

2024 Northwest Territories Exploration and Mining Summary Map



2024 Mining Incentive Program – Corporate

OWNER	PROJECT	COMMODITY	REGION
Cheetah Resources Corp.	Tardiff	Rare Earth Elements / Lithium (Li)	North Slave
DEMCo Ltd.	Camsell River	Gold (Au) / Rare Earth Elements / Multiple Metals	Sahtú
Gold Terra Resource Corp.	Northbelt	Gold (Au)	North Slave
Golden Pursuit Resources Ltd.	South Gordon Lake	Gold (Au)	North Slave
Integral Metals Corp.	KAP	Zinc (Zn)	Sahtú
Kennady Diamonds Inc.	Kennady North	Diamonds	North Slave
Loyal Lithium Ltd.	Hidden Lake	Lithium (Li)	North Slave
Rackla Metals Inc.	NWT RIRGS	Gold (Au)	Sahtú
Redbed Resources Corp.	Redstone	Copper (Cu)	Sahtú
Trinex Lithium Ltd.	Halo-Yuri	Lithium (Li)	North Slave
White Cliff Minerals Ltd.	Great Bear	Gold (Au) / Uranium (U) / Multiple Metals	Sahtú

2024 Mining Incentive Program – Prospectors

OWNER	PROJECT	COMMODITY	REGION
Danny Yakeleya	NWT/Yukon Border	Gold (Au) / Multiple Metals	South Slave
David Nickerson	Uranium Trail	Uranium	North Slave
Ryan Bachynski	Viking	Gold (Au) / Multiple Metals	North Slave
Stephane Poitras	Poor Son	Gold (Au) / Multiple Metals	South Slave

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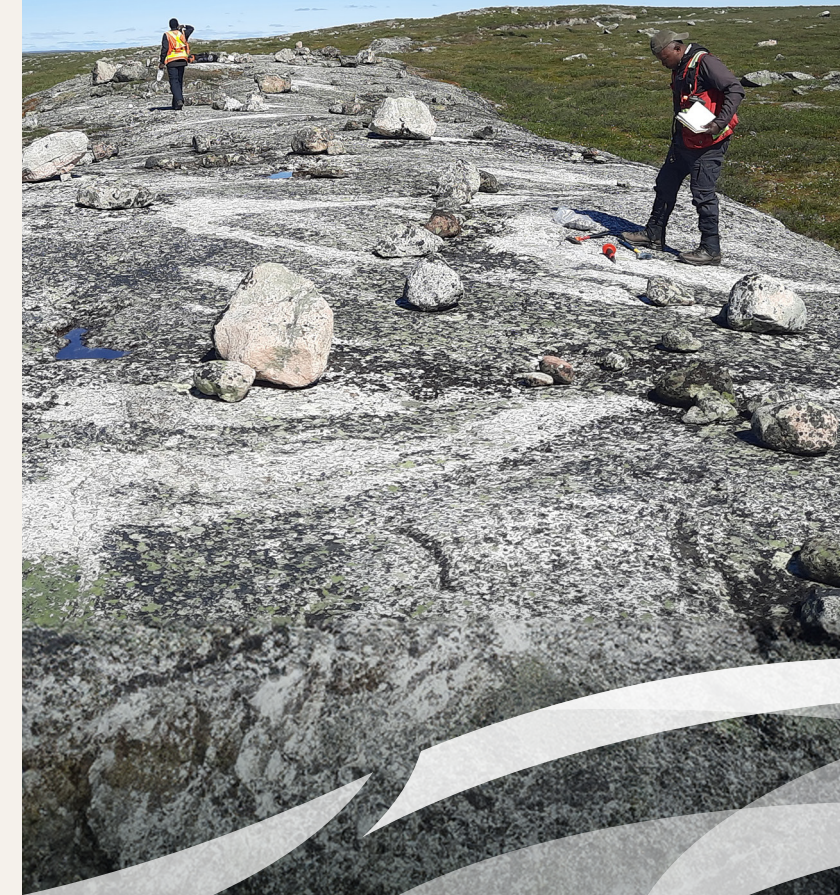


