**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**FORM 10-Q**

  (Mark One)

**☒**

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

For the quarterly period ended **September 30, 2019**

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.   **001-39278**

**SOLITARIO ZINC CORP.**

(Exact name of registrant as specified in its charter)

|  |  |  |
| --- | --- | --- |
| **Colorado** |  | **84-1285791** |
| **(State or other jurisdiction of incorporation or organization)** |  | **(I.R.S. Employer Identification No.** |

|  |  |  |
| --- | --- | --- |
| **4251 Kipling St. Suite 390, Wheat Ridge, CO** |  | **80033** |
| **(Address of principal executive offices)** |  | **(Zip Code)** |

**(303)  534-1030**

**(Registrant's telephone number, including area code)**

**Securities registered pursuant to Section 12(b) of the Act:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Title of Each Class** |  | **Trading Symbol** |  | **Name of Each Exchange on Which Registered** |
| Common Stock, $0.01 par value |  | XPL |  | NYSE American |

Indicate by checkmark whether the registrant (1) has 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 ☒         NO ☐

Indicate by check mark whether the registrant has posted on its corporate Web site, if any, every Interactive Data File required to be posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to post such files).

YES ☒         NO ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company or an emerging growth company. See the definitions of “large accelerated filer,” “accelerated filer,” “smaller reporting company” and “emerging growth company” in Rule 12b-2 of the Exchange Act.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Large accelerated filer ☐ | Accelerated filer ☐ | Non-accelerated filer | Smaller reporting company ☒ | Emerging Growth Company ☐ |

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

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

YES ☐         NO ☒

There were 58,134,066 shares of $0.01 par value common stock outstanding as of October 30, 2019.

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PART I - FINANCIAL INFORMATION

Item 1. Financial Statements

SOLITARIO ZINC CORP.

CONDENSED CONSOLIDATED BALANCE SHEETS

|  |  |  |
| --- | --- | --- |
| (in thousands of U.S. dollars, | **September 30,** |  |
| except share and per share amounts) | **2019** | **December 31,** |
|  | **(unaudited)** | **2018** |
| Assets | | |
| **Current assets:** |  |  |
| Cash and cash equivalents | $335 | $117 |
| Short-term investments | 7,318 | 10,223 |
| Investments in marketable equity securities, at fair value | 1,014 | 1,585 |
| Prepaid expenses and other | 324 | 211 |
| Total current assets | 8,991 | 12,136 |
|  |  |  |
| Mineral properties | 15,617 | 15,657 |
| Other assets | 179 | 110 |
| **Total assets** | $24,787 | $27,903 |
|  |  |  |
| Liabilities and Shareholders’ Equity | | |
| **Current liabilities:** |  |  |
| Accounts payable | $188 | $688 |
| Other current liabilities | 4 | - |
| Operating lease liability | 40 | - |
| **Total current liabilities** | 232 | 688 |
|  |  |  |
| **Long-term liabilities** |  |  |
| Asset retirement obligation – Lik | 125 | 125 |
| Operating lease liability | 17 | - |
| **Total long-term liabilities** | 142 | 125 |
|  |  |  |
| **Commitments and contingencies (Note 8)** |  |  |
|  |  |  |
| **Equity:** |  |  |
| **Shareholders’ equity:** |  |  |
| Preferred stock, $0.01 par value, authorized 10,000,000     shares (none issued and outstanding at September 30, 2019 and      December 31, 2018) | - | - |
| Common stock, $0.01 par value, authorized 100,000,000 shares       (58,135,366 and 58,171,466 shares, respectively, issued and outstanding at September 30, 2019 and December 31, 2018) | 581 | 582 |
| Additional paid-in capital | 70,120 | 69,873 |
| Accumulated deficit | (46,288) | (43,365) |
| Total shareholders’ equity | 24,413 | 27,090 |
| **Total liabilities and shareholders’ equity** | $24,787 | $27,903 |

See Notes to Unaudited Condensed Consolidated Financial Statements

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SOLITARIO ZINC CORP.

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(Unaudited)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (in thousands of US dollars, except per share amounts) | **Three months endedSeptember 30** | | **Nine months endedSeptember 30** | |
|  | **2019** | **2018** | **2019** | **2018** |
| Revenue, net – mineral property sale | $- | $- | $408 | $502 |
|  |  |  |  |  |
| **Costs, expenses and other:** |  |  |  |  |
| Exploration expense | 815 | 344 | 1,680 | 686 |
| Depreciation | 6 | 7 | 19 | 19 |
| General and administrative | 319 | 344 | 1,065 | 1,509 |
| **Total costs, expenses and other** | 1,140 | 695 | 2,764 | 2,214 |
| **Other (loss) income** |  |  |  |  |
| Interest income, net | 43 | 46 | 205 | 109 |
| Unrealized loss on marketable equity securities | (347) | (74) | (736) | (737) |
| Loss on derivative instruments | (36) | - | (36) | - |
| **Total other loss** | (340) | (28) | (567) | (628) |
| **Net loss** | $(1,480) | $(723) | $(2,923) | $(2,340) |
| **Loss per common share:** |  |  |  |  |
| **Basic and diluted** | $(0.03) | $(0.01) | $(0.05) | $(0.04) |
| **Weighted average shares outstanding:** |  |  |  |  |
| **Basic and diluted** | 58,138 | 58,303 | 58,147 | 58,379 |

See Notes to Unaudited Condensed Consolidated Financial Statements

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SOLITARIO ZINC CORP.

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited)

|  |  |  |
| --- | --- | --- |
| (in thousands of U.S. dollars) | **Nine months endedSeptember 30,** | |
|  | **2019** | **2018** |
| **Operating activities:** |  |  |
| Net loss | $(2,923) | $(2,340) |
| Adjustments to reconcile net loss to net cash used in operating activities: |  |  |
|  |  |  |
| Depreciation | 19 | 19 |
| Amortization of capitalized lease asset | 29 | - |
| Unrealized loss on marketable equity securities | 736 | 737 |
| Employee stock option expense | 258 | 510 |
| Loss on derivative instruments | 36 | - |
| Changes in operating assets and liabilities: |  |  |
| Prepaid expenses and other assets | 211 | 67 |
| Note receivable, net of mineral property sold | (223) | - |
| Accounts payable and other current liabilities | (528) | (7) |
| Net cash used in operating activities | (2,385) | (1,014) |
| **Investing activities:** |  |  |
| Sale of short-term investments, net | 2,844 | 1,068 |
| Purchase of Vendetta units | (233) | - |
| Sale of Kinross calls | 10 | - |
| Purchase of other assets | (6) | (11) |
| Net cash provided by investing activities | 2,615 | 1,057 |
| **Financing activities:** |  |  |
| Purchase of common stock for cancellation | (12) | (75) |
| Net cash used in financing activities | (12) | (75) |
|  |  |  |
| Net increase (decrease) in cash and cash equivalents | 218 | (32) |
| **Cash and cash equivalents, beginning of period** | 117 | 214 |
| **Cash and cash equivalents, end of period** | $335 | $182 |

See Notes to Unaudited Condensed Consolidated Financial Statements

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NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

(Unaudited)

**1.       Business and Significant Accounting Policies**

*Business and company formation*

Solitario Zinc Corp. (“Solitario,” or the “Company”) is an exploration stage company as defined in Industry Guide 7, as issued by the United States Securities and Exchange Commission (“SEC”). Solitario was incorporated in the State of Colorado on November 15, 1984 as a wholly owned subsidiary of Crown Resources Corporation ("Crown"). In July 1994, Solitario became a publicly traded company on the Toronto Stock Exchange (the "TSX") through its initial public offering. Solitario has been actively involved in mineral exploration since 1993. Solitario’s primary business is to acquire exploration mineral properties or royalties and/or discover economic deposits on its mineral properties and advance these deposits, either on its own or through joint ventures, up to the development stage of the project. At that point, or sometime prior to that point, Solitario would likely attempt to sell its mineral properties, pursue their development either on its own, or through a joint venture with a partner that has expertise in mining operations, or create a royalty with a third party that continues to advance the property. Solitario is primarily focused on the acquisition and exploration of zinc-related exploration mineral properties, however Solitario will evaluate and potentially acquire other base and precious metal mineral exploration properties. In addition to focusing on its mineral exploration properties, Solitario also evaluates potential strategic transactions for the acquisition of new precious and base metal properties and assets with exploration potential or business combinations that Solitario determines to be favorable to Solitario.

Solitario has recorded revenue in the past from the sale of mineral properties, including the sale of certain mineral royalty properties in January 2019, discussed below, and the sale in June 2018 of its interest in the royalty on the Yanacocha property. Revenues and / or proceeds from the sale or joint venture of properties or assets have not been a consistent annual source of cash and would only occur in the future, if at all, on an infrequent basis.

