

51-102F3
MATERIAL CHANGE REPORT

Item 1 Name and Address of Company

Sienna Resources Inc. (the “**Company**”)
Suite 1470 – 701 West Georgia Street
Vancouver, BC V7Y 1C6

Item 2 Date of Material Change

September 18 & 19, 2019

Item 3 News Release

The news release was disseminated through News File and Stockwatch.

Item 4 Summary of Material Change

On September 18, 2019, the Company announced that it amended the option date of an exploration and option agreement (the "Agreement") with Eurasian Minerals Sweden AB, a wholly owned subsidiary of EMX Royalty Corp., originally announced on December 4, 2017, on the Slättberg Cobalt-Nickel-Copper Project in Sweden. The option date has been extended to December 31, 2019. Additionally, the Company granted two million incentive stock options to directors, officers and consultants at an exercise price of 6.5 cents per share for a period of 12 months. The options have been granted in accordance with the company's stock option plan. On September 19, 2019, the Company announced that Arctic Drilling AS of Norway was selected as the driller on the planned multi-hole drill program on Sienna's flagship nickel, copper and cobalt Slättberg Project in Sweden.

Item 5 Full Description of Material Change

5.1 Full Description of Material Change

See attached news release.

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, Corporate Secretary
Tel: 6046466900

Item 9 Date of Report

September 19, 2019



SIE-TSX.V | SNNAF-USA | A1XCQ0-GER

Sienna Resources Inc
Suite 1470 – 701 West Georgia Street
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September 18, 2019

Sienna Resources Amends Terms on Slättberg Nickel-Copper-Cobalt Project in Sweden

Sienna Resources (SIE—TSX.v) (A1XCQ0 –FSE) (SNNAF—OTCBB) wishes to announce that it has amended the option date of an exploration and option agreement (the "Agreement") with Eurasian Minerals Sweden AB, a wholly owned subsidiary of EMX Royalty Corp., originally announced on December 4, 2017, on the Slättberg Cobalt-Nickel-Copper Project in Sweden. The option date has been extended to December 31, 2019. Under the new agreement Sienna will expend at least 250,000 CAD in exploration expenditures within this new option period. All other terms of the Agreement remain the same.

The company has granted two million incentive stock options to directors, officers and consultants at an exercise price of 6.5 cents per share for a period of 12 months. The options have been granted in accordance with the company's stock option plan.

If you would like to be added to Sienna's email list please email info@siennaresources.com for information or join our twitter account at @SiennaResources.

Contact Information
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www.siennaresources.com
info@siennaresources.com

“Jason Gigliotti”
President, Director
Sienna Resources Inc.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this press release.



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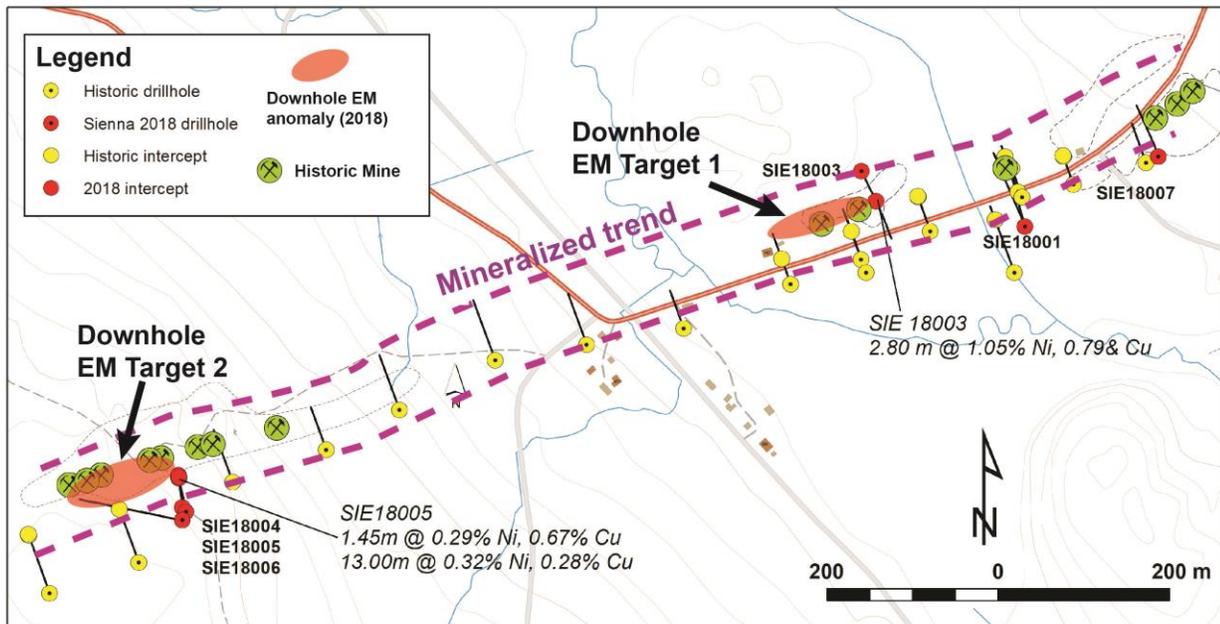
September 19, 2019

Sienna Resources Contracts Driller on Flagship Slättberg Nickel-Copper-Cobalt Project in Sweden

Sienna Resources (**SIE**—TSX.v) (**A1XCQ0**—FSE) (**SNAF**—OTCBB) wishes to announce that Arctic Drilling AS of Norway has been selected as the driller on the planned multi-hole drill program on Sienna's flagship nickel, copper and cobalt Slättberg Project in Sweden.

Jason Gigliotti, President of Sienna states, “We are pleased to be able to secure a driller with the knowledge of the area and the expertise in the region. We eagerly await getting boots on the ground and starting the drill program. This is our first drill program in over a year and we look forward to what will be discovered.”

Data gathered from the 2018 Slättberg drill program, in addition to downhole Electro-Magnetic surveys and modern sampling & geophysical work have provided multiple new high priority drill targets. This work program is fully funded by cash on hand.



Slättberg is located 25 kilometers northwest of Falun, Sweden. Slättberg is a historic mining camp hosting nickel-copper-cobalt 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 16 historic mines are located on the property, with historic operations dating back to the late 1800's.

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.

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 for information or join our twitter account at @SiennaResources.

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