

NWO Major Exploration Programs in N.W.O. (2021)

Company (Deoposit)	Start Year	Mine Life	Mill Size	Capital Cost	Cost Production/Produ	Road Required	Rail Require	Powerline Transmission	Power Required	Power (Notes)	Positions Rqd C= construction	Economics PEA, Pre-Feas, Feas
Agnico Eagle-Hammond Reef (4.5M. oz Gold) (N of Atikokan)	?	14	50,000 t/day	\$614M	\$382/oz-369,000 oz gold/yr	60 KM (upgrades)	No	32 KM 230 KV Line	100 MW	Diesel generator backup 1 x 1500 KW 1 x 2500 KW	1000-C 530 -O	Federal EA completed (Nov/18)-Prov EA completed May/19--2020-significant claim staking in the area
Ambershaw Metallics-Bending Lake . (245 M. t @ 25% Iron)(SW of Ignace)	2025	35	19,000 t/Day	\$1B	\$50/t	0	25 KM?	25 KM	50 MW			2019-EA applic. rec.--large bulk sample planned-2020-PEA completed
Ardiden Limited (4.8 Mt @ 1.25% Li2O and 186 ppm Ta2O5)(Armstrong)	?					maintained road						North and South Aubry Zones-battery grade Li--jv with Rock Tech Lithium 2020
Auteco-Pickle Crow (1.3 M oz Gold)(Pickle Lake)	?		225 t/day mill, then expand later		?----->100,000 oz/yr	20 KM (approx.) upgrade	No	20 KM Line upgrade	10 MW (approx.)			Auteco optioned in 2020-45,000 m DD program in 2020/21
Avalon Advanced Materials-Separation Rapids(8.4 Mt @ 1.41% Li2O (N of Kenora)	2022	20	475,000 t/yr					30-40 KM	10 MW			Planning in partnership with Rock Tech to construct a lithium chemical plant in Thunder Bay--bulk sample planned
Battle North Mine Corp-(Bateman). (Mineral Reserve=635,000 oz) (Red Lake)	2022-Initial prod'n	8.2	1800 t/day (expand to 2500/day)	\$298M	\$882/oz AIS	\$2 M in upgrades	No	20 KM 44 KV Line	9.34 MW	Diesel generator backup	285-C 456-O	Battle North becomes shareholder of Evolution on May 20/21- mine(ramp) construction underway --mill/headframe in
Clean Air Metals(TBNorth) (1.83 M oz PD Eq)(N of Thunder Bay)+ TB North Deposit	?	7		\$164 to \$360 M		20 KM	No	20 KM	30 MW (approx.)			Envir baseline started Q2 -New resource released Q1 --PEA scheduled for 2021- testing bulk sample -extensive DD-massive sulphides intersected!-
First Mining Gold Corp (3.8M oz gold/20 M olz silver) (Springpole Lake)	2023 constr. 2024	11.3	30,000 t/day	\$718M	\$618/oz AU AIS- 335,000 oz gold/yr	Needs road 115km, has winter road	No	75 km 230KV line to be constructed	55-70 MW approx			Q1 2021 positive PFS- 29.4% IRR- 2020-silver streaming Majestic EIS submittal
First Mining Gold Corp-Cameron Lake (997,000 oz. Gold) (SE of Kenora)	?	10 +	2750 t/day	\$110M	\$865/oz Au and 61000 oz/year	Has road to sites	No		15 MW approx			2020 ore stockpile on site-New Resource 2017
Frontier Lithium(PAK -8.5 Mt @1.8Li2O/SPARK- 3.2 Mt @1.59% Li2O (N of Red Lake)	2025	27		\$685M		Requires road construction			10 MW			2021--+ve PEA for PAK-27% IRR- DD on SPARK and BOLT to add to resource--B Schnieders Award winner 2019 for Discovery of the Year!!
Generation Mining -Sibanye Gold (4.3 M Oz.Palladium+Platinum) (N of Marathon)	2022-23 constr 2023pr	14	14,000 t/Day	\$431M	\$586 US/oz AISC	4 KM	No	4 KM 115 KV Line	65 MW	115 4 KM KV Line from Hwy 626	400-C 365- O	FS released Q1 2021-Joint Review Panel EA commencing in 2021-DD program 2021
Great Bear Res. Ltd.-Dixie Project (SE of Red Lake)												22 km strike length being drilled-4 gold zones--prel resource by late 2021--multiple significant drill intercepts-some baseline environmental started