Solitario currently considers its carried interest in the Florida Canyon project and its interest in the Lik project to be its core mineral property assets. Nexa Resources, Ltd. (“Nexa”), Solitario’s joint venture partner, is continuing the exploration and furtherance of the Florida Canyon project and Solitario is monitoring progress at Florida Canyon. Solitario is working with its 50% joint venture partner, Teck American Incorporated, a wholly owned subsidiary of Teck Resources Limited (both companies are referred to as “Teck”), in the Lik deposit to further the exploration of, and to evaluate potential development plans for the Lik project.

As of September 30, 2019, Solitario has significant balances of cash and short-term investments that Solitario anticipates using, in part, to further the exploration of the Florida Canyon and Lik projects and to potentially acquire additional mineral property assets. The fluctuations in precious metal and other commodity prices contribute to a challenging environment for mineral exploration and development, which has created opportunities as well as challenges for the potential acquisition of early-stage and advanced mineral exploration projects or other related assets at potentially attractive terms.

The accompanying interim condensed consolidated financial statements of Solitario for the three and nine months ended September 30, 2019 are unaudited and are prepared in accordance with accounting principles generally accepted in the United States of America (“generally accepted accounting principles”). They do not include all disclosures required by generally accepted accounting principles for annual financial statements, but in the opinion of management, include all adjustments, consisting only of normal recurring items, necessary for a fair presentation. Interim results are not necessarily indicative of results, which may be achieved in the future or for the full year ending December 31, 2019.

These financial statements should be read in conjunction with the financial statements and notes thereto which are included in Solitario’s Annual Report on Form 10-K for the year ended December 31, 2018. The accounting policies set forth in those annual financial statements are the same as the accounting policies utilized in the preparation of these financial statements, except as modified for appropriate interim financial statement presentation.

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*Recent Developments*

Royalty sale

On January 22, 2019, Solitario completed the sale of its interest in certain royalties to SilverStream SEZC, a private Cayman Island royalty and streaming company (“SilverStream”) for Cdn$600,000 (the “Royalty Sale”). The Royalty Sale covered (i) a royalty on the formerly Solitario-owned 125,000-acre polymetallic Pedra Branca palladium, platinum, gold, nickel, cobalt and chrome project in Brazil, (ii) a royalty covering 3,880 acres of non-producing exploration properties in Mexico, and (iii) a purchase option on 11 separate non-producing properties covering over 16,500 acres in Montana. On closing of the Royalty Sale, Solitario received Cdn$250,000 in cash and a convertible note from SilverStream in the principal amount of Cdn$350,000 (the “SilverStream Note”). The SilverStream Note is due December 31, 2019, accrues 5% per annum simple interest, payable on a quarterly basis, and is convertible into common shares of SilverStream, at the discretion of SilverStream, by providing Solitario a notice of conversion. Solitario recorded interest income of $3,000 and $9,000, respectively, from the SilverStream Note during the three and nine months ended September 30, 2019. SilverStream may only provide a notice of conversion if SilverStream has completed an initial public offering during the term of the SilverStream Note for minimum proceeds of Cdn$5,000,000, otherwise the SilverStream Note will be payable in cash at the maturity date. Pursuant to the terms of the SilverStream Note, if SilverStream were to complete an initial public offering and the SilverStream Note was converted, Solitario would receive common shares converted at 85% of the weighted average quoted price of a share of SilverStream common stock for the most recent 10-day period prior to the notice of conversion. During the nine months ended September 30, 2019, Solitario recorded mineral property revenue of $408,000 for the Royalty Sale, consisting of the fair value of the cash received on the date of the sale of $185,000 and the fair value of the SilverStream Note on the date of the sale of $263,000 less the carrying value of the royalties sold of $40,000. As of September 30, 2019, the approximate fair value of the SilverStream Note, including accrued interest, was $268,000, based upon the current US dollar / Canadian dollar exchange rate, and Solitario recorded a credit to exchange gain and loss of $1,000, included in general and administrative expense during the nine months ended September 30, 2019.

*Financial reporting*

The consolidated financial statements include the accounts of Solitario and its wholly owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. The consolidated financial statements are prepared in accordance with generally accepted accounting principles and are expressed in U.S. dollars.

*Revenue recognition*

Solitario has recorded revenue from the sale of exploration mineral properties and joint venture property payments. Solitario’s policy is to recognize revenue from the sale of its exploration mineral properties (those without reserves) on a property-by-property basis, computed as the cash received and / or expected collectable receivables less any capitalized cost. Payments received for the sale of exploration property interests that are less than the properties cost are recorded as a reduction of the related property's capitalized cost. In addition, Solitario’s policy is to recognize revenue on any receipts of joint venture property payments in excess of its capitalized costs on a property that Solitario may lease to another mining company.

Solitario has recognized revenue during the nine months ended September 30, 2019 of $408,000 related to the Royalty Sale, discussed above, in accordance with Accounting Standards Codification (“ASC”) 606. In addition, Solitario recorded revenue during the second quarter of 2018 of $502,000 from the sale of its former Yanacocha exploration mineral property. Solitario expects any property or asset sales in the future to be on an infrequent basis. Prior to the sale of its Yanacocha exploration mineral property, the last proceeds from joint venture property payments was in 2015 and Solitario does not expect to record joint venture property payments on any of its currently held properties for the foreseeable future.

*Use of estimates*

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Some of the more significant estimates included in the preparation of Solitario's financial statements pertain to: (i) Solitario’s carrying value of short-term investments; (ii) the recoverability of mineral properties related to its mineral exploration properties and their future exploration potential; (iii) the fair value of stock option grants to employees, to officers and directors and to others; (iv) the ability of Solitario to realize its deferred tax assets; (v) the collectability of the SilverStream Note; and (vi) Solitario's investment in marketable equity securities.

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In performing its activities, Solitario has incurred certain costs for mineral properties. The recovery of these costs is ultimately dependent upon the sale of mineral property interests or the development of economically recoverable ore reserves and the ability of Solitario or its joint venture partners to obtain the necessary permits and financing to successfully place the properties into production, and upon future profitable operations, none of which is assured.

*Cash equivalents*

Cash equivalents include investments in highly liquid money-market securities with original maturities of three months or less when purchased. As of September 30, 2019, $328,000 of Solitario’s cash and cash equivalents are held in brokerage accounts and foreign banks, which are not covered under the Federal Deposit Insurance Corporation (“FDIC”) rules for the United States.

*Short-term investments*

As of September 30, 2019, Solitario has $7,318,000 of its current assets in United States Treasury Securities (“USTS”) with remaining maturities of 30 days to 15 months. The USTS are recorded at their fair value, based upon quoted market prices, and are not covered under the FDIC insurance rules for United States deposits, with increases or decreases in fair market value recorded as interest income in the statement of operation in the period. Solitario’s USTS are highly liquid and may be sold in their entirety at any time at their quoted market price and are classified as a current asset.

*Mineral properties*

Solitario expenses all exploration costs incurred on its mineral properties prior to the establishment of proven and probable reserves through the completion of a feasibility study. Initial acquisition costs of its mineral properties are capitalized. Solitario regularly performs evaluations of its investment in mineral properties to assess the recoverability and/or the residual value of its investments in these assets. All long-lived assets are reviewed for impairment whenever events or circumstances change which indicate the carrying amount of an asset may not be recoverable, utilizing established guidelines based upon undiscounted future net cash flows from the asset or upon the determination that certain exploration properties do not have sufficient potential for economic mineralization.

*Leases*

Solitario accounts for its leases in accordance with ASC 842, *Leases* (“ASC 842”) by recognizing right-of-use assets and lease liabilities on the condensed consolidated balance sheet and disclosing key information about lease arrangements. Solitario has elected the practical expedient option to use January 1, 2019, the effective date of adoption of ASC 842, as the initial date of transition and not to restate comparative prior periods and to carry forward historical lease classification. In addition, Solitario has elected the option not to apply the recognition of assets and liabilities provisions of ASC 842 to operating leases of less than one year. See Note 4 “Operating Leases” for more information and disclosures regarding Solitario’s leases.

*Fair value*

ASC 820, *Fair Value measurement (“ASC 820”)* established a framework for measuring fair value of financial instruments and required disclosures about fair value measurements. For certain of Solitario's financial instruments, including cash and cash equivalents and accounts payable, the carrying amounts approximate fair value due to their short-term maturities. Solitario's short-term investments in USTS, its marketable equity securities, Vendetta Mining Corp. (“Vendetta”) Warrants (defined below in Note 3, “Marketable Equity Securities”) and any covered call options against those marketable equity securities are carried at their estimated fair value based on quoted market prices, and in the case of its Vendetta Warrants, based upon a Black Scholes model. See Note 6, “Fair Value,” below.

*Marketable equity securities*

Solitario's investments in marketable equity securities are carried at fair value, which is based upon quoted prices of the securities owned. Solitario records investments in marketable equity securities for investments in publicly traded marketable equity securities for which it does not exercise significant control and where Solitario has no representation on the board of directors of those companies and exercises no control over the management of those companies. The cost of marketable equity securities sold is determined by the specific identification method. Changes in fair value are recorded as unrealized gain or loss in the statement of operations.

