



Roca Mines Inc.
Mining | Metals | Money | Q2 2012



Forward Looking Info

This presentation includes certain “forward-looking information” within the meaning of the Securities Act (British Columbia). All statements regarding anticipated exploration costs, projected starting dates for production and forecasted revenues are forward-looking statements that involve various risks and uncertainties. There can be no assurance that actual exploration costs will be in line with forecasted budgets, that the projects will commence production as anticipated or that the projects will produce the revenue forecasted. Important factors that could cause actual results to differ materially from these forward-looking statements include: exploration results that do not meet with the expectations of management, shortage of skilled labour, shortage of appropriate equipment and other factors disclosed under the heading “Risk Factors” and elsewhere in Roca Mines Inc. documents filed from time to time with the British Columbia Securities Commission and other regulatory authorities.

Roca Mines Inc. management has provided project modeling by making assumptions about mining costs to make inferences relating to geological material available for mining calculations. These project models are for informational purposes only and cannot be relied upon.



Metals in Demand

- Roca's core strengths include skills to acquire, explore, permit, and develop metal mining projects
- In 2008 the Company delivered the **MAX Molybdenum Mine located in SE BC**
- Roca also owns advanced exploration projects in BC targeting; Molybdenum, Tungsten, Copper, Lead, Zinc and Gold
- As the global economy recovers the demand for Molybdenum and other specialty and base metals will increase
- The supply from existing mines is seriously constrained...

Roca's MAX Molybdenum Mine





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Metals Asset Mix

- **MAX Molybdenum Mine (100%)** located in SE BC
- MAX also has additional exploration potential for specialty metals used in the steel industry: **molybdenum** and **tungsten**
- **Foremore VHMS+Gold Project (100%)** located in NW BC comprising numerous **precious** and **base metal** targets near Galore Creek
- **SeaGold (50%) Project** in NW BC
- Mexican subsidiary **Minera ROK (100%)**; evaluating project opportunities





MAX: Summary

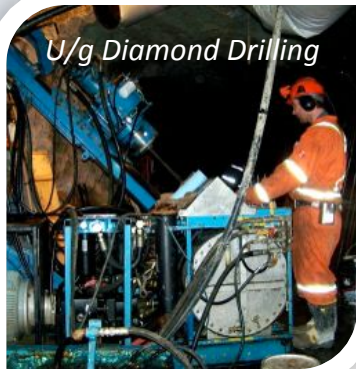
- 80 km south of Revelstoke, BC
- Explored by Newmont and Esso Minerals late 1970s-early 1980's
- Permitted and constructed by FortyTwo Metals (100% Roca) in 2005-2007
- Commercial Production at Phase 1 500 tpd rate in Q2 2008
- Produced 4.8 m lbs. molybdenum in concentrate to NOV-11
- High quality concentrate is sold through off-take 'at gate'
- Average head grade is 0.5% Mo
- Average process recoveries of 96%
- Temporary shutdown Q3 2011 pending working capital investment

