

# White Pine Uranium Project

STRATEGIC OPPORTUNITY IN NORTHWEST ONTARIO

PROJECT OVERVIEW SEPTEMBER 2024

# Disclaimer

These presentation materials (the "Presentation Materials") are being distributed in the UK only to persons having professional experience in matters relating to investments and who are investment professionals as specified in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Financial Promotion Order"), or high net worth companies, unincorporated associations etc. as specified in Article 49(2) of the Financial Promotion Order, and in each case who are gualified investors within the meaning of section 86(1)(a) of the Financial Services and Markets Act 2000, or to other persons who may lawfully receive the Presentation Materials. Any investment to which this document relates is available to (and any investment activity to which it relates will be engaged with) only those persons described above. Persons who do not fall within this category of investor should not take any action upon this document but should return it immediately to Katoro Gold plc, 60 Gracechurch Street, London EC3V OHR. It is a condition of your receiving this document that you fall within, and you warrant to Katoro Gold plc ("Katoro", "KAT" or "the Company") that you fall within, the category of person described above. The Presentation Materials do not constitute or form any part of any offer or invitation to sell or issue or purchase or subscribe for any shares in the Company nor shall they or any part of them, or the fact of their distribution, form the basis of, or be relied on in connection with, any contract with the Company relating to any securities. The Presentation Materials are not intended to be distributed or passed on, directly or indirectly, or to any other class of persons. They are being supplied to you solely for your information and may not be reproduced, forwarded to any other person or published, in whole or in part, for any other purpose. The Presentation Materials do not purport to contain all information that a prospective investor may require and are subject to updating, revision and amendment. In furnishing the Presentation Materials, the Company does not undertake or agree to any obligation to provide access to any additional information or to update such Presentation Materials or to correct any inaccuracies in, or omissions from, the Presentation Materials which may become apparent. The information and opinions contained in the Presentation Materials are provided as at the date of the presentation and are subject to change without notice. No reliance may be placed for any purpose whatsoever on the information contained in this document or on its completeness. Any reliance on this communication could potentially expose you to a significant risk of losing all of the property invested by you or the incurring by you of additional liability. No representation or warranty, express or implied, is given by the Company, its Directors or employees, or their professional advisers as to the accuracy, fairness, sufficiency or completeness of the information, opinions or beliefs contained in this document. Save in the case of fraud, no liability is accepted for any loss, cost or damage suffered or incurred as a result of the reliance on such information, opinions or beliefs. The Presentation Materials have been prepared by and are the sole responsibility of the Directors and the Company. If you are in any doubt about the investment to which these Presentation Materials relate, you should consult a person authorised by the Financial Conduct Authority who specialises in advising on securities of the kind described in this document. The Presentation Materials are confidential and are being supplied to you for your own information. They may not (directly or indirectly) be reproduced, further distributed to any person or published, in whole or in part, for any purpose whatsoever. Neither this document, nor any copy of it, may be taken or transmitted into the United States, Canada, Australia, Ireland, South Africa or Japan or into any jurisdiction where it would be unlawful to do so. Any failure to comply with this restriction may constitute a violation of relevant local securities laws. None of the Directors of the Company, nor of its advisers (or any of their directors, officers, employees, agents, affiliates or representatives or advisers or any other person connected to its advisers) makes any representation or warranty, express or implied, as to the accuracy or completeness of the information or opinions contained in this document. Nothing contained herein should be relied upon as a promise or representation as to the future. None of the Company, its advisers nor their respective members, directors, officers, employees, agents, affiliates or representatives or advisers nor any other person accepts any obligation or responsibility to advise any person of changes in the information set forth herein after the date hereof. Further, the contents of this presentation have been authorised by any of the Company's advisers. To the fullest extent permitted by law, none of the Company nor its advisers (nor their respective members, directors, officers, employees, agents or representatives) nor any other person accepts any liability whatsoever for any errors, omissions or inaccuracies in such information or opinions or for any loss, cost or damage suffered or incurred howsoever arising, directly or indirectly, from any use of this document or its contents or otherwise in connection with the subject matter of this document or any transaction. Please remember that past performance may not be indicative of future results. Different types of investments involve varying degrees of risk, and there can be no assurance that the future performance of any specific investment or investment strategy referenced to directly or indirectly in this presentation, will be profitable.

