

**51-102F3**  
**MATERIAL CHANGE REPORT**

**Item 1 Name and Address of Company**

Sienna Resources Inc. (the “Issuer”)  
PO Box 10112, Pacific Centre  
#1470 – 701 West Georgia Street  
Vancouver, BC V7Y 1C6

**Item 2 Date of Material Change**

January 4, January 22, January 25 and January 30, 2017

**Item 3 News Release**

The news release were disseminated through News File and Stockwatch.

**Item 4 Summary of Material Change**

On January 4, 2018, the Issuer proposed to increase the non-brokered private placement to twelve million five hundred thousand units at \$0.20 per unit for gross proceeds of up to \$2.5 million. On January 22, 2018, the Issuer closed its previously announced private placement. On January 25, 2018, the Issuer announced the commencement of a high resolution ground magnetic survey on the Slättberg Cobalt-Nickel-Copper Project in Sweden. On January 30, 2018, the Issuer announced that initial results had been received from the ongoing magnetic survey work on the Slättberg Cobalt-Nickel-Copper Project.

**Item 5 Full Description of Material Change**

*5.1 Full Description of Material Change*

See attached news releases.

*5.2 Disclosure for Restructuring Transactions*

N/A

**Item 6 Reliance on subsection 7.1(2) or (3) of National Instrument 51-102**

N/A

**Item 7 Omitted Information**

None

**Item 8 Executive Officer**

Jason Gigliotti, President and Secretary, 604-646-6900

**Item 9 Date of Report**

February 5, 2018

Sienna Resources Inc  
Suite 1470 – 701 West Georgia Street  
Vancouver, BC V7Y 1C6

January 4, 2018

**Sienna Resources Inc to Increase Placement up to \$2.5 million for Cobalt Project Development**

**Sienna Resources (SIE—TSX.v) (A1XCQ0 –FSE) (SNNAF—OTCBB)** is proposing to increase the non-brokered private placement originally announced December 18, 2017 to now consist of up to twelve million five hundred thousand units at 20 cents per unit for gross proceeds of up to \$2.5 million. Each unit will consist of one common share in the capital of the company and one transferable share purchase warrant, exercisable at 30 cents for a period of five years. The private placement is subject to approval of the TSX Venture Exchange and was previously announced December 18, 2017. Please refer to that placement.

If you are an existing security holder or qualified person with respect to the existing security holder exemption or the investment dealer exemption noted above and you have interest in this offering, please call or e-mail the company.

Any questions or inquiries about this placement please call President Jason Gigliotti directly at 604 646 6900 or toll free 1 855 646 6901 or email [info@siennaresources.com](mailto:info@siennaresources.com) and the website is [www.siennaresources.com](http://www.siennaresources.com)

About Sienna Resources Inc.:

Recently Sienna received TSX Venture approval to go forward into an exploration and option agreement to acquire the Slättberg Cobalt-Nickel-Copper Project in Sweden (the “Project”). The Project consists of two adjacent exploration permits comprising approximately 9513 contiguous acres.

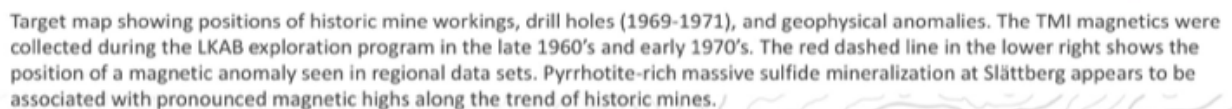
Jason Gigliotti president of Sienna states, “We are very pleased to receive approval for this exciting cobalt-nickel-copper prospect. Cobalt prices have just crossed fresh nine year highs as of yesterday, and we look forward to advancing this prospect. There are 12 historic mines on this property and with modern mining approaches, we are very optimistic about what this project could contain. We expect to be drilling early 2018 as the project is drill ready now.”

