

MAJOR EXPLORATION PROGRAMS IN N.W.O. (2020)

Company (Deposit)	Start Year	Mine Life	Mill Size	Capital Cost	Cost Production/ Production	Road Required	Rail Required	Powerline Transmission Required	Power Required	Power (Notes)	Positions Rqd C= construction O= operating	Economics PEA, Pre-Feas, Feas
Agnico Eagle(Hammond Reef) (5.4 M. 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)
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. by feds---prod'n 2025
Ardiden Limited (4.8 Mt @ 1.25% Li2O and 186 ppm Ta2O5)(Armstrong)	?					maintained road						North and South Aubry Zones-battery grade Li
Avalon Advanced Materials(8.4 Mt @ 1.41% Li2O (N of Kenora)	?	?						30-40 KM				bulk sample 2019
First Mining Gold Corp (1.3 M oz Gold)(Pickle Lake)	?		225 tonne per day mill, then expand later		?----->100,000 oz/yr	20 KM (approx.) upgrade	No	20 KM Line upgrade	10 MW (approx.)			Drilling 2016
First Mining Gold Corp (4.41M oz) (Springpole Lake)	2022-23 constr.	12	36,000 t/day	\$586M	\$806/oz-300,000 oz gold/yr	Needs road 115km, has winter road	No	110 km	30 MW approx			2020-planned EIS submittal--PFS
First Mining Gold Corp(Cameron Lake) (997,000 oz. Gold) (SE of Kenora)	?	10 +	2750 t/day	\$110 M	\$865/oz Au and 61000 oz/year	Has road to sites	No		15 MW approx			New Resource 2017
First Mining Gold Corp(Goldlund) 809,200 oz.measured and	?											New gold zone NE - drilling 2019
Frontier Lithium(PAK Lithium Project) (7.5 Mt @ 2.02 % Li2O(N of Red	?	16-18		\$147.5M					10 MW			Positive PEA,new res. For PAK/Spark late 19--constr of demo

Evolution Mining-Cochenour Deposit (5 M. oz Gold)(Red Lake)	2019	20	1500 t/Day	\$420M	\$350/oz -- 250,000-275,000 oz/yr	0	U/G 5 KM tramway		9 MW (additional 5 MW by 2026)		100 -C 100 -O	30-50,000 oz/yr contribution starting 2019 Q2--water issues
Greenstone-(Hardrock)Gold=Premier Gold Mines/Centerra Gold (7.1M. oz O. Pit	2019-constr.-2021-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	New min res. Q4/19-EAs complete-last FN agreement signed Nov/19
Harte Gold (1.11 M oz) (White River)	2018	11	575 t/day--lans to grow to 800 t/day	\$118.7M	\$708/oz AIS-----80,700 oz/yr	20 km from Highway 11	No	44 km	10 MW approx		100-O	Guidance cut to 25,000 oz for 2019-mining rate down
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			PEA Positive-2019
New Gold-Intrepid Zone(NW of F Frances)	2017O P 2020U G	14	21,000 t/day	\$1.04B	\$710/oz--325,000 oz gold/yr 480,000 oz silver/yr	15 KM (\$2M)	No	17 KM 230 KV Line	61.2 MW		100-C 100-O	Intrepid ug dev(to 200 m) deferred - 254,000 gold produced 2019
Noront Resources (11 mt @ 2.5% Copper/Nickel) (Ring of Fire)	C-2022-24 P-2024	11	2700 t/day	\$609M	\$97/t--1 million tons/year	295 KM-East West road prefered + Rail?	No	No- Gensets initially to service ug mine and mill	40 MW	20 MW (Nickel) 20 MW (Chromite)	800 -C 400 -O	north/south road EA and eng. And new FS started- DD on #8 zinc zone
Noront Resources (200 M t Chromite) (Ring of Fire)	?	30-100							22 MW initially for Blackbird			2020- new FS underway
Northern Iron (Griffith Iron Mine) (120 M	?	77					110 KM		30 MW at site-(insuffient power	Natural gas DRI plant in Dryden		PEA 2013 -Feas 2014-15-Inactive
Benton Res-Panoramic-Rio Tinto (10 Mt @2.2 gIt Platinum & Palladium)(N of Thunder Bay)	?	7		\$164 to \$360 M		20 KM	No	20 KM	30 MW (approx.)			PEA done March 2011--Benton acquired mid 2019

Premier Gold(Hasaga)(25M t @ 0.78 g/t gold)	2021											C and D Zones drilled-2018
Pure Gold (Madsen Mine)(2.063 M oz Gold)(Red Lake)	2019/20	12	800 t/ day	\$95M	\$714/oz AIS-----100,000 oz/yr	Road upgrade potentially	No		15 MW		285-C 456-O	Mine construction started Q4 2019-ug elect.,surface infra,mine design
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%	\$65.3M	\$397/t	upgrade	No	Yes	10MW(approx.)			Rocktech-Ardiden JV signed Oct.-PEA 2018-62% IRR-engineering,
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
Rubicon Minerals Corp. (811,000 oz M&I Gold) (Red Lake)	?	13	875 t/day initially -ramping to	\$417M	\$879/oz--165,300 oz gold/yr	\$2 M in upgrades	No	20 KM 44 KV Line	13 MW?	Diesel generator backup	285-C 456-O	New Resource Q1-PEA(2019) @ 40% IRR--FS started Q1
Generation Mining - Sibanye Gold (4.3 M Oz.Palladium+Platinum) (N of Marathon)	?	11.5	22,000 t/Day	\$400M	? 200,000oz palladium/platinum /yr +39M lb cu /yr	4 KM	No	4 KM 115 KV Line	50 MW	115 4 KM KV Line from Hwy 626	400-C 365- O	PEA Q1 2020 @ 30% IRR-Q4 2019 new resource