Greenstone Gold Mines=Equinox and Orion-(Hardrock) (5.54M. oz O. Pit Gold)(Greenstone)	2020constr.-2022-prod	15	27,000 t/Day	\$1.265B (Can)	\$600/oz(US)--288,000 oz gold/yr	Hwy # 11 realignment 20 km	No	10 KM (approx.)	65MW--gas turbine required	power transm. into region deficient	975-C 450-O	Equinox Gold purchased Premier Gold /Orion Finance purchased Centerra's portion of the deposit-Closure Plan submitted-eng. design underway,
Harte Gold (1.11 M oz) (White River)	2018	11	800 t/day	\$118.7M	\$708/oz AIS---	20 km from Highway 11	No	44 km	10 MW approx		100-O	New Gold invested \$25M--60,000-65,000 oz prod'n guidance 2021-new FS Q1 +ve to expand mill to 1200 t/d -cost \$21M--goal of 100,000 oz by 2023
Impala Canada-Sunday Lake (N of Thunder Bay)	?											significant palladium zone--exploration drilling 2020
KWG Resources (78 Mt @ 35.3% Cr2O3)	?							340 km				China Rail--FS completed-Black Horse main asset-1/3 B Daddy
Landore Resources Ltd. BAM Gold Deposit (717,000 oz) (E of Armstrong)	?	6.25	2200t/day	\$93.81M	\$816/oz (US) AISC--76,000 oz/yr	upgrade	No	75 km away	15 MW approx			New PEA for Q1 2021--14,000 m DD on BAM--new technical report/resource 2021
New Gold-Intrepid Zone(NW of F Frances)	2022 ug dev.	8	21,000 t/day	\$1.04B	\$710/oz--325,000 oz gold/yr 480,000 oz	15 KM (\$2M)	No	17 KM 230 KV Line	61.2 MW		100-C 100-O	Q1- Intrepid ramp dev to 650 m(into ore)- - Open Pit prod'd Q1 2021-55,000 oz gold.
Noront Resources-Eagles Nest (11 mt @ 2.5% Copper/Nickel) (Ring of Fire)	C-2023-25 P-2025	11	2700 t/day	\$609M	\$97/t--1 million tons/year	295 KM-East West road preferred + Rail?	No	No- Gensets initially to service ug mine and mill	40 MW	20 MW (Nickel) 20 MW (Chromite)	800 -C 400 -O	road design& EA underway-Eagles Nest mine const planned for 2023-25; new FS started-mine EA restarted-Wyloo Metals purchased RCF's share position
Noront Resources-Blackbird (200 M t Chromite) (Ring of Fire)	C-2024-27P-2027	30-100							20 MW initially for Blackbird			2020- new PEA underway-EA to start
Premier Gold(Hasaga)(1.1 M oz. gold)	2021											2020 24,000 m DD program complete - assays pending
Pure Gold (Madsen Mine)(2.063 M oz Gold)(Red Lake)	2020	13	800 t/ day	\$125M	\$787/oz AIS-----100,000 oz/yr	Road upgrade potentially	No		9 MW		285-C 340-O	First gold pour Dec 30-Q1 2021 commercial prod'n -ug development and prod'n ongoing and DD
Rock Tech Lithium (6.57 Mt @1.02%Li2O -5 zones (S of Beardmore)	2022	11	1500 t/day recover 1.1 Mt @6.2% Li2O	\$65.3M	\$397/t	upgrade	No	Yes	10MW(approx.)			PEA 2018/21 -62% IRR-bench/pilot testing - engineering-positive PEA for lithium chem plant-PFS underway 2021 and permitting ,
Rockex Mining Corp. (1 Billion t @ 25-30% Fe)	?	30	6 M t of conc/yr	\$1.56B				230 KV Line 20 KM	180 MW conc and pellet/HBI			PEA done Oct 2013; new PEA 2015--seeking partner
CROPS--Metallum (Winston Lk and Pick)(2.1M t @ 17.7% Zn)	?	9	1000t/day		\$0.51/lb	upgrade	No	line maintenace required-substation on site	10MW	existing trans line	120-140-O	New FS started May 2021--(CROPS purchased property from Superior Lake in Sept/20)--May 2021 DD on Upper and Lower Pick Lake zones