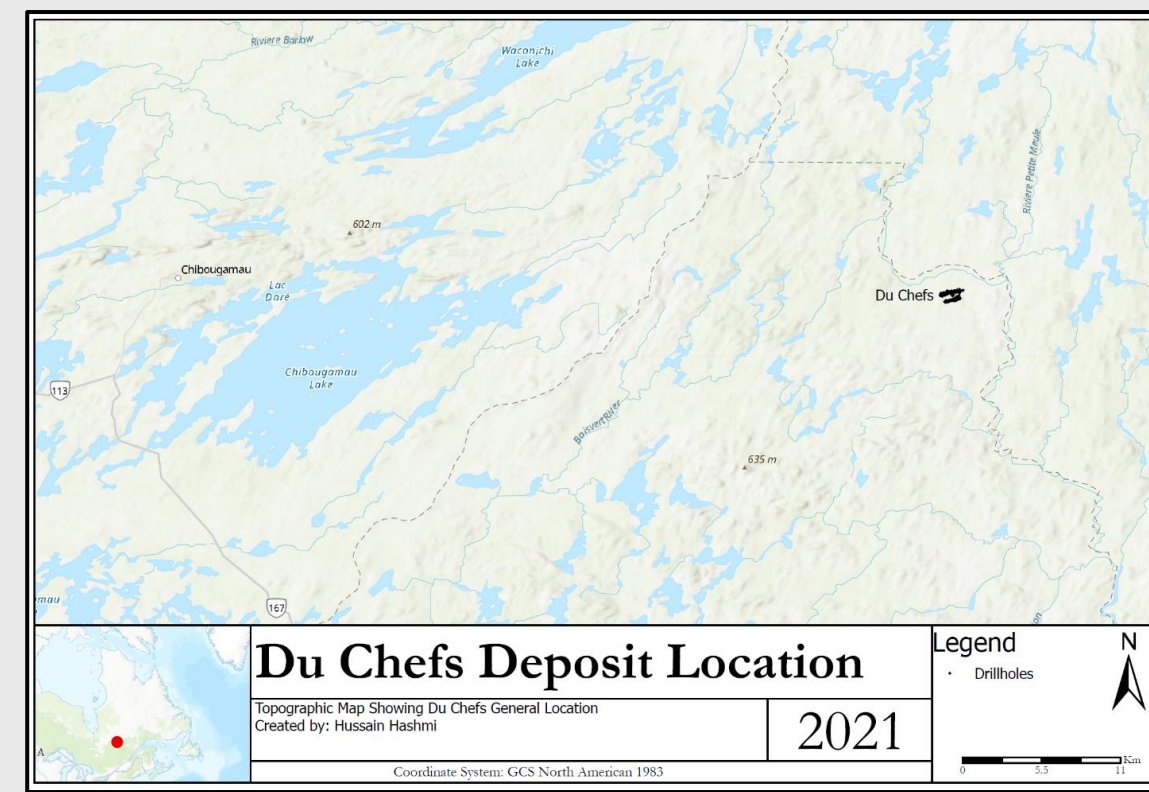


Du Chefs Gold Project

"Gold Standard"

Introduction

The Du Chef Gold Mine property is located approximately 54 km east of the town of Chibougamau, in the eastern part of the Abitibi Region, Quebec. The mine claim spans 2500 hectares and is subject to the Mining Act of Quebec.