# White Pine Uranium Project

#### **Building a Strategic Portfolio**

• Uranium is listed as a **critical metal** by the Canadian government<sup>1</sup> and is established as a low carbon energy source

92

Uranium

- 14% of Canada's electricity is generated from nuclear and 80% of Canada's uranium production exported<sup>1</sup>
- Cost-effective acquisition through staking of open ground, no additional royalties

#### Project Area of approximately 800 km<sup>2</sup>

- 8,036 hectares of contiguous claims registered by 100% subsidiary Katoro Canada Inc.
- A prospective geological setting between two granitic rock bodies<sup>2</sup>, plus further key attributes;
  - Very highly anomalous uranium values in lake sediments across the property<sup>3</sup>
  - Intense radiometric signature across the property<sup>4</sup>

#### **Access and Location**

- 5km from the Trans-Canada Highway with established access via logging roads
- Kenora District has had recent and historic uranium exploration (and exploratory drift mining in the 1950s)<sup>5</sup>

3

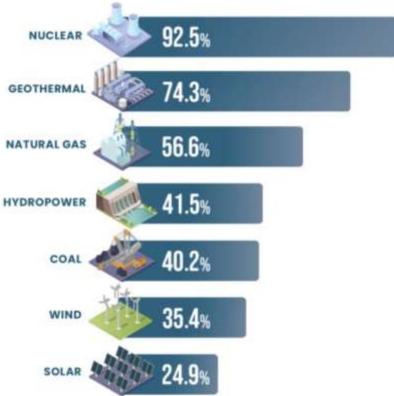
# Uranium: Growth in Demand

#### Low Carbon Energy Future

- Electricity consumption is projected<sup>6</sup> to rise from 20% today to over 50% by 2050 in the Net Zero Emissions Scenario
- Nuclear power generation capacity now projected<sup>7</sup> to increase by between 1.4 and 2.5 times the current capacity by 2050
- The IAEA says nuclear energy has the lowest carbon footprint, uses fewer materials and takes up less land, making it a highly sustainable current and future energy source.

#### **Capacity Factor and Baseload Electricity Generation**

- Compared to other sources of electricity generation, nuclear has by far the highest capacity factor\* as nuclear power plants require less maintenance and are designed to operate for longer stretches before refueling, typically every 1.5 or 2 years<sup>8</sup>
- Nuclear is the only proven low-carbon generation technology which can provide reliable baseload power to balance the variability of wind and other renewables<sup>9</sup>

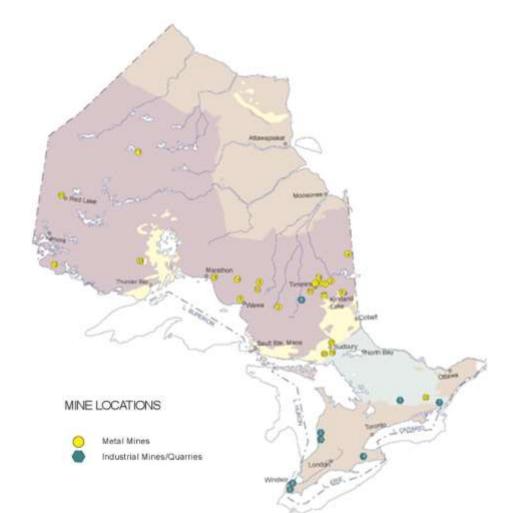


Capacity Factor by Energy Source in 2020<sup>9</sup>

\*the percentage generated compared to the generation capacity at continuous full-power operation