Government of Northwest Territories



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Current Mining Activities

OWNER	PROJECT	COMMODITY	DESCRIPTION	UPDATES
Burgundy Diamond Mines Ltd.	Ekati Mine	Diamonds	Canada's first diamond mine, now 100% owned by Burgundy Diamond Mines Ltd.	Announced over 100 M carats produced to date. Mineral Reserves of 48.5 Mt at 0.5 c/t as of June 2023. Currently working on a new Mineral Resource Estimate and mining Sable (open pit) and Misery (underground) kimberlites.
Rio Tinto	Diavik Mine	Diamonds	Canada's largest producer of diamonds. Opened in 2003, currently 100% owned by Rio Tinto.	A21 underground entered commercial production, anticipated to produce over 2 Mct. Diavik is slated for closure in 2026.
De Beers Canada Inc. & Mountain Province Diamonds Inc.	Gahcho Kué Mine	Diamonds	De Beers Canada Inc. (51%) and Mountain Province Diamonds Inc. (49%). Commenced production in March 2017. Open pit mining at Hearne is to be completed in Q4. Mining of 5034 is underway.	Open pit mining at Hearne and 5034. Stripping work for NEX orebody is underway. New 43-101 Technical Report with 23.6 Mt at 1.74 c/t Total Probable Reserve, 24.7 Mt at 1.57 c/t Indicated, and 13.3 Mt at 1.79 c/t Inferred. Mine life is extended to 2031.
Sixty North Gold Mining Ltd.	MON Mine	Gold (Au)	Historic gold mine in the Yellowknife Volcanic Belt with 15,000 oz Au production between 1989 & 1997.	Announced commencement of commercial production. Planned acquisition and installation of 100 t/d mill infrastructure.