Roca's MAX Molybdenum Mill & Concentrator

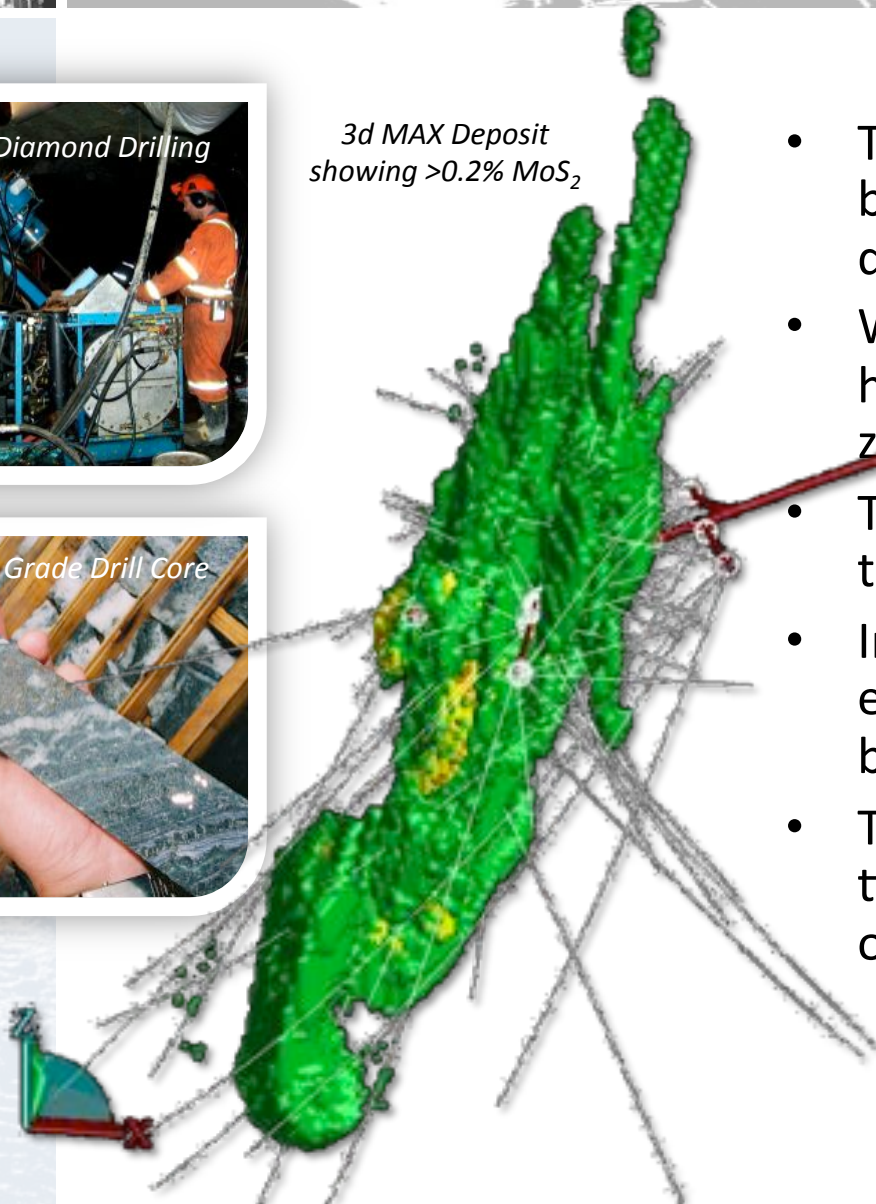
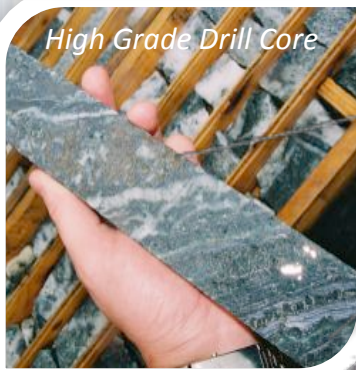