Overview

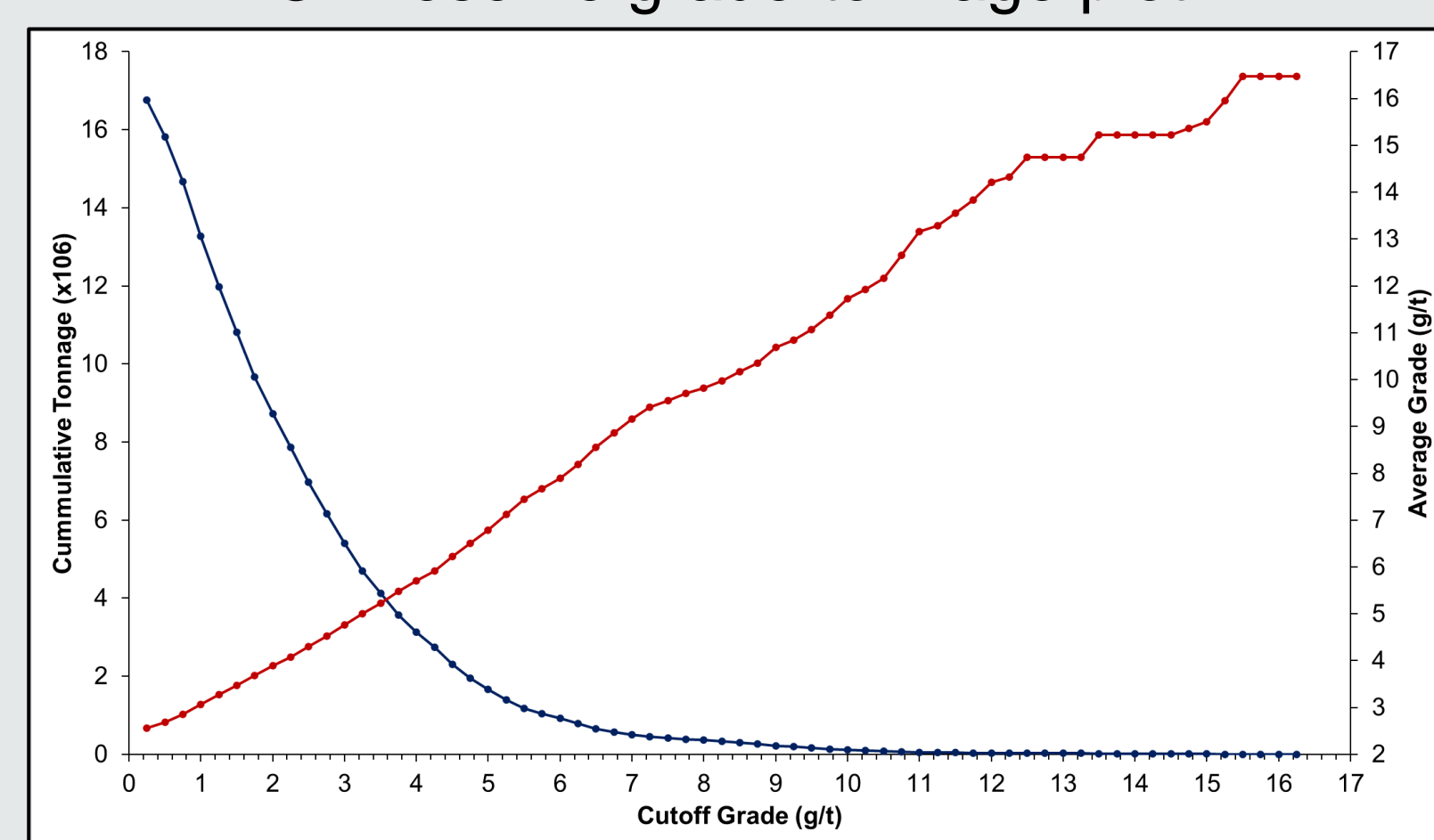
- Du Chefs is a disseminated, open-pit gold deposit.
- Geological data has been extracted from 355 drillholes, with 45,793m drilled.
- Mineralization of the deposit is in quartz vein ranging from 50m to 450m below surface.
- The Du Chefs project has an expected mine life of 14 years, with a stripping ratio of 11:1 and a total ore production capacity of 5500 tpd and average grade of 2.38 g/t.