Northvolt is planning to be the largest battery factory in Europe at roughly the same size as Tesla’s Gigafactory. Jason Gigliotti states “Northvolt wants to locally source as much battery material as possible such as cobalt and nickel. There are now more than 20 mega battery factories currently being planned or constructed globally, creating a massive demand on the battery metals such as lithium, cobalt and nickel. Sienna is focused on exploring and developing projects that will meet this insatiable demand.”

Slättberg is located 25 kilometers northwest of Falun, Sweden. Slättberg is a historic mining camp hosting cobalt-nickel-copper rich massive sulfide mineralization that occurs within a two kilometer belt of historic nickel-copper mines. The Project contains drill defined massive sulfide mineralization that extends to ~100 meters in depth, and remains open for expansion at depth and along strike. The Project is accessible year round, with nearby rail, power and 5 smelters in the Nordic region. At least 12 historic mines are located on the property, with historic operations dating back to the late 1800’s.



**SIENNA**  
**RESOURCES**



Mineralization at Slättberg is hosted by 1.8-1.9 Ga (Svecofennian) supracrustal rocks (metavolcanics and metasediments) located along the southwestern flank of a large gabbroic intrusive complex. The historic mines are positioned along an east-west trend of massive sulfide occurrences developed in and around a similarly oriented body of “leptite”. This is a local term used to describe rhyolitic/felsic tuffaceous rocks commonly associated with sulfide mineralization in Bergslagen. Mafic and ultramafic rocks also occur in and around the mine workings.

The technical contents of this release were approved by Greg Thomson, PGeo, a qualified person as defined by National Instrument 43-101.

If you would like to be added to Sienna's email list please email [info@siennaresources.com](mailto:info@siennaresources.com) for information or join our twitter account at [@SiennaResources](https://twitter.com/SiennaResources)

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“Jason Gigliotti”  
President, Director  
Sienna Resources Inc.

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Sienna Resources Inc  
Suite 1470 – 701 West Georgia Street  
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January 22, 2018

**Sienna Resources Inc. closes Oversubscribed Placement of \$2.5 million for Cobalt Project Development**

**Sienna Resources (SIE—TSX.v) (A1XCQ0 –FSE) (SNNAF—OTCBB)** has closed a non-brokered private placement consisting of twelve million five hundred thousand units at 20 cents per unit for gross proceeds of \$2,500,000. Each unit consists of one common share of the Company and one transferable share purchase warrant, exercisable at 30 cents per share until January 16, 2023. An aggregate finders' fee of \$98,800 and 494,000 Broker Warrants was paid in connection with the private placement. The B Warrants are each exercisable at \$0.30 per share until January 16, 2023. All the securities issued in connection with this private placement have a hold period that expires on May 17, 2018. Proceeds will be used toward the Company's working capital, loans payable and the planned work programs, including drilling in Sweden. The private placement is subject to final approval of the TSX Venture Exchange and was originally announced on December 18, 2018, and increased on January 4, 2018. Please refer to those news releases.

Jason Gigliotti President of Sienna Resources states, "We are very pleased to have such a strong interest in the placement as we had orders for significantly more than we closed. We thought it was prudent to only take \$2.5 million to keep the share structure intact. We expect to be on the ground in Sweden this month with a full scale drill program planned for the first quarter. We are very optimistic about the prospects in Sweden and look forward to getting boots on the ground immediately. Cobalt prices are at 10 year highs and demand for ethically sourced cobalt has never been higher. We want to thank our placement subscribers for their continued strong support of Sienna."

