

# Kintavar Files NI 43-101 Report for Maiden Copper and Silver Mineral Resource Estimate at Sherlock Zone, Mitchi Project; Starts PEA Work

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MONTREAL, July 31, 2023 - [Kintavar Exploration Inc.](#) (the "Corporation" or "Kintavar") (TSX-V: KTR), is pleased to announce that, further to its news release of June 15, 2023, it has filed its National Instrument 43-101 technical report dated June 12, 2023 on SEDAR+ at [www.sedarplus.com](http://www.sedarplus.com). The report can also be found here. Furthermore, Kintavar is pleased to announce that it has engaged Sedgman Novopro ([www.novopro.ca](http://www.novopro.ca)) to complete a Preliminary Economic Assessment (PEA) on the hub-and-spoke model on the Mitchi project. The work will be starting in August and is expected to be completed by the end of the year.

The independent MRE was prepared by InnovExplo Inc. in accordance with NI 43-101 regulations.

"The PEA is an essential part of developing the Mitchi project as a whole and not only the Sherlock zone. Demonstrating that it can be developed economically for the Sherlock zone will allow our team to continue the exploration program to add many other potential zones that were identified in the region already. All these zones will then be considered to be processed in the same facility and will be evaluated as one combined large project. As a sum of all parts, we believe the Mitchi project will be much stronger than looking at each of the zones individually." commented Kiril Mugerman, President & CEO of Kintavar Exploration.

## Mineral Resource Estimate

Mitchi Project Mineral Resources	Tonnes	Copper (%)	Silver (g/t)	Lbs of Copper	Ounces of Silver
Sherlock Measured	6,000	0.47	2.4	57,200	400
Indicated	2,983,000	0.40	4.0	26,305,300	385,500
Measured + Indicated	2,989,000	0.40	4.0	26,362,500	385,900
Inferred	85,000	0.35	3.8	653,400	10,200

## Notes to the 2023 MRE

1. The independent and qualified persons for the 2023 MRE, as defined by NI 43-101, are Olivier Vadnais-Lebanc, P. Geo., and Simon Boudreau, P.Eng. all from InnovExplo Inc. The effective date of the 2023 MRE is June 12, 2023.
2. These mineral resources are not mineral reserves, because they do not have demonstrated economic viability. The results are presented undiluted and are considered to have reasonable prospects of economic viability.
3. The MRE follows CIM Definition Standards (2014) and CIM MRMR Best Practice Guidelines (2019).
4. The estimate encompasses 25 mineralized envelopes modeled using Genesis™ software. Thickness varies from 0.88m to 8.56m, with an average thickness of 3.16m. A modeling cutoff grade of 0.1% Cu was used to create the envelopes.
5. No assays were capped. Compositing of 1.0 m in length was completed using the grade of the adjacent material when assayed or a value of zero when not assayed.
6. The estimate was completed using a sub-block model in Surpac 2022. A 4m x 4m x 4m parent block size was used with 1m x 1m x 1m sub-blocks. The mineral resources were estimated using hard boundaries on composited assays with the inverse distance to square power (ID2) method.
7. A density value of 2.79 g/cm<sup>3</sup> was assigned to the mineralized envelopes, of 2.61 g/cm<sup>3</sup> was assigned to dyke envelopes and a density value of 2.91 g/cm<sup>3</sup> was assigned to the enveloping waste material.