# **Ontario: A World Class Mining Jurisdiction**

- Currently 23 active metals mines and 8 industrial mines/quarries in the province, including gold, base metals, iron and platinum group metals<sup>10</sup>
- In 2022, Ontario's mining sector produced £7.5 billion worth of minerals, which accounted for 22% of Canada's total production value<sup>10</sup>

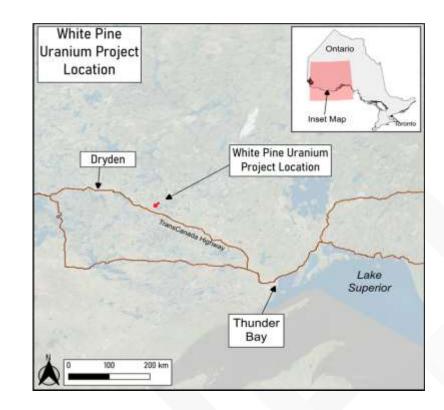


- Over 150,000<sup>10</sup> people directly employed in the mining industry in the province
- £550 million invested in mineral exploration in Ontario in 2022<sup>10</sup>
- Top 10 investment jurisdiction globally Fraser Institute Annual Survey of Mining Companies 2023<sup>11</sup>

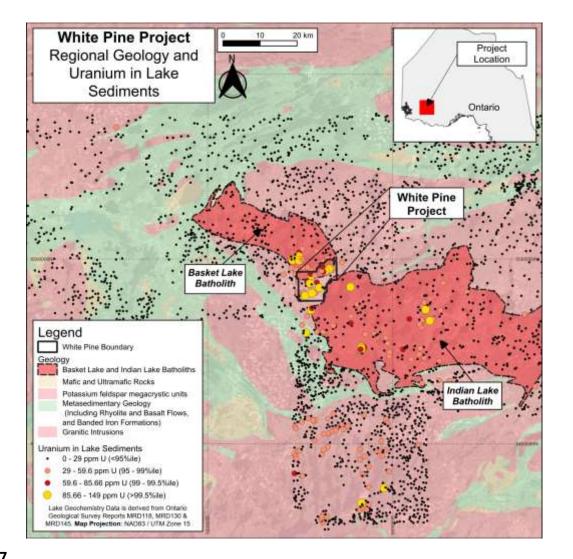
# White Pine Uranium Access via Trans-Canada Highway



- Well-established access via logging roads
- Helicopters not required meaning drastically reduced overheads



### White Pine Uranium Anomaly at District Scale



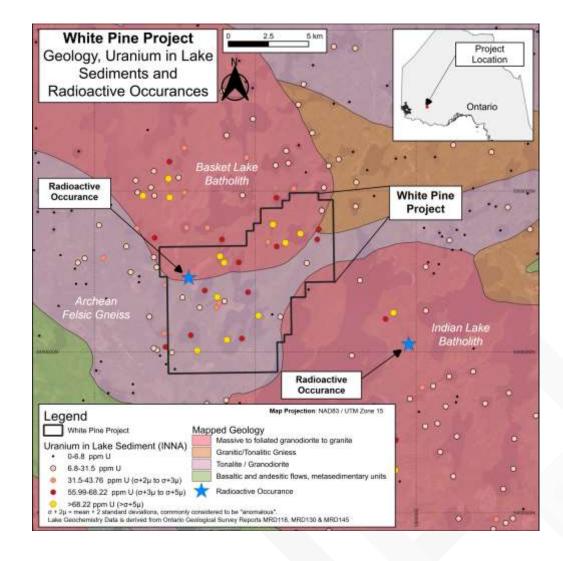
- Project supportive of intrusive-type uranium targets with two granitic rock bodies (batholiths) intruded into an area of Archean felsic gneiss<sup>2</sup>
- Statistical analysis completed over a lake sediment sampling study containing over 4,000 samples and covering approximately 15,000km<sup>2</sup> shows White Pine as a prospective uranium target<sup>3</sup>
- Visible area of interest delineated when plotting the 99.5% percentile data
- Very highly anomalous and extremely anomalous uranium in lake sediments compared with regional data, including values of up to 149 ppm uranium
- 9 samples within the claim area contain uranium values in excess of 5 standard deviations above the mean and are considered extremely anomalous

