitting and other requirements on our operations.

The National Environmental Policy Act (NEPA) requires an assessment of the environmental impacts of major federal actions. The federal action requirement can be satisfied if the project involves federal land or if the federal government provides financing or permitting approvals. NEPA does not establish any substantive standards. It merely requires the analysis of any potential impact. The scope of the assessment process depends on the size of the project. An EA may be adequate for smaller projects. An Environmental Impact Statement (EIS), which is much more detailed and broader in scope than an EA, is required for larger projects. NEPA compliance requirements for any of our proposed projects could result in additional costs or delays.

The Endangered Species Act (ESA) is administered by the U.S. Department of Interior s U.S. Fish and Wildlife Service. The purpose of the ESA is to conserve and recover listed endangered and threatened species and their habitat. Under the ESA, endangered means that a species is in danger of extinction throughout all or a significant portion of its range. Threatened means that a species is likely to become endangered within the foreseeable future. Under the ESA, it is unlawful to take a listed species, which can include harassing or harming members of such species or significantly modifying their habitat. We conduct wildlife and plant inventories as required as part of the environmental assessment process prior to initiating exploration projects. We currently are unaware of any endangered species issues at any of our projects that would have a material adverse effect on our operations. Future identification of endangered species or habitat in our project areas may delay or adversely affect our operations.

We are committed to fulfilling our requirements under applicable environmental laws and regulations. These laws and regulations are continually changing and, as a general matter, are becoming more restrictive. Our policy is to conduct our business in a manner that safeguards public health and mitigates the environmental effects of our business activities. To comply with these laws and regulations, we have made, and in the future may be required to make, capital and operating expenditures.

U.S. Federal and State Reclamation Requirements

We are subject to land reclamation requirements under state and federal law, which generally are implemented through reclamation permits that apply to exploration activities. These requirements often mandate concurrent reclamation and require the posting of reclamation bonds or other financial assurance sufficient to guarantee the cost of reclamation. If reclamation obligations are not met, the designated agency could draw on these bonds and letters of credit to fund expenditures for reclamation requirements.

Reclamation requirements generally include stabilizing, contouring and re-vegetating disturbed lands, controlling drainage from portals and waste rock dumps, removing roads and structures, neutralizing or removing process solutions, monitoring groundwater at the mining site, and maintaining visual aesthetics. We believe that we currently are in substantial compliance with and are committed to maintaining all of our financial assurance and reclamation obligations pursuant to our permits and applicable laws.

Copper Basin Property

We do not consider the Copper Basin Property to be one of our material properties. The Copper Basin Property is an exploration stage property and does not currently have any known Guide 7 compliant reserves.

The Copper Basin exploration property hosts high-grade underground copper silver deposits and peripheral open pit low-grade copper oxide deposits. Gryphon Gold controls 26 unpatented lode mining claims surrounding a core of ten patented private claims. Most of the reported historic production came from underground mining of high grade copper silver zones that averaged around 6% copper and 10 ounces per ton of silver. The surface rocks found around the high grade zones show wide spread copper oxide mineralization. The prospective extent of the copper mineralization measures roughly 6000 feet N-S by 3000 feet E-W. Past exploration by Phelps Dodge Corporation in 1997 found that both high grade and low grade mineralization is found on Gryphon s claims. Their preliminary testing of drill samples showed upwards of 95% leach recovery of the copper, with only moderate acid consumption. Gryphon is planning to conduct additional geological evaluation.

ITEM 3. LEGAL PROCEEDINGS

Except as provided below, neither we nor any of our properties, including the Borealis Property, are currently subject to any material legal proceedings or other regulatory proceedings and to our knowledge no such proceedings are contemplated.

On September 16, 2005, our subsidiary, BMC, was named as a co-defendant in an ongoing civil action pending in the United States District Court for the District of Nevada, entitled *United States v. Walker River Irrigation District* (Court Doc. No. In Equity C-125, Subfile C-125-B). The action seeks to determine the existence and extent of water rights held by the federal government in the Walker River drainage area for use on federally reserved lands such as Indian reservations, National Forests, military reservations, and the like. The suit does not dispute nor seek to invalidate any existing water rights (including ours); rather, it seeks to determine the extent and priority of the federal government's water rights. On May 27, 2003, the Court stayed all proceedings to allow the United States, the State of Nevada, the State of California, the Walker River Paiute Tribe, the Walker River Irrigation District, Mono County, California, Lyon County, Nevada, Mineral County, Nevada and the Walker Lake Working Group to attempt to mediate a settlement. No settlement has yet been reached. BMC was named as one of several hundred co-defendants in this action because it owns water rights within a portion of the Walker River drainage area in Nevada, which were granted under a permit on September 16, 2005.

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We, like most private water right owners, intend to have only minimal involvement in the merits of the lawsuit. We do not believe that this civil action, which will determine the extent and priority of federally reserved water rights in the area, will have any effect on our potential business operations.

On January 31, 2012, we were served with a complaint alleging breach of contract that was filed in the First Judicial District court for the State of Nevada in Carson City by Borealis royalty holders which include the Cavell Trust, Hardrock Mining Company and John W. Whitney. The royalty holders allege that advance royalties which have been paid by Gryphon Gold are not recoverable and are payable during the duration of the mining lease. Gryphon Gold deducts previously paid advance royalties from production royalties payable under the Borealis mining lease agreement. We believe their claims are without merit and intend to vigorously defend against the claims. On February 21, 2012, we filed an answer and counterclaim to the royalty holders' complaint. In the answer and counterclaim we alleged breach of contract against the royalty holders. We currently place an amount equal to the accrued offset to the advance royalties into escrow pending the outcome of the litigation.

ITEM 4. MINE SAFETY DISCLOSURES

Information concerning mine safety violations or other regulatory matters required by Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act and Item 104 of Regulation S-K is included in Exhibit 95 to this Annual Report on Form 10-K.

PART II

ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

Market Information

Our common stock is quoted on the Toronto Stock Exchange (TSX) and is quoted on the Over-the-Counter Bulletin Board in the United States. Our common shares commenced trading on the TSX on December 22, 2005. Before trading on the TSX our stock was not publicly traded on any exchange. On June 1, 2006, our stock became eligible to be quoted on the Over-the-Counter Bulletin Board market in the United States.

The high and low sales prices of our common stock on the TSX were as follows:

| | <u>Period</u> | <u>High</u> | <u>Low</u> |
|-----------------------|----------------------|-------------|------------|
| 2012 | | | |
| Second Quarter | June 25, 2012 | Cdn\$0.19 | Cdn\$0.11 |
| First Quarter | | Cdn\$0.26 | Cdn\$0.13 |
| 2011 | | | |
| Fourth Quarter | | Cdn\$0.37 | Cdn\$0.24 |
| Third Quarter | | Cdn\$0.32 | Cdn\$0.14 |
| Second Quarter | | Cdn\$0.16 | Cdn\$0.15 |
| First Quarter (TSX) | | Cdn\$0.25 | Cdn\$0.13 |
| 2010 | | | |
| First Quarter (TSX) | | Cdn\$0.23 | Cdn\$0.13 |
| Second Quarter (TSX) | | Cdn\$0.20 | Cdn\$0.10 |
| Third Quarter (TSX) | | Cdn\$0.18 | Cdn\$0.09 |
| Fourth Quarter (TSX) | | Cdn\$0.28 | Cdn\$0.15 |

As of June 25, 2012, we had 194,103,382 shares of common stock issued and outstanding, held by approximately 2,500 registered shareholders. In many cases, shares are registered through intermediaries, making the precise number of shareholders difficult to obtain.

Dividend Policy

We anticipate that we will retain any earnings to support operations and to finance the growth and development of our business. Therefore, we do not expect to pay cash dividends in the foreseeable future. Any further determination to pay cash dividends will be at the discretion of our board of directors and will be dependent on the financial condition, operating results, capital requirements and other factors that our board deems relevant. We have never declared a dividend.

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Purchases of Equity Securities by the Small Reporting Company and Affiliates**Equity Compensation Plans***Securities Authorized for Issuance*

On March 29, 2005, our Board of Directors adopted a stock option plan which was approved by our shareholders on May 13, 2005. As of April 16, 2011, all options granted under this stock compensation plan have been either forfeited or exercised (107,500) and the plan is no longer in effect.

On April 4, 2006 (amended July 24, 2006), the Board of Directors approved the 2006 Omnibus Incentive Plan, which increased the number of reserved shares of common stock for issuance to employees, officers, directors, consultants and advisors, from 3,000,000 to 6,000,000 shares. The 2006 Omnibus Incentive Plan was ratified by the shareholders at the Company's annual general meeting on September 12, 2006, along with all options previously granted there under, pending such ratification.

On September 8, 2009, at the special meeting of the shareholders, the shareholders approved an increase in the number of shares of common stock issuable pursuant to the grant of stock options under the 2006 Omnibus Incentive Plan. After the shareholders approved increase, the 2006 Omnibus Incentive Plan authorizes us to grant 6,000,000 options of common stock and 1,000,000 restricted stock units.

On September 8, 2011, at the annual general meeting of the shareholders, the shareholders approved an increase in the number of shares of common stock issuable pursuant to the grant of stock options under the Omnibus Incentive Plan. After the shareholders approved the increase, the 2006 Omnibus Incentive Plan authorizes us to grant 12,000,000 options of common stock and 1,000,000 restricted stock units.

As of June 25, 2012 we had granted 12,022,000 stock options, of which 5,629,500 were forfeited and 150,000 were exercised pursuant to the terms of our Omnibus Incentive Plan as described below with expiry dates to 2017; 1,126,170 restricted stock units had been granted as of June 25, 2012, of which 142,750 have been forfeited and the equivalent of 42,500 were issued in cash pursuant to the terms of our Omnibus Incentive Plan.

We have no equity compensation plans in place that have not been approved by our shareholders. The table below shows securities issued under our equity compensation plans as of June 25, 2012.

| | Number of securities to be issued upon exercise of outstanding options, warrants, and rights (a) | Weighted-average exercise price of outstanding options, warrants, and rights (b) | Number of securities remaining available for future issuance under equity compensation plans (excluding securities reflected in column (a)) (c) |
|---|---|---|---|
| Equity compensation plans approved by security holders⁽¹⁾ | 6,242,500 ⁽¹⁾ | \$0.30* | 5,474,080 ⁽²⁾ |
| Equity compensation plans not approved by security holders | -- | -- | -- |
| TOTAL | 6,242,500 | -- | 5,474,080 |

(1) Consists 6,242,500 outstanding options granted from the Omnibus Incentive Plan.

(2) Consists of 5,457,500 options and 16,580 restricted stock units remaining under the Omnibus Incentive Plan.

* Based on the March 31, 2012 exchange rate of Cdn\$1 equals US\$1.0025
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2006 Omnibus Incentive Plan

The Plan is administered by the Compensation Committee, which has full and final authority with respect to the granting of options there under. Options may be granted under the Plan to such directors, officers, employees or consultants of Gryphon Gold and its subsidiaries as the Compensation Committee may from time to time designate (referred to as a participant). Each option will generally entitle a participant to purchase one share of common stock during the term of the option upon payment of the exercise price. The exercise price of any options granted under the Plan shall be determined by the Compensation Committee and may not be less than the market price of our common stock on the date of grant of the options (calculated in accordance with the rules of the Toronto Stock Exchange as the volume weighted average trading price for the five trading days preceding the date of grant). Gryphon Gold may provide financial assistance to eligible persons to purchase shares of common stock under the Plan, subject to applicable law and the rules and policies of any securities regulatory authority or stock exchange with jurisdiction over the Corporation or a trade in its securities. Any financial assistance so provided will be repayable with full recourse and the term of any such financing shall not exceed the term of the option to which the financing applies.

The term of any options granted shall be determined by the Compensation Committee at the time of the grant but the term of any options granted under the Plan shall not exceed ten years. If desired by the Compensation Committee, options granted under the Plan may be subject to vesting provisions. Options granted under the Plan are not transferable or assignable other than by will or otherwise by operation of law. In the event of death or disability of an option holder, options granted under the Plan vest immediately if unvested and expire one year from the death or disability of the option holder.

Certain restrictions contained in the Plan include:

- the number of shares of common stock which may be issued pursuant to the Plan (or any other employee related plan or options for service) to any one person may not exceed 5% of all the common shares issued and outstanding on a non-diluted basis from time to time; and
- the number of shares of common stock which may be issued pursuant to the Plan (or any other employee-related plan or options for services) to insiders (as defined in the rules of the Toronto Stock Exchange to include generally directors, senior officers of Gryphon Gold or its subsidiaries or shareholders who own more than 10% of our common stock) during any twelve month period may not exceed 10% of the common stock issued and outstanding on a non-diluted basis from time to time (unless approval of disinterested shareholders has been obtained in accordance with the rules of the Toronto Stock Exchange).
- the number of shares of common stock which may be reserved for issuance in respect of options granted to insiders pursuant to the Plan (or any other employee-related plan or options for service) may not exceed 10% of the common stock issued and outstanding on a non-diluted basis from time to time unless approval of disinterested shareholders has been obtained in accordance with the rules of the Toronto Stock Exchange).

Our Board of Directors may at any time terminate or amend the Plan in any respect, provided however, that the board may not, without the approval of the shareholders, amend the Plan or any option granted thereunder in any manner that requires shareholder approval under applicable law or the rules and policies of any stock exchange or quotation system upon which the common shares are listed or quoted.

Sale of Unregistered Securities

All sales of unregistered securities prior to March 31, 2012 were previously reported in our quarterly and current reports filed with the Securities and Exchange Commission.

ITEM 6. SELECTED FINANCIAL DATA

Not Applicable to smaller reporting company

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATION

You should read the following discussion and analysis of our financial condition and results of operations together with our financial statements and related notes appearing elsewhere in this annual report. This discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions. Our actual results may differ materially from those anticipated in these forward-looking statements as a result of many factors, including, but not limited to, those set forth under Risk Factors and Uncertainties and elsewhere in this annual report.

Overview:

Exploration

During the year ended March 31, 2012, there were 2 drilling programs completed on the Borealis Property. The first program consisted of 32 reverse circulation holes for 4,485 feet of drilling and the second consisted of 27 reverse circulation holes for 1,295 feet of drilling. The first program was conducted over the backfilled Borealis Pit as confirmation drilling while the second program was conducted in the historic East Pit as confirmation drilling. The confirmation work was intended to confirm both grade estimate and metallurgical recovery based on fire versus cyanide assaying.

Development

On June 6, 2011, construction commenced on the Borealis Project. During the current fiscal year (ended March 31, 2012), the leach pad was completed, fluid ponds were constructed, roads were improved, power installed, facilities erected and the property put into commercial production. The ADR was approximately 90% complete, and operational. Our first bar of doré was poured on March 30, 2012.

Transactions during year ended March 31, 2012

On May 24, 2011, we closed an offering of 89,060,000 shares of common stock at a price of US\$0.125 per common share (CDN\$0.12 per common share) for aggregate gross proceeds of US\$10,902,500. As compensation to the Underwriters in connection with the Offering we granted the Underwriters warrants exercisable to purchase shares of common stock, expiring November 10, 2013, at an exercise price of US\$0.30 per share. Additionally, in consideration for services rendered by the Underwriters, we paid the Underwriters a cash fee equal to 6% of the aggregate gross proceeds of the Offering.

On May 26, 2011, we announced that, effective May 20, 2011, we exercised the option to fix the Net Smelter Return (NSR) royalty on its Borealis Property at 5%. In August 2008, Gryphon and its wholly-owned subsidiary, BMC, entered into an option agreement with the lessors of the Borealis Property to amend the Borealis Mining Lease to fix the gold price based sliding scale royalty at a 5% Net Smelter Royalty. Prior to the exercise of the option, the NSR payable to the lessors on the Borealis Property was calculated as the price of gold divided by one hundred expressed as a percentage (i.e. at a gold price of \$1,500/ounce the NSR royalty rate would be 15.0%). Under the terms of the option agreement, as amended, Gryphon exercised the option by paying the lessors aggregate consideration of \$7,000,000 (less the \$250,000 previously paid by Gryphon to the Lessors upon execution of the Option Agreement) as follows:

- (i) \$150,000 in cash,
- (ii) 7,726,500 shares of common stock at a deemed value of \$0.40 per share (\$3,090,500);
- (iii)

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5% promissory notes in the aggregate principal amount of \$1,600,000, due May 20, 2013, with installment payments due upon commencement of production on the Borealis Property; and

- (iv) 5% convertible notes in the aggregate principal amount of \$1,909,500, due May 20, 2014, convertible into shares of Gryphon common stock at \$0.70 per share through May 20, 2012, \$0.80 per share through May 20, 2013 and \$0.90 per share through May 20, 2014.