MAX: Geology & Exploration



3d MAX Deposit showing >0.2% MoS₂

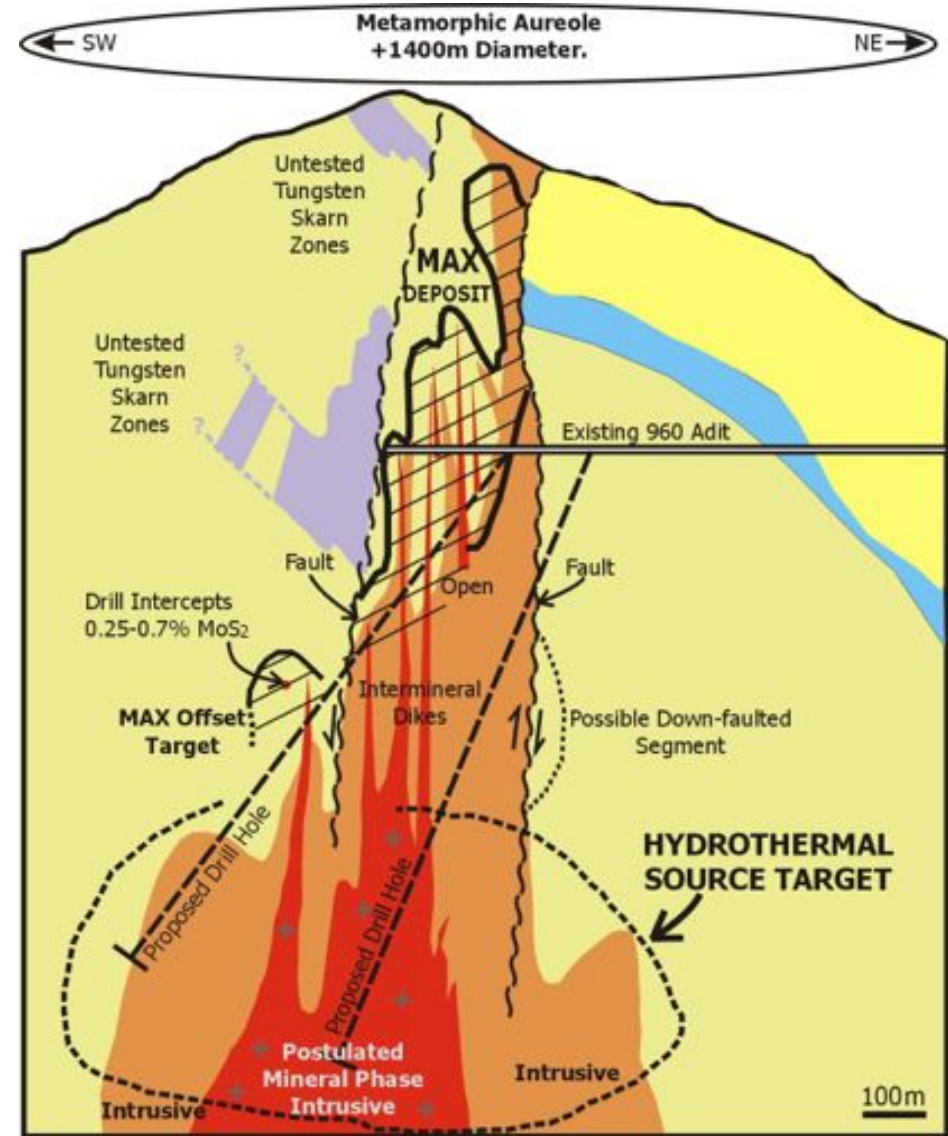


- The MAX deposit is well-defined by surface and underground drilling and sampling
- Within the large resource several high grade, vertically oriented zones are identified
- The 'Main Zone' was the initial target for Phase 1 mining
- In addition to the Main Zone extension, other known zones will be developed for Phase 2
- The 'known' resource may be the tip of the iceberg, the deposit is open at depth



MAX: Exploration Potential

- Currently Mining the top of a large porphyry system
- Large metamorphic aureole on surface implies large scale deep-seated intrusive
- Faulting provides plumbing system for many intermineral dikes
- Mineralized intrusive rocks observed in drilling at depth
- Multiphase or “stacked” like Henderson or Climax deposits?
- ‘Repeats’ of this setting may exist along fault system
- Untested tungsten zones associated with intrusive