**About Sienna Resources Inc.:**

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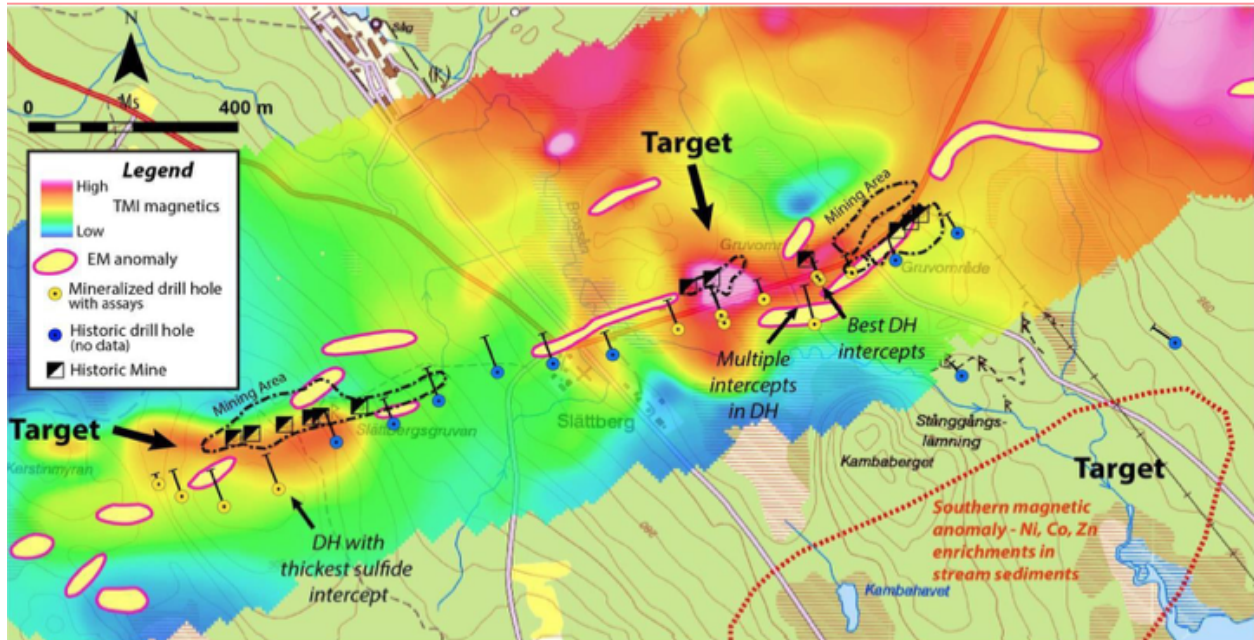
Jason Gigliotti president of Sienna states, "We are very pleased to receive approval for this exciting cobalt-nickel-copper prospect. Cobalt prices have just crossed fresh ten year highs, and we look forward to advancing this prospect. There are 12 historic mines on this property and with modern mining approaches, we are very optimistic about what this project could contain."

Northvolt is planning to be the largest battery factory in Europe at roughly the same size as Tesla's Gigafactory. Jason Gigliotti states "Northvolt wants to locally source as much battery material as possible such as cobalt and nickel. There are now more than 20 mega battery factories currently being planned or constructed globally, creating a massive demand on the battery metals such as lithium, cobalt and nickel. Sienna is focused on exploring and developing projects that will meet this insatiable demand."

Slättberg is located 25 kilometers northwest of Falun, Sweden. Slättberg is a historic mining camp hosting cobalt-nickel-copper rich massive sulfide mineralization that occurs within a two kilometer belt of historic nickel-copper mines. The Project contains drill defined massive sulfide mineralization that

extends to ~100 meters in depth, and remains open for expansion at depth and along strike. The Project is accessible year round, with nearby rail, power and 5 smelters in the Nordic region. At least 12 historic mines are located on the property, with historic operations dating back to the late 1800's.

## Geophysics and target map



Target map showing positions of historic mine workings, drill holes (1969-1971), and geophysical anomalies. The TMI magnetics were collected during the LKAB exploration program in the late 1960's and early 1970's. The red dashed line in the lower right shows the position of a magnetic anomaly seen in regional data sets. Pyrrhotite-rich massive sulfide mineralization at Slättberg appears to be associated with pronounced magnetic highs along the trend of historic mines.

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Mineralization at Slättberg is hosted by 1.8-1.9 Ga (Svecofennian) supracrustal rocks (metavolcanics and metasediments) located along the southwestern flank of a large gabbroic intrusive complex. The historic mines are positioned along an east-west trend of massive sulfide occurrences developed in and around a similarly oriented body of “leptite”. This is a local term used to describe rhyolitic/felsic tuffaceous rocks commonly associated with sulfide mineralization in Bergslagen. Mafic and ultramafic rocks also occur in and around the mine workings.