# Prospective Geology & Very Highly Anomalous Uranium

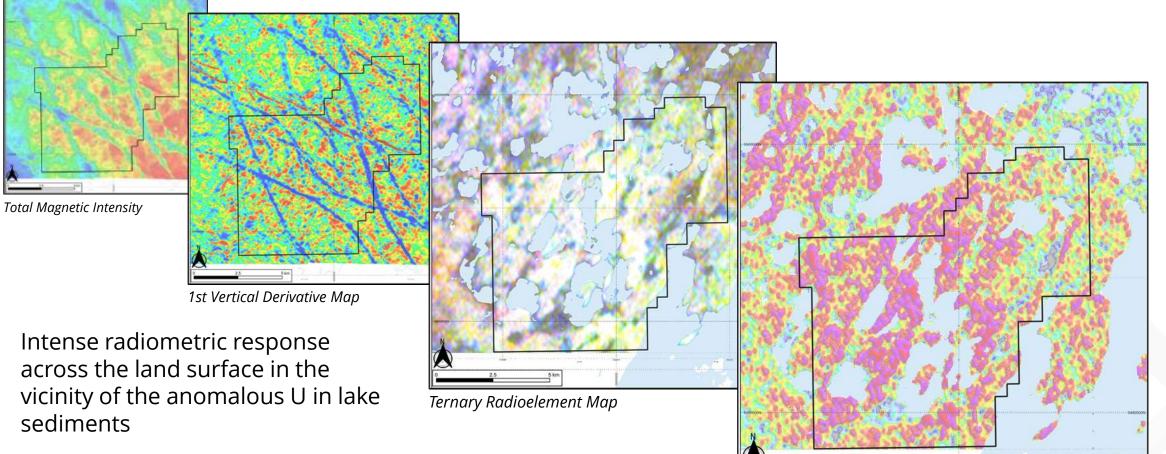
 Top 20 highest uranium concentrations at White Pine all exceed the regional anomalous (mean plus 2 standard deviations) value for uranium

SURVEY REF	STATION_NU	NAD	UTM_ZONE	EASTING	NORTHING	LAKE_DPTH_m	U_INAA_ppm
MRD118	00-D-9217	83	15	578231.4589	5490747.97	4	149
MRD118	00-D-9277	83	15	581872.3378	5496779.962	7	142
MRD118	00-D-9227	83	15	578063.4622	5495545.965	2	104
MRD118	00-D-9225	83	15	577638.477	5493404.968	3	103
MRD118	00-D-9276	83	15	582802.3073	5497349.961	16	96
MRD118	00-D-9184	83	15	576393.5189	5490078.971	1	90.3
MRD118	00-D-9251	83	15	580198.3943	5492252.968	6	86.1
MRD118	00-D-9281	83	15	581095.3625	5497921.962	16	82.4
MRD118	00-D-9228	83	15	577806.4704	5495937.965	3	74
MRD118	00-D-9224	83	15	576858.5021	5493813.968	8	68.2
MRD118	00-D-9249	83	15	579544.4149	5493704.967	7	66.3
MRD118	00-D-9278	83	15	581324.3557	5496550.963	1	63
MRD118	00-D-9274	83	15	583850.2734	5496991.961	2	59.2
MRD118	00-D-9216	83	15	579162.4286	5490828.969	8	58.6
MRD118	00-D-9275	83	15	583954.2697	5497622.961	2	48
MRD118	00-D-9183	83	15	575994.5314	5491027.971	6	46
MRD118	00-D-9248	83	15	578971.4327	5495562.965	7	45
MRD118	00-D-9221	83	15	577752.4734	5493038.968	1	38
MRD118	00-D-9279	83	15	580794.3728	5496821.963	2	37
MRD118	00-D-9219	83	15	577604.4784	5492750.968	4	36