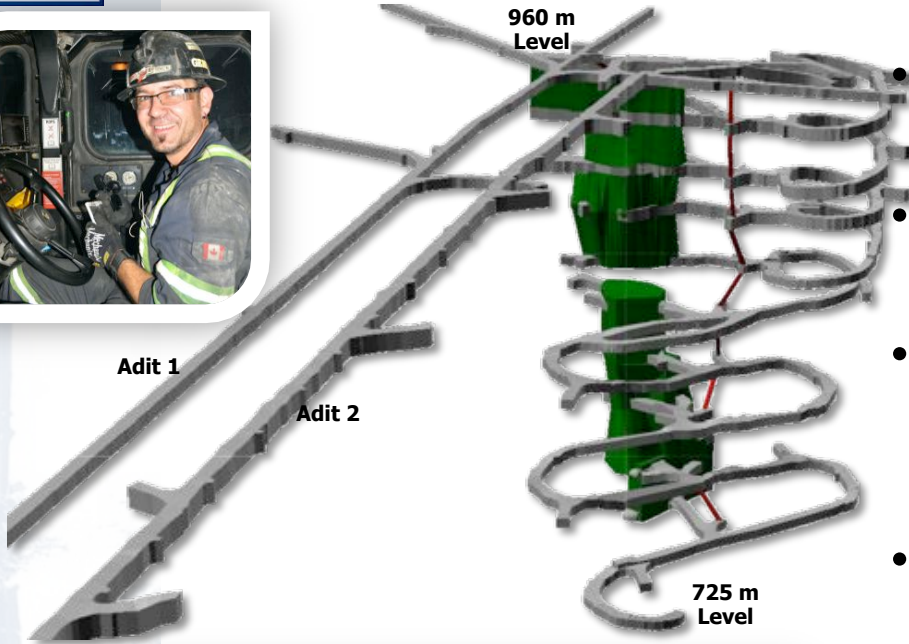
MAX: Underground Mine

3d Model of Underground Mine Development



Adit 1

Adit 2



960 m Level

725 m Level

- Phase 1 – 500 tpd mine includes open stoping with 25m sub-levels
- Access provided by twin/parallel adits at the 960 m level
- Conventional underground development by local mine development contractors
- Production mining from single blasthole stope with truck haulage to surface
- Fully Permitted Phase 2 – 1,000tpd mine plan adds flexibility with multiple operating stopes, backfill system and reduction of unit costs