Sweden is at the forefront of an exploration and development boom in the mining industry. The country's favorable business environment includes a low corporate income tax rate, a proactive geological survey, and broad public support for export-led resource extraction. Sweden has a long history of mining, and is host to some of Europe's largest active mines.

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Sienna Resources Inc  
Suite 1470 – 701 West Georgia Street  
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January 25, 2018

## **Sienna Resources Inc Commences Operations On Slättberg Cobalt-Nickel-Copper Project in Sweden**

Sienna Resources (SIE—TSX.v) (A1XCQ0 –FSE) (SNNAF—OTCBB) is pleased to announce the commencement of a high resolution ground magnetic survey on the Slättberg Cobalt-Nickel-Copper Project in Sweden.

Slättberg's massive sulfide mineralization is known to be strongly magnetic, owing to its high concentrations of pyrrhotite, a magnetic ferrous sulfide mineral associated with the Co-Ni-Cu mineralization. The new magnetic data will be used to potentially generate additional high priority drill targets on the project. Drilling is slated to commence in the coming weeks.

### **Survey methods:**

Field teams are currently deployed and are using a G-859 Geometrics Cesium Vapor Magnetometer paired with a G-856AX Proton Precession magnetometer as a base station. Approximately 50-100 survey lines of 500 meters in length are planned at 25 meter spacing. The current survey will cover the central portion of the trend of historic mine workings where the initial drill program will be focused. Additional surveys will be conducted across other prioritized areas in the coming months.

Jason Gigliotti President of Sienna Resources states, "We are pleased to have started up operations on the Slättberg Cobalt-Nickel-Copper. We have recently closed an oversubscribed placement of \$2.5 million and we plan to deploy this cash strategically and immediately. We plan to be very active on this project and expect to be drilling in the coming weeks. The global demand on battery metals such as cobalt continues to strengthen and we are very optimistic about our 2018 work programs."

### **About Sienna Resources Inc.:**

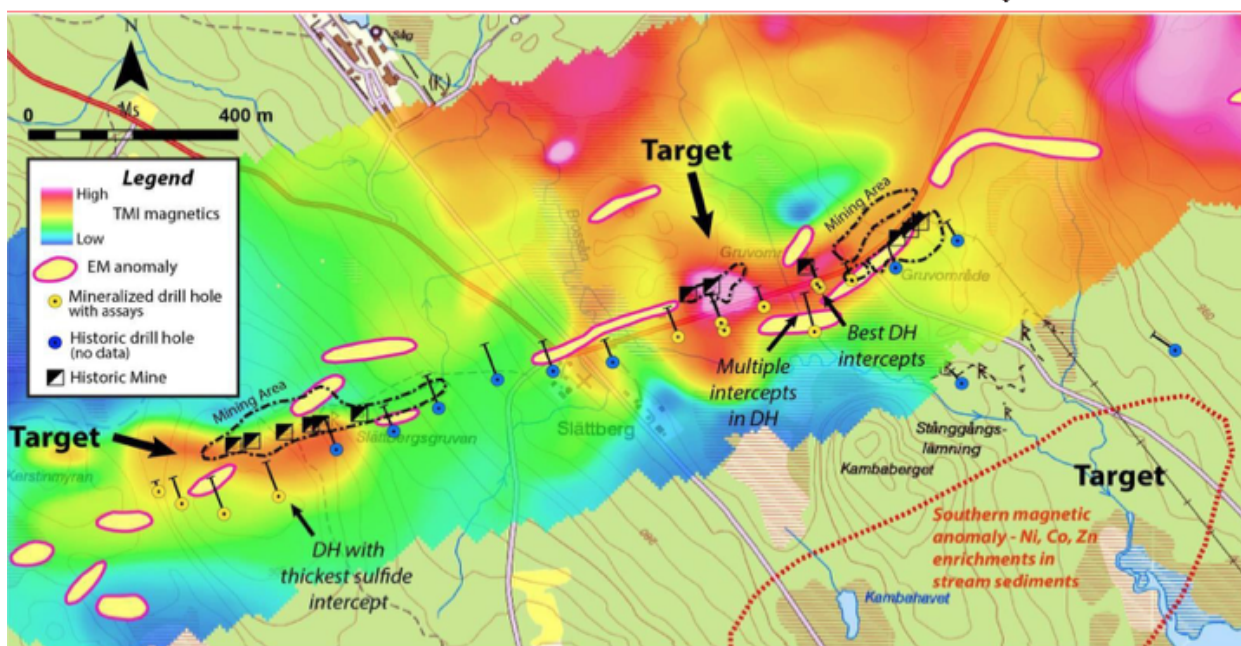
Recently Sienna received TSX Venture approval to go forward into an exploration and option agreement to acquire the Slättberg Cobalt-Nickel-Copper Project in Sweden (the "Project") from EMX Royalty Corporation ("EMX") (EMX-NYSE, tsxv) (announced December 4, 2017). The Project consists of two adjacent exploration permits comprising approximately 9513 contiguous acres.