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On July 27, 2011, we closed a \$3,169,514 debt offering of units at a price of \$1,000 CAD per unit. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing July 28, 2012 and 1,500 Series P Warrants. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.20 USD per share until January 27, 2013. We also issued each of Acumen and Roth 112,500 Broker Warrants exercisable to acquire shares of common stock at a price per share of US\$0.20, until January 27, 2013. The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, September 30, and December 31 of each year commencing on September 30, 2011. The debentures were issued under the Trust indenture, which contains customary terms, conditions and covenants. The debentures were secured by a pledge of shares of BMC and a general security interest in the assets of Gryphon Gold. We repaid these debentures in April 2012.

On November 22, 2011 we closed a \$4.3 million debt offering of units. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing November 23, 2012 and 750 Series Q Warrants. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.40 USD per share until May 22, 2013. The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, and September 30. The debentures were issued under a Trust Indenture, which contains terms, conditions, covenants and restrictive covenants, including restrictive covenants that limited our ability to issue equity and debt securities. The debentures were secured by a pledge of the shares of BMC and a general security interest in our assets which was subordinate to the security interest granted to holders of the debentures issued on July 27, 2011. We repaid these debentures in April 2012.

On March 20, 2012, we entered into a Bridge Loan facility with Waterton Global LLC for \$1,500,000. The loan was to be paid within 60 days or be subject to immediate repayment from the \$15,000,000 Senior Credit Facility. Security for the loan was a perfected lien and a first priority security interest in all tangible and intangible properties and assets of Gryphon Gold. The loan accrued interest at a 15% rate and included a \$30,000 structuring fee as well as payment of 1,500,000 Series R Warrants, each entitling the lender to purchase one common share of Gryphon Gold stock at a strike price of C\$0.1862 per share. The warrants expire on March 20, 2015. We repaid the Bridge Loan in April, 2012.

In conjunction with the bridge loan the noteholders of the July and November 2011 debentures were issued an aggregate total of 14,955,308 Series S Warrants, each exercisable to acquire our common shares at a price of \$0.164 until September 20, 2013.

Subsequent to year end on April 19, 2012, we entered into a Senior Secured Gold Stream non-revolving credit facility with Waterton Global Value, LP, by its Investment Manager, Altitude Management Ltd. (the Senior Facility), in the aggregate amount of \$15,000,000. The full \$15,000,000 was advanced to us on April 19, 2012, and we used the proceeds to pay off the Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, as well as our C\$3,000,000 10% subordinated secured notes, due in July of 2013, and our C\$4,500,000 10% subordinated secured notes, due November 27, 2013. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The amount of monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The Senior Facility bears an interest rate at 5% per annum. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

We paid Waterton a non-refundable structuring fee equal to 1% of the draw-down amount and issued Waterton 14,062,500 Series T Warrants, exercisable to acquire shares of common stock at a price of C\$0.16 per share until April 18, 2015.

As part of the Senior Facility, we entered into a Gold and Silver Supply Agreement with Waterton whereby Waterton has the right to purchase all of the gold and silver produced by BMC at the Borealis property. The Gold and Silver Supply agreement is effective from the closing date of the Senior Facility until the Borealis Property ceases operations.

Discussion and Analysis

This discussion and analysis should be read in conjunction with the accompanying Consolidated Financial Statements and related notes. The discussion and analysis of the financial condition and results of operations are based upon the consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of any contingent liabilities at the financial statement date and reported amounts of revenue and expenses during the reporting period. On an on-going basis, we review our estimates and assumptions. The estimates were based on historical experience and other assumptions that we believe to be reasonable under the circumstances. Actual results could differ from those estimates under different assumptions or conditions, but we do not believe such differences will materially affect our financial position or results of operations. Critical accounting policies, the policies we believe are most important to the presentation of its financial statements and require the most difficult, subjective and complex judgments, are outlined below in Critical Accounting Policies, and have not changed significantly.

Critical Accounting Policies and Estimates

The preparation of our consolidated financial statements is in accordance with accounting principles generally accepted in the United States. The following are critical accounting policies and estimates which we believe are important to understanding our financial results.

- ***Use of estimates:*** The preparation of financial statements requires us to make estimates and assumptions which affect the reported amounts of assets and liabilities at the date of the financial statements and the revenues and expenses for the period reported. By their nature, these estimates are subject to measurement uncertainty and the effect on the financial statements of changes in such estimates in future periods could be significant. Actual results could differ from these estimates.
- ***Revenue Recognition:*** Sales of all metals products are recorded as revenues when title and risk of loss transfer to the purchaser. Sales to the purchaser is recorded net of charges for treatment, refining, smelting losses, and other charges negotiated by us with the purchaser.
- ***Inventories:*** We record gold in process, gold doré, and gold on carbon at lower of cost or market. Costs capitalized to in process and finished goods inventory include the cost of mineralized material processed; direct and indirect materials and consumables; direct labor; repairs and maintenance; utilities; amortization of property, plant and equipment; and local mine administrative expenses. Mine operating supplies are recorded at the lower of purchase cost or net realizable value. We record provisions to reduce inventory to net realizable value to reflect changes in economic factors that impact inventory value or to reflect present intentions for the use of slow moving and obsolete supplies inventory.
- ***Mineral property interests:*** We expense exploration costs as they are incurred. When we determine that a mining deposit can be economically and legally extracted or produced based on established proven and probable reserves, development costs incurred after such determination will be capitalized. The establishment of proven and probable reserves is based on results of final feasibility studies which indicate whether a property is economically feasible. Upon commencement of commercial production, we will transfer capitalized costs to the appropriate asset category and amortize them over their estimated useful lives and/or ounces produced, as appropriate. We capitalize the cost of acquiring mineral property interests (including claims establishment and maintenance) until we have determined the viability of the property. We expense capitalized acquisition costs if we determine that the property has no future economic value. We will also write down capitalized amounts if estimated future cash flows, including potential sales proceeds, related to the mineral property are estimated to be less than the carrying value of the property.
- ***Stock-based compensation:*** We follow guidance provided by ASC 718-10 for recognizing share-based payments. ASC 718-10 requires all share-based payments to be recognized in the financial statements based on their values using either a modified-prospective or modified-retrospective transition method. Effective April 1, 2006, we adopted the fair value recognition provisions of ASC 718-10, using the modified-prospective- transition method.
Our total employees are relatively few in number and turnover is considered remote, therefore we currently estimate forfeitures to be 23%. Estimation of forfeitures will be reviewed on a quarterly basis.
- ***Asset retirement obligations:*** We account for reclamation costs by the allocation of the expense over the life of the related assets which are periodically adjusted to reflect changes in the estimated present value resulting from the passage of time and revisions to the estimates of either the timing or amount of the reclamation and abandonment costs. Such costs include care and maintenance, removal of mining infrastructure, filling in of the mine area, and re-vegetation of the land. The asset retirement obligation is based on when the spending for an existing environmental disturbance and activity to date will occur. We review, on an annual basis, unless otherwise deemed necessary, our asset retirement obligation in accordance with ASC 410, Asset Retirement and Environmental Obligations .

- **Tax valuation allowance:** We have recorded a valuation allowance that fully reserves for our deferred tax assets because at this time we cannot establish that we will be able to utilize the tax loss carry-forwards in the future. If in the future we determine that we will be able to use all or a portion of our deferred tax assets in the future, based on our projections of future taxable income, we will reduce the valuation allowance, thereby increasing income in that period.
- **Foreign currency translation:** The United States dollar is our functional currency. Transactions involving foreign currencies for items included in operations are translated into U.S. dollars using average exchange rates; monetary assets and liabilities are translated at the exchange rate prevailing at the balance sheet date and all other balance sheet items are translated at the historical rates applicable to the transactions that comprise those amounts. Translation gains and losses are included in our determination of net income.

Year ended March 31, 2012 compared to year ended March 31, 2011

For the year ended March 31, 2012 we had a net loss from continuing operations of \$5,121,372 or \$0.03 per share compared to a net loss from continuing operations of \$3,383,599 or \$0.04 per share and a net income from discontinued operations of \$635,708 or \$0.01 per share for the prior fiscal year. Construction of the Borealis Project began in June 2011 and the leaching cycle began in late September 2011 with the first shipment of loaded carbon accomplished in October 2011, and the first doré bar poured on March 30, 2012. Despite the rapid move to commercial shipments of loaded carbon and ultimately gold, the Borealis Project faced a number of startup issues resulting in considerably lower than expected production for the year ended March 31, 2012. In the course of operations we experienced three key challenges that resulted in less than anticipated production rates.

- The amount of material placed on the leach pad was severely limited due to the contractor being unable to produce leach pad overliner in a timely manner;
- Lower than projected material delivered to the leach pad due to our crusher being removed from site for approximately two months and the temporary crusher not meeting specifications for planned production levels; and
- The pump delivering the barren solution to the leach pad was not the correct size and was providing less than 50% of original operating requirements.

All of the above challenges were remedied in our fourth quarter.

Our revenues were derived from loaded carbon sales. During the year we sold 32 tons of carbon containing approximately 1,580 gold ounces. Revenues were \$2,737,842. We delivered 529,729 tons to the leach pad for the year containing 6,409 recoverable ounces (using a 40% recovery rate).

Exploration expenses during the year ended March 31, 2012 were \$113,483 compared to \$949,022 in the same period in the prior fiscal year. The decrease is due to directing resources towards the commencement of production, with a majority of the costs incurred on the property being capitalized as development.

Management salaries and consulting fees for the year were \$1,411,379 compared to \$1,195,968 incurred in the prior fiscal year. Total non-cash compensation expense due to the recognition of costs related to stock options was \$277,283 in the year ended March 31, 2012 compared to the prior fiscal year of \$184,410.

Interest expense, net of capitalized interest, was \$979,510 for the year compared to \$1,040 in the same period in the prior fiscal year. This increase is due to the interest incurred on the promissory and convertible notes issued to reduce the potential future obligations under the royalty and the debt offerings completed in July 2011 and November 2011.

We had a loss on the modification of debt of \$1,590,321 compared to nil in the same period in the prior fiscal year. The loss was derived from the fair value of warrants, \$972,412, issued to existing noteholders in return for the forbearance of the debt covenants which created a substantial modification in the terms of the notes. Also included in

the loss were the deferred debt issue costs, \$358,503, and discount to notes payable, \$319,634, previously capitalized.

Liquidity and Capital Resources

Historically, our primary source of liquidity is cash that we raise by way of sale of common stock from treasury, other equity securities, and debt financings. Based upon our current operating plans and expected business conditions, we currently expect to fund our short and long-term working capital needs primarily using existing cash revenue from our Borealis Project. In addition, on a going forward basis the sale of common shares may be a source along with a variety of debt instruments to go along with continuous sales of gold and silver doré.

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Borealis Lease

We anticipate continuing to take all steps necessary to preserve our rights to the Borealis Property under the existing terms of the property lease. We also intend to work with the USFS to maintain our permits under the Plan of Operations. These steps are intended to preserve the existing value of the Borealis Property for our shareholders.

Borealis Project

Based upon the April 25, 2011 Pre-Feasibility Update and subsequent to the successful completion of a \$10.9 million public offering on May 18, 2011, we began construction and development of the Borealis Project. Our plan was based on the Plan of Operations filed with the U.S. Forest Service and could change based on additional information as it is acquired and analyzed in our ongoing engineering studies and facts on the ground to expand production.

Capital Resources

During the year ended on March 20, 2012, we used the \$1,500,000 we received from the Waterton bridge loan to fund our working capital and fund the operations at the Borealis project. The Waterton bridge loan had an interest rate of 15% per annum. We used part of the proceeds of the Senior Facility to repay the Waterton bridge loan.

At March 31, 2012, we had working capital of \$843,193 with an average cash expenditure rate of \$1,000,000 per month in a typical month. This level of activity will change based upon future events. We have instituted a new cost accounting to track production expenditures on a monthly basis. Current assets consisted of \$602,343 in cash, \$358,005 in accounts receivable, and \$171,515 in prepaid expenses, \$6,363,016 in metal and supply inventories and \$312,549 in deferred debt issue costs. We had \$5,004,298 in accounts payable and \$1,959,937 in the current portion of our debts.

We have just begin operating on the Borealis Project and we believed that additional resources were required to enable us to expand current production, meeting financial obligations and begin Phase 2. We intend to expand the Borealis Project with the capital received from Waterton Global LLC on April 19, 2012. However, no assurance can be given that we will achieve profitability or positive cash flow from continuing operations. We may raise additional funds through debt and/or equity financing. However, access to additional capital may not be available on terms acceptable to us or at all. If we are unable to raise additional capital and expected revenues do not result in positive cash flow from operations, we will not be able to meet our obligations and may have to suspend or cease operations.

We expect in the upcoming months as production is expanded that our costs will range between \$1.0 and \$2.0 million per month. The current average burn rate of \$1,000,000 per month does not include all anticipated costs, including annual claim maintenance fees, or advance royalty payments and 5% NSR

During the year ended March 31, 2012, we used cash in operating activities of \$5,441,086 which included our net loss during the year of \$5,121,372 this was off-set by depreciation, ARO accretion, loss on the disposal of assets, non-cash compensation, amortization of debt offering costs, amortization of notes payable discount, changes in liability of warrants, loss on a modification of debt, and changes in non-cash working capital. We had increases of \$2,991,584 in accounts payable, \$48,799 prepaid expense, \$328,113 in accounts receivable and \$5,886,776 in inventories.

We used cash from investing activities of \$12,348,575 including \$2,613,666 in reclamation bonds, \$9,618,934 in property, plant and equipment, payment of \$150,000 to amend the royalty option, proceeds of \$2,975 from a small note receivable, and \$31,050 from an insurance claim on equipment.

We received cash from financing activities of \$17,564,408, including debt offering of \$8,533,743, payment on notes payable of \$223,521, proceeds of \$11,134,317 from the sale of common shares, exercise or stock options and warrants, net of debt and share issue costs of \$1,880,131. Cash decreased during the period by \$234,114 to \$602,343

as at March 31, 2012.

Subsequent to March 31, 2012, we obtained a \$15,000,000 Senior Facility. On April 19, 2012, we drew down the full \$15,000,000 and used the proceeds to pay off a Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, C\$3,000,000 10% subordinated secured notes, due in July of 2013, and C\$4,500,000 10% subordinated secured notes, due November 27, 2013. We intend to use the remaining proceeds for working capital and additional capital expenditures related to our Borealis Project. We anticipate that the remaining proceeds from the Senior Facility and cash flow from operations will be sufficient to fund our cash requirements to achieve full production and processing capabilities at the Borealis Project. However, no assurance can be given that we will achieve profitability or positive cash flow from operations and we may require additional financing if we encounter unexpected costs or delays.

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The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

Repayment of the Senior Facility may impact our results of operations due to the applied 20% discount to the gold spot price in connection with our repayment obligations. The reduced cash flow could severely limit our business growth and future funding.

Updated share capital as of June 25, 2012:

| | |
|--|-------------|
| Basic Common Stock Issued and Outstanding | 194,103,382 |
| Warrants, Options and other Convertible Securities | 54,478,630 |
| Fully Diluted Common Stock | 247,582,012 |

Subsequent to March 31, 2012, we issued an additional 14,062,500 Series T Warrants, exercisable to acquire shares of common stock at a price of C\$0.16 per share until April 18, 2015.

If all of the convertible securities issued and outstanding as of March 31, 2012 are fully exercised or converted, we would issue an additional 39,416,130 shares of common stock, and our issued and outstanding share capital would increase to 233,519,512 shares. If all of the convertible securities issued and outstanding as of June 28, 2012 are fully exercised or converted, we would issue an additional 52,270,165 shares of common stock, and our issued and outstanding share capital would increase to 246,373,547 shares.

Royalty Obligations

On May 25, 2011 we exercised our option to fix the NSR at 5%. Under the terms of the option agreement, as amended, we exercised the option by paying the lessors aggregate consideration of \$7,000,000 (less the \$250,000 previously paid by Gryphon to the Lessors upon execution of the Option Agreement) as follows:

- (i) \$150,000 in cash,
- (ii) 7,726,500 shares of common stock at a deemed value of \$0.40 per share (\$3,090,500);
- (iii) 5% promissory notes in the aggregate principal amount of \$1,600,000, due May 20, 2013, with installment payments due upon commencement of production on the Borealis Property; and
- (iv) 5% convertible notes in the aggregate principal amount of \$1,909,500, due May 20, 2014, convertible into shares of our common stock at \$0.70 per share through May 20, 2012, \$0.80 per share through May 20, 2013 and \$0.90 per share through May 20, 2014.

Off-Balance Sheet Arrangements

We do not have any off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on our financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that is material to investors.