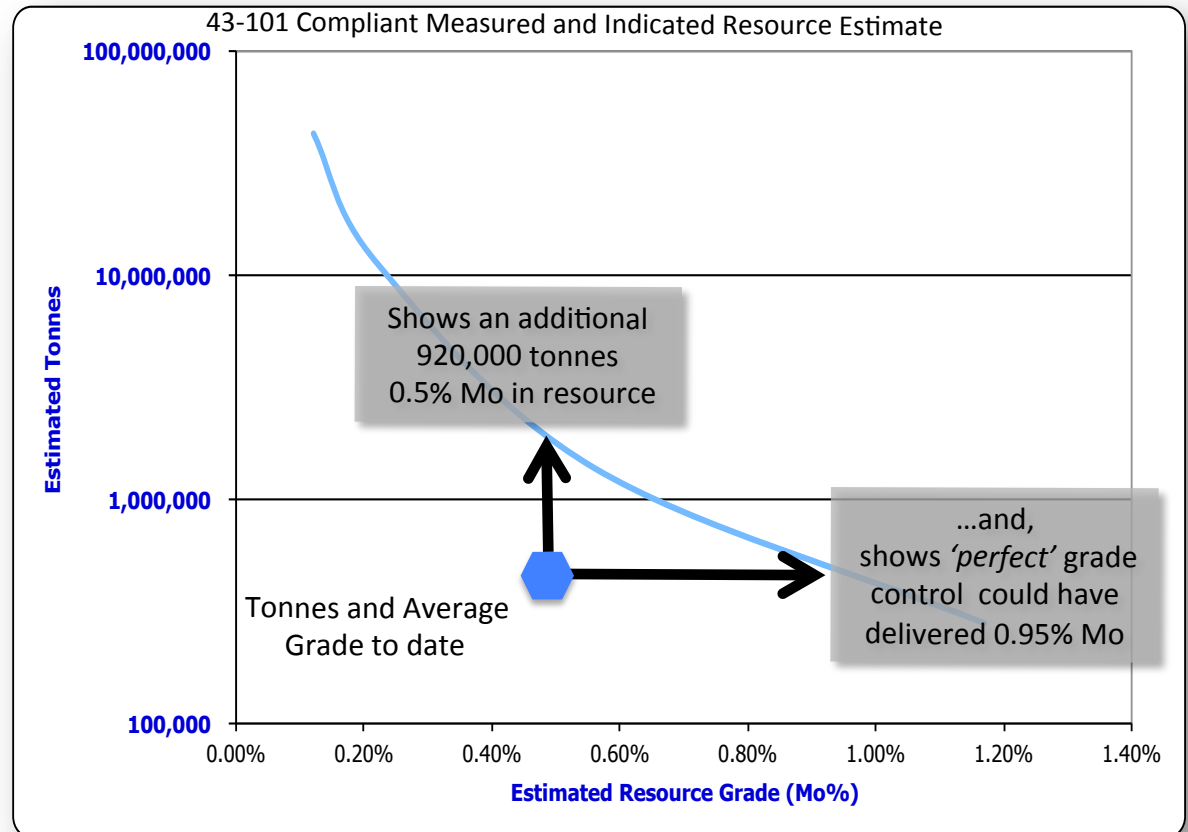
30 tonne Truck Haulage





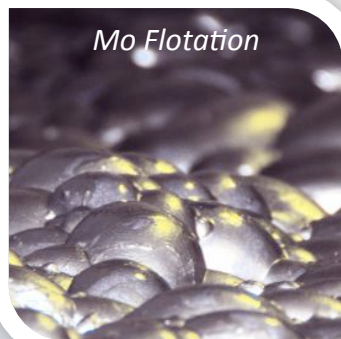
Phase 1 Production Summary

- Comparison of the production history with the resource estimate highlights that average head grades are low
- Suggests that an additional 920,000 tonnes exists at a target grade of 0.5% Mo
- Also, shows that greater infill drilling and control are required to maximize delivered grade from stopes





MAX: Processing



- Conventional crushing, grinding and flotation concentration
- Average life of mine recoveries are 96%
- Molybdenum concentrate is thickened, filtered and dried
- Final product is bagged, weighed and assayed at site
- Concentrate sold 'at gate', shipped and insured by buyer
- Expansion to Phase 2 - 1,000 tpd roughly 90% complete



MAX: Sustainability



Famous Gerrard Trout



Water Quality Monitoring



2009 Sustainability Award



Trout Lake / Wilkie Creek

- Located in beautiful Trout Lake area of SE BC
- In-land rainforest with high annual precipitation
- Active logging industry since late 1800's
- Important sport fishing lake producing large Gerrard trout
- Water quality and other monitoring programs are an important part of the operation
- MAX won the 2009 BC Mining and Sustainability Award