Resource & Reserve Estimation

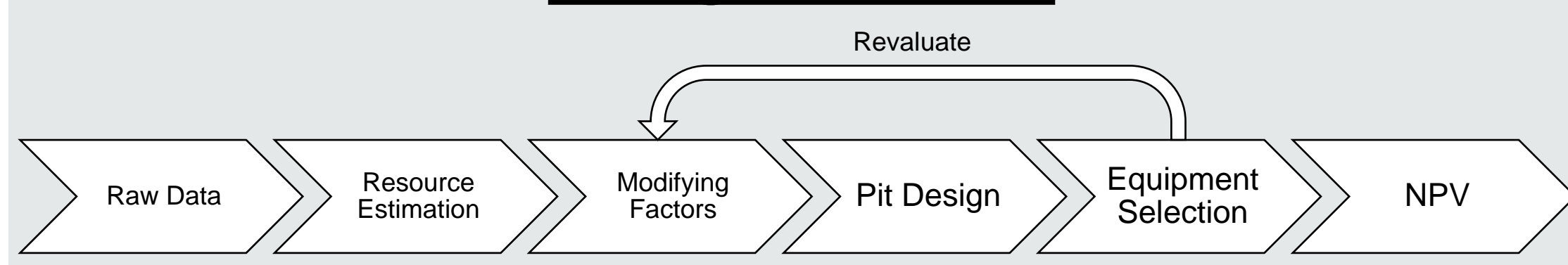
Ore resource tonnage

Gold	Inferred	Indicated	Measured
Tonnage	59,637,000	30,360,000	15,675,000
Volume (m3)	19,879,000	10,120,000	5,225,000