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*Derivative instruments*

Solitario accounts for its derivative instruments in accordance with ASC 815, "Accounting for Derivative Instruments and Hedging Activities" (“ASC 815”). Solitario acquired its investment in Vendetta units, including the Vendetta Warrants during 2019. Solitario recorded the value of the Vendetta Warrants at their fair value as other assets on the consolidated balance sheet. Solitario has sold covered calls from time to time on its investment in Kinross Gold Corporation (“Kinross”) marketable equity securities. Solitario has not designated its sold covered calls as hedging instruments and any changes in the fair value of the sold covered calls and its Vendetta Warrants are recognized in the statement of operations in the period of the change as gain or loss on derivative instruments.

*Foreign exchange*

The United States dollar is the functional currency for all of Solitario's foreign subsidiaries. Although Solitario's South American exploration activities during 2018 and the first nine months of 2019 have been conducted primarily in Peru, a portion of the payments under the land, leasehold and exploration agreements of Solitario are denominated in United States dollars. Realized foreign currency gains and losses are included in the results of operations in the period in which they occur.

*Income taxes*

Solitario accounts for income taxes in accordance with ASC 740, “Accounting for Income Taxes” (“ASC 740”). Under ASC 740, income taxes are provided for the tax effects of transactions reported in the financial statements and consist of taxes currently due plus deferred taxes related to certain income and expenses recognized in different periods for financial and income tax reporting purposes. Deferred tax assets and liabilities represent the future tax return consequences of those differences, which will either be taxable or deductible when the assets and liabilities are recovered or settled. Deferred taxes are also recognized for operating losses and tax credits that are available to offset future taxable income and income taxes, respectively. A valuation allowance is provided if it is more likely than not that some portion or all of the deferred tax assets will not be realized.

*Accounting for uncertainty in income taxes*

ASC 740 clarifies the accounting for uncertainty in income taxes recognized in a company's financial statements. ASC 740 prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. ASC 740 also provides guidance on derecognition, classification, interest and penalties, accounting in interim periods, disclosure, and transition. ASC 740 provides that a company's tax position will be considered settled if the taxing authority has completed its examination, the company does not plan to appeal, and it is remote that the taxing authority would reexamine the tax position in the future.

*Earnings per share*

The calculation of basic and diluted earnings (loss) per share is based on the weighted average number of shares of common stock outstanding during the three and nine months ended September 30, 2019 and 2018. Potentially dilutive shares related to outstanding common stock options of 4,373,000 at September 30, 2019 and 4,025,228 at September 30, 2018 for Solitario common shares were excluded from the calculation of diluted earnings (loss) per share because the effects were anti-dilutive.

*Employee stock compensation and incentive plans*

Solitario classifies all of its stock options as equity options in accordance with the provisions of ASC 718, “Compensation – Stock Compensation.”

*Recent accounting pronouncements*

On January 1, 2019, Solitario adopted Accounting Standards Update No. 2016-02 *Leases* (“ASU 2016-02”) which requires the application of ASC 842 and the recognition of right-of-use assets and related liabilities associated with all leases that are not short-term in nature. As a result of the adoption of ASU 2016-02 on January 1, 2019, Solitario recorded both an operating lease asset for its Wheat Ridge, Colorado office of $82,000 and an operating lease liability of $82,000 related to the same lease. The adoption of ASU 2016-02 did not require the recording of any other assets or liabilities on our condensed consolidated balance sheets and had an immaterial effect on Solitario’s condensed consolidated statement of operations for the three and nine months ended September 30, 2019, and its condensed consolidated statement of cash flows for the nine months ended September 30, 2019. Solitario has elected the practical expedient option to use January 1, 2019, the effective date of adoption, as the initial date of transition and not to restate comparative prior periods and to carry forward historical lease classification. See Note 4, “Operating Leases” for more information and disclosures regarding Solitario’s leases.

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**2.        Mineral Property**

The following table details Solitario’s investment in Mineral Property:

|  |  |  |
| --- | --- | --- |
| (in thousands) | **September 30,** | **December 31,** |
|  | **2019** | **2018** |
| Exploration |  |  |
| Lik project (Alaska – US) | $15,611 | $15,611 |
| La Promesa (Peru) | 6 | 6 |
| Montana Royalty property (US) | - | 40 |
| Total exploration mineral property | $15,617 | $15,657 |

All exploration costs on our exploration properties, none of which have proven and probable reserves, including any additional costs incurred for subsequent lease payments or exploration activities related to our projects are expensed as incurred.

Royalty Sale

On January 22, 2019, Solitario completed the Royalty Sale, discussed above under “Recent Developments” to SilverStream for Cdn$600,000. On closing of the Royalty Sale, Solitario received Cdn$250,000 in cash and the SilverStream Note with a principal amount of Cdn$350,000, with a maturity date of December 31, 2019. During the nine months ended September 30, 2019, Solitario recorded mineral property revenue of $408,000 from the Royalty Sale, consisting of the fair value of the cash received on the date of the sale of $185,000 and the fair value of the SilverStream Note on the date of the sale of $263,000, less the carrying value of the royalties sold of $40,000.

Exploration expense

The following items comprised exploration expense:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (in thousands) | **Three months ended September 30,** | | **Nine months ended September 30,** | |
|  | **2019** | **2018** | **2019** | **2018** |
| Geologic and field expenses | $794 | $322 | $1,621 | $619 |
| Administrative | 21 | 22 | 59 | 67 |
| Total exploration costs | $815 | $344 | $1,680 | $686 |

Asset Retirement Obligation

In connection with the acquisition of its interest in the Lik project in 2017, Solitario has recorded an asset retirement obligation of $125,000 as of September 30, 2019 and December 31, 2018 for Solitario’s estimated reclamation cost of the existing disturbance at the Lik project. This disturbance consists of an exploration camp including certain drill sites and access roads at the camp. The estimate is based upon Solitario’s estimated cash costs for reclamation. Solitario has purchased a reclamation bond insurance policy for the bonding required by the State of Alaska, in the event Solitario or its 50% partner, Teck, do not complete any required reclamation.

Solitario has not applied a discount rate to the recorded asset retirement obligation as the estimated time frame for reclamation is not currently known, as reclamation is not expected to occur until the end of the Lik project life, which would follow future development and operations, the start of which cannot be estimated or assured at this time.

**3.**

**Marketable Equity Securities**

Solitario's investments in marketable equity securities are carried at fair value, which is based upon quoted prices of the securities owned. The cost of marketable equity securities sold is determined by the specific identification method. Changes in market value are recorded in the condensed consolidated statement of operations. During the three and nine months ended September 30, 2019, Solitario recorded an unrealized loss on marketable equity securities of $347,000 and $736,000, respectively. During the three and nine months ended September 30, 2018, Solitario recorded an unrealized loss on marketable equity securities of $74,000 and $737,000, respectively.

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The following tables summarize Solitario’s marketable equity securities and adjustments to fair value:

|  |  |  |
| --- | --- | --- |
| (in thousands) | **September 30,**  **2019** | **December 31,**  **2018** |
| Marketable equity securities at cost | $1,879 | $1,714 |
| Cumulative unrealized loss on marketable equity securities | (865) | (129) |
| Marketable equity securities at fair value | $1,014 | $1,585 |

The following table represents changes, including purchases and sales, in marketable equity securities during the three and nine months ended September 30, 2019 and 2018:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (in thousands) | **Three months endedSeptember 30,** | | **Nine months endedSeptember 30,** | |
|  | **2019** | **2018** | **2019** | **2018** |
| Purchase of Vendetta shares | $165 | $- | $165 | $- |
| Gross (loss) recorded in the statement of operations | (347) | (74) | (736) | (737) |
| Change in marketable equity securities at fair value | $(182) | $(74) | $(571) | $(737) |

Vendetta Warrants

On July 31, 2019, Solitario purchased 3,450,000 Vendetta units for total of $233,000. Each Vendetta unit consisted of one share of Vendetta common stock and one Vendetta warrant (the “Vendetta Warrants”). Each Vendetta Warrant entitles the holder to purchase one additional share of Vendetta common stock for a purchase price of Cdn$0.13 per share for a period of three years. The purchase of the units on July 31, 2019 increased Solitario’s holdings of Vendetta common shares to 14,450,000 shares. On the purchase date Solitario recorded marketable equity securities of $165,000 for the Vendetta shares acquired and $68,000 for the Vendetta Warrants based upon an allocation of the purchase price of the Vendetta units, based upon (i) the fair value of the Vendetta common shares received, based upon the quoted market price for Vendetta common shares and (ii) the fair value of Vendetta Warrants based upon a Black Scholes model, using the stock price of Cdn$0.09, volatility of 79%, a term of three years and a discount rate of 1.5%. During the three and nine months ended September 30, 2019, Solitario charged loss on derivative instruments $42,000 for the change in the value of the Vendetta Warrants.

Solitario did not sell any marketable equity securities during the three and nine months ended September 30, 2019 or 2018 and the change in the fair value of marketable equity securities was related to the purchase of the shares of common stock from the Vendetta units and the unrealized loss on marketable equity securities related to their fair values based upon quoted market prices for the marketable equity securities held by Solitario during the periods.