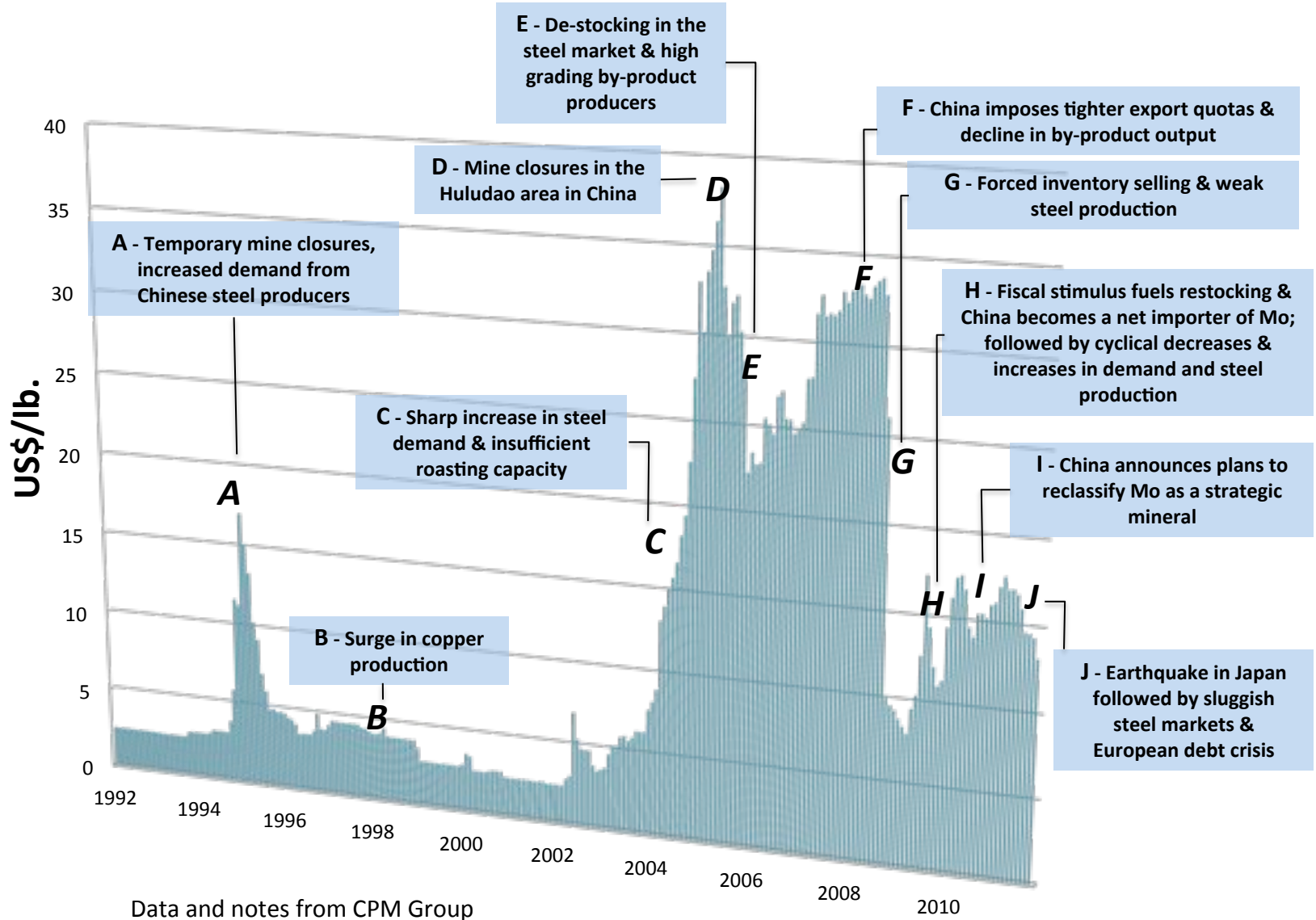
Specialty Steels



- Molybdenum concentrates from the MAX Mine are used to make specialty steel products
- Increasing demand for specialty steel is rising from the **automotive industry** (lighter frames), **infrastructure** (bridges, pipelines, drill steel, wind turbines, nuclear power plants, rail); engineered products demanding long service life and corrosion resistance
- Steel producers are most sensitive to supply of molybdenum, not its price (small addition rates), therefore little volume is stockpiled