DCN reserve grade-tonnage plot



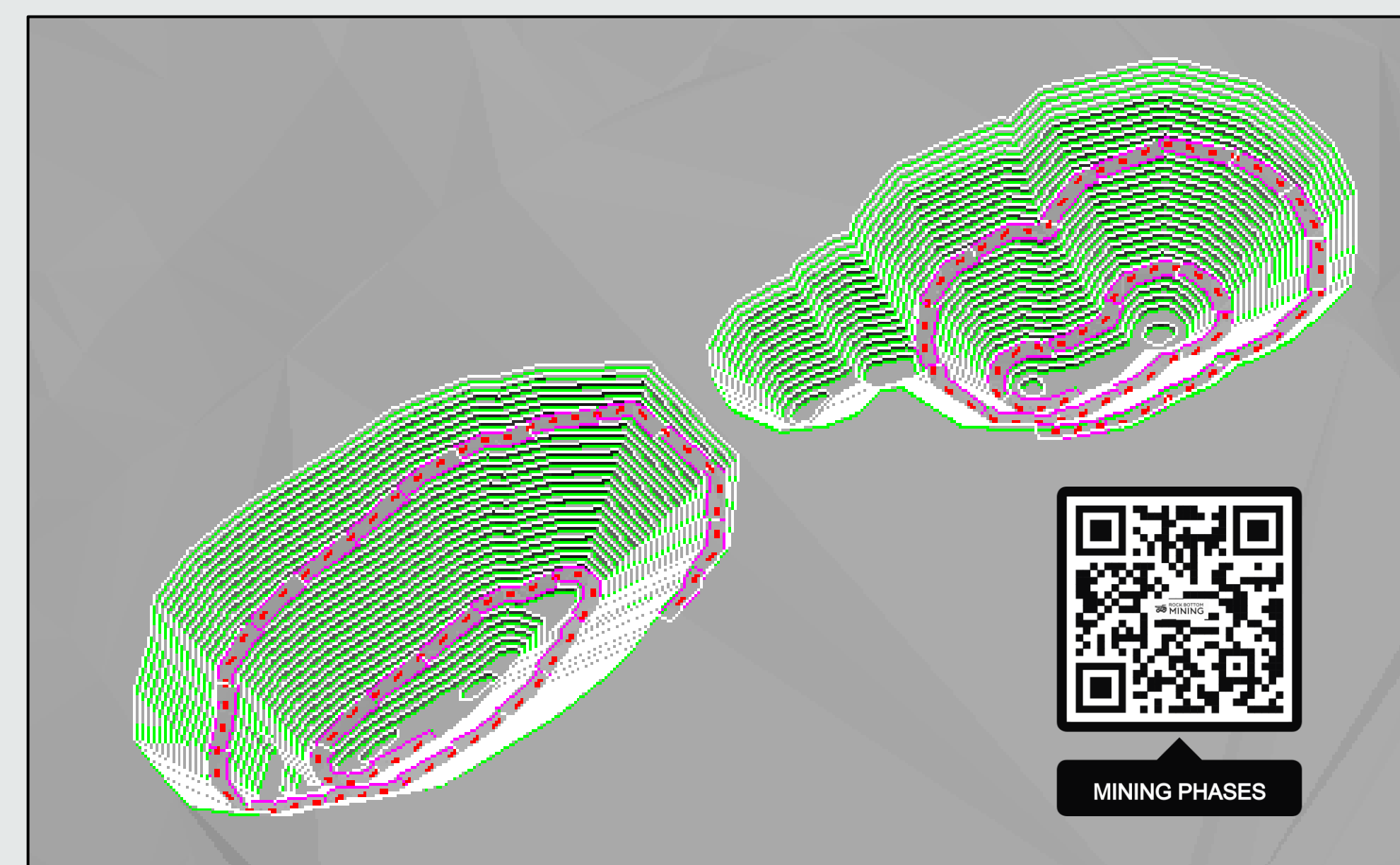
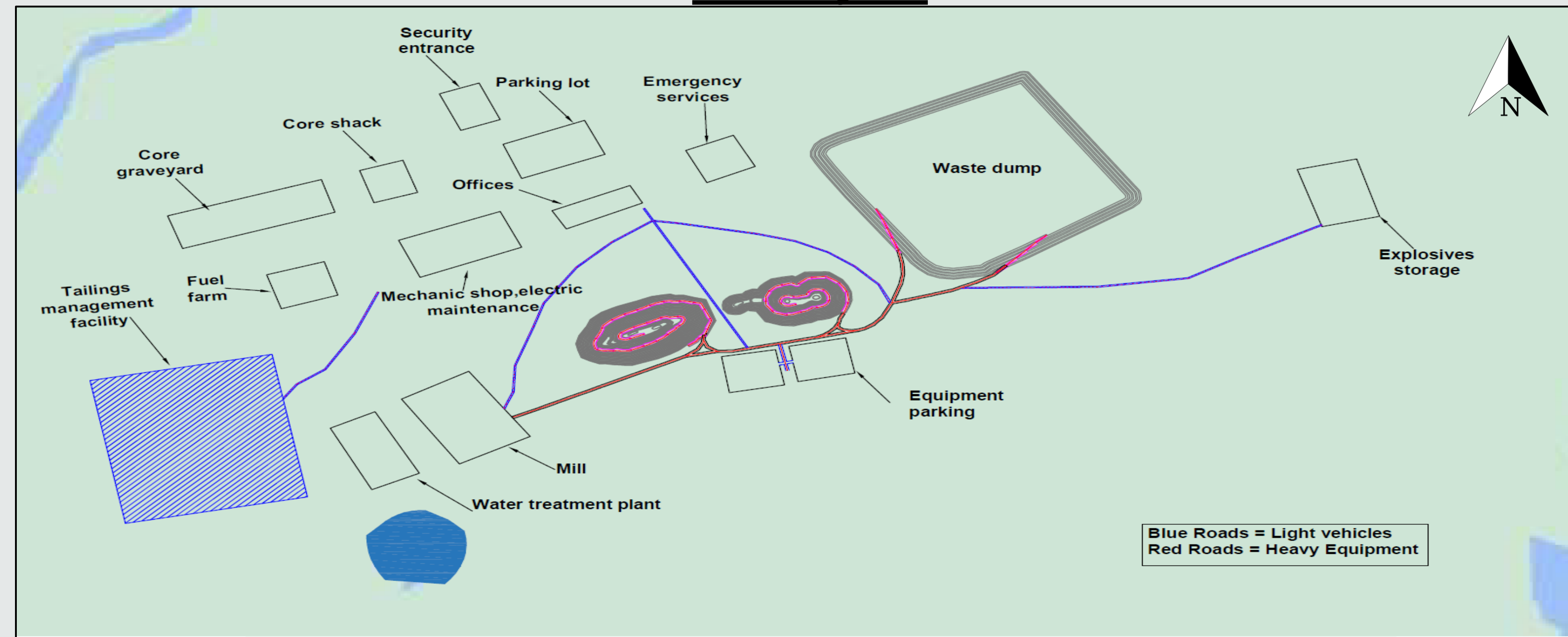
Design Process



Environmental, Social & Governance

- Du Chefs Project will create upwards of 136 direct jobs.
- Engagement with Chibougamau, Quebec, and Cree Governing bodies.
- \$35,000,0000 reclamation bond posted.
- Pit Closure, Tailings Facility, Building Removal, Comprehensive Monitoring Program Pre & Post-closure.