Contractual Obligations

Prior to production at the Borealis Project, we made advance royalty payments of approximately \$10,205 per month to certain lease holders. Also, to maintain its existing claims on the Borealis Property, we make payments totaling approximately \$94,000 annually. These payments are contingent upon us maintaining an interest in the property. As of

March 31, 2012, we had the following non-cancellable contractual obligations:

| | Payments Due by Period | | | | |
|---|-------------------------------|-----------------------------|------------------|------------------|------------------------------|
| | Total | Less than 1 Year | 2-3 Years | 4-5 Years | More than 5 Years |
| Operating Lease Obligation ⁽¹⁾ | 93,217 | 65,800 | 27,417 | - | - |
| Operating Lease Obligation ⁽²⁾ | 1,200 | 1,200 | - | - | - |
| Operating Lease Obligation ⁽³⁾ | 86,562 | 38,472 | 48,090 | - | - |

- (2) Obligation for the rental of office space in Vancouver, BC, 5-year term, terminating August 2013 and payments of approximately Cdn\$5,470 per month. The Vancouver office has been sub-leased commencing May 1, 2010 for the remaining life on lease for Cdn\$4,200 per month. \$13,470, the difference between the required lease payments and the estimated future sub-lease receipts, has been accrued as a loss at year ended March 31, 2012.
- (3) Obligation for rental of office space in Hawthorne, Nevada, one-year term, terminating April 30, 2012 and payments of \$1,200 per month.
- (4) Obligation for rental of office space in Carson City, Nevada, three-year term, terminating June 30, 2014 and payments of \$3,206 per month.

Subsequent to March 31, 2012, on April 19, 2012, we obtained a \$15,000,000 Senior Facility. We used the proceeds from the Senior Facility to pay off a Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, C\$3,000,000 10% subordinated secured notes, due in July of 2013, and C\$4,500,000 10% subordinated secured notes, due November 27, 2013. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Not Applicable to smaller reporting company

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

Consolidated Financial Statements

Gryphon Gold Corporation

March 31, 2012 and 2011

(Stated in U.S. dollars)

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Report of Independent Registered Public Accounting Firm

Board of Directors
Gryphon Gold Corporation

We have audited the accompanying consolidated balance sheets of **Gryphon Gold Corporation** (the Company) as of March 31, 2012 and 2011, and the related consolidated statements of operations, changes in stockholders' equity, and cash flows for the years then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, based on our audit, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Gryphon Gold Corporation as of March 31, 2012 and 2011, and the consolidated results of its operations and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

The accompanying consolidated financial statements have been prepared assuming that the Company will continue as a going concern. As more fully described in Note 1 to the consolidated financial statements, the Company has suffered recurring operating losses and has an accumulated deficit of \$43,072,173. These conditions raise substantial doubt about the Company's ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 1. The March 31, 2012 and 2011 consolidated financial statements do not include any adjustments to reflect the possible future effects on the recoverability and classification of assets or the amounts and classification of liabilities that may result from the outcome of this uncertainty.

/s/ DeCoria, Maichel & Teague P.S.

DeCoria, Maichel & Teague P.S.
Spokane, Washington
June 25, 2012

Gryphon Gold Corporation
Consolidated Balance Sheets

(Stated in U.S. dollars)

| | As at March 31, 2012 | As at March 31, 2011 |
|--|-------------------------------------|-------------------------------------|
| ASSETS | | |
| Current Assets | | |
| Cash | \$ 602,343 | \$ 837,457 |
| Accounts receivable | 358,005 | 29,892 |
| Note receivable | - | 2,975 |
| Prepaid expenses | 171,515 | 122,716 |
| Inventories | 6,363,016 | - |
| Deferred share issue costs | - | 281,278 |
| Deferred debt issue costs | 312,549 | - |
| Total Current Assets | 7,807,428 | 1,274,318 |
| Property, plant & equipment, net | 19,565,395 | 2,760,330 |
| Reclamation bonds | 2,839,559 | 225,893 |
| Total Assets | \$ 30,212,382 | \$ 4,260,541 |
| LIABILITIES AND STOCKHOLDERS EQUITY | | |
| Current Liabilities | | |
| Accounts payable and accrued liabilities | \$ 5,004,298 | \$ 397,106 |
| Current portion of the long term debt | 583,458 | - |
| Note payable | 1,376,479 | - |
| Total Current Liabilities | 6,964,235 | 397,106 |
| Asset retirement obligation | 1,675,877 | 51,300 |
| Warrant derivative liability | 137,291 | - |
| Long-term debt | 10,198,611 | - |
| Total liabilities | 18,976,014 | 448,406 |
| Commitments & contingencies [Note 10 and 13] | | |
| Stockholders Equity | | |
| Common stock | 194,103 | 96,984 |
| Additional paid-in capital | 54,114,438 | 41,665,952 |
| Accumulated deficit | (43,072,173) | (37,950,801) |
| Total Stockholders Equity | 11,236,368 | 3,812,135 |
| Total Liabilities and Stockholders Equity | \$ 30,212,382 | \$ 4,260,541 |

See Note 1 Nature of Operations and Going Concern Uncertainty

The accompanying notes are an integral part of these consolidated financial statements.

Gryphon Gold Corporation
Consolidated Statement of Operations

(Stated in U.S. dollars)

| | Year ended March 31, 2012 | Year ended March 31, 2011 |
|--|--|--|
| Sales of product | \$ 2,737,842 | \$ - |
| Cost of sales and other direct production costs | 2,132,880 | - |
| Gross profit | 604,962 | - |
| Other operating expenses: | | |
| Exploration | 113,483 | 949,022 |
| Salaries & consulting fees | 1,411,379 | 1,195,968 |
| General and administrative | 781,199 | 699,613 |
| Legal and audit | 282,154 | 260,470 |
| Travel and accommodation | 231,555 | 142,515 |
| Depreciation | 16,709 | 51,919 |
| Loss (gain) on disposal of equipment | 959 | (112) |
| Asset retirement obligation accretion | 139,673 | 3,046 |
| Total other operating expenses | 2,977,111 | 3,302,441 |
| Income (loss) from operations | (2,372,149) | (3,302,441) |
| Other (income) expense: | | |
| Foreign exchange loss | 190,551 | 6,447 |
| Loss on modification of debt | 1,590,321 | - |
| Realized loss on securities | - | 75,772 |
| Interest income | (11,159) | (2,101) |
| Interest expense, net of capitalized interest | 979,510 | 1,040 |
| Total other (income) expense | 2,749,223 | 81,158 |
| Loss from continuing operations | (5,121,372) | (3,383,599) |
| Discontinued operations: | | |
| Loss from discontinued operations | - | (29,244) |
| Gain on sale of discontinued operations | - | 664,952 |
| Income from discontinued operations | - | 635,708 |
| Net loss | \$ (5,121,372) | \$ (2,747,891) |
| Basic and diluted income (loss) per share: | | |
| Loss from continuing operations | \$ (0.03) | \$ (0.04) |
| Income from discontinued operations | - | \$ 0.01 |
| Total loss per share | \$ (0.03) | \$ (0.03) |
| Basic and diluted weighted average number of common shares outstanding | 181,395,836 | 90,075,261 |

The accompanying notes are an integral part of these consolidated financial statements.

Gryphon Gold Corporation
Consolidated Statements of Changes in Stockholders' Equity
(Stated in U.S. dollars, except per share data)

| | Common Stock | | Additional paid in capital | Accumulated deficit | Total |
|--|--------------------|-------------------|----------------------------------|------------------------|----------------------|
| | Shares | Amount | | | |
| Balance, March 31, 2010 | 86,033,774 | \$ 86,034 | \$ 39,585,228 | \$ (35,202,910) | \$ 4,468,352 |
| Shares issued: | | | | | |
| For private placements | 7,964,429 | 7,964 | 1,500,593 | | 1,508,558 |
| Option consideration | 1,500,000 | 1,500 | 268,500 | | 270,000 |
| Consultant compensation | 550,000 | 550 | 125,950 | | 126,500 |
| Share issue costs | | | (104,729) | | (104,729) |
| Settlement of accounts payable | 436,929 | 437 | 59,563 | | 60,000 |
| Fair value of restricted stock units granted | 275,000 | 275 | 41,923 | | 42,198 |
| Fair value of options granted | | | 142,212 | | 142,212 |
| Exercise of warrants | 223,500 | 224 | 46,712 | | 46,935 |
| Net loss for the year | | | | (2,747,891) | (2,747,891) |
| Balance, March 31, 2011 | 96,983,632 | 96,984 | 41,665,952 | (37,950,801) | 3,812,135 |
| Shares issued: | | | | | |
| For public offering | 89,060,000 | 89,060 | 10,979,302 | | 11,068,362 |
| Exercise of option to reduce royalty | 7,726,250 | 7,726 | 1,073,949 | | 1,081,675 |
| Share issue costs | | | (13,177) | | (13,177) |
| Public offering costs | | | (1,466,723) | | (1,466,723) |
| Exercise of options | 150,000 | 150 | 19,930 | | 20,080 |
| Exercise of warrants | 183,500 | 183 | 45,691 | | 45,874 |
| Fair value of options granted | | | 277,283 | | 277,283 |
| Fair value of warrants issued | | | 1,532,231 | | 1,532,231 |
| Net loss for the year | | | | (5,121,372) | (5,121,372) |
| Balance March 31, 2012 | 194,103,382 | \$ 194,103 | \$ 54,114,438 | \$ (43,072,173) | \$ 11,236,368 |

See Note 1 Nature of Operations and Going Concern Uncertainty

The accompanying notes are an integral part of these consolidated financial statements.

Gryphon Gold Corporation
Consolidated Statements of Cash Flows

(Stated in U.S. dollars)

| | Year ended March 31, 2012 | Year ended March 31, 2011 |
|--|---------------------------------|---------------------------------|
| OPERATING ACTIVITIES | | |
| Net loss for the period | \$ (5,121,372) | \$ (2,747,891) |
| Items not involving cash: | | |
| Depreciation | 178,405 | 51,919 |
| Asset retirement obligation accretion | 139,673 | 3,046 |
| Loss on disposal of equipment: | (959) | 112 |
| Write down of accrued liability: | - | (124,008) |
| Share based compensation | 277,283 | 184,410 |
| Amortization of debt offering costs | 385,389 | - |
| Amortization of notes payable discount | 372,415 | - |
| Unrealized gain on foreign exchange | 9,861 | - |
| Non-cash interest expense | - | 10,364 |
| Realized loss on securities | - | 75,772 |
| Loss on modification of debt | 1,590,321 | - |
| Gain on sale of discontinued operations | - | (664,952) |
| Changes in non-cash working | | |
| Capital items: | | |
| Accounts receivable | (328,113) | 6,521 |
| Accounts payable and accrued liabilities | 2,991,586 | (251,864) |
| Inventories | (5,886,776) | - |
| Prepaid expenses | (48,799) | 34,765 |
| Cash used in operating activities | (5,441,086) | (3,421,806) |
| INVESTING ACTIVITIES | | |
| Reclamation bonds purchased | (2,613,666) | (65,116) |
| Option payment received | - | 100,000 |
| Purchase of property, plant & equipment | (9,618,934) | (59,007) |
| Cash received from sale of discontinued operations | - | 2,250,000 |
| Option payment to amend and reduce royalty | (150,000) | (200,000) |
| Proceeds from sales of held for trading securities | - | 116,195 |
| Proceeds from note receivable | 2,975 | 10,597 |
| Proceeds from insurance claim on equipment | 31,050 | 52 |
| Cash used in investing activities | (12,348,575) | 2,152,721 |
| FINANCING ACTIVITIES | | |
| Payments on notes payable | (223,521) | - |
| Proceeds from notes payable | 8,533,743 | - |
| Shares and warrants issued for cash | 11,134,317 | 1,555,493 |
| Debt and share issue costs | (1,880,131) | (386,007) |
| Cash provided by financing activities | 17,564,408 | 1,169,486 |
| Effect of foreign exchange on cash | (9,861) | - |
| Increase (decrease) in cash during the year | (235,114) | (99,599) |
| Cash, beginning of year | \$ 837,457 | 937,056 |

| | | | | |
|--------------------------|-----------|----------------|-----------|----------------|
| Cash, end of year | \$ | 602,343 | \$ | 837,457 |
|--------------------------|-----------|----------------|-----------|----------------|

See Note 1 Nature of Operations and Going Concern Uncertainty

The accompanying notes are an integral part of these consolidated financial statements.

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

1. NATURE OF OPERATIONS AND GOING CONCERN UNCERTAINTY

Gryphon Gold Corporation was incorporated in the State of Nevada in 2003 and wholly owns its subsidiary, Borealis Mining Company, (collectively, Gryphon Gold or the Company). The Company is a production company focused on the Borealis Project and exploring mineral properties.

Management intends to use the profit from the Borealis Project to fund operations but may need to raise additional capital through debt or equity to help fund the operation and further capital expenditures and expansion. No assurance can be given that the Company will be successful in raising additional capital. Further, even if the Company raises additional capital, there can be no assurance that the Company will achieve profitability or positive cash flow. If management is unable to raise additional capital and possible future revenues do not result in positive cash flow, the Company will not be able to meet its obligations and may have to suspend or cease operations. The Company has an accumulated deficit of \$43,072,172 as at March 31, 2012 (\$37,950,801 as at March 31, 2011) and has cash on hand of \$602,343. In addition, at March 31, 2012 the Company had \$12,158,548 in notes payable and long-term debt. These conditions raise substantial doubt about the Company's ability to continue as a going concern. The accompanying consolidated financial statements do not include any adjustments related to the recoverability and classification of assets or the amounts and classifications of liabilities that might be necessary should the Company be unable to continue as a going concern.

The accompanying consolidated financial statements have been prepared under the assumption that the Company will continue as a going concern. Such assumption contemplates the realization of assets and the satisfaction of liability in the normal course of business. The recoverability of amounts shown for mineral property interests in the Company's consolidated balance sheets are dependent upon the existence of economically recoverable reserves, the ability of the Company to arrange appropriate financing to complete the development of its properties, the receipt of necessary permitting and upon achieving future profitable production or receiving proceeds from the disposition of the properties. The timing of such events occurring, if at all, is not yet determinable.

On April 19, 2012, the Company secured a senior credit facility with Waterton Global, LLC for \$15,000,000 of which the July and November 2011 debentures were paid in full [see Notes 11 and 15]. The Company received approximately \$5.4 million cash from the transaction.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

These consolidated financial statements are prepared in accordance with U.S. generally accepted accounting principles (GAAP). The consolidated financial statements include the accounts of the Company and its wholly owned subsidiary, Borealis Mining Company. All intercompany transactions and balances have been eliminated.

Cash and cash equivalents

The Company considers all highly liquid investments purchased with an original maturity of three months or less when acquired to be cash equivalents.

Fair value measurements

Accounting principles require an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. Accounting Standards Codification (ASC) establishes a fair value

hierarchy based on the level of independent, objective evidence surrounding the inputs used to measure fair value. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement. ASC prioritizes the inputs into three levels that may be used to measure fair value:

- Level 1: applies to assets or liabilities for which there are quoted prices in active markets for identical assets or liabilities.
- Level 2: applies to assets or liabilities for which there are inputs other than quoted prices that are observable for the asset or liability such as quoted prices for similar assets or liabilities in active markets; quoted prices for identical assets or liabilities in markets with insufficient volume or infrequent transactions (less active markets); or model-derived valuations in which significant inputs are observable or can be derived principally from, or corroborated by, observable market data.
- Level 3: applies to assets or liabilities for which there are unobservable inputs to the valuation methodology that are significant to the measurement of the fair value of the assets or liabilities.

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED:

The table below sets forth our financial instruments measured at fair value and the input hierarchy level that we have determined applies to each.

| | Balance March 31, 2012 | Balance March 31, 2011 | Input Hierarchy level |
|-------------------------------|---------------------------|---------------------------|--------------------------|
| Cash and cash equivalents | \$ 602,343 | \$ 837,457 | Level 1 |
| Reclamation bond and deposits | \$ 2,839,559 | \$ 225,893 | Level 1 |
| Warrant liability | \$ 137,291 | \$ - | Level 3 |

Derivative financial instruments

The Company accounts for derivative financial instruments in accordance with ASC 815 Derivatives and Hedging, which requires recognition of all derivatives as either assets or liabilities on the balance sheet and measured at fair value. Accounting for changes in the fair value of derivatives held is dependent on whether the derivative instrument is designated and qualifies as an accounting hedge and on the classification of the hedge transaction. All derivative financial instruments are recognized in the balance sheet at fair value. Changes in fair value are recognized in earnings if they are not eligible for hedge accounting or other comprehensive income if they qualify for cash flow hedge accounting. At March 31, 2012 the Company had a warrant derivative liability of \$137,291, which is valued on a recurring basis.

Use of estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of any contingent assets and liabilities as at the date of the consolidated financial statements as well as the reported amounts of expenses incurred during the period. Significant areas requiring the use of management estimates include the determination of potential impairments of asset values, calculation of deferred incomes taxes, inventories, asset retirement obligations estimates, the calculation of fair values of options and warrants, and rates for depreciation of plant and equipment. Actual results could differ from those estimates.