Critical & Base Metal Exploration Activities

OWNER	PROJECT	COMMODITY	DESCRIPTION	UPDATES
Vital Metals Ltd. (Cheetah Resources Corp.)	Nechalacho	Rare Earth Elements	Plans to develop the Tardiff deposit at Nechalacho to build a large-scale, long-life Rare Earth Elements producer.	Mineral Resource Estimate with 213 Mt of 1.17% Total Rare Earth Oxide (TREO) for a total of 2.48 Mt TREO. A new Mineral Resource Estimate with post-2022 drilling and Tardiff deposit scoping study underway. Staked an additional 2,500 ha immediately to the north.
NorZinc Ltd.	Prairie Creek	Zinc (Zn) / Lead (Pb) / Silver (Ag)	Proposed underground mine. Permits in place for mine construction and operation.	2021 Mineral Resource Estimate of 9.8 Mt Total Measured and Indicated at 22.7% ZnEq and 6.4 Mt Inferred at 24.1% ZnEq. Preliminary Economic Assessment indicates a 20-year mine life.
Fireweed Metals Corp.	Gayna Project	Zinc (Zn) / Lead (Pb) / Gallium (Ga) / Germanium (Ge)	Historic Zn-Pb-Ag mineralization with +28,000 m of drilling. A newer geological model suggests an alternate model for mineralization.	Kipushi-style massive sulphide targets along paleo reef margins.
Slave Lake Zinc Corp.	O'Conner Lake	Lead (Pb) / Zinc (Zn) / Silver (Ag) / Copper (Cu) / Lithium (Li)	Historic Pb-Zn mineralization 60 km from infrastructure.	Investigating pegmatites on the property for Li potential.
Redbed Resources Ltd.	Redstone Property	Copper (Cu)	Historic delineated Cu mineralization in the south and central deposit and to depth.	Targeting stratiform Cu at the Coates Lake copper deposit. A 2024 Northwest Territories Geological Survey Mining Incentive Program recipient.
Fortune Minerals Limited	NICO	Cobalt (Co) / Silver (Ag) / Bismuth (Bi) / Copper (Cu)	Proposed open pit / underground mine and mill with proposed hydrometallurgical refinery in Alberta.	Iron oxide-copper-gold (IOCG)-type mineral deposits with Proven and Probable Mineral Reserves of 33.1 Mt with 1.11 Moz Au, 82.3 Mlb Co, 102.1 Mlb Bi, and 27.2 Mlb Cu. Recently awarded \$17M (CAD) from the United States Department of Defence, Natural Resources Canada, and the Alberta Government to further develop the project. Approximately 15 tons of ore were recently sent for metallurgical test work.
Osisko Metals Inc. & Applan Capital Advisory LLP.	Pine Point	Lead (Pb) / Zinc (Zn)	Osisko Metals Inc. (35%) and Applan Capital Advisory LLP. (65%). Proposed open pit mine, a past producer with road, rail and power access.	Mineral Resource Estimate of 49.5 Mt at 5.52% ZnEq Indicated and 8.3 Mt at 5.64% ZnEq Inferred. Plans to release an updated Mineral Resource Estimate and optimised PEA. 2024 exploration for high-grade prismatic-type deposits.
Northern Critical Minerals Corp.	Allende	Rare Earth Elements	An early-stage Rare Earth Element project in the Leith Lake Alkaline Complex. Carbonatite occurrences with Rare Earth Element mineralization.	Rare Earth Element and High Field Strength Element mineralization documented.
Voyageur Exploration Ltd.	Tharsis	Rare Earth Elements / Niobium (Nb)	An early-stage Rare Earth Element project in the Squalus Lake Alkaline Complex.	Rare Earth Element and High Field Strength Element mineralization in a carbonatite associated with a concentric syenite complex.
White Cliff Minerals Ltd.	Great Bear	Gold (Au) / Uranium (U) / Multiple Metals	East shore of Great Bear Lake 450 km north-northwest of Yellowknife. Historic U, Au, Ni, Co, and Pb production (Port Radium mine).	Numerous high-grade grab samples were collected. Completed a MobileMt survey that identified five large hydrothermal systems.
Fireweed Metals Corp.	Mactung	Tungsten (W)	The project straddles the Yukon-Northwest Territories boundary, one of the largest highest-grade W deposits worldwide.	Mineral Resource Estimate of 41.6 Mt at 0.73% WO ₃ Indicated and 12.2 Mt at 0.59% WO ₃ Inferred as of 2023. Announced the awarding of \$35.4 M from the United States Department of Defense and the Government of Canada to advance the project.

Diamond Exploration Activities

OWNER	PROJECT	COMMODITY	DESCRIPTION	UPDATES
Olivut Resources Ltd. & Talmora Diamond Inc.	Seahorse Project	Diamonds	Olivut Resources Ltd. (50%) and Talmora Diamond Inc. (50%). Greenfields diamond exploration. Favourable indicator minerals and diamonds found regionally and locally.	Recovered macro diamonds, micro diamonds, and kimberlite indicator minerals from beach sand on the property. General reconnaissance work was conducted in 2024.
Arctic Star Exploration Corp. & Margaret Lake Diamonds Inc.	Diagras	Diamonds	Arctic Star Exploration Corp. (81.5%) and Margaret Lake Diamonds Inc. (18.5%). Located close to the existing Lac de Gras diamond mines.	Five kimberlites discovered in recent exploration programs. Sequoia kimberlite yielded 99.8 stones per 100 kg, nitrogen analysis results permissive of high value, large, deep origin diamonds.
Mountain Province Diamonds Inc.	Kennady North	Diamonds	Three kimberlites with mineral resources in close proximity to Gahcho Kué.	Reported Kelvin with 8.50 Mt at 1.60 c/t Indicated, Faraday 2 with 2.07 Mt at 2.63 c/t Inferred, and Faraday 1-3 with 1.87 Mt at 1.04 c/t Inferred.