Site Layout



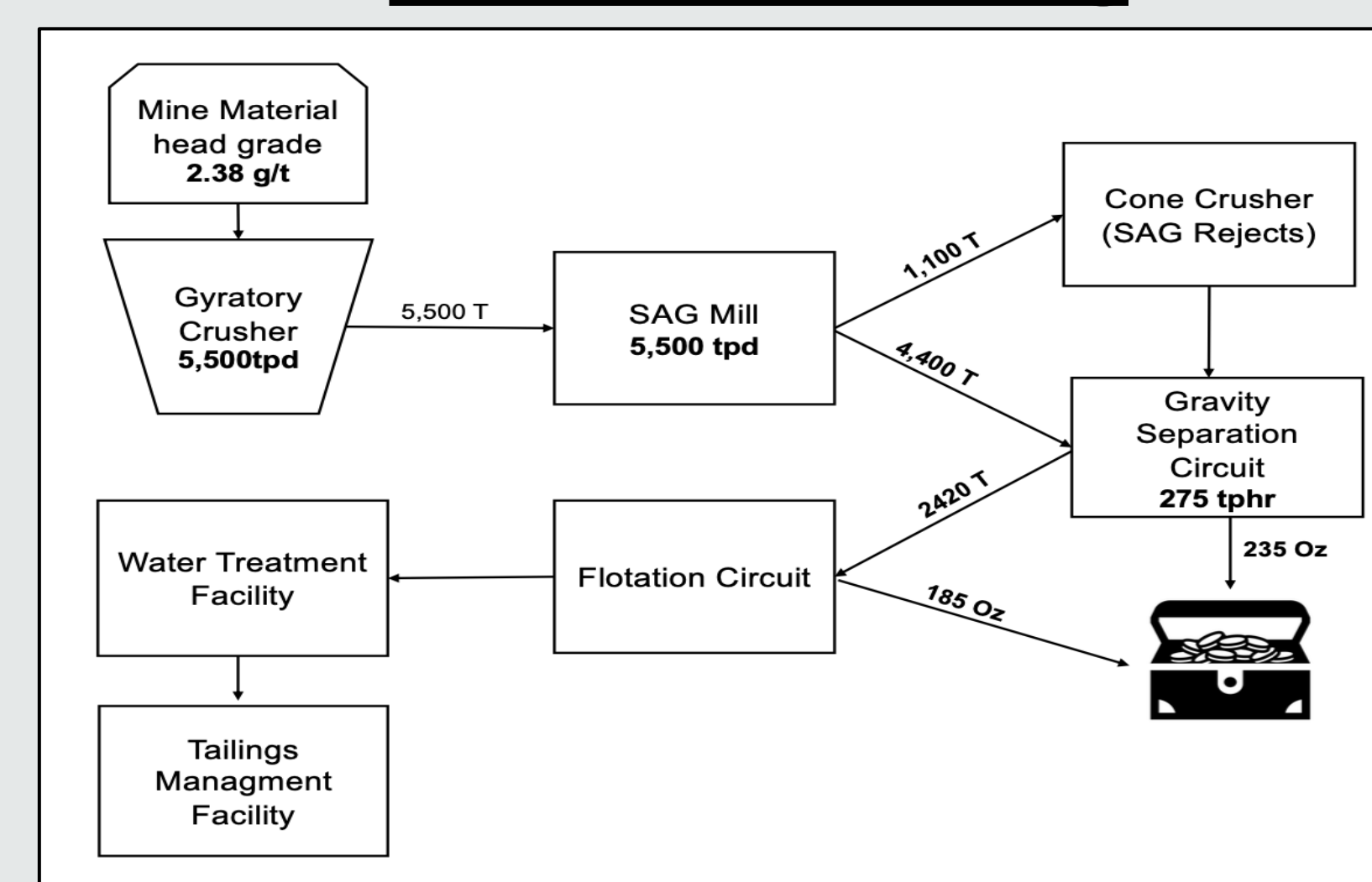
Pit Design

- Haul Distances from pit bottom:
 - NW ramp to top of pit = 2.77 Km
 - NE ramp to top of pit = 1.99 Km
- NW Pit 28 Benches, NE Pit 24 Benches.

