

Borden Safety

Design for safety from day 1

Current safety performance RIF = 0 Project envisions safety into the design

No portable ladders on site

All raises to be excavated via raise bore or drop raise

No hand held drill (jack leg and stopper)

No compressed air (reduce risk of accident)

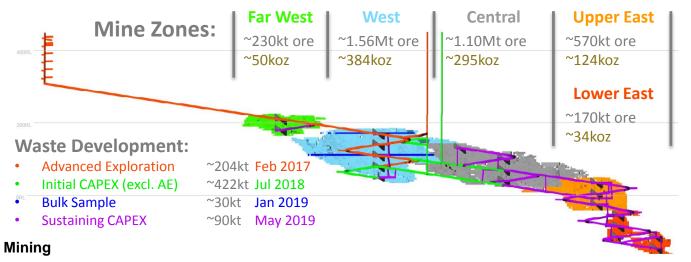
 Emergency response measures incorporated in design philosophy

Contractor selection based on safety

- Tagging and tracking system
- Closed cabs on equipment
- No or little diesel combustion
- Network of gas sensors
- Proximity detection



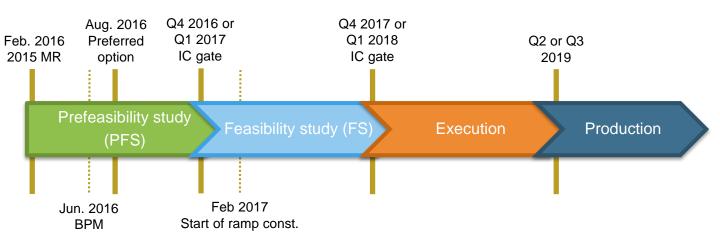
What is Borden? 5 distinct mining zones – developed in 3 phases



- 15m longhole retreat factored 24% dilution
- ~2000tpd ore @ 7gpt to mill using proven production rates
- 5x5m main haulage drifts
- Diesel trucks & tethered (electric) scoops until quick-charge battery alternate is viable.
- Battery electric equipment
- Lom: 9 years based on current indicated resources only
- Economic cutoff range 3.25-3.75 gpt, indicated resources 1.5 MOz/7 Mt @ 6.8 gpt
- Cemented rock fill with waste backhaul from PGM for waste requirement



Current stage of the project studies



Project still in study phases.



Borden Innovations – a green, silent and invisible mine

Borden a future mine.... a mine of the future

- Jumbo's equipped to drill 6m round with 25kW drills
- Automated jumbo, drill and tele operated scoop from day 1
- Tethered scoops offer more power than diesel
- All mobile equipment on 1000V
- Compressor less mine
- Most equipment is battery operated with fast charge battery
- Ventilation on demand with fans on VFD
- Consideration for LNG for long term mine air heating
- Pump stations on VFDs
- No hand held drill



Fleet

2017 fleet purchase

To be ordered

#	of Units	Equipment				
	2	Truck 42 T Sandvik diesel				
	2	LHD 14T Sandvik				
	2	Electrical jumbo				
	2	MacLean bolter				
	1	Cassette carrier CS3				
	1	Magnum crane cassette				
	2	McLean scissor lift				
	1	Maclean E-Concrete mixer				
	2	Electrical land cruiser				
	1	CS3 Emulsion carrier				
	1	Flat Deck Cassette for Orica Maxiloader 5344				
	1	Man Basket Cassette for Orica 1240				
	1	McLean block holer				
	1	Electrical grader				
	1	Minecat tractors - face prep				
	1	Minecat tractors - electrician				
	9	Batteries Maclean				
	2	Batteries Sandvik				
		Ordered				





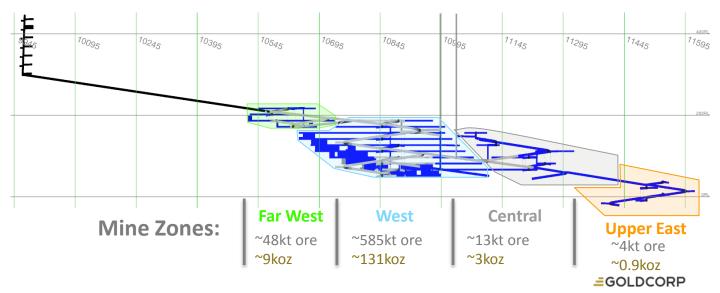




Development and Stope Sequence: 2017 - 2019

Legend	Year (Start)	Waste		Ore (Development)			Ore (Stopes)	
	2017	1,700m	110 kt	-	-	-	-	-
	2018	4,400m	340 kt	750 m	45 kt	11 koz	5 kt	0.7 koz
	2019	6,500m	460 kt	4,100 m	250 kt	58 koz	350 kt	74 koz

Longsection View Looking North



Indicative Labor Review

Key Insights

- Focus:

- First nation inclusion
- Local employment
- Providing sufficient training to create local opportunities
- Use of contractors (labour rental):
 - In the initial steps of development
 - Specific selection process from Goldcorp's management
- Gradual transition from contractors to Goldcorp personnel
 - From 2017 through 2019 move employees from contractors status to Goldcorp status
 - Allows to evaluate and recruit best performers

Number of Employees + Contractors