**4.        Operating Leases**

Solitario adopted ASU 2016-02 effective January 1, 2019 and accounts for its leases in accordance with ASC 842. Solitario leases one facility, its Wheat Ridge, Colorado administrative office (the “WR Lease”), that has a term of more than one year. Solitario has no other material operating lease costs. The WR Lease is classified as an operating lease and has a term of 17 months at September 30, 2019, with no renewal option. At September 30, 2019, the right-of-use office lease asset for the WR Lease is classified as other assets and the related liability separated between current and non-current office lease liabilities in the condensed consolidated balance sheet. Lease expense is recognized on a straight-line basis over the lease term, with variable lease payments recognized in the period those payments are incurred. During the three and nine months ended September 30, 2019, Solitario recognized $10,000 and $30,000, respectively, of non-cash lease expense for the WR Lease included in general and administrative expense. Cash lease payments of $10,000 and $27,000, respectively, were made on the WR Lease during the three and nine months ended September 30, 2019 and this amount, less $1,000 and $3,000, respectively, of imputed interest during the three and nine months ended September 30, 2019, reduced the related liability on the WR Lease. The discount rate within the WR Lease is not determinable and Solitario has applied a discount rate of 5% based upon Solitario’s estimate of its cost of capital.

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The maturities of Solitario’s lease liability for its WR Lease are as follows at September 30, 2019:

|  |  |
| --- | --- |
| (in thousands) |  |
| Lease payments per year |  |
| 2019 | $10 |
| 2020 | 42 |
| 2021 | 7 |
| Total lease payments | 59 |
| Less amount of payments representing interest | (2) |
| Present value of lease payments | $57 |

The following is supplemental cash flow information related to our operating lease for the nine months ended September 30, 2019:

|  |  |
| --- | --- |
| (in thousands) | **Nine months ended**  **September 30,**  **2019** |
|  |  |
| Cash paid for amounts included in the measurement of lease liabilities |  |
| Operating cash outflows from WR Lease payments | $27 |
| Non-cash amounts related to the WR lease |  |
| Leased assets recorded in exchange for new operating lease liabilities | $82 |

**5        Other Assets**

The following items comprised other assets:

|  |  |  |
| --- | --- | --- |
| (in thousands) | **September 30,** | **December 31** |
|  | **2019** | **2018** |
| Furniture and fixtures, net of accumulated depreciation | $39 | $36 |
| Lik project equipment, net of accumulated depreciation | 55 | 70 |
| Exploration bonds and other assets | 4 | 4 |
| Vendetta Warrants | 27 | - |
| Office lease asset | 54 | - |
| Total other assets | $179 | $110 |

**6.        Fair Value**

Solitario accounts for its financial instruments under ASC 820. For certain of Solitario’s financial instruments, including cash and cash equivalents and payables, the carrying amounts approximate fair value due to their short-term maturities. Solitario’s short-term investments in USTS, marketable equity securities and Kinross calls are carried at their estimated fair value primarily based on quoted market prices. The Vendetta Warrants are carried at their fair value based upon a Black-Scholes model. During the three and nine months ended September 30, 2019 there were no reclassifications in financial assets or liabilities between Level 1, 2 or 3 categories.

The following is a listing of Solitario’s financial assets and liabilities required to be measured at fair value on a recurring basis and where they are classified within the hierarchy as of September 30, 2019:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (in thousands) | **Level 1** | **Level 2** | **Level 3** | **Total** |
| **Assets** |  |  |  |  |
| Short-term investments | $7,318 | $- | $- | $7,318 |
| Marketable equity securities | $1,014 | $- | - | $1,014 |
| Vendetta Warrants | $- | $27 | $- | $27 |
| **Liabilities** |  |  |  |  |
| Kinross calls | $- | $4 | $- | $4 |

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The following is a listing of Solitario’s financial assets and liabilities required to be measured at fair value on a recurring basis and where they are classified within the hierarchy as of December 31, 2018:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (in thousands) | **Level 1** | **Level 2** | **Level 3** | **Total** |
| **Assets** |  |  |  |  |
| Short-term investments | $10,223 | $- | $- | $10,223 |
| Marketable equity securities | $1,585 | $- | $- | $1,585 |

**7.        Income Taxes**

Solitario accounts for income taxes in accordance with ASC 740. Under ASC 740, income taxes are provided for the tax effects of transactions reported in the financial statements and consist of taxes currently due plus deferred taxes related to certain income and expenses recognized in different periods for financial and income tax reporting purposes. Deferred tax assets and liabilities represent the future tax return consequences of those differences, which will either be taxable or deductible when the assets and liabilities are recovered or settled. Deferred taxes are also recognized for operating losses and tax credits that are available to offset future taxable income and income taxes, respectively. A valuation allowance is provided if it is more likely than not that some portion or all of the deferred tax assets will not be realized.

At September 30, 2019 and December 31, 2018, a valuation allowance has been recorded, which fully offsets Solitario’s net deferred tax assets, because it is more likely than not that the Company will not realize some portion or all of its deferred tax assets.  The Company continually assesses both positive and negative evidence to determine whether it is more likely than not that the deferred tax assets can be realized prior to their expiration.

During the three and nine months ended September 30, 2019 and 2018, Solitario recorded no current or deferred tax expense.

**8.**

**Commitments and contingencies**

Solitario has recorded an asset retirement obligation of $125,000 related to its Lik project in Alaska. See Note 2, “Mineral Property,” above.

**9.**

**Employee Stock Compensation Plans**

On June 18, 2013, Solitario’s shareholders approved the 2013 Solitario Exploration & Royalty Corp. Omnibus Stock and Incentive Plan (the “2013 Plan”). Under the terms of the 2013 Plan, a total of 1,750,000 shares of Solitario common stock were reserved for awards to directors, officers, employees and consultants. On June 29, 2017, Solitario’s shareholders approved an amendment to the 2013 Plan, which increased the number of shares of common stock available for issuance under the 2013 Plan from 1,750,000 to 5,750,000. Awards granted under the 2013 Plan may take the form of stock options, stock appreciation rights, restricted stock, and restricted stock units. The terms and conditions of the awards are pursuant to the 2013 Plan and are granted by the Board of Directors or a committee appointed by the Board of Directors.

As of September 30, 2019, and December 31, 2018 there were options outstanding that are exercisable to acquire 4,373,000 and 5,223,160 shares, respectively, of Solitario common stock, with exercise prices between $0.28 and $0.77 per share. During the three months ended September 30, 2019, Solitario did not grant any additional options. During the nine months ended September 30, 2019, Solitario granted options exercisable to acquire 150,000 shares of common stock, with an exercise price of $0.28 per share, a five-year term, and a grant date fair value of $23,000 based upon a Black-Scholes model, with a 64% volatility and a 2.4% risk-free interest rate. In addition, during the nine months ended September 30, 2019, options exercisable to acquire 1,000,160 shares of common stock, with exercise prices between $1.68 and $0.70 per share, expired unexercised. During the three and nine months ended September 30, 2018, Solitario granted options exercisable to acquire 100,000 shares of common stock, respectively, with an exercise price of $0.68 per share, a seven-month term and a grant date fair value of $12,000 based upon a Black-Scholes model with a 66% volatility and a 1% risk-free interest rate. There were no exercises of options under the 2013 Plan during the three and nine months ended September 30, 2019 and 2018. During the three and nine months ended September 30, 2019, Solitario recorded stock option compensation expense of $85,000 and $258,000, respectively. During the three and nine months ended September 30, 2018, Solitario recorded non-cash stock option compensation expense of $68,000 and $510,000, respectively.

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At September 30, 2019, the total unrecognized stock option compensation cost related to non-vested options is $402,000 and is expected to be recognized over a weighted average period of 17 months.

**10.        Shareholders’ Equity**

Shareholders’ Equity for the nine months ended September 30, 2018:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| (in thousands, except |  |  |  |  | **Accumulated** |  |
| Share amounts) | **Common** | **Common** | **Additional** |  | **Other** | **Total** |
|  | **Stock** | **Stock** | **Paid-in** | **Accumulated** | **Comprehensive** | **Shareholders’** |
|  | **Shares** | **Amount** | **Capital** | **Deficit** | **Income** | **Equity** |
| **Balance at December 31, 2017** | **58,434,566** | **584** | **$69,312** | **$(40,343)** | **$576** | **$30,129** |
| Cumulative-effect adjustment change in accounting principle | **-** | **-** | **-** | 576 | (576) | **-** |
| **Adjusted balance January 1, 2018** | **58,434,566** | **584** | **69,312** | **(39,767)** | **-** | **30,129** |
| Stock option expense | **-** | **-** | **510** | **-** | **-** | 510 |
| Purchase of shares for cancellation | (173,200) | (1) | (74) | - | - | (75) |
| Net loss | - | - | - | (2,340) | - | (2,340) |
| **Balance at September 30, 2018** | **58,261,366** | **$583** | **$69,748** | **$(42,107)** | **$-** | **$28,224** |

Solitario adopted Accounting Standards Update No. 2016-01 *Recognition and Measurement of Financial Assets and Financial Liabilities* (“ASU 2016-01”) in the first quarter of 2018. ASU No. 2016-01 revised the classification and measurement of investment in certain equity investments and the presentation of certain fair value changes for certain financial liabilities measured at fair value. ASU No. 2016-01 requires the change in fair value of many equity investments to be recognized in net income. Solitario recorded a cumulative-effect adjustment for the change in accounting principle to retained earnings of $576,000 related to the adoption of ASU 2016-01.