Mine Design Parameters

Parameter	DCN
Overall Slope Angle (°)	47.5
Inter Ramp Angle (°)	51.5
Catch Bench (m)	6
Bench Angle (°)	80
Ramp Grade (%)	11
Ramp Width (m)	20
Bench Height (m)	10

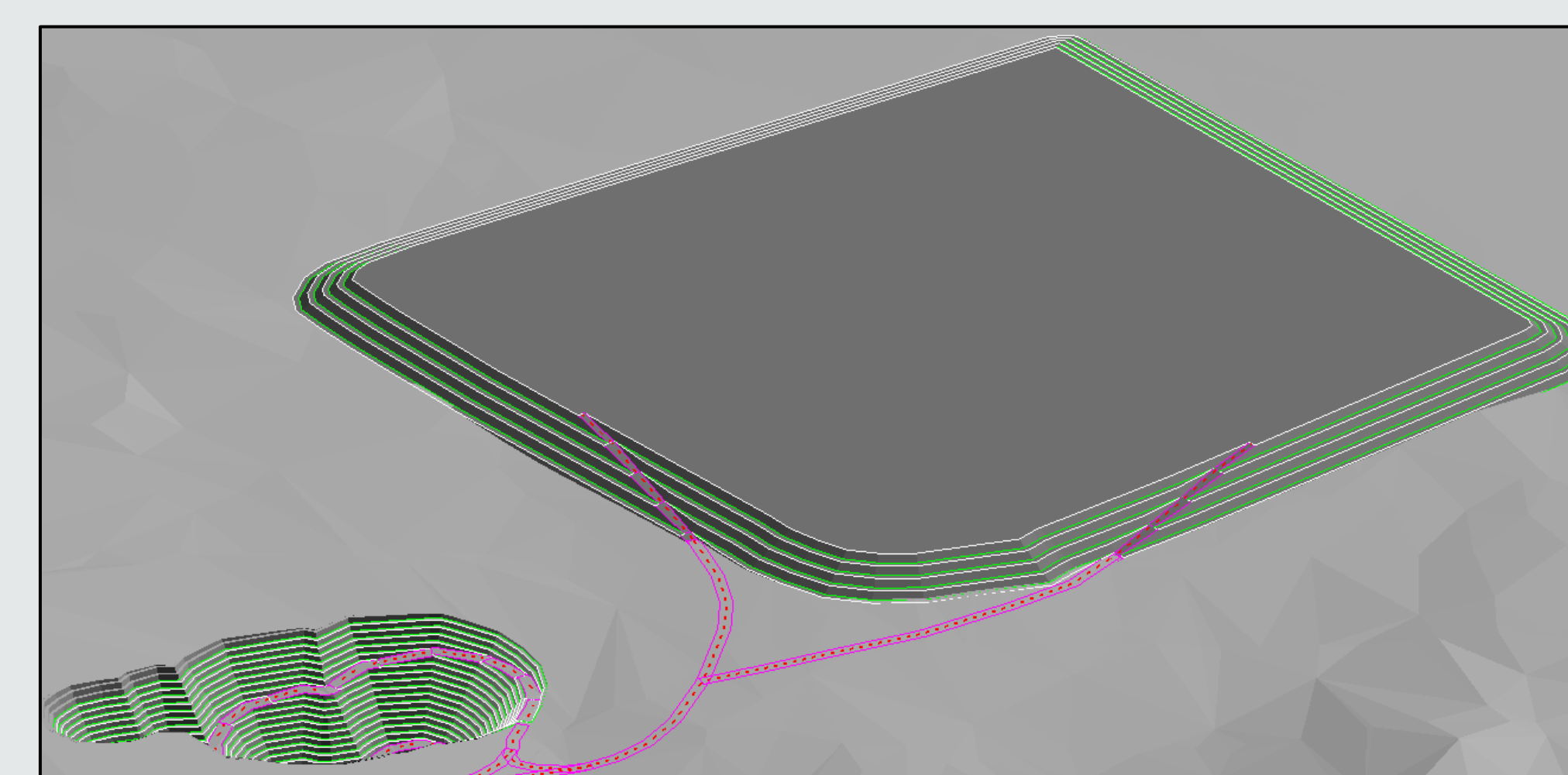
Mineral Processing



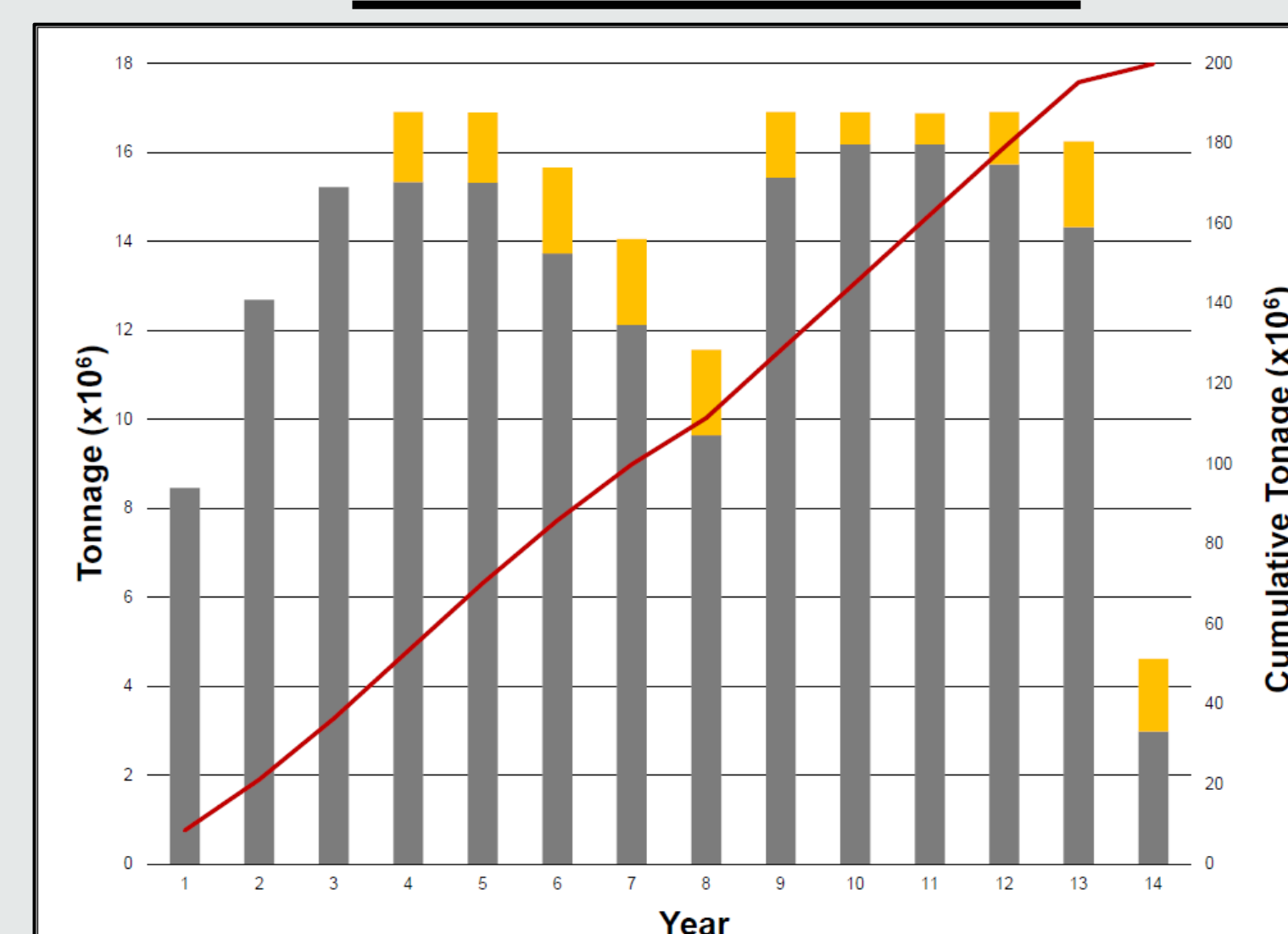
- Mill maximum capacity 5,550 tpd.
- Processing ore will require 6,172 m³ of water per day and will be sourced from Du Chefs River.
- 90% of the water will be recycled processing ore with some minimal losses at the TMF from evaporation.
- Site will employ fog dust suppression systems and cover open areas in the mill to save 86 m³ of water per day.