Financial instruments

The Company's financial instruments consist of cash, accounts and note receivable, accounts payable, accrued liabilities, notes payable, and debt. The Company has cash, which consists of cash held on deposit at major financial institutions. Accounts and notes receivable are recorded at amortized cost. The accounts payable and accrued liabilities have been designated as other financial liabilities and are also recorded at amortized cost. Long-term debt and notes payable approximate fair value at year end based on the terms of the notes.

Financial risk is the risk arising from the fluctuations in foreign currency exchange rates. The Company does not use any derivative or hedging instruments to reduce its exposure to fluctuations in foreign currency exchange rates or metal prices.

Reclamation bonds and deposits

The Company, under the terms of its mining and exploration permits has deposit requirements and bonding agreements with certain regulatory agencies. The Company's reclamation bonds and deposits are classified as

long-term assets.

Mineral property acquisition costs

The costs of acquiring mineral properties are capitalized and are amortized over the estimated ore reserves of such properties following the commencement of production or expensed if it is determined that the mineral property has no future economic value or the properties are sold or abandoned.

Cost includes cash consideration and the fair market value of shares of common stock issued on the acquisition of mineral properties. Properties acquired under option agreements, whereby payments are made at the sole discretion of the Company, are capitalized at such time as the payments are made.

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED:

Mineral property acquisition costs, continued

The recoverable amounts for mineral properties is dependent upon the existence of economically recoverable reserves; the acquisition and maintenance of appropriate permits, licenses and rights; the ability of the Company to obtain financing to complete the exploration and development of the properties; and upon future profitable production or alternatively upon the Company's ability to recover its spent costs from the sale of its interests. The capitalized amounts may be written down if potential future net cash flows, including potential sales proceeds, related to the property are estimated to be less than the carrying value of the property.

Exploration and development costs

Exploration costs are expensed as incurred. When it is determined that a mining deposit can be economically and legally extracted or produced based on established proven and probable reserves, further exploration and development costs related to such reserves incurred after such determination are capitalized. The establishment of proven and probable reserves is based on results of final feasibility studies which indicate whether a property is economically feasible. Upon commencement of commercial production, capitalized costs will be transferred to the appropriate asset category and amortized over the estimated useful lives. Capitalized costs, net of salvage values, relating to a deposit which is abandoned or considered uneconomic for the foreseeable future, will be written off.

Foreign currency translation

The U.S. dollar is the functional currency of the Company. Transactions involving foreign currencies for items included in operations are translated into U.S. dollars using the monthly average exchange rate; monetary assets and liabilities are translated at the exchange rate prevailing at the consolidated balance sheet date and all other consolidated balance sheet items are translated at the historical rates applicable to the transactions that comprise the amounts. Translation gains and losses are included in the determination of net income (loss).

Revenue Recognition

Sales of all metals products are recorded as revenues when title and risk of loss transfer to the purchaser. Sales to the purchaser are recorded net of charges for treatment, refining, smelting losses, and other charges negotiated by us with the purchaser.

Asset retirement obligations

The Company records the fair value of an asset retirement obligation as a liability in the period in which it incurs a legal obligation associated with the retirement of tangible long-lived assets that results from the acquisition, construction, development or normal use of the assets with a corresponding increase in the carrying amount of the related long-lived asset. This amount is then depreciated over the estimated useful life of the asset. Over time, the liability is increased to reflect an interest element considered in its initial measurement at fair value.

Trade accounts receivable

Trade accounts receivable are carried at original invoice amount less an estimate for doubtful accounts. Management determines the allowance by regularly evaluating individual customer receivables and considering a customer's financial condition, credit history and current economic conditions. Trade receivables are written off when deemed

uncollectible. Recoveries of receivables previously written off are recorded as income when received.

Property, plant and equipment

Expenditures incurred during the development and production stages for new facilities, new assets or expenditures that extend the useful lives of existing facilities and major mine development expenditures are capitalized, including primary development costs such as costs of the pad, processing plant and related infrastructure developments.

When assets are retired or sold, the costs and related allowances for depreciation and amortization are eliminated from the accounts and any resulting gain or loss is reflected in current period net income (loss). When assets are constructed by the Company an estimated amount of interest cost based upon the Company's cost of capital is capitalized to the constructed asset.

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED:

Inventories

Material on Heap Leach Inventory

The Company records recoverable material on the heap leach pad, gold doré, and saleable gold on carbon at average cost, less provisions required to reduce inventory to net realizable value. Costs capitalized to in process and finished goods inventory include the cost of mineralized material processed; direct and indirect materials and consumables; direct labor; repairs and maintenance; utilities; amortization of property, plant and equipment; and local mine administrative expenses.

Supplies Inventory

Mine operating supplies are recorded at the lower of purchase cost or net realizable value. The Company records provisions to reduce inventory to net realizable value to reflect changes in economic factors that impact inventory value or to reflect present intentions for the use of slow moving and obsolete supplies inventory.

Income taxes

Income taxes are recognized in accordance with ASC 740 Income Taxes, whereby deferred income tax liabilities or assets at the end of each period are determined using the tax rate expected to be in effect when the taxes are actually paid or recovered. A valuation allowance is recognized on deferred tax assets when it is more likely than not that some or all of these deferred tax assets will not be realized. ASC 740 prescribes a recognition threshold and measurement attribute for the recognition and measurement of a tax position taken or expected to be taken in a tax return. The Company has assessed its tax positions and has determined that it has not taken a position that would give rise to an unrecognized tax liability being reported. In the event that the Company is assessed penalties and or interest; penalties will be charged to other operating expense and interest will be charged to interest expense.

Stock-based compensation

The Company recognizes stock-based compensation expense based on the fair value of the stock options on the date of grant. The fair value of the stock options at the date of grant is amortized over the vesting period, with the offsetting credit to additional paid in capital.

The Company uses a Black-Scholes option-pricing model for fair value measurement of options. This model was independently developed to estimate the fair value of freely tradable, fully transferable options without vesting restrictions, which significantly differ from the Company's stock option awards. Option pricing models require the input of highly subjective assumptions, including future stock price volatility and expected time until exercise, which greatly affect the calculated values. Changes in these assumptions can materially affect the fair value estimate and therefore it is management's view that the existing models do not necessarily provide a single reliable measure of the fair value of the Company's equity instruments.

The Company recognizes stock-based compensation expense based on the grant date fair value of the award on a straight-line basis over the requisite service period of the individual grants, which generally equals the vesting period. The grant date fair value of the restricted stock unit is calculated using the closing price of the Company's common stock on the date of the grant.

Loss per share

Loss per common share is determined based on the weighted average number of common shares outstanding during the period. Diluted loss per share is calculated by the treasury stock method. Under the treasury stock method, the weighted average number of common shares outstanding for the calculation of diluted earnings per share assumes that the proceeds to be received on the exercise of diluted stock options and warrants classified as equity instruments are applied to repurchase common shares at the average market price for the period.

In addition, outstanding convertible promissory notes are assumed to be converted into common stock at the then applicable rate. Stock options and warrants are dilutive when the Company has income from continuing operations and when the average market price of the common shares during the period exceeds the exercise price of the options and warrants. The convertible promissory notes are dilutive when the Company has income from continuing operations, and the impact from the dilution exceeds the impact from the reduction in interest expense resulting from the conversion of the notes.

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES, CONTINUED:

Property, plant and equipment, continued:

Depreciation, Depletion and Amortization Capitalized costs are depreciated or depleted using the straight-line method or units-of-production method at rates sufficient to depreciate such costs over the shorter of estimated productive lives of such facilities or the useful life of the individual assets. Productive lives range from 1 to 6 years, but do not exceed the useful life of the individual asset. Determination of expected useful lives for amortization calculations are made on a property-by-property or asset-by-asset basis at least annually. Our estimates for mineral reserves are a key component in determining our units of production depreciation rates. Our estimates of ore reserves may change, possibly in the near term, resulting in changes to depreciation, depletion and amortization rates in future reporting periods.

Impairment of Long-lived Assets The Company evaluates its properties for impairment when circumstances or events occur that may impact the fair value of the assets. The fair value of property is primarily evaluated based upon the present value of expected revenues directly associated with those assets. An impairment loss would be recognized if the carrying amount of a capitalized asset is not recoverable and exceeds its fair value.

NEW ACCOUNTING PRONOUNCEMENTS

In September 2011, the Financial Accounting Standards Board (FASB) issued authoritative guidance related to testing goodwill for impairment. This guidance provides that entities may first assess qualitative factors to determine whether it is necessary to perform the two-step goodwill impairment test. If the qualitative assessment results in a more than 50% likely result that the fair value of a reporting unit is less than the carrying amount, then the entity must continue to apply the two-step impairment test. If the entity concludes the fair value exceeds the carrying amount, then neither of the two steps in the goodwill impairment test is required. This guidance is effective for annual and interim goodwill impairment tests performed for fiscal years beginning after December 15, 2011 with early adoption permitted. The Company does not believe the impact of adopting this guidance will be material to its consolidated financial statements.

In June 2011, the FASB issued authoritative guidance on the presentation of comprehensive income. This guidance specifies that an entity has the option to present the total of comprehensive income, the components of net income, and the components of other comprehensive income either in a single continuous statement of comprehensive income or in two separate but consecutive statements. In both choices, an entity is required to present each component of net income along with total net income, each component of other comprehensive income along with a total for other comprehensive income, and a total amount for comprehensive income. This guidance does not change the items that must be reported in other comprehensive income or when an item of other comprehensive income must be reclassified to net income. It also does not change the presentation of related tax effects, before related tax effects, or the portrayal or calculation of earnings per share. This guidance is to be applied retrospectively and is effective for fiscal years, and interim periods within those years, beginning after December 15, 2011. The Company is currently evaluating the impact of adopting this guidance on our consolidated financial statements

3. NEVADA EAGLE RESOURCES LLC

On April 23, 2010, Gryphon Gold sold its wholly owned subsidiary, Nevada Eagle Resources LLC to Fronteer Development (USA) Inc. (Fronteer) for \$4,750,000 and recognized a gain of \$664,952 on the sale. Fronteer paid \$2,250,000 in cash and \$2,500,000 by assuming Gryphon Gold's obligations under a convertible note. The convertible note had a face value of \$2,500,000 and was due March 30, 2012. The note was uncollateralized and bore interest at

5%. Gryphon Gold retained the Copper Basin property located in Idaho.

Consolidated Statements of Operations of Discontinued Operations

| | Year Ended |
|--|-----------------------|
| | March 31, 2011 |
| Interest expense | \$ (29,244) |
| Gain of sale from discontinued operations | \$ 664,952 |
| Income from discontinued operations | \$ 635,708 |

All assets and operations related to discontinued operations are located in the United States.

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

4. ACCOUNTS RECEIVABLE

At March 31, 2012, trade accounts receivable represents those amounts the Company is owed for its gold and silver products delivered during the fiscal year.

Specifically, accounts receivable are detailed as follows:

| | Year Ended March 31, 2012 | Year Ended March 31, 2011 |
|--------------------------------|--|--|
| Due from gold and silver sales | \$ 323,570 | \$ - |
| Other receivables | 34,435 | 29,892 |
| TOTAL | \$ 358,005 | \$ 29,892 |

5. INVENTORIES

The recovery of gold and silver from certain oxide ores is achieved through the heap leaching process. Under this method, mineralized material is placed on leach pads where it is treated with a chemical solution, which dissolves the gold or silver contained in the material. The resulting pregnant solution is further processed in a plant where gold and silver are recovered. For accounting purposes, costs are added to material on leach pads based on average mining and leaching costs, including applicable depreciation, depletion and amortization relating to operations. Costs are removed from ore on leach pads as ounces are recovered based on the average cost per recoverable ounce of gold or silver on the leach pad.

Estimates of recoverable gold or silver on the leach pads are calculated from the quantities of material placed on the leach pads (measured tons added to the leach pads), the grade of material placed on the leach pads (based on assay data) and an estimated recovery percentage (based on ore type). Although the quantities of recoverable gold or silver placed on the leach pads are reconciled by comparing the grades of material placed on pads to the quantities of gold or silver actually recovered (metallurgical balancing), the nature of the leaching process inherently limits the ability to precisely monitor inventory levels. As a result, the metallurgical balancing process is regularly monitored and estimates are refined based on actual results over time. As of March 31, 2012 the Company had a limited operating history and actual results only over that short period of time. Due to this, estimates of recoverable gold and silver are based primarily on initial tests and only limited refinements derived from metallurgical balancing.

Variations between actual and estimated quantities resulting from changes in assumptions and estimates that do not result in write-downs to net realizable value are accounted for on a prospective basis. The ultimate recovery of gold or silver from a leach pad will not be known until the leaching process is concluded. The quantification of material inventory on the leach pad is based on estimates of the quantities of gold or silver at each balance sheet date that the Company expects to recover during the next 12 months.

At March 31, 2012, inventories were as follows:

| | March 31, 2012 |
|---------------------------------|-----------------------|
| Material on leach pad inventory | \$ 4,245,418 |
| Gold in carbon inventory | 1,462,485 |
| Gold in transit inventory | 578,537 |
| Supplies inventory | 76,576 |
| Total inventory costs | \$ 6,363,016 |

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

6. PROPERTY, PLANT AND EQUIPMENT

During year ended March 31, 2012, the Company purchased and constructed assets in connection with the construction of the Borealis Project and also began construction of the Adsorption Desorption and Refining (ADR) plant through the debt financing that was completed on July 27, 2011.

| | | March 31, 2012 | |
|--|----------------------|-------------------------------------|-----------------------|
| | Cost | Accumulated Depreciation | Net Book Value |
| Mineral properties | \$ 7,625,883 | \$ 193,038 | \$ 7,432,845 |
| Borealis asset retirement obligation | 1,533,158 | 38,866 | 1,494,292 |
| Leach pad 1A | 1,897,882 | 222,017 | 1,675,865 |
| Plant | 5,713,537 | 144,839 | 5,568,698 |
| Construction in progress, ADR | 2,910,023 | - | 2,910,023 |
| Equipment | 769,314 | 285,642 | 483,672 |
| Property, plant and equipment total costs | \$ 20,449,797 | \$ 884,402 | \$ 19,565,395 |

Total depreciation, depletion and amortization for the year ended March 31, 2012 was \$654,988.

| | | March 31, 2011 | |
|--|---------------------|-------------------------------------|-----------------------|
| | Cost | Accumulated Depreciation | Net Book Value |
| Mineral properties | \$ 1,890,166 | - | \$ 2,651,069 |
| Equipment | 340,963 | 231,702 | 109,261 |
| Property, plant and equipment total costs | \$ 2,231,129 | \$ 231,702 | \$ 2,760,330 |

Total depreciation and amortization for the year ended March 31, 2011 was \$51,919.

On June 6, 2011, the Company commenced construction of Phase 1A of the Borealis Project. The majority of construction of Phase 1A was completed late in the Company's second quarter. Construction activities included building a new leach pad, barren and pregnant solution ponds, carbon columns, roads and infrastructure. Direct costs of materials, labor, equipment and supplies used in construction activities are capitalized during the period they are incurred. Additionally, certain indirect costs have been capitalized during the period. Interest expense of \$292,496 was capitalized to the Borealis Project during the year ended March 31, 2012.

7. RECLAMATION BONDS

At March 31, 2012 and March 31, 2011, reclamation bonds and deposits were as follows:

| | March 31, 2012 | March 31, 2011 |
|------------------------------|---------------------------|---------------------------|
| Reclamation bonds & deposits | \$ 2,839,559 | \$ 225,893 |
| Total | \$ 2,839,559 | \$ 225,893 |

On March 31, 2012 the Company had \$2,820,141 (March 31, 2011 - \$216,885) on deposit to support performance bonds with the United States Forest Service. The United States Forest Service reclamation bonds were increased during year ended March 31, 2012, by \$2,603,256. The Company also has a deposit with the Bureau of Land Management (BLM) for \$19,418 (March 31, 2011 - \$9,008), which partially supports its potential future obligations for reclamation during the Company's exploration activities within the BLM area. These bonds are required in

connection with the construction of the Borealis Project and to perform infill drilling.

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

8. NOTES PAYABLE:

Promissory notes

The promissory notes bear interest at 5% per annum payable monthly. Principal installments are due monthly, commencing on the date in which BMC is required to commence production royalty payments. Payments on the notes are interest only until production commences. During the year ended March 31, 2012 the Company paid \$302,549 in principal payments. All unpaid principal and accrued interest, if any, is due and payable on May 21, 2013. The aggregate balance due on the notes as of March 31, 2012 is \$1,376,479.

The debt offering costs in connection with the Bridge Loan facility (see Note 11) totalled \$312,549 paid in cash. Due to the closing of this facility at year end, no costs were yet amortized to interest expense.