Shareholders’ Equity for the nine months ended September 30, 2019:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| (in thousands, except |  |  |  |  |  |
| Share amounts) | **Common** | **Common** | **Additional** |  | **Total** |
|  | **Stock** | **Stock** | **Paid-in** | **Accumulated** | **Shareholders’** |
|  | **Shares** | **Amount** | **Capital** | **Deficit** | **Equity** |
| **Balance at December 31, 2018** | **58,171,466** | **582** | **$69,873** | **$(43,365)** | **$27,090** |
| Stock option expense | **-** | **-** | **258** | **-** | 258 |
| Purchase of shares for cancellation | (36,100) | (1) | (11) | - | (12) |
| Net loss | - | - | - | (2,923) | (2,923) |
| **Balance at September 30, 2019** | **58,135,366** | **$581** | **$70,120** | **$(46,288)** | **$24,413** |

Share Repurchase Program

On October 28, 2015, Solitario’s Board of Directors approved a share repurchase program that authorized Solitario to purchase up to two million shares of its outstanding common stock. During 2018, Solitario’s Board of Directors extended the expiration date of the share repurchase program through December 31, 2019. During the three months ended September 30, 2019 and 2018, Solitario purchased 2,900 and 28,000 shares of Solitario common stock, respectively, for an aggregate purchase price of $1,000 and $10,000, respectively. During the nine months ended September 30, 2019 and 2018, Solitario purchased 36,100 and 173,200 shares of Solitario common stock, respectively, for an aggregate purchase price of $12,000 and $75,000, respectively. As of September 30, 2019, Solitario has purchased a total of 967,000 shares for an aggregate purchase price of $461,000 under the share repurchase program since its inception.

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Item 2.   Management’s Discussion and Analysis of Financial Condition and Results of Operations

The following discussion should be read in conjunction with the information contained in the consolidated financial statements of Solitario for the years ended December 31, 2018 and 2017, and Management’s Discussion and Analysis of Financial Condition and Results of Operations contained in Solitario’s Annual Report on Form 10-K for the year ended December 31, 2018. Solitario's financial condition and results of operations are not necessarily indicative of what may be expected in future periods. Unless otherwise indicated, all references to dollars are to U.S. dollars.

**(a) Business Overview and Summary**

We are an exploration stage company under Industry Guide 7, as issued by the SEC, with a focus on the acquisition of precious and base metal properties with exploration potential and the development or purchase of royalty interests. Currently our primary focus is the acquisition and exploration of zinc-related exploration mineral properties. However, we will continue to evaluate other mineral properties for acquisition, and we hold a portfolio of mineral exploration properties and assets for future sale, joint venture or to create a royalty prior to the establishment of proven and probable reserves. Although our mineral properties may be developed in the future by us, through a joint venture or by a third party, we have never developed a mineral property. In addition to focusing on our current mineral exploration properties, we also from time to time evaluate potential strategic transactions for the acquisition of new precious and base metal properties and assets with exploration potential.

Our current geographic focus for the evaluation of potential mineral property assets is in North and South America; however, we have conducted property evaluations for potential acquisition in other parts of the world. At September 30, 2019, we consider our carried interest in the Florida Canyon project in Peru and our interest in the Lik project in Alaska to be our core mineral property assets. In addition, at September 30, 2019, we have one exploration property in Peru. We are conducting independent exploration activities in Peru and through joint ventures operated by our partners in Peru and the United States. We conduct potential acquisition evaluations in other countries located in South and North America.

We have recorded revenue in the past from the sale of mineral properties, including the Royalty Sale in January 2019 and the sale in June 2018 of our interest in the royalty on the Yanacocha property. In addition, we have received proceeds from the sale in 2015 of our former interest in MH-LLC the owner of our former Mt. Hamilton project, and joint venture property payments and the sale of a royalty on our former Mt. Hamilton project. Revenues and / or proceeds from the sale or joint venture of properties or assets, although generally significant when they have occurred in the past, have not been a consistent source of revenue and would only occur in the future, if at all, on an infrequent basis. We have reduced our exposure to the costs of our exploration activities in the past through the use of joint ventures. Although we anticipate that the use of joint venture funding for some of our exploration activities will continue for the foreseeable future, we can provide no assurance that these or other sources of capital will be available in sufficient amounts to meet our needs, if at all.

As of September 30, 2019, we have significant balances of cash and short-term investments that we anticipate using, in part, to (i) further the development of the Lik project, (ii) fund exploration at the Florida Canyon project, and conduct reconnaissance exploration and (iii) potentially acquire additional mineral property assets. The fluctuations in precious metal and other commodity prices contribute to a challenging environment for mineral exploration and development, which has created opportunities as well as challenges for the potential acquisition of advanced mineral exploration projects or other related assets at potentially attractive terms.

**(b) Results of Operations**

Comparison of the quarter ended September 30, 2019 to the quarter ended September 30, 2018

We had a net loss of $1,480,000 or $0.03 per basic and diluted share for the three months ended September 30, 2019 compared to a net loss of $723,000 or $0.01 per basic and diluted share for the three months ended September 30, 2018. As explained in more detail below, the primary reasons for the increase in the net loss in the three months ended September 30, 2019 compared to the net loss in the three months ended September 30, 2018 were (i) an increase in exploration expense to $815,000 during the three months ended September 30, 2019, primarily related to the drilling completed by Nexa at the Florida Canyon project, compared to $344,000 in exploration expense during the three months ended September 30, 2018, when we were primarily doing reconnaissance exploration; (ii) an unrealized loss on marketable equity securities of $347,000 during the three months ended September 30, 2019 compared to an unrealized loss on marketable equity securities of $74,000 during the three months ended September 30, 2018; and (iii) the recording of a loss on derivative instruments of $36,000 during the three months ended September 30, 2019 with no similar item during the three months ended September 30, 2018. Partially offsetting the above items, which increased the net loss, was a decrease in general and administrative expense to $319,000 during the three months ended September 30, 2019 compared to general and administrative expense of $344,000 during the three months ended September 30, 2018. Each of the major components of these items is discussed in more detail below.

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Our net exploration expense increased to $815,000 during the three months ended September 30, 2019 compared to exploration expense of $344,000 during the three months ended September 30, 2018. During the three months ended September 30, 2019, Nexa exceeded the third and final required total drilling target of 5,100 meters of the 2018/2019 exploration and drilling program at the Florida Canyon project. Solitario was responsible for a total of $1,580,000 of the total drilling costs incurred by Nexa for the 2018/2019 exploration and drilling program, of which Solitario had previously paid $1,053,000 prior to the three months ended September 30, 2019. Upon Nexa’s completion of the third drilling target during the three months ended September 30, 2019, Solitario paid $527,000, charged to exploration expense for its final payment on its $1,580,000 commitment obligation with regard to the 2018/2019 exploration and drilling program. Nexa will be responsible for any additional costs related to the 2018/2019 exploration and drilling program, which is expected to be completed during the fourth quarter of 2019. During the three months ended September 30, 2018, there was no similar item charged to exploration expense compared to the $527,000 of Florida Canyon exploration expense charged during the three months ended September 30, 2019. In addition, we incurred $147,000 of exploration expense at our Lik project in Alaska during the three months ended September 30, 2019 compared to Lik project expenditures of $208,000 during the three months ended September 30, 2018. The Lik project is located in Alaska and the majority of the exploration expense on this project occurs during the second and third quarters of the year due to weather conditions. In addition, we incurred $31,000 of exploration expense related to permitting and site work at our La Promesa project in Peru during the three months ended September 30, 2019, compared to $5,000 of exploration expense at La Promesa during the three months ended September 30, 2018 as we were working on drilling permits and approvals during 2019, with no similar activity during the three months ended September 30, 2018. During the three and nine months ended September 30, 2019, we had three contract geologists in Peru, and our Denver personnel spent a majority of their time on reconnaissance exploration activities described above and related administrative matters. As a result of the completion of our exploration and drilling commitment at Florida Canyon during the third quarter of 2019, and the anticipated seasonal wind-down of activities at the Lik project during the fourth quarter of 2019, we expect our remaining exploration expenditures will be at a reduced level for the remainder of 2019; however our full-year exploration expenditures for 2019 are expected to exceed the expenditures for full-year 2018.