Waste Dump Design

- 95.5 m³ (187Mt) of available dump space, sloped at 3:1, with an overall footprint of 255 ha.
- Waste dump will be reclaimed via dry cover & revegetation



Annual Production



Equipment Selection

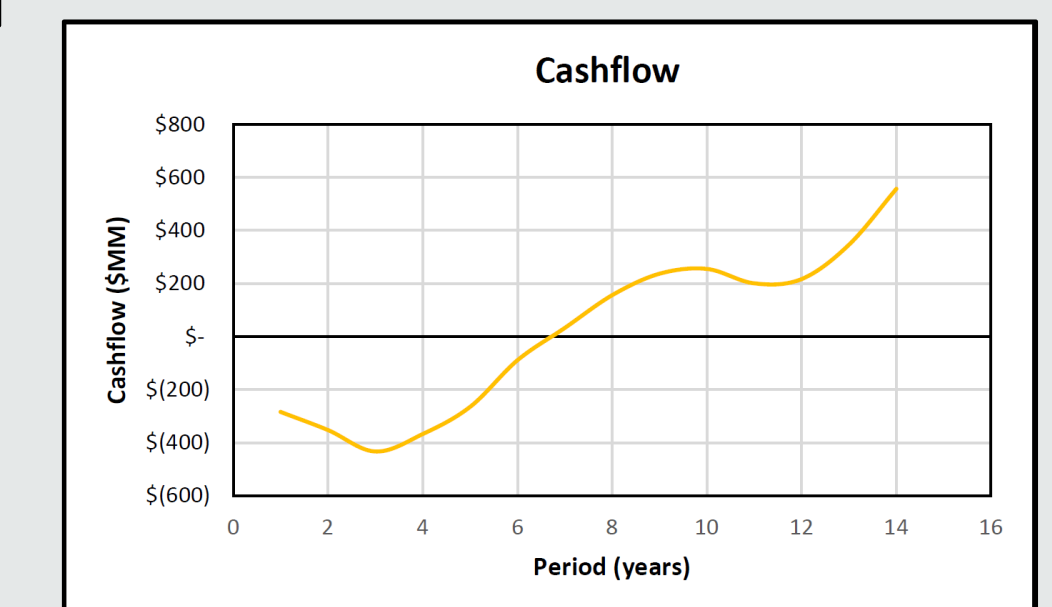
Equipment	Type	Capacity	Quantity	Cost (\$CAD)
Shovel	CAT 6020	12 m ³	2	\$ 8,632,000
Truck	CAT 777	100 t	10	\$ 17,500,863
Water Truck	CAT 770	9000 Gal.	1	\$ 3,643,375
Fuel Truck	CAT 725	3500 Gal.	1	\$ 688,250
Lube Truck	CAT 725	3500 Gal.	1	\$ 688,250
Grader	CAT	16ft. Blade	2	\$ 1,269,263
Wheel Loader	CAT 926M	3 cu.yd	1	\$ 300,750
Dozer	CAT D8	310 m ³ /hr	5	\$ 1,875,000
Drill	Sandvik D245X	5-8" Rotary	3	\$ 4,539,750
Mechanic truck	F450		2	\$ 556,750
Tire Services	F450		2	\$ 452,750
Light Vehicles	F350	6 Persons	10	\$ 1,250,000
Total				\$ 41,397,000

Economics

Item	Capital Expenditure Cost (\$CAD)
Equipment	\$ 41,397,000
Milling	\$ 121,842,467
Engineering	\$ 35,000,000
Buildings	\$ 36,250,000
Total	\$ 234,489,467

Item	Value
Pre-Tax NPV	\$ 270,452,828
NPV	\$ 100,828,332
Discount Rate	9%
IRR	13%
Pay Back Period	6 Years

Item	Operational Expenditure Cost (\$CAD)/Year
Mining	\$ 71,428,571
Site Services	\$ 3,081,100
Reclamation/Closure	\$ 1,440,000
Total	\$ 75,949,671.00



Geotechnical Conditions

Parameter	DCN
Inter Friction Angle (°)	58
Cohesion (Mpa)	25
UCS (Mpa)	188
Tensile Strength (Mpa)	14
Poissons Ratio	0.12
Young Modulus (Gpa)	45

- Main failure mechanism: circular failure.
- Main rock type: Quartz diorite
- Geological structures and hydrogeology do not play a major role in slope stability.

Conclusion and Recommendations

- NPV = \$100,828,332 at a 9% Discount Rate.
- IRR = 13%
- 14 years mining life.
- 16.7 Mt of ore mined at a 2.59 g/t average.
 - 1,242,000 Oz of gold recovered.
- Rock Bottom mining believes this project is feasible.
- Continued Exploration on the deposit is recommended, as the deposit is open at depth.

References