9. ASSET RETIREMENT OBLIGATION

At March 31, 2012 and March 31, 2011, our asset retirement obligation was as follows:

| | Year ended March 31, 2012 | Year ended March 31, 2011 |
|---|--|--|
| Asset retirement obligation, beginning of period | \$ 51,300 | - |
| Incurred | - | \$ 48,254 |
| Accretion | 139,673 | 3,046 |
| Additions and changes in estimates | 1,484,904 | - |
| Asset retirement obligation, end of period | \$ 1,675,877 | \$ 51,300 |

The asset retirement obligation at March 31, 2012 was calculated based on responsibilities the Company had to reclaim certain disturbed acreage relating to exploration on the Borealis property. The asset retirement obligation at March 31, 2012 includes the Company's estimate of reclamation costs for Phase 1A of the Borealis Heap Leach Project and in fill drilling that commenced in the quarter ended December 31, 2011.

10. OPTION TO REDUCE ROYALTY

In August 2008, Gryphon and its wholly-owned subsidiary, Borealis Mining Company, entered into an option agreement with the lessors of the Borealis property to amend the mining lease for the Borealis Property to fix the previously gold price-based sliding scale royalty to a fixed 5% Net Smelter Royalty. Effective May 20, 2011, the Company exercised the option to fix the Net Smelter Return (NSR) royalty on its Borealis property at 5%.

Under the terms of the option agreement, as amended, Gryphon exercised the option by paying the lessors aggregate consideration of \$7,000,000 (less the \$250,000 previously paid by Gryphon to the lessors upon execution of the option agreement) as follows:

- (a) \$150,000 in cash;
- (b) 7,726,500 shares of common stock;
- (c) 5% promissory notes in the aggregate principal amount of \$1,600,000, due May 20, 2013, with installment payments due upon commencement of production on the Borealis property; and
- (d) 5% convertible notes in the aggregate principal amount of \$1,909,500, due May 20, 2014, convertible into shares of Gryphon common stock at \$0.70 per share through May 20, 2012, \$0.80 per share through May

20, 2013 and \$0.90 per share through May 20, 2014.

Accordingly, at March 31, 2012 and at March 31, 2011, the Company's mineral properties include the following payments made to the Borealis Property lessors:

| | Year ended March 31, 2012 | Year ended March 31, 2011 |
|-------------------------------------|--|--|
| Balance, beginning of period | \$ 760,903 | \$ 560,903 |
| Cash paid | 175,000 | 200,000 |
| Promissory notes payable | 1,600,000 | - |
| Convertible notes payable | 1,909,500 | - |
| Common stock issued | 1,081,675 | - |
| Balance, end of period | \$ 5,527,078 | \$ 760,903 |

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

10. OPTION TO REDUCE ROYALTY, CONTINUED:

On January 31, 2012, the Company was served with a complaint alleging breach of contract that was filed in the First Judicial District Court for the State of Nevada in Carson City by Borealis royalty holders which include the Cavell Trust, Hardrock Mining Company and John W. Whitney. The royalty holders allege that monthly advance royalties which have been paid by Gryphon Gold are not recoverable from ongoing production royalties and are payable during the duration of the mining lease. Gryphon Gold has deducted previously paid advance royalties from production royalties payable under the Borealis mining lease agreement. At March 31, 2012 the Company had deducted \$125,874 of previously paid advance royalties and classified them in accrued liabilities. The Company believes the royalty holders claims are without merit and intends to vigorously defend against the claims.

11. LONG TERM DEBT

July 27, 2011 debt offering

On July 27, 2011, we closed a \$3,169,514 debt offering of units at a price of \$1,000 CAD per unit. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing July 28, 2012 and 1,500 Series P. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.20 USD per share until January 27, 2013. We also issued each of Acumen and Roth 112,500 Broker Warrants exercisable to acquire shares of common stock at a price per share of US\$0.20, until January 27, 2013. The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, September 30, and December 31 of each year commencing on September 30, 2011. The debentures were issued under the Trust indenture, which contains customary terms, conditions and covenants. The debentures were collateralized by a pledge of shares of BMC and a general security interest in the assets of Gryphon Gold. We repaid these debentures in April 2012, with the Senior Credit Facility (see Note 15).

The fair value of the warrants issued to note holders and brokers pursuant to the July 2011 offering was \$383,670, which was calculated using Black-Scholes model with a risk free interest rate of 0.30%, volatility of 86.59%, 549 days expected term and an exercise and market price of \$0.20 per share. This relative fair value resulted in a discount to the notes payable and will be amortized over the twelve-month term of the notes and as at March 31, 2012, \$261,737 had been amortized and charged to interest expense.

The debt offering costs in connection with the notes payable transaction closed on July 27, 2011 totaled \$405,520 paid in cash and as at March 31, 2012, \$246,770 was amortized and charged to interest expense.

November 22, 2011 debt offering

On November 22, 2011 we closed another \$4.3 million debt offering of units. The offering was led by Acumen Capital Finance Partners Limited in Canada and by Roth Capital Partners in the United States. Each unit consists of \$1,000 CAD principal amount of 10% secured subordinated debentures maturing November 23, 2012 and 750 Series Q Warrants. Each warrant entitles the holder thereof to purchase one share of common stock at a price of \$0.40 USD per share until May 22, 2013. The debentures bear interest from the date of issue at 10.0% per annum, payable quarterly on March 31, June 30, and September 30. The debentures were issued under a Trust Indenture, which contains terms, conditions, covenants and restrictive covenants, including restrictive covenants that limited our ability to issue equity and debt securities. The debentures were secured by a pledge of the shares of BMC and a general security interest in our assets which was subordinate to the collateralized interest granted to holders of the debentures issued on July 27, 2011. We repaid these debentures in April 2012, with the Senior Credit Facility (see Note 15).

The fair value of the warrants issued to note holders and brokers pursuant to the November 2011 offering was \$308,379, which was calculated using Black-Scholes model with a risk free interest rate of 0.40%, volatility of 84.11%, 548 days expected term and an exercise and market price of \$0.2794 per share. This valuation was recorded as a discount to the notes payable and will be amortized over the twelve-month term of the notes and as at March 31, 2012 \$110,679 had been amortized and charged to interest expense.

The debt offering costs in connection with the notes payable transaction closed on November 22, 2011 \$424,067 paid in cash as at March 31, 2012, \$138,618 was amortized and charged to interest expense.

Acumen and Roth Capital were paid a cash commission of 6.5% of the gross proceeds of the July and November offerings.

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

11. LONG TERM DEBT, CONTINUED:

Waterton bridge loan

On March 20, 2012, we entered into a Bridge Loan facility with Waterton Global LLC for \$1,500,000. The loan was to be paid within 60 days or be subject to immediate repayment from the \$15,000,000 Senior Credit Facility. Security for the loan was a perfected lien and a first priority security interest in all tangible and intangible properties and assets of Gryphon Gold. The loan accrued interest at a 15% rate and included a \$30,000 structuring fee, \$100,000 for legal and other expenses, as well as payment of 1,500,000 Series R Warrants, each entitling the lender to purchase one common share of Gryphon Gold stock at a strike price of \$0.18 per share. The Series R Warrants were issued outside of our reporting currency therefore creating a liability. The fair value of the warrants, \$137,291, was calculated based on the Black-Scholes model with a risk free interest rate of 0.62%, volatility of 88.06%, 1,095 days expected term, exercise price of \$0.18 and a market price of \$0.17. The warrants expire on March 20, 2015.

We repaid these debentures in April 2012, with the Senior Credit Facility (see Note 15).

Loss on modification of debt

In conjunction with the bridge loan, the note holders of the July and November 2011 debentures were issued an aggregate total of 14,955,308 warrants exercisable at a price of \$0.16 with a term of 18 months. The fair value of the warrants issued to the note holders pursuant to the Bridge Loan facility was \$912,274, which was calculated using Black-Scholes model with a risk free interest rate of 0.62%, volatility of 72.52%, 549 days expected term and an exercise price of \$0.16 and market price of \$0.17 per share. The note holders were issued these warrants in return for the forbearance of the debt covenants which created a substantial modification in the terms of the notes. In addition \$358,413 of deferred debt offering costs and \$319,634 of debt discount were included in the total loss on modification of debt which was \$1,590,321 for the year ended March 31, 2012. This is captured as a loss modification of debt on our Statement of Operations.

Convertible notes

The convertible notes (see Note 10) bear interest at 5% per annum payable monthly. Monthly payments on the notes are interest only for a period of 12 months from the commencement of the construction of the mine. Subsequent to the twelve-month period, the notes are payable in monthly installments of principal and interest. All unpaid principal and accrued interest, if any, is due and payable on May 21, 2014. The aggregate balance due on the notes as of March 31, 2012 is \$1,909,500.

12. CAPITAL STOCK

- [a] Authorized capital stock consists of 250,000,000 common shares with a par value of \$0.001 per share and 15,000,000 preferred shares with a par value of \$0.001 per share.

On May 20, 2011, the Company issued 7,726,250 common shares in connection with the exercise of the option to reduce the royalty (see Note 10). The shares were valued at \$1,081,675, which was based upon the fair value of the shares on the date of exercise.

On May 24, 2011, the Company issued 89,060,000 common shares in connection with a public offering for net cash proceeds of \$9,601,639, after offering costs of \$1,466,723.

During the quarter ended December 31, 2011, 150,000 options were exercised for proceeds of \$20,080.

During the quarter ended December 31, 2011, 183,500 warrants were exercised for proceeds of \$45,874.

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

12. CAPITAL STOCK, CONTINUED:

[b] Warrants:

The following table summarizes information about warrants outstanding and exercisable as at March 31, 2012:

Warrants Outstanding and Exercisable

| Warrants | Avg Remaining Life in Years | Exercise Price | Expiry Date |
|-------------------|------------------------------------|-----------------------|--------------------|
| 732,215 | 0.2 | \$0.20 | June 16, 2012 |
| 3,250,000 | 0.7 | \$0.30 | January 21, 2013 |
| 4,725,000 | 0.7 | \$0.20 | January 27, 2013 |
| 3,359,250 | 1.1 | \$0.40 | May 22, 2013 |
| 2,226,500 | 1.5 | \$0.30 | November 13, 2013 |
| 1,500,000 | 3.0 | C\$0.186 | March 19, 2015 |
| 14,955,308 | 1.5 | \$0.164 | October 20, 2013 |
| 30,748,273 | 1.3 | \$0.25 | |

[c] Stock options:

2006 Omnibus Incentive Plan

The Plan is administered by the Compensation Committee, which has full and final authority with respect to the granting of options there under. Options may be granted under the Plan to such directors, officers, employees or consultants of Gryphon Gold and its subsidiaries as the Compensation Committee may from time to time designate (referred to as a participant). Each option will generally entitle a participant to purchase one share of common stock during the term of the option upon payment of the exercise price. The exercise price of any options granted under the Plan shall be determined by the Compensation Committee and may not be less than the market price of our common stock on the date of grant of the options (calculated in accordance with the rules of the Toronto Stock Exchange as the volume weighted average trading price for the five trading days preceding the date of grant). Gryphon Gold may provide financial assistance to eligible persons to purchase shares of common stock under the Plan, subject to applicable law and the rules and policies of any securities regulatory authority or stock exchange with jurisdiction over the Corporation or a trade in its securities. Any financial assistance so provided will be repayable with full recourse and the term of any such financing shall not exceed the term of the option to which the financing applies.

The term of any options granted shall be determined by the Compensation Committee at the time of the grant but the term of any options granted under the Plan shall not exceed ten years. If desired by the Compensation Committee, options granted under the Plan may be subject to vesting provisions. Options granted under the Plan are not transferable or assignable other than by will or otherwise by operation of law. In the event of death or disability of an option holder, options granted under the Plan vest immediately if unvested and expire one year from the death or disability of the option holder.

Certain restrictions contained in the Plan include:

- the number of shares of common stock which may be issued pursuant to the Plan (or any other employee related plan or options for service) to any one person may not exceed 5% of all the common shares issued and outstanding on a non-diluted basis from time to time; and

- the number of shares of common stock which may be issued pursuant to the Plan (or any other employee-related plan or options for services) to insiders (as defined in the rules of the Toronto Stock Exchange to include generally directors, senior officers of Gryphon Gold or its subsidiaries or shareholders who own more than 10% of our common stock) during any twelve month period may not exceed 10% of the common stock issued and outstanding on a non-diluted basis from time to time (unless approval of disinterested shareholders has been obtained in accordance with the rules of the Toronto Stock Exchange).
- the number of shares of common stock which may be reserved for issuance in respect of options granted to insiders pursuant to the Plan (or any other employee-related plan or options for service) may not exceed 10% of the common stock issued and outstanding on a non-diluted basis from time to time unless approval of disinterested shareholders has been obtained in accordance with the rules of the Toronto Stock Exchange).

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

12. CAPITAL STOCK, CONTINUED:

Our Board of Directors may at any time terminate or amend the Plan in any respect, provided however, that the Board may not, without the approval of the shareholders, amend the Plan or any option granted thereunder in any manner that requires shareholder approval under applicable law or the rules and policies of any stock exchange or quotation system upon which the common shares are listed or quoted.

The Company recognizes stock-based compensation expense over the requisite service period of the individual grants, which generally equals the vesting period. The Company's total employees are relatively few in number and turnover is considered minimal, therefore the Company currently estimates forfeitures to be 20%. Estimate of forfeitures is reviewed on a quarterly basis. Stock-based compensation is expensed on a straight-line basis over the requisite service period.

On September 8, 2011, at the annual general meeting of the shareholders, the shareholders approved an increase in the number of shares of common stock issuable pursuant to the grant of stock options under the Omnibus Incentive Plan. After the shareholders approved the increase, the 2006 Omnibus Incentive Plan authorizes us to grant 12,000,000 options of common stock and 1,000,000 restricted stock units.

The Company recorded total stock-based compensation expense related to stock options and restricted stock units as follows:

| | Year Ended March 31, 2012 | Year Ended March 31, 2011 |
|---------------------|--|--|
| Management salaries | \$ 259,173 | \$ 122,375 |
| Consulting expense | 18,110 | 62,035 |
| Total | \$ 277,283 | \$ 184,410 |

Stock option activity

The following table summarizes the Company's stock option activity (excluding options issued to a consultant, above) for year ended March 31, 2012:

| | Number of Stock Options | Weighted Average Exercise Price |
|--|--|--|
| Outstanding, April 1, 2011 | 4,917,500 | \$ 0.41* |
| Granted | 2,315,000 | \$ 0.26 |
| Exercised | (150,000) | \$ 0.13 |
| Forfeited | (840,000) | \$ 0.81* |
| Total outstanding at March 31, 2012 | 6,242,500 | \$ 0.30* |
| Vested and exercisable at December 31, 2011 | 5,390,000 | \$ 0.31* |

* Based on the March 31, 2012 exchange rate of Cdn\$1 equals US\$1.0025.

The weighted-average grant-date fair value of the options granted in the year ended March 31, 2012 was \$0.16.

The intrinsic value of options exercised during the year ended March 31, 2012 was \$25,819. The intrinsic value of exercisable stock options at March 31, 2012 was \$76,553 and the weighted average term of the remaining exercisable options is 2.6 years.

Out of the 2,315,000 granted during the year ended March 31, 2012, 150,000 were granted to a consultant, the remaining were granted to employees and directors.

Valuation assumptions

Compensation and consulting expense recorded in the consolidated financial statements has been estimated using the Black-Scholes option-pricing model. The weighted average assumptions used in the pricing model include:

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

12. CAPITAL STOCK, CONTINUED:

| | Year ended March 31, 2012 | Year ended March 31, 2011 |
|-------------------------|---------------------------------|---------------------------------|
| Dividend yield | 0% | 0% |
| Expected volatility | 90% -112% | 99% -119% |
| Risk free interest rate | 0.31% -0.78% | 0.52% -1.62% |
| Expected lives | 3 years | 2-3 years |

The risk-free interest rate was determined based on the rate at the time of grant for US government zero-coupon bonds for a 2-3-year term, which is a term equal to the estimated life of the option. Dividend yield was based on the stock option's exercise price and expected annual dividend rate at the time of grant. Volatility was derived by measuring the average share price fluctuation of the Company's stock. The period of historical volatility is the same period as the expected life of the options being three years.

[d] Restricted stock units (RSUs):

The RSU grants entitle the recipient to receive shares of common stock of the Company upon vesting. The RSU grants can vest immediately or over a period for up to five years.

The following table summarizes information about RSUs outstanding as at March 31, 2012:

| | RSUs Granted | RSUs Vested | RSUs Forfeited | RSUs Cancelled and Cash in lieu of issued | Weighted Average Fair Value at Grant Date |
|--------------------------------------|------------------|----------------|-------------------|---|---|
| Outstanding at April 1, 2006 | | | | | |
| Issued April 18, 2006 | 8,000 | 8,000 | | | Cdn\$1.63 |
| Issued December 12, 2006 | 29,000 | 15,000 | 14,000 | | Cdn\$0.84 |
| Issued January 10, 2007 | 650,000 | 488,750 | 118,750 | 42,500 | Cdn\$0.82 |
| Issued September 6, 2007 | 154,170 | 154,170 | | | Cdn\$0.77 |
| Issued September 20, 2010 | 275,000 | 275,000 | | | \$ 0.16 |
| Outstanding at March 31, 2012 | 1,116,170 | 940,920 | 132,750 | 42,500 | |

All issued restricted stock units have vested.