Exploration expense (in thousands) by project for the three and nine months ended September 30, 2019 and 2018 consisted of the following:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Three months ended**  **September 30,** | | **Nine months ended**  **September 30,** | |
| Project Name | **2019** | **2018** | **2019** | **2018** |
| Florida Canyon | $535 | $2 | $1,070 | $23 |
| Lik | 147 | 208 | 190 | 233 |
| La Promesa | 31 | 5 | 90 | 57 |
| Reconnaissance | 102 | 129 | 330 | 373 |
| Total exploration expense | $815 | $344 | $1,680 | $686 |

General and administrative costs, excluding stock option compensation costs, discussed below, were $234,000 during the three months ended September 30, 2019 compared to $276,000 during the three months ended September 30, 2018. The major components of these costs were related to (i) salaries and benefit expense of $108,000 during the three months ended September 30, 2019 compared to salary and benefit costs of $155,000 during the three months ended September 30, 2018, as we have reduced staff and taken salary reductions during 2019; (ii) legal and accounting expenditures of $40,000 in the three months ended September 30, 2019 compared to $17,000 during the three months ended September 30, 2018; (iii) directors and officer insurance costs of $14,000 during the three months ended September 30, 2019 compared to $15,000 during the three months ended September 30, 2018; (iv) office and other expenses of $33,000 during the three months ended September 30, 2019, compared to $34,000 during the three months ended September 30, 2018; and (v) travel and shareholder relation costs of $38,000 during the three months ended September 30, 2019 compared to $54,000 during the three months ended September 30, 2018. We anticipate the general and administrative costs will be incurred at comparable quarterly amounts for the remainder of 2019.

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We recorded $85,000 of non-cash stock option expense for the amortization of unvested grant date fair value with a credit to additional paid-in-capital during the three months ended September 30, 2019 compared to $68,000 of stock option compensation expense during the three months ended September 30, 2018. The increase was primarily related to additional stock options being outstanding, from grants made at the end of 2018 and during the first quarter of 2019, which increased the amortization costs during the three and nine months of 2019 compared to 2018. We anticipate our stock option expense related to vesting of grant date fair value for the remainder of 2019 will be comparable to the rate of expense incurred through September 30, 2019.

We recorded an unrealized loss on marketable equity securities of $347,000 during the three months ended September 30, 2019 compared to an unrealized loss on marketable equity securities of $74,000 during the three months ended September 30, 2018. The loss during each of the three months ended September 30, 2019 and 2018 was primarily related to a decrease in the value of our holdings of shares of Vendetta common stock. During the three months ended 2019 we acquired an additional 3,450,000 shares of Vendetta common stock, through the purchase of 3,450,000 Vendetta units, for an allocated cost of $165,000 (See Note 3, “Marketable Equity Securities,” to the unaudited condensed financial statements). At September 30, 2019, we own a total of 14,450,000 shares of Vendetta common stock. The fair value of the Vendetta shares, based on quoted market prices, decreased to $546,000 and $1,617,000, respectively, at September 30, 2019 and 2018 compared to fair values of $800,000 and $1,589,000, respectively at June 30, 2019 and 2018. Partially offsetting this loss on marketable equity securities, during the three months ended September 30, 2019, the value of our holdings of 100,000 shares of Kinross Gold Corp (“Kinross”) common stock increased in value based upon quoted market prices by $72,000. However, during the three months ended September 30, 2018, we recorded a loss on marketable equity securities related to our holdings of Kinross common stock of $102,000.

We recorded a loss on derivative instruments of $36,000 during the three months ended September 30, 2019 primarily related to a loss on our Vendetta Warrants of $42,000 based upon a Black-Scholes model. This loss in value of the Vendetta Warrants was primarily related to a reduction in the price per share of Vendetta common stock, which was Cdn$0.09 per share when Solitario acquired the Vendetta Warrants and was Cdn$0.05 on September 30, 2019. Partially offsetting this decrease was a gain of $6,000 on certain Kinross covered call options we sold during the third quarter of 2019. There were no outstanding derivative instruments during the three and nine months ended September 30, 2018.

We recorded interest income of $43,000 during the three months ended September 30, 2019 compared to interest income of $46,000 during the three months ended September 30, 2018 primarily due to a decrease in the balance of short-term investments in USTS earning interest during the three months ended September 20, 2019 compared to balance of short-term investments during the three months ended September 30, 2018. We anticipate our interest income for the remainder of 2019 will decrease compared to the amount of interest income recorded in prior quarters of 2019 as our balance of short-term investments is lower. See a discussion of liquidity and capital resources below.

We regularly perform evaluations of our mineral property assets to assess the recoverability of our investments in these assets. All long-lived assets are reviewed for impairment whenever events or circumstances change which indicate the carrying amount of an asset may not be recoverable utilizing guidelines based upon future net cash flows from the asset as well as our estimates of the geological potential of an early stage mineral property and its related value for future sale, joint venture or development by us or others. During the three and nine months ended September 30, 2019 and 2018, we recorded no property impairments.

At September 30, 2019 and 2018, our net operating loss carryforwards exceeded our taxable gains resulting in a net tax asset position for which we provide a valuation allowance for all net deferred tax assets. We recorded no income tax expense or benefit during the three and nine months ended September 30, 2019 or 2018. As a result of our exploration activities, we anticipate we will not have currently payable income taxes during 2019. In addition to the valuation allowance discussed above, we provide a valuation allowance for our foreign net operating losses, which are primarily related to our exploration activities in Peru. We anticipate we will continue to provide a valuation allowance for these net operating losses until we are in a net tax liability position with regards to those countries where we operate or until it is more likely than not that we will be able to realize those net operating losses in the future.

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Comparison of the nine months ended September 30, 2019 to the nine months ended September 30, 2018

We had a net loss of $2,923,000 or $0.05 per basic and diluted share for the nine months ended September 30, 2019 compared to a net loss of $2,340,000 or $0.04 per basic and diluted share for the nine months ended September 30, 2018. As explained in more detail below, the primary reasons for the increase in our net loss were (i) an increase in our exploration expense to $1,680,000 during the nine months ended September 30, 2019 compared to exploration expense of $686,000 during the nine months ended September 30, 2018; and (ii) an increase in loss on derivative instruments of $36,000 during the nine months ended September 30, 2019 with no comparable expense during the nine months ended September 30, 2018. Partially offsetting these increases in expenses were (i) a decrease in general and administrative costs to $1,065,000 during the nine months ended September 30, 2019 compared to general and administrative costs of $1,509,000 during the nine months ended September 30, 2018; (ii) a reduction in our revenue, net mineral property sale to $408,000 during the nine months ended September 30, 2019 compared to revenue of $502,000 during the nine months ended September 30, 2018; and (iii) an increase in interest income to $205,000 for the nine months ended September 30, 2019 compared to interest income of $109,000 during the nine months ended September 30, 2018. The significant changes for these items and the other major components of our net loss are discussed in more detail below.

During the nine months ended September 30, 2019, we completed the Royalty Sale and recorded net revenues of $408,000. During the nine months ended September 30, 2018 we sold our interest in our Yanacocha royalty property to Newmont Mining Corporation for $502,000 in cash, discussed in “Recent Developments” in our Annual Report on Form 10-K for the year ended December 31, 2018. We do not anticipate additional significant property asset sales during the remainder of 2019.

Our net exploration expense increased to $1,680,000 during the nine months ended September 30, 2019 compared to $686,000 during the nine months ended September 30, 2018. The primary reason for the increase was the recording of $1,053,000 of exploration expense for the completion of drilling by Nexa in excess of a 5,100-meter total threshold of the 2018/2019 exploration and drilling program at the Florida Canyon project during the first nine months of 2019, discussed above. Solitario and Nexa had not started the 2018/2019 drilling program during the nine months ended September 30, 2018 and as a result there was no comparable expense to the 2019 Florida Canyon expense during 2018. In addition, during the nine months ended September 30, 2019 Solitario’s share of the exploration work at our Lik property in Alaska, which is operated by our joint venture partner Teck, was $190,000 compared to $233,000 during 2018. We also spent $90,000 at our La Promesa project in Peru during the nine months ended September 30, 2019 compared to $57,000 during the nine months ended September 30, 2018. With the final payment of Solitario’s commitment for the 2018/2019 drilling program at Florida Canyon, and the wrap-up of the 2019 exploration program at Lik in Alaska during the third quarter of 2019, we do not expect to incur exploration expense during the remainder of 2019 at the rate of expenditures incurred through the first nine months of 2019.

General and administrative costs, excluding stock option compensation costs discussed below, were $807,000 during the nine months ended September 30, 2019 compared to $999,000 during the nine months ended September 30, 2018. The major components of the costs were (i) salaries and benefit expense during the nine months ended September 30, 2019 of $323,000 compared to salaries and benefit expense of $474,000 during the nine months ended September 30, 2018 as a result of personnel and salary reductions; (ii) legal and accounting expenditures of $146,000 during the nine months ended September 30, 2019, compared to $143,000 during the nine months ended September 30, 2018; (iii) D&O insurance costs of $43,000 during the nine months ended September 30, 2019 compared to $45,000 during the nine months ended September 30, 2018; (iv) office and other costs of $85,000 during the nine months ended September 30, 2019 compared to $93,000 during the nine months ended September 30, 2018; and (v) travel and shareholder relation costs of $209,000 during the nine months ended September 30, 2019 compared to $243,000 during the nine months ended September 30, 2018.