8. The mineral resource estimate is classified as Measured, Indicated and Inferred. Measured mineral resources were defined for blocks inside geological resource solids classified as Indicated within 10 m of surface outcrops. Indicated resources are defined with a minimum of three (3) drill holes in areas where the drill spacing is less than 35 m. The Inferred category is defined with two (2) drill holes in areas where the drill spacing is less than 55 m where there is reasonable geological and grade continuity.
9. The reasonable prospects for eventual economic extraction requirement is satisfied by using reasonable cut-off grades for an open pit extraction scenario and constraining pit shells (Whittle optimization) with wall angle of 50° in rock and 30° in overburden. The estimate is reported at a cut-off grade of 0.2% Cu. The estimate was calculated using a price of US\$3.80 per pound of copper, USD:CAD exchange rate of 1.32, industrial sorting recovery of 81% with a mass pull of 45%, metallurgical recovery of 85% for copper at a concentrate grade of 40% copper, mining cost of \$3.00/t in rock and 2.10\$/t in overburden, transport cost of \$90.00/t concentrate, G&A cost of \$9.50/t, sorting cost of \$0.40/t, and processing cost of \$20.00/t. The cut-off grades should be re-evaluated in light of future prevailing market conditions (metal prices, exchange rate, mining cost, etc.). Silver is treated as a by-product in the MRE.
10. The number of metric tonnes was rounded to the nearest thousand, following the recommendations in NI 43-101 and any discrepancies in the totals are due to rounding effects. The metal contents are presented in pounds of in-situ metal rounded to the nearest thousand for copper and nearest hundred for silver. Any discrepancy in the totals is due to rounding effects. Rounding followed the recommendations of NI 43-101.
11. The qualified persons are not aware of any problem related to the environment, permits or mining titles, or related to legal, fiscal, socio-political, commercial issues, or any other relevant factor not mentioned in this Technical Report that could have a significant impact on the 2023 MRE.

The resource estimate was based on a traditional metallurgical study (flotation) completed in 2019 and a well established XRF sorting technology for which a study was completed earlier in 2023.

All samples have been sent and prepared (PREP-31) by ALS Global laboratory in Val-d'Or. For base metals and silver, the pulp was sent to ALS Global laboratory in Vancouver for multi-elemental analysis by four acid digestion (ME-ICP61) with ICP-AES finish. Samples with assays higher than 10,000 ppm Cu, Zn or Pb, or 100 ppm Ag were reanalyzed with over limits methods (CU-OG62, ZN-OG62, PB-OG62, or AG-OG62) at the ALS Global Vancouver laboratory. Quality controls include systematic addition of blank samples and certified copper standards to each batch of samples sent to the laboratory.

#### NI-43-101 Disclosure

The qualified persons independent of the issuer, responsible for estimating the resources of the Mitchi property, within the meaning of NI 43-101, are Messrs. Olivier Vadnais-Leblanc, P.Geo., and Simon Boudreau, P.Eng., of InnovExplo Inc.

MM. Vadnais-Leblanc and Boudreau declare that they have read this press release and that the scientific and technical information relating to the resource estimate presented therein is correct.

Alain Cayer, P.Geo., MSc., Vice-President Exploration of Kintavar, is Qualified Person under NI 43-101 guidelines who supervised and approved the preparation of the technical information in this news release.

Figure 1: Sherlock Zone resource categories within a pit boundary at a cut-off grade of 0.2% Cu. (pdf)

#### About Kintavar Exploration & the Mitchi - Wabash Properties

Kintavar Exploration is a Canadian mineral exploration Corporation engaged in the acquisition, assessment, exploration and development of gold and base metal mineral properties. Its flagship project is the Mitchi - Wabash copper-silver district (approx. 39 000 hectares, 100% owned) located 100 km north of the town of Mont-Laurier and 15 km East of the town of Parent in Quebec. Both properties cover an area of more than 300 km<sup>2</sup> accessible by a network of logging and gravel roads with access to hydro-electric power already on site, major regional roads including railroad and a spur. The properties are located in the north-western portion of the central metasedimentary belt of the Grenville geological province. The projects primarily focus on sediment-hosted stratiform copper type mineralization (SSC) but include Iron Oxide Copper Gold (IOCG)

and skarn type targets. Osisko holds a 2% NSR on 27 claims of the southern portion of the Mitchi property, outside of the sedimentary basin. Kintavar also has exposure in the gold greenstones of Quebec by advancing the Anik Gold Project in a partnership with IAMGOLD and several early-stage projects that were optioned by Gitennes Exploration.

Kintavar supports local development in the Mitchi-Wabash region where it owns and operates the Fer à Cheval outfitter ([www.feracheval.ca](http://www.feracheval.ca)), a profitable and cashflow generating operation where it employs local workforce. It as well works with local First Nations to provide training and employment.

#### About Sedgman Novopro

Sedgman Novopro provides comprehensive engineering solutions across diverse industries on six continents and throughout the project lifecycle. With an integrated approach, Sedgman Novopro partners with its clients to offer customized tools and know-how necessary to steer projects from cradle to maturity, including the early-stage project design, proof of concept, project de-risking and financing, construction, commissioning, and operations.

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/e3231411-a78e-4922-9da4-4719eda94700>

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