Gold Exploration Activities

OWNER	PROJECT	COMMODITY	DESCRIPTION	UPDATES
STLLR Gold Inc.	Indin Lake	Gold (Au)	Numerous Au deposits and past producing mine (Colomac) along 9 km North-South striking mafic sill. With 930 km ² land position, 200 km north of Yellowknife.	Formerly a Nighthawk Gold project. 2023 Mineral Resource Estimate of 70 Mt at 1.50 g/t Au Indicated and 24.4 Mt at 2.17 g/t Au Inferred. 2024 drilling intersected mineralized quartz diorite (primary Au host) below current resource.
Gold Terra Resources Corp.	Yellowknife City Gold Project (+ Con Mine Option)	Gold (Au)	The project area covers over 800 km ² of the Yellowknife Greenstone Belt with over 14 Moz of historical gold production. Includes areas around the past producing Giant and Con mines.	Open pit Inferred Mineral Resource of 21.8 Mt at 1.25 g/t Au and an underground Inferred Mineral Resource of 2.55 Mt at 4.04 g/t Au. 2024 drilling on the Con Mine Option into mineralized shear zones beneath previous workings. Initiated a 5-7 hole 3,000 m drilling program in January 2025 to further test the Campbell Shear.
Seabridge Gold Inc.	Courageous Lake	Gold (Au)	Located in the Courageous Lake Greenstone Belt close to winter road infrastructure. One of Canada's largest undeveloped gold projects.	2024 Preliminary Feasibility Study for the production of 2.5 Moz Au over 12.6-year Life of Mine with Proven and Probable Reserves of 33.9 Mt at 2.6 g/t Au and a 2024 43-101 Technical Report with a Mineral Resource of 145 Mt at 2.6 g/t Au Measured and Indicated and 40.6 Mt at 2.52 g/t Au Inferred.
Golden Pursuit Resources Ltd.	South Gordon Lake	Gold (Au)	Past producing gold operation 80 km northeast of Yellowknife with winter road access.	Historic high-grade Au production from quartz veins. Structural mapping, sampling, and ground geophysics in 2024.
Rackla Metals Inc.	Grad Project	Gold (Au)	Located in the Tombstone Gold Belt. Targeting Reduced Intrusion-Related Gold Systems (RIRGS).	Newly staked based on stream sediment anomalies and field observations. Grab samples up to 92 g/t Au, 2% Bi; 38 m chip sample returned 1.8 g/t Au.
Rackla Metals Inc.	Astro Project	Gold (Au)	Located in the Tombstone Gold Belt. Targeting Reduced Intrusion-Related Gold Systems (RIRGS).	Targeting Reduced Intrusion-Related Gold Systems. 2024 Drilling on HIT and Peak targets, soil sampling, talus sampling, and prospecting.