13. COMMITMENTS & CONTINGENCIES

[a] A portion of the Borealis Property is subject to a mining lease. The Company was required to make advanced royalty payments monthly of \$10,205, adjusted annually based on the Consumer Price Index. In addition, production of precious metals from the Borealis Property are subject to the payment of a royalty under the terms of the mining lease. The Company deducts advance royalty payments from production royalties due under the mining lease, pursuant to the mining lease. The Company's royalty holders have disputed this practice (see Note 10). The Company is currently preparing a response to their complaint.

[b] The Company rents office space in Vancouver, BC for a 5-year term, commencing September 2008 (which has been sub-lease, refer to Contractual obligations), office space in Hawthorne, Nevada for a one year term, and office space in Carson City, Nevada for a three year term. The following are the remaining rental lease

commitments in relation to the office leases:

| | March 31, |
|--------------|-------------------|
| FY2012 | \$ 1,200 |
| FY2013 | 104,275 |
| FY2014 | 65,891 |
| FY2015 | 9,619 |
| Total | \$ 180,985 |

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Gryphon Gold Corporation
Notes to Consolidated Financial Statements

14. INCOME TAXES

No tax provision has been recorded for the years ended March 31, 2012 or 2011.

Significant components of the Company's deferred tax balances are as follows:

| | 2012 | 2011 |
|--|-------------------|-------------------|
| | \$ | \$ |
| Deferred tax assets | | |
| Net operating loss carryforwards | 10,707,591 | 9,300,024 |
| Inventory | 224,422 | - |
| Mineral property basis | 302,350 | 323,391 |
| Permitting & feasibility costs | 1,425,913 | 1,393,222 |
| Exploration costs | 1,599,132 | 2,049,905 |
| Stock compensation | 1,121,491 | 1,029,390 |
| Reclamation costs | (3,025) | 1,960 |
| Equipment | (41,234) | 12,765 |
| Debt issue costs and discounts | 237,316 | - |
| Donations | 3,963 | 826 |
| Unrealized foreign exchange loss | 1,529 | 265 |
| Unrealized losses on marketable securities | - | (9,982) |
| Accrued compensation not paid by June 15 | 28,381 | 6,755 |
| Accrued sub-lease loss | 4,715 | 11,084 |
| Capital losses | 43,334 | 53,342 |
| Total deferred tax assets | 15,655,878 | 14,172,947 |
| Valuation allowance | (15,655,878) | (14,172,947) |
| Net deferred tax assets | - | - |
| Deferred tax liabilities | | |
| Equipment | - | - |
| Prepaid expenses | - | - |
| Total deferred tax liabilities | - | - |

The potential income tax benefits relating to the deferred tax assets have not been recognized in the consolidated financial statements as their realization did not meet the requirements of "more likely than not" under the liability method of tax allocation. Accordingly, no deferred tax assets have been recognized as at March 31, 2012 and 2011. The reconciliation of income taxes attributable to continuing operations computed at the statutory income tax rate of 35.34% [2011 35.34%] is as follows:

| | March 31, | | March 31, | |
|-------------------------------------|------------------|--------------|------------------|--------------|
| | 2012 | | 2011 | |
| Tax at statutory rates | (1,792,480) | 35% | \$ (961,762) | 35.00% |
| State taxes, net of federal benefit | - | - | (9,343) | 0.34% |
| Meals and entertainment and other | 326,190 | 6.37% | 13,572 | -0.49% |
| Change in valuation allowance | 1,466,290 | -28.63% | 957,533 | -34.85% |
| State tax rate adjustment | - | 0.00% | - | 0.00% |
| | | 0.00% | \$ - | 0.00% |

At March 31, 2012 the Company has operating losses of approximately \$30.6 million [2011 - \$26.3million] in the United States available for future deduction from taxable income and which expire in various amounts from 2024 through 2031. The Company also had state tax-basis net operating loss carryforwards totaling \$8.9 million [2011 -\$8.9 million], which will expire in various amounts from 2023 through 2031. In addition, the Company had capital losses of \$123,810 for 2012 and \$152,331 in 2011, which will expire in various amounts from 2013 and 2015.

Gryphon Gold Corporation
Notes to Consolidated Financial Statements

15. SUBSEQUENT EVENTS

On April 18, 2012, we entered into a Senior Secured Gold Stream non-revolving credit facility with Waterton Global Value, LP, by its Investment Manager, Altitude Management Ltd. (the Senior Facility), in the aggregate amount of \$15,000,000. The full \$15,000,000 was advanced to us on April 19, 2012, and we used the proceeds to pay off the Bridge Loan of \$1,500,000 entered into with Waterton in March 20, 2012, as well as our C\$3,000,000 10% subordinated secured notes, due in July of 2013, and our C\$4,500,000 10% subordinated secured notes, due November 27, 2013. The Security Facility loan bears interest calculated at 5% per annum and is repayable in 12 equal monthly installments commencing in May of 2013. The amount of monthly repayments will be based on a formula using 80% of the gold spot price as the value of the gold (or cash equivalent) to be delivered to Waterton. On each repayment date, we may pay the amount in gold to Waterton's gold account, or, if requested by Waterton, pay the amount in cash. The Senior Facility bears an interest rate at 5% per annum. The loan is secured by a first priority charge on the assets of Gryphon Gold and BMC.

We paid Waterton a non-refundable structuring fee equal to 1% of the draw-down amount and issued Waterton 14,062,500 Series T Warrants, exercisable to acquire shares of common stock at a price of C\$0.16 per share until April 18, 2015.

As part of the Senior Facility, we entered into a Gold and Silver Supply Agreement with Waterton whereby Waterton has the right to purchase all of the gold and silver produced by BMC at the Borealis property. The Gold and Silver Supply agreement is effective from the closing date of the Senior Facility until the Borealis Property ceases operations.

16. SUPPLEMENTAL CASH FLOW DISCLOSURES

| | March 31, 2012 | March 31, 2011 |
|--|----------------|----------------|
| Interest paid, net of amount capitalized | \$ 514,202 | \$ 8,917 |

Non-cash investing and financing activities:

| | March 31, 2012 | March 31, 2011 |
|---|----------------|----------------|
| Issuance of 7,726,500 shares at a fair value of \$0.14 per share related to exercise of the option to fix the royalty at 5% | \$ 1,081,675 | - |
| Promissory and convertible notes issued related to exercise of the option to fix the royalty at 5% | 3,509,500 | - |
| Capitalized construction in progress purchased with accounts payable | 1,615,603 | |
| Financed equipment | 29,184 | |
| Shares issued for settlement of accounts payable | - | \$ 60,000 |
| Extinguishment of note payable by sale of discontinued operations | - | 2,180,587 |
| Share consideration paid to former owners of discontinued operations | | 270,000 |
| Issuance of 550,000 shares of common stock to a consultant | - | 126,500 |
| Issuance of stock options to a consultant | - | 69,355 |

ITEM 9A. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

At the end of the period covered by this report, an evaluation was carried out under the supervision of and with the participation of the Company's management, including the CEO and CFO, of the effectiveness of the design and operations of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) under the Exchange Act). Based on that evaluation the CEO and the CFO have concluded that as of the end of the period covered by this report, the Company's disclosure controls and procedures were adequately designed and effective in ensuring that: (i) information required to be disclosed by the Company in reports that it files or submits to the Securities and Exchange Commission under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in applicable rules and forms and (ii) material information required to be disclosed in our reports filed under the Exchange Act is accumulated and communicated to our management, including our CEO and CFO, as appropriate, to allow for accurate and timely decisions regarding required disclosure.

Management's Report on Internal Control over Financial Reporting

The Company's management is responsible for establishing and maintaining adequate internal control over financial reporting as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. Our internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation and fair presentation of financial statements for external purposes in accordance with generally accepted accounting principles.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Projections of any evaluation of effectiveness in future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management conducted an evaluation of the design and operation of the Company's internal control over financial reporting as of March 31, 2012 based on the criteria established in an Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). This evaluation included review of the documentation of controls, evaluation of the design effectiveness of controls, testing of the operating effectiveness of controls and a conclusion on this evaluation. Based on this evaluation, management has concluded that the Company's internal control over financial reporting was effective as of March 31, 2011 and no material weaknesses were discovered.

This annual report does not include an attestation report of the Company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the Company's registered public accounting firm pursuant to rules of the Securities and Exchange Commission that permit the Company to provide only management's report in this annual report.

The Company does have two material weaknesses related to the transformation from exploration and development to production accounting. Complex accounting transactions are apparent relating to our debt terms and our units of production depreciation along with other accounting estimates.

We received a bridge loan just before year end that included the issuing of warrants to existing debt holders in return for the forbearance of the debt covenants which created a substantial modification in the terms of the notes. Subsequent to year end and during the audit procedure it was brought to management's attention that this transaction should be recorded as a loss on the modification of debt instead of accounting for it as a discount to the notes payable. Included in the loss was the fair value of the warrants issued to the existing noteholders and the extinguishing the existing debt discount and offering costs.

During the audit process subsequent to year end it was brought to management's attention that the units of production depreciation method used to calculate plant, property and equipment's depreciation for the period was calculated incorrectly as the amount for mineral properties was missed during the calculation resulting in a material affect on the financial statements.

We intend to remediate these weaknesses by adding additional people to the staff and having a better segregation of duties program among the staff. We will also institute a formal review program for all complex accounting issues. Our intention is to close the books on a monthly basis in order to get more timely information. A review of our IT system will also take place this year.

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Changes in Internal Controls over Financial Reporting

With the exception of the following, there were no material changes in our internal control over financial reporting (as defined in Rule 13(a)-15(f) or 15(d)-15(f)) that occurred during the period covered by this yearly report.

On February 3, 2012 our CEO, John L. Key, was terminated by mutual agreement and our newly appointed CFO, James T. O Neil Jr., was appointed interim CFO. For the last quarter of our fiscal year the CEO and CFO were the same individual. Subsequent to year end, on April 4, 2012 R. Llee Chapman was appointed the CFO and with Lisanna Lewis, Vice President and Treasurer, have maintained internal controls over financial reporting.

ITEM 9B. OTHER INFORMATION

None.

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Our directors hold office until the next annual meeting of the stockholders and the election and qualification of their successors. Officers are elected annually by the Board of Directors and serve at the direction of the Board of Directors.

The following table and information that follows sets forth, as of June 25, 2012, the names, and positions of our directors and executive officers:

| Name and Municipality of Residence | Current Office with Gryphon Gold | Principal Occupation Last Ten Years | Director Since |
|--|---|---|-----------------------|
| James T. O Neil Jr. Parker, CO | Chief Executive Officer, Director | Chief Executive Officer appointed April 4, 2012, previously Chief Financial Officer as of January 4, 2012. Chief Financial Officer & Chief Operations Officer for Jipangu International from 2006 to 2011. VP - Finance, Controller and Treasurer for Apollo Gold Corporation from 2004 - 2006. Asarco Incorporated Division Controller, Corporate Controller (2000-2001) and Vice President of Finance and Administration (2001-2004). | February 3, 2012 |
| Donald W. Gentry Bella Vista, Arkansas | Director | President, Chief Executive Officer, Chairman and Director of PolyMet Mining Corporation, 1998 to 2003 | July 18, 2005 |
| Marvin K. Kaiser | Director | Consultant to natural resource industry, | Nov. 18, 2008 |

| | | | |
|---|---|---|--------------|
| Mayfield, Kentucky | | Whippoorwill Consulting 2006 Present, CFO, Executive VP, Chief Administrative Officer Doe Run Company 1993- 2006. | |
| Terence J. Cryan Bronxville, NY | Director | Currently serves as the Managing Director to Concert Energy Partners, LLC. Senior Managing Director at Bear Stearns & Co. 1997-2001 | Sep. 3, 2009 |
| R. Llee Chapman* Elko, NV | Chief Financial Officer | Chief Financial Officer appointed April 4, 2012. Executive Vice President for Goldstrike Operation for Barrick Gold, Executive Vice President and Chief Financial Officer for Apollo Gold from 2002 2005, Regional Vice President for Newmont North America 2007-2010. Operated a mining/financial consulting company for several years. | |
| Lisanna M Lewis Vancouver, BC | Vice President, Treasurer, Corporate Secretary | Vice President appointed August 1, 2010, previous Corporate Controller of Gryphon Gold from October 2005. Appointed Secretary and Treasurer October 8, 2008. Administration and Logistics Manager for Danka Canada from Aug 1994 Oct 2005. | |

*R. Llee Chapman replaced James T. O Neil Jr. as CFO on April 4, 2012, until that time Mr. O Neil filled both roles as CEO CFO.

The following is a description of the business background of the directors and executive officers of the Corporation.

James T. O Neil Jr., 68, was appointed January 4, 2012 as Chief Financial Officer and has since been appointed President, CEO, and Director on April 4, 2012 and February 3, 2012 respectively. Mr. O Neil earned both his Bachelor of Science and a Master of Business Administration from Arizona State University. Most recently he served as the Chief Financial Officer & Chief Operations Officer for Jipangu International from 2006 to the present. Previously he served as VP-Finance, Controller and Treasurer for Apollo Gold Corporation from 2004 2006. He started his career in 1973 at Asarco Incorporated in the capacity of Division Controller, Corporate Controller (2000-2001) and ending his career there as Vice President of Finance and Administration (2001-2004).

Donald W. Gentry, 69, Director, joined our board in July 2005 after retiring from PolyMet Mining Corporation as its President, Chief Executive Officer, Chairman and Director from 1998 to 2003. He is a retired Professor Emeritus of the Colorado School of Mines, having served that institution from 1972 to 1998 as Professor, Department Head and Dean of Engineering. He has an international reputation as a consulting mining engineer, professional educator and mining executive. His primary interests center on the financial aspects of project evaluation, investment decision analysis, project financing, and corporate investment strategies. He previously served as a Director of Santa Fe Pacific Gold Corporation, Newmont Mining Corporation, and Newmont Gold Company and currently is a Director of Golden Gryphon Explorations (a company which is unrelated to Gryphon Gold Corporation). He was elected President of the Society for Mining, Metallurgy and Exploration, Inc. in 1993 and the American Institute of Mining, Metallurgical and Petroleum Engineers in 1996 and to the National Academy of Engineering in 1996. He holds B.S., M.S. and Ph.D. degrees in mining engineering from the University of Illinois, Mackay School of Mines, and University of Arizona, respectively.

Marvin K. Kaiser, 70, was appointed to our board on November 18, 2008. Mr. Kaiser graduated from Southern Illinois University-Carbondale and began his career in the field of public accounting becoming a Certified Public Accountant in 1965. His career in the natural resources industry began in 1969 with Ranchers Exploration and Development Corporation where he held various positions including Chief Financial Officer and Senior Vice President until the company was combined with Hecla Mining Company in 1984. Mr. Kaiser also served as Chief Financial Officer of AMAX Gold, Inc from 1989 until 1993 when AMAX Inc was combined with Cyprus Mining. Subsequent to leaving AMAX, Mr. Kaiser joined The Doe Run Company as Chief Financial Officer. At the time of his retirement from Doe Run in 2006, he held the positions of Executive Vice President and Chief Administrative Officer. Following his retirement, Mr. Kaiser formed Whippoorwill Consulting, LLC, which provides financial advisory services to the natural resources industry. He presently serves as a director of several publicly traded mining/exploration companies as well as The Southern Illinois University Foundation.

Terence J. Cryan, 49, was appointed to our board on September 3, 2009. Mr. Cryan graduated with honours from Tufts University in Medford, Massachusetts with a Bachelor of Arts degree in Economics/Political Science. He then attended the London School of Economics to earn his Masters of Science degree in Economics in December 1984. Mr. Cryan began his career in 1985 as a Portfolio Manager/Investment Officer for Chase Investment Management Corp in New York, NY. In 1987 he located to London, England with Lazard where he gained extensive knowledge of cross border corporate finance as well as mergers and acquisitions. Mr. Cryan's career continued as a managing director at Paine Webber (following its acquisition of Kidder, Peabody) and then served as Senior Managing Director at Bear Stearns & Co. Mr. Cryan was also President & CEO to Medical Acoustics LLC from April 2007 to April 2010. Currently, Mr. Cryan serves as the Managing Director of Concert Energy Partners, LLC, an investment banking and private equity firm based in New York. Mr. Cryan has extensive experience as a director of a number of publicly traded companies.