•	Samples all from	lake sediments,	not rock outcrop
		-	



### Geophysics: Historic Airborne Radiometric & Magnetic Data



 Magnetic data collaborates with mapped geology, reinforcing the project's prospectivity

Equivalent Uranium Concentration

### Short-term Objectives







**Prospecting**, outcrop mapping, scintillometer and rock chip sampling in Q3 2024 Compile and interpret Extensive geophysical, geochemical and other data Q4 2024 Analyse and **Optimise** exploration strategy and programme for Q2 2025 (Spring) Contact Us Address: 60 Gracechurch Street, London EC3V 0HR, United Kingdom Email: <u>info@katorogold.com</u> Web: <u>www.katorogold.com</u>

Follow Us X: <u>@KatoroGoldplc</u>

# References

<sup>1</sup>Natural Resources Canada <<u>www.natural-resources.canada.ca/our-natural-resources/minerals-mining/mining-data-statistics-and-analysis/minerals-metals-facts/uranium-and-nuclear-power-facts/20070></u>

<sup>2</sup> Breaks, F.W. 1980, Sioux Lookout-Armstrong, Geological Compilation Series, Kenora and Thunder Bay Districts, Ontario Geological Survey: 2000 Series Map, NTS Number: 52

<sup>3</sup> Ontario Geological Survey - Jackson, J.E. 2003, Lake Sediment Geochemical Data from the Ignace Survey Area, Northwestern Ontario: Operation Treasure Hunt, MRD118 & Russell, D.F., 2004, Lake Sediment and Water Data for the Sturgeon Lake-Wabigoon Lake Area, MRD130 & Felix, V.E., 2005, Lake Sediment and Water Analytical Data for the Eagle Lake Area, Northwestern Ontario, MRD 145

<sup>4</sup> Goldak Airborne Surveys 2008, Technical report on a radiometric survey, Basket Lake Block, Northwestern Ontario, Takara Resources Inc.

<sup>5</sup> Laine, R.P. 2007, 43-101 Technical Report on the Kenora Uranium Properties for 4316282 CANADA INC. in Form 2A Listing Statement, Madison Metals Inc. May 9, 2022 < <u>https://sedar-filings-primary.thecse.com/00049498/2205121417282204.pdf</u>>

<sup>6</sup>IEA <<u>https://www.iea.org/energy-system/electricity</u>>

<sup>7</sup>IAEA - Outlook for Nuclear Power Increases for Fourth Straight Year, Adding to Global Momentum for Nuclear Expansion <<u>https://www.iaea.org/newscenter/pressreleases/iaea-outlook-for-nuclear-power-increases-for-fourth-straight-year-adding-to-global-momentum-for-nuclear-expansion/</u>>

<sup>8</sup>U.S. Energy Information Administration <<u>https://www.energy.gov/ne/articles/nuclear-power-most-reliable-energy-source-and-its-not-even-close</u>>

<sup>9</sup>University of Sheffield Nuclear Advanced Manufacturing Research Centre <a href="https://namrc.co.uk/netzeroneedsnuclear/">https://namrc.co.uk/netzeroneedsnuclear/</a>

<sup>10</sup>Ontario Mining Association <a href="https://oma.on.ca/en/ontario-mining/facts\_figures.aspx">https://oma.on.ca/en/ontario-mining/facts\_figures.aspx</a>

<sup>11</sup> Fraser Institute 2023 Annual Survey of Mining Companies <<u>www.fraserinstitute.org/sites/default/files/2023-annual-survey-of-mining-companies.pdf</u>>