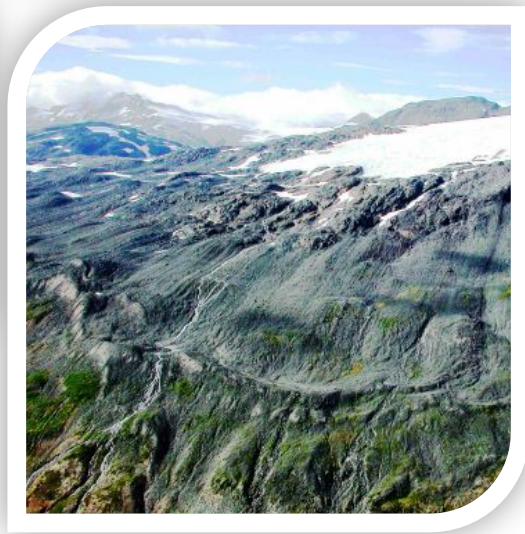
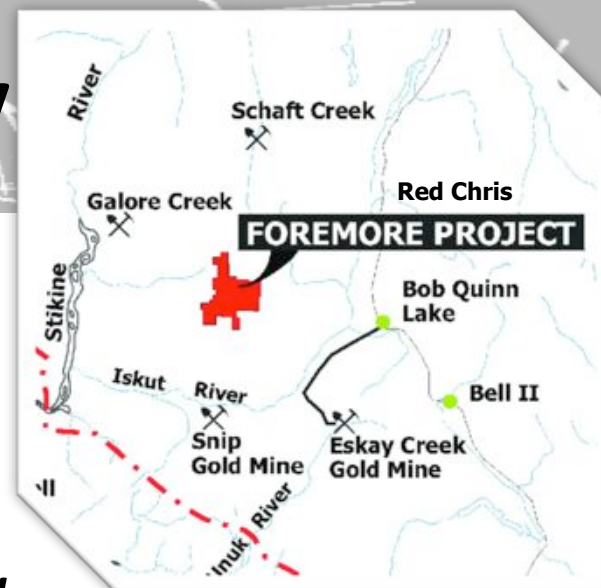
Moly Price and Triggers





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Foremore: Summary



- **Drill-ready**
- Retreating ice and previously unmapped terrain
- 8 VHMS +Gold Target areas on large property area
- Extensive VHMS (zinc, lead, gold, silver) zones
- High-grade Gold/Silver targets
- Prolific Eskey/Iskut Camp location
- Road access and infrastructure being developed by Galore Creek project