R. Llee Chapman, 55, was appointed our Chief Financial Officer on April 4, 2012. Mr Chapman began his career with ASARCO and spent 11 years at the Goldstrike Operation for Barrick Gold, was Executive Vice President and Chief Financial Officer for Apollo Gold from 2002 – 2005, spent three years as Regional Vice President of Business Services for Newmont Mining Corp and operated a mining/financial consulting company for several years. **Lisanna M. Lewis, 38**, was appointed as our Vice President on August 1, 2010. Ms. Lewis continues to serve as, Treasurer and Secretary. Ms. Lewis has been with Gryphon Gold since October 2005, and was originally hired as the Office Manager of the Company. In August 2007 Ms. Lewis was promoted to Controller of the Company and later in November 2008 as Secretary and Treasurer. Ms. Lewis has a Commercial Accounting Certificate, an Accounting Technician Diploma, and is currently enrolled in the Certified General Accountants of British Columbia program.

Arrangements between Directors and Officers

To our knowledge, there is no arrangement or understanding between any of our officers and any other person pursuant to which the officer was selected to serve as an officer.

Legal Proceedings, Cease Trade Orders and Bankruptcy

As of the date of this annual report, no director or executive officer of the Company and no shareholder holding more than 5% of any class of voting securities in the Company, or any associate of any such director, officer or shareholder is a party adverse to the Company or any of our subsidiaries or has an interest adverse to the Company or any of our subsidiaries.

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No director or executive officer of the Company is, as at the date of this annual report, or was within 10 years before the date of this annual report, a director, chief executive officer or chief financial officer of any company (including the Company), that:

- (a) was subject to a cease trade order, an order similar to a cease trade order or an order that denied the relevant company access to any exemption under securities legislation, for a period of more than 30 consecutive days, that was issued while the director or executive officer was acting in the capacity as director, chief executive officer or chief financial officer; or
- (b) was subject to a cease trade order, an order similar to a cease trade order or an order that denied the relevant company access to any exemption under securities legislation, for a period of more than 30 consecutive days, that was issued after the director or executive officer ceased to be a director, chief executive officer or chief financial officer and which resulted from an event that occurred while that person was acting in the capacity as director, chief executive officer or chief financial officer.

Except as otherwise described below, no director, executive officer or shareholder holding a sufficient number of the Company's securities to affect materially the control of the Company:

- (a) is, as at the date of this annual report, or has been within the 10 years before the date of this annual report, a director or executive officer of any company (including the Company) that, while that person was acting in that capacity, or within a year of that person ceasing to act in that capacity, became bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency or was subject to or instituted any proceedings, arrangement or compromise with creditors or had a receiver, receiver manager or trustee appointed to hold its assets; or
- (b) has, within 10 years before the date of this annual report, become bankrupt, made a proposal under any legislation relating to bankruptcy or insolvency, or become subject to or instituted any proceedings, arrangement or compromise with creditors, or had a receiver, receiver manager or trustee appointed to hold the assets of the director, executive officer or shareholder.

However, Mr. Kaiser and Mr. Gentry served as directors for Constellation Copper, which filed for an assignment of bankruptcy under Canada's Bankruptcy Insolvency Act on December 23, 2008.

- (c) has, within 10 years before the date of this annual report, been the subject of, or a party to, any U.S. federal or state judicial or administrative order, judgment, decree, or finding, not subsequently reversed, suspended or vacated, relating to an alleged violation of: (i) any U.S. federal or state securities or commodities law or regulation; or (ii) any law or regulation respecting financial institutions or insurance companies including, but not limited to, a temporary or permanent injunction, order of disgorgement or restitution, civil money penalty or temporary or permanent cease-and-desist order, or removal or prohibition order; or (iii) any law or regulation prohibiting mail or wire fraud or fraud in connection with any business entity; or
- (d) has, within 10 years before the date of this annual report, been the subject of, or a party to, any sanction or order, not subsequently reversed, suspended or vacated, of any self-regulatory organization (as defined in Section 3(a)(26) of the Exchange Act (15 U.S.C.78c(a)(26))), any registered entity (as defined in Section 1(a)(29) of the Commodity Exchange Act (7 U.S.C.1(a)(29))), or any equivalent exchange, association, entity or organization that has disciplinary authority over its members or persons associated with a member.

No director or executive officer of the Company, and no shareholder holding a sufficient number of securities of the Company to affect materially the control of the Company has been subject to:

- (a) any penalties or sanctions imposed by a court relating to securities legislation or by a securities regulatory authority or has entered into a settlement agreement with a securities regulatory authority; or

- (b) any other penalties or sanctions imposed by a court or regulatory body that would likely be considered important to a reasonable investor in making an investment decision.

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Committees of the Board of Directors

Our Board of Directors has established four board committees: an Audit Committee, a Compensation Committee, Corporate Governance/Nominating Committee and a Project Development, Environmental & Sustainability Committee. The information below sets out the current members of each of Gryphon Gold's board committees and summarizes the functions of each of the committees in accordance with their mandates.

Audit Committee

Our Audit Committee has been structured to comply with Canadian Multilateral Instrument 52-110-Audit Committees (MI 52-110) and Section 3(a)(58)(A) of the Securities Exchange Act of 1934, as amended (Exchange Act). Our Audit Committee is comprised of Marvin Kaiser, Donald Gentry and Terence Cryan. The Company's Board of Directors has determined that the three members of the Company's Audit Committee are independent directors under MI 52-110, Rule 10A-3 of the Exchange Act, and the audit committee rules of the NYSE Amex Equities. Marvin Kaiser is the Chairman of the Audit Committee. Marvin Kaiser satisfies the criteria for an audit committee financial expert under Item 407(e)(5) of Regulation S-K of the rules of the Securities and Exchange Commission.

The Audit Committee meets with management and Gryphon Gold's external auditors to review matters affecting financial reporting, the system of internal accounting and financial controls and procedures and the audit procedures and audit plans. The Audit Committee reviews Gryphon Gold's significant financial risks, will be involved in the appointment of senior financial executives and will annually review Gryphon Gold's insurance coverage and any off-balance sheet transactions.

The Audit Committee is mandated to monitor Gryphon Gold's audit and the preparation of financial statements and to review and recommend to the board of directors all financial disclosure contained in Gryphon Gold's public documents. The Audit Committee is also mandated to appoint external auditors, monitor their qualifications and independence and determine the appropriate level of their remuneration. The external auditors report directly to the Audit Committee and to the board of directors. The Audit Committee and board of directors each have the authority to terminate the external auditor's engagement (subject to confirmation by shareholders). The Audit Committee will also approve in advance any services to be provided by the external auditors which are not related to the audit.

Compensation Committee

The Compensation Committee is comprised of Donald Gentry (chairman), Marvin Kaiser and Terence Cryan, all of whom are independent directors. The Compensation Committee is responsible for considering and authorizing terms of employment and compensation of directors, executive officers and providing advice on compensation structures in the various jurisdictions in which Gryphon Gold operates. In addition, the Compensation Committee reviews both the overall salary objectives of Gryphon Gold and significant modifications made to employee benefit plans, including those applicable to directors and executive officers, and propose any awards of stock options, incentive and deferred compensation benefits.

Corporate Governance and Nominating Committee

The Corporate Governance and Nominating Committee is comprised of Terence Cryan (chairman), Marvin Kaiser and Donald Gentry, all of whom are independent directors. The Corporate Governance and Nominating Committee is responsible for developing Gryphon Gold's approach to corporate governance issues and compliance with governance rules. The Corporate Governance and Nominating Committee is also mandated to plan for the succession of Gryphon Gold, including recommending director candidates, review of board procedures, size and organization, and monitoring of senior management with respect to governance issues. The committee is responsible for the development and implementation of corporate communications to ensure the integrity of Gryphon Gold's internal control and management information systems. The purview of the Corporate Governance and Nominating Committee also

includes the administration of the board's relationship with the management of Gryphon Gold, monitoring the quality and effectiveness of Gryphon Gold's corporate governance system and ensuring the effectiveness and integrity of Gryphon Gold's communication and reporting to shareholders and the public generally.

There have been no material changes to the procedures pursuant to which a shareholder may recommend nominees for the Company's Board of Directors.

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Project Development, Environmental & Sustainability Committee

The Project Development, Environmental & Sustainability Committee is comprised of Donald Gentry (chairman), and James O Neil Jr. The committee is to review and provide technical and commercial guidance for major project development plans, ensure management has appropriate systems in place to plan, implement and track performance of project development. The Committee shall establish environmental policy, monitor compliance and audit our performance relative to policy. The Committee shall establish health and safety policies monitor compliance and audit our practices and actions. The Committee shall establish policy for involving communities of interest in the design and implementation of project development towards sustainable mining development.

Code of Conduct

We adopted a Code of Business Conduct and Ethics that applies to all of our directors, officers and employees. The Code of Business Conduct and Ethics summarizes the legal, ethical and regulatory standards that we must follow and will serve as a reminder to our directors, officers and employees, of the seriousness of that commitment. Compliance with this code and high standards of business conduct is mandatory for each of our employees. The Code of Business Conduct and Ethics was filed with the SEC on February 10, 2006 as exhibit 14.1(2) to Form 10-QSB quarterly report for the quarter ending December 31, 2005. Further information and a copy of the Code of Business Conduct and Ethics are available on our website at www.gryphongold.com.

Section 16(a) Beneficial Ownership Reporting Compliance

Section 16(a) of the Securities Exchange Act of 1934, as amended, requires the Company's officers, directors, and persons who beneficially own more than 10% of the Company's common stock (10% Stockholders), to file reports of ownership and changes in ownership with the Securities and Exchange Commission (SEC). Such officers, directors and 10% Stockholders are also required by SEC rules to furnish us with copies of all Section 16(a) forms that they file. Based solely upon information provided to us by individual officers, directors and 10% Stockholders, we believe that all of these filing requirements were satisfied by our officers, directors, and 10% Stockholders in the fiscal year ended March 31, 2011.

ITEM 11. EXECUTIVE COMPENSATION

The following table sets forth compensation paid to each of the individuals who served as our Principal Executive Officers and our two other most highly compensated employees (the named executive officers) for the fiscal year ended March 31, 2012 and 2011.

During the fiscal year ended March 31, 2012 and 2011, the Board authorized salary adjustments for directors, officers, and employees. These adjustments are indicated in the compensation table below. Further, the Board made stock and option grants to certain directors and executives to provide additional compensation, and the calculated value of such grants are indicated in the compensation table below.

| Name and Principal Position | Year | Salary \$ | Bonus \$ | Stock Awards \$ | Options Awards \$ | Non-Equity Incentive Plan Compensation \$ | Non-Qualified Deferred Earnings \$ | All Other Compensation | Total |
|--|------|-----------|----------|-----------------|-------------------|---|------------------------------------|------------------------|---------|
| James T. O Neil Jr., CEO | 2012 | 50,000 | - | - | 34,375 | - | - | - | 84,375 |
| | 2011 | - | - | - | - | - | - | - | - |
| Lisanna Lewis, VP, Treasurer & Secretary | 2012 | 129,117* | - | - | 45,878 | - | - | - | 174,995 |
| | 2011 | 104,510* | - | 11,658 | 10,941 | - | - | - | 127,109 |
| Steven Jones, VP Exploration | 2012 | 107,069 | - | - | 38,270 | - | - | - | 145,339 |
| | 2011 | - | - | - | - | - | - | - | - |
| John Key, Former CEO | 2012 | 209,417 | - | - | 101,950 | - | - | - | 311,367 |
| | 2011 | 222,000 | 97,500 | 23,317 | 35,121 | - | - | - | 377,938 |
| Steven D Craig, Former VP, Exploration | 2012 | 94,872 | - | - | - | - | - | - | 94,872 |
| | 2011 | 163,000 | - | 7,772 | 13,561 | - | - | - | 184,333 |

- (1) \$319,500 of grand total was received as cash, \$35,121 was recorded as non-cash stock compensation expense, and \$23,317 in stock granted.
- (2) Mr. Key's employment was terminated by mutual agreement on February 3, 2012. \$209,417 of grand total was received as cash, remaining \$101,950 was recorded as non-cash stock compensation expense.
- (3) \$50,000 of grand total was received as cash; remaining \$34,375 was recorded as non-cash stock compensation expense.
- (4) \$104,510 of grand total was received in cash, \$10,941 was recorded as non-cash stock compensation expense, and \$11,658 in stock granted.
- (5) \$129,117 of grand total was received in cash, \$45,878 recorded in non-cash stock compensation expense.
- (6) Mr. Craig was appointed VP Exploration on April 1, 2010. Of the grand total, \$163,000 was received in cash, \$13,561 recorded in non-cash stock compensation expense, and \$7,772 in stock granted.
- (7) Mr. Craig resigned on August 5, 2011. \$94,872 received as cash.
- (8) Mr. Jones was appointed VP Exploration August 29, 2011. Of the grand total, \$107,039 was received in cash and \$38,270 recorded in non-cash compensation expense.

* Based on the March 31, 2012 exchange rate of Cdn\$1 equals US\$1.0025

Executive Compensation Agreements and Summary of Executive Compensation

Report on Executive Compensation

During the year ended March 31, 2012, the Company's Compensation Committee was responsible for establishing compensation policy and administering the compensation programs of our executive officers.

The amount of compensation paid by the Company to each of our officers and the terms of those persons' employment is determined solely by the Compensation Committee. The Compensation Committee evaluates past performance and considers future incentive and retention in considering the appropriate compensation for the Company's officers. The Company believes that the compensation paid to the Company's directors and officers is fair to the Company.

Our Compensation Committee believes that the use of direct stock awards is at times appropriate for employees, and in the future intends to use direct stock awards to reward outstanding service or to attract and retain individuals with exceptional talent and credentials. The use of stock options and other awards is intended to strengthen the alignment of interests of executive officers and other key employees with those of our stockholders.

Executive Compensation Agreements

Gryphon Gold is a party to employment contracts with James O Neil Jr., R. Llee Chapman, Lisanna Lewis and Steven Jones. Pursuant to the agreements all four employees are entitled to compensation for termination of their employment in certain circumstances, including termination without cause and change of control. The employment agreements provides for the payment of compensation that will be triggered by a termination of the executive officer's employment by either Gryphon Gold or the executive officer following a change of control of Gryphon Gold, or by Gryphon Gold at any time, other than for cause.

Except as described above, and the payment of directors' fees, there are no service contracts of any officer of Gryphon Gold and there is no arrangement or agreement made or proposed to be made between Gryphon Gold and any of its named executive officers pursuant to which a payment or other benefit is to be made or given by way of compensation in the event of that officer's resignation, retirement or other termination of employment, or in the event of a change of control of Gryphon Gold or a change in the named executive officer's responsibilities following such change in control.

Outstanding Equity Awards at Fiscal Year-End

The following table sets forth the stock options and stock appreciation rights granted to our named executive officers as of the fiscal year ended March 31, 2012.

| Name | Option Awards | | Equity Incentive Plan Awards: Number of Securities Unexercised and Unearned Options (#) | Option Exercise Price (\$) | Option Expiration Date |
|---|---|---|---|----------------------------|------------------------|
| | Number of Securities Underlying Unexercised Options (1) (#) Exercisable | Number of Securities Underlying Unexercised Options (#) Unexercisable | | | |
| James T. O'Neil Jr. Chief Executive Officer | 250,000 | 62,500 | | US\$0.25 | 5-Jan-17 |
| Lisanna Lewis ⁽¹⁾ VP, Treasurer, Secretary. | 50,000 | | | Cdn\$0.41 | 8-Apr-13 |
| | 50,000 | | | Cdn\$0.38 | 8-Jul-13 |
| | 100,000 | | | US\$0.22 | 16-Sept-14 |
| | 150,000 | | | US\$0.10 | 24-Aug-15 |
| | 225,000 | 168,750 | | US\$0.26 | 8-Sept-16 |
| Steven Jones ⁽³⁾ VP Exploration | 100,000 | 75,000 | | US\$0.26 | 29-Aug-16 |
| | 100,000 | 75,000 | | US\$0.26 | 8-Sept-16 |
| John L Key Former Chief Executive Officer | 150,000 | | | Cdn\$0.62 | 11-Feb-13 |
| | 350,000 | | | Cdn\$0.41 | 1-Aug-13 |
| | 200,000 | | | US\$0.22 | 16-Sept-14 |
| | 400,000 | | | US\$0.10 | 24-Aug-15 |
| | 375,000 | 375,000 | | US\$0.26 | 8-Sept-16 |

(1) 56,250 to vest June 30, 2012.

(2) 187,500 to vest 25% each June 30, Sept 30, and Dec 31, 2012

(3) 150,000 to vest June 30, 2012.

Retirement, Resignation or Termination Plans

We do not sponsor any plans, that would provide compensation or benefits of any type to an executive upon retirement, or any plans that would provide payment for retirement, resignation, or termination as a result of a change in control of our Company or as a result of a change in the responsibilities of an executive following a change in control of our Company, provided however that as described above each of Jim O'Neil, Lisanna Lewis and Steve Craig have employment contracts that provide, in each case, for the payment of twelve (12) months of salary upon termination as a result of change in control of our Company.