During the nine months ended September 30, 2019 and 2018, Solitario recorded $258,000 and $510,000, respectively, of stock option expense for the amortization of unvested grant date fair value with a credit to additional paid-in capital. The large decrease in expense during the nine months ended September 30, 2019 was related to $422,000 of stock option expense recorded during the nine months ended September 30, 2018 for the conditional options approved in June 2018 and discussed in Note 10, “Employee Stock Compensation Plans” to our audited financial statements for the year ended December 31, 2018 in our Annual Report on Form 10-K. We anticipate our stock option compensation expense for the remainder of 2019 will be at a similar rate to the expense incurred through September 2019, pending the grant of any options.

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We recorded an unrealized loss on marketable equity securities of $736,000 during the nine months ended September 30, 2019 compared to an unrealized loss on marketable equity securities of $737,000 during the nine months ended September 30, 2018. The non-cash unrealized loss during the nine months ended September 30, 2019 and 2018 was primarily related to a decrease in the value of our holdings of shares of Vendetta common stock, even though our holdings of Vendetta common stock increased from 11,000,000 shares of Vendetta common stock to 14,450,000 shares of Vendetta common stock. During the three months ended September 30, 2019 we acquired an additional 3,450,000 shares of Vendetta common stock, through the purchase of 3,450,000 Vendetta units, for an allocated cost of $165,000 (See Note 3, “Marketable Equity Securities,” to the unaudited condensed financial statements). The fair value of our Vendetta shares decreased from a fair value of $1,249,000 and 2,191,000, respectively, at December 31, 2018 and 2017 to a fair value of $546,000 and $1,617,000, respectively, at September 30, 2019 and 2018 based on quoted market prices. This reduction in value of our Vendetta shares during 2019 was partially offset by an increase in the value of our holdings of Kinross common stock, which increased in fair value, based upon quoted market prices, by $132,000 during the nine months ended September 30, 2019. We may look to reduce our holdings of marketable equity securities as a source of cash flow over the next year, which may reduce the volatility of the changes in unrealized gains and losses in marketable equity securities during the remainder of 2019.

During the nine months ended September 30, 2019 our interest income on short-term investments increased to $205,000 compared to interest income of $109,000 for the nine months ended September 30, 2018 primarily as a result of the effects of lower interest rates on the quoted market price of our USTS holdings as well as a slightly increased average interest rate received on USTS invested during 2019 compared to 2018. We anticipate as we utilize our short-term investments to provide funds for exploration and general and administrative expenses, our interest income will be reduced during the remainder of 2019.

**(c) Liquidity and Capital Resources**

Cash and Short-term Investments

As of September 30, 2019, we have $7,653,000 in cash and short-term investments. As of September 30, 2019, we have invested $7,318,000 of our current assets in USTS with remaining maturities of 30 days to 15 months. The USTS are recorded at their fair value, based upon quoted market prices. We anticipate we will roll over that portion of our USTS not used for exploration expenditures, operating costs or mineral property acquisitions as they become due during the remainder of 2019.

We intend to utilize a portion of our cash and short-term investments in our exploration activities and the potential acquisition of mineral assets over the next several years. We also expect to use a portion of our cash to repurchase shares of our common stock pursuant to the terms of a stock buy-back program announced on October 28, 2015, and discussed above in Note 10, “Shareholders’ Equity,” to the unaudited consolidated financial statements. The stock buy-back program may be terminated at any time and does not require Solitario to purchase a minimum number of shares.

Investment in Marketable Equity Securities

Our marketable equity securities are carried at fair value, which is based upon market quotes of the underlying securities. At September 30, 2019 we own 14,450,000 shares of Vendetta common stock and 100,000 shares of Kinross common stock. The Vendetta shares are recorded at their fair market value of $546,000 and the Kinross shares are recorded at their fair value of $460,000 at September 30, 2019. In addition, we own other marketable equity securities with a fair market value of $8,000 at September 30, 2019. During the three months ended 2019 we acquired an additional 3,450,000 shares of Vendetta common stock, through the purchase of 3,450,000 Vendetta units, for an allocated cost of $165,000 (See Note 3, “Marketable Equity Securities,” to the unaudited condensed financial statements) to bring our ownership of Vendetta shares of common stock to 14,450,000 shares. We did not sell any of our marketable equity securities during the three and nine months ended September 30, 2019 or 2018.

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Working Capital

We had working capital of $8,759,000 at September 30, 2019 compared to working capital of $11,448,000 as of December 31, 2018. Our working capital at September 30, 2019 consists primarily of our cash and cash equivalents, our investment in USTS and our investment in marketable equity securities of $1,014,000, other current assets of $324,000, which include the SilverStream Note of $268,000 at September 30, 2019, less our current liabilities of $232,000, which consist of accounts payable and the current portion of our operating lease liability. As of September 30, 2019, our cash balances along with our short-term investments and marketable equity securities are adequate to fund our expected expenditures over the next year.

The nature of the mineral exploration business requires significant sources of capital to fund exploration, development and operation of mining projects. We will need additional capital if we decide to develop or operate any of our current exploration projects or any projects or assets we may acquire. We anticipate we would finance any such development through the use of our cash reserves, short-term investments, joint ventures, issuance of debt or equity, or the sale of other exploration projects or assets.

Stock-Based Compensation Plans

As of September 30, 2019, and December 31, 2018 there were options outstanding that are exercisable to acquire 4,373,000 and 5,223,160 shares of Solitario common stock, respectively, with exercise prices between $0.77 per share and $0.28 per share. We do not anticipate the exercise of options to be a significant source of cash flow during the remainder of 2019.

Share Repurchase Program

On October 28, 2015, our Board of Directors approved a share repurchase program that authorized us to purchase up to two million shares of our outstanding common stock. During 2018, our Board of Directors extended the term of the share repurchase program until December 31, 2019. All shares purchased to date have been cancelled and reduced the number of shares of outstanding common stock. The amount and timing of any shares purchased has been and will be determined by our management and the purchases will be effected in the open market or in privately negotiated transactions based upon market conditions and other factors, including price, regulatory requirements and capital availability and in compliance with applicable state and federal securities laws. Purchases may also be made in accordance with Rule 10b-18 of the Securities Exchange Act of 1934, as amended (the “1934 Act”). The repurchase program does not require the purchase of any minimum number of shares of common stock by the Company, and may be suspended, modified or discontinued at any time without prior notice. No purchases will be made outside of the United States, including on the TSX. Payments for shares of common stock repurchased under the program have been funded using the Company’s working capital. As of September 30, 2019, Solitario has purchased a total of 967,000 shares for an aggregate purchase price of $461,000 under the share repurchase program since its inception and these shares are no longer included in our issued and outstanding shares. We anticipate we will continue to purchase a limited number of shares under the share repurchase plan during the remainder of 2019 as determined by management.

**(d) Cash Flows**

Net cash used in operations during the nine months ended September 30, 2019 increased to $2,385,000 compared to $1,014,000 during the nine months ended September 30, 2018 primarily as a result of (i) the cash outflows of $1,580,000 for the Nexa drilling exploration expense, of which $527,000 was incurred during 2018, and paid during 2019, with the remaining amount of 1,053,000 incurred and paid during 2019, with no comparable exploration cash use during the nine months ended September 30, 2018; and (ii) the receipt of $185,000 in cash on the mineral property revenue related to the Royalty Sale, compared to the receipt of $502,000 in cash from the Yanacocha royalty property sale, discussed above, during 2018. The remainder of the Royalty Sale revenue of $263,000 was recorded upon receipt of the SilverStream Note. Partially offsetting these increases in usages of operating cash were (i) a decrease in non-stock option general and administrative expense to $807,000 during the nine months ended September 30, 2019 compared to $999,000 during the nine months ended September 30, 2018, discussed above; and (ii) an increase in cash interest income during the nine months ended September 30, 2019 compared to the nine months ended September 30, 2018. Based upon projected expenditures in our 2019 budget, we anticipate continued use of funds from operations through the remainder of 2019, however at a reduced rate from that incurred during the nine months ended September 30, 2019. See “Results of Operations” discussed above for further explanation of some of these variances.

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During the nine months ended September 30, 2019, $2,615,000 in cash was provided from investing activities compared to the provision of $1,057,000 of cash from investing activities during the nine months ended September 30, 2018. The primary sources of cash related to the net proceeds from short-term investment sales and purchases of $2,844,000 and $1,068,000, respectively, during the nine months ended September 30, 2019 and 2018. During the nine months ended September 30, 2019 we purchased $6,000 of office equipment and we purchased the Vendetta units, which included the Vendetta Warrants for $233,000, as discussed above. We do not anticipate significant sales of marketable equity securities during the remainder of 2019. However, we will continue to liquidate a portion of our investments in USTS as needed to fund our operations and potential mineral property acquisitions during the remainder of 2019. Any potential mineral property acquisition or strategic corporate investment during the remainder of 2019, discussed above under “Business Overview and Summary,” could involve a significant change in our cash provided or used for investing activities, depending on the structure of any potential transaction.