Lithium & Other Critical Mineral Exploration Activities

OWNER	PROJECT	COMMODITY	DESCRIPTION	UPDATES
Li-Ft Power Ltd.	Yellowknife Lithium Project	Lithium (Li)	A 13-pegmatite system with historic Li assays. Strike lengths up to 1,800 m and 40 m in width.	2022 Initial Mineral Resource Estimate of 50.4 Mt at 1.00 % Li ₂ O based on 49,500 m of drilling from 286 holes. Targeting a Preliminary Economic Analysis in Q2 2025. Acquired a 100% interest in North Arrow Minerals Inc. DeStaffeny, Lac de Gras, and Mackay Lithium projects.
Midas Minerals Ltd.	Reid-Aylmer Lithium Project	Lithium (Li)	Numerous pegmatite swarms in the area are geologically similar to the Yellowknife pegmatite field.	Identified 17 new spodumene pegmatites between 10 m and 30 m wide on the property. A 26 m channel sample returned 1.27% Li ₂ O, with 1 m intervals of up to 2.86% Li ₂ O.
Trinex Lithium Ltd.	Mac	Lithium (Li)	Historic lithium-caesium-tantalum (LCT) pegmatites on the property. Located 80 km north of Yellowknife, close to the winter road.	Staked additional ground based on rock chip sampling.
Trinex Lithium Ltd.	Ross Lake	Lithium (Li)	Approximately 70 km east-northeast of Yellowknife and 25 km away from Hidden Lake Lithium project.	Confirmed spodumene mineralization, with samples containing up to 37.3% spodumene.
Trinex Lithium Ltd.	Halo-Yuri	Lithium (Li)	Recently discovered Li-bearing pegmatites, 250 km northeast of Yellowknife.	Mapping of spodumene-bearing pegmatites, many samples returning Li assays >0.5% Li ₂ O.
Narryer Metals Ltd.	Big Hill Project	Lithium (Li)	Shares boundary with Li-Ft Powers Yellowknife Lithium Project. Hosts lithium-caesium-tantalum (LCT) pegmatites.	A 5 m chip sample returned 1.16% Li ₂ O and samples at 1 m returned up to 2.57% Li ₂ O. Shares boundary and is on strike with pegmatites from Li-Ft Power Ltd. (Yellowknife Lithium Project).
Ant Lithium Corp.	Aylmer Lithium	Lithium (Li)	Hosts abundant spodumene pegmatites exposed surrounding a pegmatitic leucogranite.	Assays of up to 7.5% Li ₂ O have been reported in press releases.
Loyal Lithium Limited	Hidden Lake Lithium	Lithium (Li)	Located 45 km east of Yellowknife, close to road infrastructure.	Mapped 14 spodumene-bearing dykes, 4 drill holes tested, with a cumulative strike of >3,250 m.
RGV Lithium Explorations Inc.	Muskox Lithium Project	Lithium (Li)	Li pegmatite project in the Hidden Lake area 100 m from an all-season road.	Pegmatites with previous assays of 1.34% Li ₂ O over 5 m and 1.26% Li ₂ O over 11 m. In 2023, sampling of CM1 pegmatite yielded 0.72% Li ₂ O over 5 m and 1.23% Li ₂ O over 3.8 m in a section previously considered barren.
Lake Winn Resources Corp.	Little Nahanni Pegmatite Group	Lithium (Li) / Tantalum (Ta) / Tin (Sn)	Located 40 km from Cantung infrastructure. Has a 7 km long pegmatite swarm, historic samples of >1% Li over 16.65 m.	2023 work includes a 512 line-km SQUID survey, rock and chip sampling, soil sampling, and detailed geological mapping. Samples returned up to 3.52% Li ₂ O, and 10 m composite samples returned 1.77% Li ₂ O.
Li-Ft Power Ltd.	DeStaffeny Lithium Project	Lithium (Li)	Located on the north shore of Great Slave Lake 18 km from the Nechalacho Rare Earth project. Evaluated for Ta/Nb production in the 1940s.	Identified 4 Li-Ta-Nb bearing pegmatites, 3 have significant Li ₂ O assays (up to 2.73%) and strike lengths up to 450 m. Recent sampling includes 1.81% Li ₂ O over 4 m. Acquired from North Arrow Minerals Inc. in 2024.
Li-Ft Power Ltd.	Lac de Gras Lithium Project	Lithium (Li)	Historic spodumene bearing pegmatites close to Lac de Gras infrastructure. The project area is in a setting similar to the Yellowknife Pegmatite Province.	Confirmation of existing and new spodumene bearing pegmatites, over 50 grab and channel samples from 0.4% to 5.57% Li ₂ O. Acquired from North Arrow Minerals Inc. in 2024.
Li-Ft Power Ltd.	Mackay Lithium Project	Lithium (Li)	Historic Ta bearing pegmatites hosted in a similar setting to the Yellowknife Pegmatite Province. Close to Lac de Gras infrastructure.	Identified 14 of 17 samples from the new MK3 pegmatite returned over 1% Li ₂ O, with values up to 5.25% Li ₂ O. Acquired from North Arrow Minerals Inc. in 2024.

This NWT mineral exploration and mining project summary was compiled in early January 2025, and some projects without recent or announced activity may not have been included.