Director Compensation

| Name | Fees Earned or Paid in Cash (\$)(\\$) | Stock Awards (\$) | Option Awards (\$) | Non-Equity Incentive Plan Compensation (\$) | Non-Qualified Compensation Earnings (\$) | All Other Compensation (\$) | Total (\$) |
|---------------|---------------------------------------|-------------------|--------------------|---|--|-----------------------------|-----------------------|
| Donald Gentry | 53,500 | - | 30,585 | - | - | - | 84,085 ⁽¹⁾ |
| Marvin Kaiser | 61,000 | - | 30,585 | - | - | - | 91,585 ⁽²⁾ |
| Terence Cryan | 58,500 | - | 30,585 | - | - | - | 89,085 ⁽³⁾ |

(1) \$53,500 of fees has been paid in cash. 150,000 stock options, 112,500 have vested; 37,500 vest on June 30, 2012

(2) \$61,000 of fees has been paid in cash. 150,000 stock options, 112,500 have vested; 37,500 vest on June 30, 2012

(3) \$58,500 of fees has been paid in cash. 150,000 stock options, 112,500 have vested; 37,500 vest on June 30, 2012

Compensation of Directors

Effective July 1, 2011 each independent board member shall receive the below compensation structure:

- \$8,000 quarterly for serving in the capacity of a director
- \$2,000 quarterly for serving as a board of directors committee chair
- \$1,000 quarterly for serving as a member of a directors committee

In addition to the above, the below was made effective August 3, 2011:

- Independent directors to be paid a sum of \$2,500 per day for time spent in addition to normal board activities

All fees except \$74,500 in accounts payable have been paid through March 31, 2012. The \$74,500 was paid April 15, 2012.

Except as described above, and the payment of directors fees, there are no service contracts of any director of Gryphon Gold and there is no arrangement or agreement made or proposed to be made between Gryphon Gold and any of its directors pursuant to which a payment or other benefit is to be made or given by way of compensation in the event of that officer's resignation, retirement or other termination of employment, or in the event of a change of control of Gryphon Gold or a change in the director's responsibilities following such change in control.

Officer Compensation Agreements

Gryphon Gold is a party to employment contracts with James O Neil Jr., R. Llee Chapman, Lisanna Lewis and Steven Jones. Pursuant to the agreement all four employees are entitled to compensation for termination of their employment in certain circumstances, including termination without cause and change of control. The employment agreement provides for the payment of compensation that will be triggered by a termination of the executive officer's employment by either Gryphon Gold or the executive officer following a change of control of Gryphon Gold, or by Gryphon Gold at any time, other than for cause.

Gryphon Gold was a party to a financial consulting agreement with Sharp Executives Associates Inc. until December 31, 2011. Pursuant to the agreement Mr. Ted Sharp was named Gryphon Gold's Interim Chief Financial Officer and under the agreement Mr. Sharp agreed to act in all normal capacities of the office he was appointed to. On May 25, 2011, Mr. Ted Sharp replaced Mr. Fowler as Chief Financial Officer under that agreement and acts in all normal capacities of that office.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDERS MATTERS

Securities Ownership

The following tables set forth information as of June 25, 2012 regarding the ownership of our common stock by:

each person who is known by us to own more than 5% of our shares of common stock; and
each named executive officer, each director and all of our directors and executive officers as a group.

The number of shares beneficially owned and the percentage of shares beneficially owned are based on shares of common stock outstanding as of June 25, 2012.

For the purposes of the information provided below, shares subject to options and warrants that are exercisable within 60 days following June 25, 2012 are deemed to be outstanding and beneficially owned by the holder for the purpose of computing the number of shares and percentage ownership of that holder but are not deemed to be outstanding for the purpose of computing the percentage ownership of any other person. Except as indicated in the footnotes to these tables, and as affected by applicable community property laws, all persons listed have sole voting and investment power for all shares shown as beneficially owned by them.

Principal Stockholders

| <u>Name and Address of Beneficial Owner</u> ⁽¹⁾ | Shares | Percent |
|---|---------------------------|----------------------|
| Top Gold AG M V K Landstrasse 14 9496 Balzers Principality of Liechtenstein | 10,000,000 ⁽³⁾ | 5.15% ⁽²⁾ |

(1) Beneficial ownership is determined in accordance with the rules of the United States Securities and Exchange Commission and includes voting and investment power with respect to shares. Unless otherwise indicated, the persons named in this table have sole voting and sole investment control with respect to all shares beneficially owned. Figures shown are on a non-diluted basis.

(2) The Investment Advisor with ultimate voting and dispositive power is Luxor Asset Management Trust reg., Balzers, which is represented by Mr. Martin Frick, Balzers.

Security Ownership of Management

| <u>Name and Address of Beneficial Owner</u> ⁽¹⁾ | Shares | Percent |
|---|------------|----------------------|
| James T. O Neil Jr. Chief Executive Officer 611 N Nevada Street Carson City, NV 89703 | 250,000 | 0.03% ⁽⁷⁾ |
| Donald W Gentry Director 611 N Nevada Street Carson City, NV, 89703 | 550,000 | 0.26% ⁽³⁾ |
| Marvin Kaiser Director 611 N Nevada Street Carson City, NV 89703 | 450,000 | 0.21% ⁽⁴⁾ |
| Terence Cryan Director 611 N Nevada Street Carson City, NV, 89703 | 450,000 | 0.21% ⁽⁵⁾ |
| Lisanna Lewis Vice President, Treasurer, Secretary 611 N Nevada Street Carson City, NV, 89703 | 575,000 | 0.27% ⁽⁶⁾ |
| John Key Former Chief Executive Officer 611 N Nevada Street | 1,475,000) | 0.75% ⁽²⁾ |

Carson City, NV 89703

- (1) Beneficial ownership is determined in accordance with the rules of the SEC and includes voting and investment power with respect to shares. Unless otherwise indicated, the persons named in this table have sole voting and sole investment control with respect to all shares beneficially owned.
- (2) Includes vested options exercisable to acquire 1,475,000 shares of common stock.
- (3) Includes vested options exercisable to acquire 512,500 share of common stock.
- (4) Includes vested options exercisable to acquire 412,500 shares of common stock and warrants exercisable to acquire 25,000 shares of common stock.
- (5) Includes vested options exercisable to acquire 412,500 shares of common stock.
- (6) Includes vested options exercisable to acquire 518,750 shares of common stock.
- (7) Includes vested options exercisable to acquire 62,500 shares of common stock

We have no knowledge of any arrangements, including any pledge by any person of our securities, the operation of which may at a subsequent date result in a change in our control.

We are not, to the best of our knowledge, directly or indirectly owned or controlled by another corporation or foreign government.

As of June 25, 2012, we had approximately 2,500 shareholders of record of our common stock.

Equity Compensation Plans

Please review the disclosure provided under the section heading **Market for Common Equity** .

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

Except for the transactions described below, none of our directors, senior officers or principal shareholders, nor any associate or affiliate of the foregoing have any interest, direct or indirect, in any transaction, since the beginning of the fiscal year ended March 31, 2012, or in any proposed transactions, in which such person had or is to have a direct or indirect material interest.

Related party transactions are reviewed and approved by the Board of Directors.

Purchases of Securities

During and subsequent to the fiscal year ending March 31, 2012, officers, directors and 10% shareholders of Gryphon Gold purchased no securities of Gryphon Gold.

Other than compensatory arrangements described under **Executive Compensation** and the transactions described above, we have had no other transactions, directly or indirectly, during the past fiscal year with our directors, senior officers or principal shareholders, or any of their associates or affiliates in which they had or have a direct or indirect material interest.

Director Independence

The Company's Board of Directors has determined that the following directors are independent based on the standards for director independence for the NYSE Amex Equities:

Donald Gentry;
Marvin Kaiser; and
Terence Cryan.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

Audit Fees

The aggregate fees billed by the Company's auditors for professional services rendered in connection with the audit of the Company's annual consolidated financial statements for fiscal 2012 and 2011 and reviews of the consolidated financial statements included in the Company's Forms 10-K and 10-Q for fiscal 2012 and 2011 were \$135,661 and \$106,433, respectively. The aggregate fees billed by the Company's independent registered public accounting firm for any additional fees for assurance and related services that are reasonably related to the performance of the audit or review of the Company's financial statements and are not reported under **Audit Fees** above for 2012 and 2011 were \$0.

Tax Fees

The aggregate fees billed by the Company's auditors for professional services for tax compliance, tax advice, and tax planning for fiscal 2012 and 2011 were \$18,631 and \$14,848, respectively.

All Other Fees

The aggregate fees billed by the Company's auditors for all other non-audit services rendered to the Company, such as attending meetings and other miscellaneous financial consulting, for fiscal 2012 and 2011 were \$23,345 and \$40,065, respectively.

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PART IV**ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES****Financial Statements**

The following financial statements have been filed with this Annual Report on Form 10-K and are presented in Item 8, herein.

1. Report of Independent Registered Public Accounting Firm;
2. Audited Consolidated Balance Sheets as at March 31, 2012 and 2011;
3. Audited Consolidated Statements of Operations for the years ended March 31, 2012 and 2011;
4. Audited Consolidated Statements of Shareholder's Equity for the years ended March 31, 2012 and 2011;
5. Audited Consolidated Statements of Cash Flows for the years ended March 31, 2012 and 2011; and
6. Notes to the Audited Consolidated Financial Statements.

Exhibits**Number Description**

- | | |
|-------|--|
| 3.1* | Articles of Incorporation of Gryphon Gold Corporation, filed April 24, 2003 (Previously filed on Form SB- 2 on August 17, 2005 as Exhibit 3.1) |
| 3.2* | Certificate of Amendment to Articles of Incorporation of Gryphon Gold Corporation, filed August 9, 2005 (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 3.2) |
| 3.3* | Bylaws of Gryphon Gold Corporation (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 3.3) |
| 3.4* | Articles of Incorporation of Borealis Mining Company, filed June 5, 2003 (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 3.4) |
| 3.5* | Bylaws of Borealis Mining Company (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 3.5) |
| 3.6* | Certificate of Amendment to Articles of Incorporation dated December 10, 2009 (Previously filed on Form 8-K on December 16, 2009 as Exhibit 3.1) |
| 4.1* | Specimen Common Stock certificate (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 4.1) |
| 10.1* | Assignment of Borealis Mining Lease, dated January 10, 2005, between Golden Phoenix Mineral Company and Borealis Mining Company (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 10.2) |
| 10.2* | Agreement and Consent to Assignment of Borealis Mining Lease, entered into as of January 26, 2005, between Richard J. Cavell, Hardrock Mining Company, John W. Whitney, Golden Phoenix Minerals, Inc., Borealis Mining Company and Gryphon Gold Corporation (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 10.3) |
| 10.3* | Escrow Agreement, dated January 10, 2005, between Borealis Mining Company, Gryphon Gold Company and Lawyers Title Agency of Arizona (Regarding Purchase Agreement dated January 10, 2005)(Previously filed on Form SB-2 on August 17, 2005 as Exhibit 10.4) |
| 10.4* | Purchase Agreement dated January 10, 2005, as amended, Seller: Golden Phoenix Minerals, Inc., Buyer: Borealis Mining Company and Guarantor: Gryphon Gold Corporation (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 10.5) |
| 10.5* | Agreement between Golden Phoenix Minerals, Inc. and Borealis Mining Company (Borealis Property, Mineral County, Nevada), dated July 21, 2003 (Previously filed on Form SB-2 on August 17, 2005 as Exhibit 10.6) |
| 10.6* | |

- Membership Interest Purchase Agreement for Nevada Eagle Resources LLC Properties (Previously filed on Form 8-K on July 6, 2007)
- 10 .7* 2006 Omnibus Incentive Plan (Incorporated by reference to Appendix E of the Registrant's Definitive Schedule 14A proxy statement filed on August 9, 2006)(Previously filed as Exhibit 4.1 to Form S-8 filed on October 11, 2006)
- 10 .8* Employment Agreement between the Registrant and John L. Key, dated July 21, 2008 (Previously filed as Exhibit 10.1 to Form 8-K filed on July 21, 2008)

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- 10.09* Option to Amend the Mining Lease on the Borealis Property, dated effective August 22, 2008 (Previously filed as Exhibit 10.18 to Form 10-K filed on June 28, 2010)
- 10.10* Amendment No. 1 to the Option Agreement between the Registrant, Gerald W. and Fabiola Baughman, and Nevada Eagle Resources LLC, dated February 5, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on February 10, 2010)
- 10.11* Amendment No. 2 to the Option Agreement between the Registrant, Gerald W. and Fabiola Baughman, and Nevada Eagle Resources LLC, dated February 12, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on February 18, 2010)
- 10.12* Amendment No. 1 to Option to Amend Mining Lease dated August 7, 2009 (Previously filed as Exhibit 10.2 to the Registrant's Form 8-K filed on February 24, 2011)
- 10.13* Amendment No. 2 to Option to Amend Mining Lease dated February 12, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on February 18, 2010)
- 10.14* Amendment No. 3 to Option to Amend Mining Lease dated August 17, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on August 20, 2010)
- 10.15* Amendment No. 4 to Option to Amend Mining Lease dated February 22, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on February 24, 2010)
- 10.16* Amendment No. 2 to Option Agreement between the Registrant, Borealis Mining Company and Sage Gold, dated April 19, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on April 20, 2010)
- 10.17* Membership Interest Purchase Agreement between the Registrant and Fronteer Development (USA) Inc. dated April 23, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on April 27, 2010)
- 10.18* Amendment No. 3 to Option Agreement and Amendment No. 2 to Subscription Agreement between the Registrant, Borealis Mining Company and Sage Gold, dated April 19, 2010 (Previously filed as Exhibit 99.1 to the Registrant's Form 8-K filed on May 6, 2010)
- 10.20* Amendment No. 4 to Option Agreement between the Registrant, Borealis Mining Company and Sage Gold, dated June 15, 2010 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on June 16, 2010)
- 10.21* Bridge Loan Agreement, dated March 20, 2012 (Previously filed as Exhibit 4.1 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.22* July Indenture Subordination Agreement, dated March 20, 2012 (Previously filed as Exhibit 4.2 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.23* November Indenture Subordination Agreement, dated March 20, 2012 (Previously filed as Exhibit 4.3 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.24* July Indenture Supplemental Indenture, dated March 20, 2012 (Previously filed as Exhibit 4.3 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.25* November Indenture Supplemental Indenture, dated March 20, 2012 (Previously filed as Exhibit 4.5 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.26* Deed of Trust, dated March 20, 2012 (Previously filed as Exhibit 10.1 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.27* Pledge and Security Agreement, dated March 20, 2012 (Previously filed as Exhibit 10.2 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.28* Security Agreement (Gryphon Gold Corporation), dated March 20, 2012 (Previously filed as Exhibit 10.3 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.29* Security Agreement (Borealis Mining Company), dated March 20, 2012 (Previously filed as Exhibit 10.4 to the Registrant's Form 8-K filed on March 26, 2012)
- 10.30* Guarantee, dated March 20, 2012 (Previously filed as Exhibit 10.5 to the Registrant's Form 8-K filed on March 26, 2012)
- 23.3* Consent of John Danio, PE, of Denver, CO
Consent of John Welsh, PE, of Reno, NV

Consent of Jonathan Brown, CPG, of Reno, NV

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|-------------|---|
| | Consent of Telesto Nevada Inc. |
| 32.2* | Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
| 33.2* | Certification of Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 95.1* | Mine Safety Disclosure pursuant to Section 1503(a) of the Dodd-Frank Wall Street Reform and Consumer Protection Act |
| 10 .31+ | Senior Secured Gold Stream Credit Agreement, dated April 18, 2012 |
| 10 32+ | Gold and Silver Supply Agreement, dated April 18, 2012 |
| <u>23.1</u> | <u>Consent of Decoria-Maichel-Teague</u> |
| <u>31.1</u> | <u>Certification of Chief Executive Officer and Interim Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u> |
| <u>32.1</u> | <u>Certification of Chief Executive Officer and Interim Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u> |
| * | Previously filed and incorporated by reference. |
| + | The Company has requested and / or received confidential treatment with respect to certain portions of this document, which have been omitted, pursuant to Rule 24b-2 of the Securities Exchange Act of 1934, as amended. |

SIGNATURES

In accordance with Section 13 or 15(d) of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized:

GRYPHON GOLD CORPORATION

/s/ James T. O Neil Jr. President and Chief Executive Officer,
Interim Chief Financial Officer and September 13, 2012
Director
(Principal Executive Officer and
Principal Financial and Accounting
Officer)

In accordance with the Securities Exchange Act of 1934, this report to be signed below by the following persons on behalf of the registrant in the capacities and on the dates indicated.

/s/ James T. O Neil Jr Chief Executive Officer and Director September 13, 2012
(Principal Executive Officer)

/s/ Marvin K. Kaiser Director September 13, 2012

/s/ Terence J. Cryan Director September 13, 2012