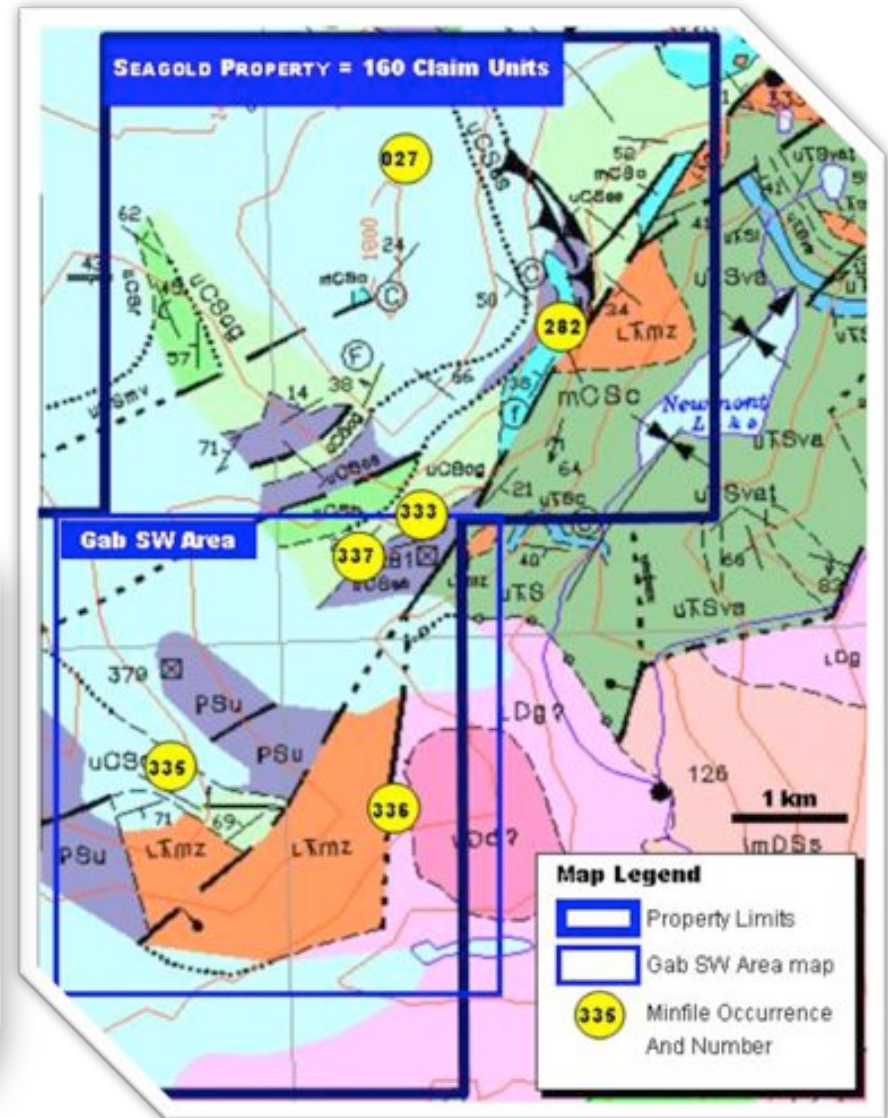
SeaGold: Summary

Northwest (or McLymont)
selected drill results on NE-SW
trending structure, including:

- 11.2m @ 55.02 g/t Au, 1,362.1 g/t Ag (1987)
- 9.1m @ 13.85 g/t Au (1987)
- 7.2m @ 6.58 g/t Au (1989)
- 3.9m @ 10.59 g/t Au (1989)



Boulder Zone looking north-east to the McLymont NW Zone.





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- Light is at the end of the tunnel...
- As the world recovers the demand for “growth” metals, such as specialty steel alloying **Molybdenum** and **Tungsten** will increase
- Markets for these metals are opaque, heavily influenced by China, but supply is fundamentally constrained
- The Company is diversified with base metals and precious metals exposure
- **Roca presents a unique and undervalued investment; working capital for the MAX Mine will generate cash-flow and exploration upside**





Management

Scott Broughton, P.Eng. – President, CEO & Director

Scott Broughton is a mining engineer with over 25 years of industry experience in exploration, mine design, mine development and operations. He is a founding director of Roca and has been involved in all aspects of marketing and financing for the Company. He is a recipient of the E.A. Scholz Award (2008) and the BC Mining and Sustainability Award (2009); Scott is also President & CEO of Stikine Energy Corp.

David Skerlec, CFA, MBA - CFO, Secretary and Director

David Skerlec has 25 years of industry experience in exploration, mining and corporate financing. He is a founding director of Roca and has been involved in all aspects of financing for the Company. He is a recipient of the E.A. Scholz Award (2008) and the BC Mining and Sustainability Award (2009); David is also CFO Stikine Energy Corp.

Bob Chambers, P.Eng. – VP, Environment and Sustainability

Bob Chambers is a geotechnical engineer with over 25 years experience in site assessment, geotechnical design and environmental aspects of tailings, mine rock and water management for mines. He has worked at a wide variety of mine sites around the world.

John Baker - Director

Geologist with over 40 years of experience in the minerals exploration industry, including directing large exploration efforts in British Columbia during the 1970's and 80's, and at various times significant exploration programs conducted in Ireland, Alaska, Nevada and Mexico.



Roca Mines Inc.



TSXv Ticker	ROK
Shares outstanding	~ 125 m
Share Price (12-JUL-12)	C\$ 0.05
Fully Diluted Market Cap	~C\$ 6 m
Management holding	8%

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