We used $12,000 and $75,000, respectively, in financing activities for the purchase of our common stock during the nine months ended September 30, 2019 and 2018, as discussed above under “Share Repurchase Program” in “Liquidity and Capital Resources.” We anticipate the use of funds for additional purchases of our common stock during the remainder of 2019; however, this will be limited to the maximum number of shares, permissible under the share repurchase program.

**(e) Off-balance sheet arrangements**

As of September 30, 2019, and December 31, 2018 we have no off-balance sheet obligations.

**(f) Development Activities, Exploration Activities, Environmental Compliance and Contractual Obligations**

We are not involved in any development activities, nor do we have any contractual obligations related to any potential development activities as of September 30, 2019. As of September 30, 2019, there have been no changes to our exploration activities, environmental compliance or other contractual obligations from those disclosed in our Management’s Discussion and Analysis of Financial Condition and Results of Operations included in our Annual Report on Form 10-K for the year ended December 31, 2018.

**(g) Discontinued Projects**

We sold our Brazil, Mexico and Montana royalty properties during the nine months ended September 30, 2019 in the Royalty Sale. We did not record any mineral property write-downs during the three and nine months ended September 30, 2019 and 2018.

**(h) Critical Accounting Estimates**

Management’s Discussion and Analysis of Financial Condition and Results of Operations and Note 1, “Business and Summary of Significant Accounting Policies,” to the Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2018 describe the significant accounting estimates and policies used in preparation of our consolidated financial statements. Actual results in these areas could differ from management’s estimates.

**(i) Related Party Transactions**

As of September 30, 2019, and for the three and nine months ended September 30, 2019, we have no related party transactions or balances.

**(j) Recent Accounting Pronouncements**

See Note 1, “Business and Summary of Significant Accounting Policies,” to the unaudited consolidated financial statements under “*Recent Accounting Pronouncements”* above for a discussion of recent accounting pronouncements.

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**(k) Forward Looking Statements**

This Quarterly Report on Form 10-Q contains forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the 1934 Act with respect to our financial condition, results of operations, business prospects, plans, objectives, goals, strategies, future events, capital expenditures, and exploration and development efforts. Words such as “anticipates,” “expects,” “intends,” “forecasts,” “plans,” “believes,” “seeks,” “estimates,” “may,” “will,” and similar expressions identify forward-looking statements. These forward-looking statements are based on our current expectations and assumptions about future events and are based on currently available information as to the outcome and timing of future events. When considering forward-looking statements, you should keep in mind the risk factors and other cautionary statements described under the heading "Risk Factors" included in Item 1A of Part I of our Annual Report on Form 10-K for the year ended December 31, 2018. These forward-looking statements appear in a number of places in this report and include statements with respect to, among other things:

●

Our estimates of the value and recovery of our short-term investments;

●

Our estimates of future exploration, development, general and administrative and other costs;

●

Our ability to realize a return on our investment in the Lik project and the Florida Canyon project;

●

Our ability to successfully identify and execute on transactions to acquire new mineral exploration properties and other related assets;

●

Our estimates of fair value of our investment in shares of Vendetta and Kinross;

●

Our estimates of the fair value of the Vendetta Warrants and the Kinross calls;

●

Our estimate of the collectability of the SilverStream Note:

●

Our expectations regarding development and exploration of our properties, including those properties subject to joint venture agreements;

●

The impact of political and regulatory developments;

●

Our future financial condition or results of operations and our future revenues and expenses; and

●

Our business strategy and other plans and objectives for future operations.

Although we have attempted to identify important factors that could cause actual results to differ materially from those described in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that these statements will prove to be accurate as actual results and future events could differ materially from those anticipated in the statements. Except as required by law, we assume no obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise.

Item 3.   Quantitative and Qualitative Disclosures about Market Risk

Smaller Reporting Companies are not required to provide the information required by this item.

Item 4.   Controls and Procedures

*Disclosure Controls and Procedures*

As required by Rule 13a-15 under the 1934 Act, as of September 30, 2019, we carried out an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures. This evaluation was carried out under the supervision and with the participation of our Chief Executive Officer (our principal executive officer) and our Chief Financial Officer (our principal financial officer). Based upon and as of the date of that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective as of September 30, 2019.

Disclosure controls and procedures are controls and other procedures that are designed to ensure that information required to be disclosed in our reports filed or submitted under the 1934 Act is recorded, processed, summarized and reported within the time periods specified in the SEC’s rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed in our reports filed under the 1934 Act is accumulated and communicated to our management, including our principal executive officer and our principal financial officer, as appropriate, to allow timely decisions regarding required disclosure.

*Changes in Internal Control Over Financial Reporting*

There were no changes in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) promulgated under the 1934 Act) during the quarter ended September 30, 2019 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

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PART II - OTHER INFORMATION

Item 1.    Legal Proceedings

None.

Item 1A.    Risk Factors

There are no material changes to the Risk Factors associated with our business disclosed in Part I, Item 1A of our Annual Report on Form 10-K for the year ended December 31, 2018.

Item 2.    Unregistered Sales of Equity Securities and Use of Proceeds

The following table provides information about our purchase of our common shares under the share repurchase program during the three months ended September 30, 2019.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issuer Purchases of Equity Securities** | | | | |
| **Period** | **Total Number of Shares Purchased** | **Average Price Paid Per Share** | **Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs** | **Maximum number of Shares that May Yet Be Purchased Under the Plans or Programs(1)** |
| July 1, 2019- July 31, 2019 | - | n/a | - | 1,035,900 |
| August 1, 2019 – August 31, 2019 | - | n/a | - | 1,035,900 |
| September 1, 2019 – September 30, 2019 | 2,900 | $0.31 | 2,900 | 1,033,000 |

(1)

As of September 30, 2019, we have purchased a total of 967,000 shares of common stock for an aggregate purchase price of $461,000 under the share repurchase program and these shares are no longer included in our issued and outstanding shares.

Item 3.    Defaults upon Senior Securities

None

Item 4.    Mine Safety Disclosures

None

Item 5.    Other Information

None

Item 6.    Exhibits

The Exhibits to this report are listed in the Exhibit Index.

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**SIGNATURES**

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

|  |  |  |  |
| --- | --- | --- | --- |
|  | SOLITARIO ZINC CORP. | |  |
|  |  |  |  |
| Date: November 1, 2019 | By: | /s/ James R. Maronick |  |
|  |  | James R. Maronick |  |
|  |  | Chief Financial Officer |  |

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**EXHIBIT INDEX**

|  |  |  |
| --- | --- | --- |
| [3.1](http://www.sec.gov/Archives/edgar/data/917225/000091722510000017/exh31.htm) |  | Amended and Restated Articles of Incorporation of Solitario Exploration & Royalty Corp., as Amended (incorporated by reference to Exhibit 3.1 to Solitario’s Quarterly Report on Form 10-Q filed on August 10, 2010) |
|  |  |  |
| [3.1.1](http://www.sec.gov/Archives/edgar/data/917225/000091722517000020/exh31.htm) |  | Articles of Amendment to Restated Articles of Incorporation of Solitario Zinc Corp. (incorporated by reference to Exhibit 3.1 to Solitario’s Current Report on Form 8-K filed on July 14, 2017) |
|  |  |  |
| [3.2](http://www.sec.gov/Archives/edgar/data/917225/000091722513000013/exh991.htm) |  | Amended and Restated By-laws of Solitario Zinc Corp. (Solitario Exploration & Royalty Corp.) (incorporated by reference to Exhibit 99.1 to Solitario’s Annual Report on Form 10-K filed on March 22, 2013) |
|  |  |  |
| [4.1](http://www.sec.gov/Archives/edgar/data/917225/000091722517000041/exh41.htm) |  | Form of Common Stock Certificate of Solitario Zinc Corp. (incorporated by reference to Exhibit 4.1 to Solitario’s Quarterly Report on Form 10-Q filed on November 8, 2017) |
|  |  |  |
| [31.1](slr_ex311.htm)\* |  | Certification of Chief Executive Officer pursuant to SEC Rule 13a-14(a)/15d-14(a) as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
|  |  |  |
| [31.2](slr_ex312.htm)\* |  | Certification of Chief Financial Officer pursuant to SEC Rule 13a-14(a)/15d-14(a) as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
|  |  |  |
| [32.1](slr_ex32.htm)\* |  | Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C Section 1350 as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
|  |  |  |
| 101\* |  | The following financial statements, formatted in XBRL: (i) Condensed Consolidated Balance Sheets as of September 30, 2019 and December 31, 2018, (ii) Condensed Consolidated Statements of Operations for the three and nine months ended September 30, 2019 and 2018, (iii) Condensed Consolidated Statements of Cash Flows for the nine months ended September 30, 2019 and 2018; and (iv) Notes to the Condensed Unaudited Consolidated Financial Statements, tagged as blocks of text. |

\* Filed herewith

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