Jason Gigliotti president of Sienna states, "We are very pleased to receive approval for this exciting cobalt-nickel-copper prospect. Cobalt prices have just crossed fresh ten year highs, and we look forward to advancing this prospect. There are 12 historic mines on this property and with modern mining approaches, we are very optimistic about what this project could contain."

Northvolt is planning to be the largest battery factory in Europe at roughly the same size as Tesla's Gigafactory. Jason Gigliotti states "Northvolt wants to locally source as much battery material as possible such as cobalt and nickel. There are now more than 20 mega battery factories currently being planned or constructed globally, creating a massive demand on the battery metals such as lithium, cobalt and nickel. Sienna is focused on exploring and developing projects that will meet this insatiable demand."

Slättberg is located 25 kilometers northwest of Falun, Sweden. Slättberg is a historic mining camp hosting cobalt-nickel-copper rich massive sulfide mineralization that occurs within a two kilometer belt of historic nickel-copper mines. The Project contains drill defined massive sulfide mineralization that extends to ~100 meters in depth, and remains open for expansion at depth and along strike. The Project is accessible year round, with nearby rail, power and 5 smelters in the Nordic region. At least 12 historic mines are located on the property, with historic operations dating back to the late 1800's.

## Geophysics and target map



Target map showing positions of historic mine workings, drill holes (1969-1971), and geophysical anomalies. The TMI magnetics were collected during the LKAB exploration program in the late 1960's and early 1970's. The red dashed line in the lower right shows the position of a magnetic anomaly seen in regional data sets. Pyrrhotite-rich massive sulfide mineralization at Slättberg appears to be associated with pronounced magnetic highs along the trend of historic mines.

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Sweden is at the forefront of an exploration and development boom in the mining industry. The country's favorable business environment includes a low corporate income tax rate, a proactive geological survey, and broad public support for export-led resource extraction. Sweden has a long history of mining, and is host to some of Europe's largest active mines.

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January 30, 2018

**Sienna Resources Inc Defines Additional Drill Targets at Slättberg Cobalt-Nickel-Copper Project in Sweden**

Sienna Resources (SIE—TSX.v) (A1XCQ0 –FSE) (SNNAF—OTCBB) is pleased to announce that initial results have been received from the ongoing magnetic survey work on the Slättberg Cobalt-Nickel-Copper Project in Sweden. High resolution magnetic surveys in the area of historic nickel-copper-cobalt mines have defined multiple strong magnetic responses along the trends of mineralization. These areas of strong magnetic response are interpreted to represent steeply plunging bodies of massive sulfide mineralization that is rich in pyrrhotite. The magnetic data appears to confirm additional continuity of drill defined zones of mineralization known from the historic drilling. Along with the historic drill data, this new magnetic data is being used to define multiple high priority drill targets for the upcoming drill program.

Further work prior to drilling will include additional magnetic surveys and integration of the new geophysical data with historic data sets.

Slättberg's massive sulfide mineralization is known to be strongly magnetic, owing to its high concentrations of pyrrhotite, a magnetic ferrous sulfide mineral associated with the Co-Ni-Cu mineralization. The new magnetic data is being used to potentially generate additional high priority drill targets on the project. Drilling is slated to commence in the coming weeks.

**Survey methods:**

Field teams are using a G-859 Geometrics Cesium Vapor Magnetometer paired with a G-856AX Proton Precession magnetometer as a base station. Approximately 180-200 survey lines of 500 meters in length are planned at 25 meter spacing. This survey will cover the central portion of the trend of historic mine workings where the initial drill program will be focused. Additional surveys will be conducted across other prioritized areas in the coming months.

Jason Gigliotti President of Sienna Resources states, "We are very pleased with the pace and quality of the data being gathered to date on the Slättberg Cobalt-Nickel-Copper Project in Sweden. Field crews have diligently defined multiple new targets and we expect to be drilling in the coming weeks. We have just closed an oversubscribed placement for \$2.5 million and we plan to deploy this cash strategically and immediately. Battery metals demand has never been stronger as most car companies and even countries have a plan for an expanded Electric Vehicle program putting significant long term upward pressure on cobalt, lithium, nickel, copper and graphite. We plan to very active in this space in 2018."

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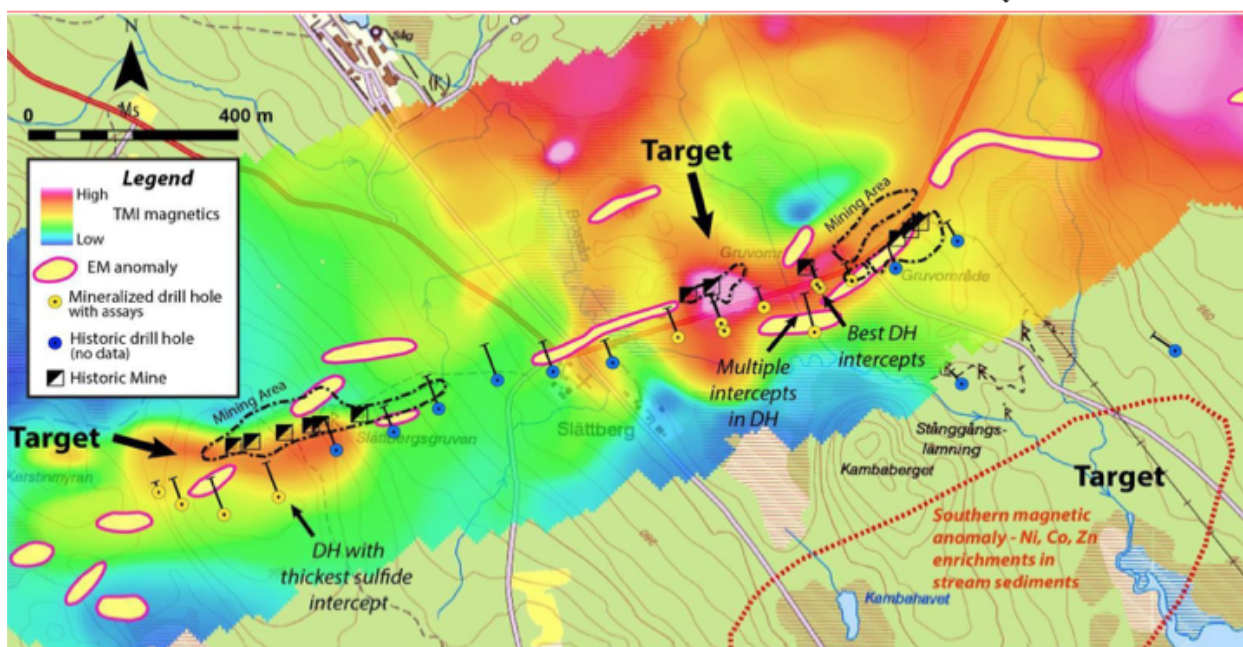
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