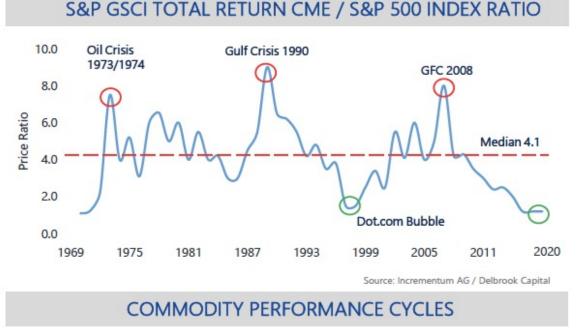
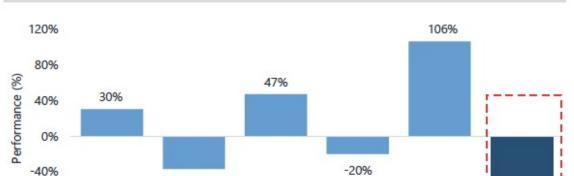
### COMMODITY VALUATIONS AT HISTORIC LOWS





1999-2000

2001

- Since 2008, the Bloomberg Commodities Index is down 60%; the S&P 500 is up more than 150%.
- S&P 500 Index appears expensive on a relative basis vs. the natural resources sector.
- The cyclicality and volatility of the resource sector makes it an ideal area for active managers who can take advantage of rapid market movements.
- We believe that select commodity fundamentals and macro-economic tailwinds are combining to make generational investment opportunity.
- Resource capital market underfunding and share price suppression vs. real value proposition gives rise to specific highreturn buying opportunities.



2002-2007

-60%

2008-2020

-80%

1991-1996

-37%

1997-1998

### INVESTMENT UNIVERSE

#### PRECIOUS METALS

#### **BASE & INDUSTRIAL METALS**

#### **ENERGY METALS**

- Gold
- Silver
- Platinum
- Palladium

- Copper
- Aluminum
- Nickel
- Iron
- Zinc
- Molybdenum
- Tin
- Coal
- Lead

- Coal
- Cobalt
- Nickel
- · Lithium
- Uranium



































>4,500 companies listed globally with total market capitalization of >\$2.0T



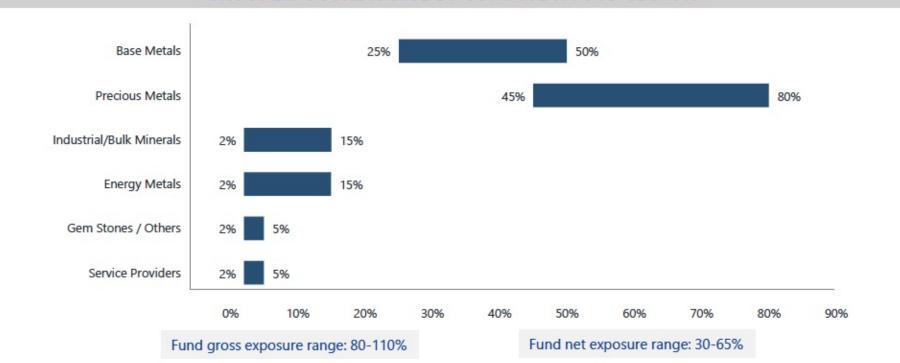
### INVESTMENT STRATEGIES

RELATIVE VALUE 25-35%

EVENT-DRIVEN 25-35%

LONG DURATION 20-30%

#### GROSS EXPOSURE RANGE BY COMMODITY SUB-SECTOR (1)



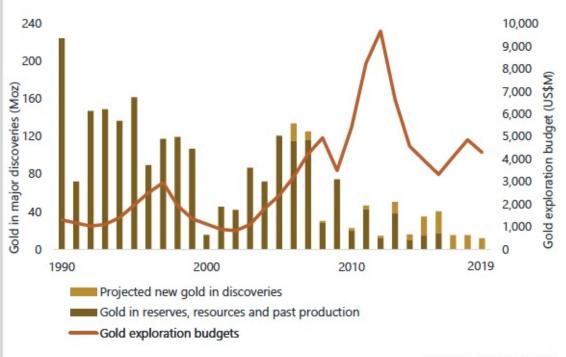
<sup>1.</sup> Since Inception date of September 2018

## NEW MAJOR GOLD DISCOVERIES ARE RARE

## PRECIOUS METALS – SETTING UP FOR A PERFECT STORM?

- Capital efficiency has declined substantially as "easy ounces" have been found, developed and mined.
- Collapse in precious metals prices has further dampened exploration budgets.
- <u>Bottom line</u>: lack of exploration capital will result in higher precious metals prices as reserves have not been replaced.

#### MAJOR<sup>1</sup> GOLD OUNCES ARE BECOMING HARDER TO FIND

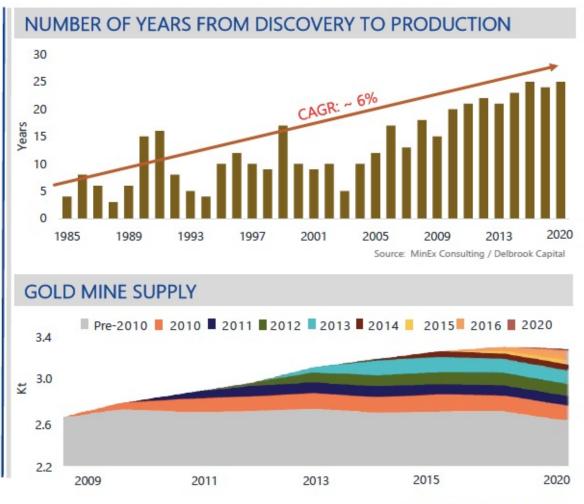




# GOLD SUPPLY CONTRIBUTION IS DECREASING YEAR OVER YEAR

#### **GOLD SUPPLY**

- The average number of years from deposit discovery to mine production has increased by 400% since 1985.
- Today, it takes approximately 20 years to bring a deposit from discovery into production.
- Year on year global mine supply contribution, from mines that went into production since 2010, has been decreasing. We have reached peak production.



Source: Metals Focus / Delbrook Capital

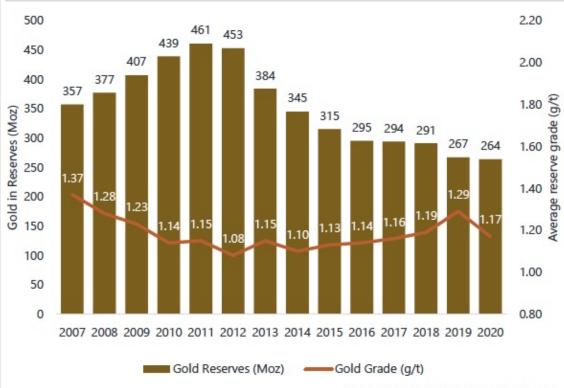


### GOLD GRADES ARE DECLINING

#### **GOLD RESERVES & GRADES**

- The average grade of major gold miners has decreased 15% over the last 15 years.
- Despite higher gold price for reserve calculations, gold reserves have declined by 25%.
- Declining grades and reserves will put upward pressure on gold prices and increase industry consolidation as companies backfill project pipelines to address underinvestment and depletion.

#### GOLD GRADES OF SENIOR PRODUCERS HAVE BEEN DECLINING



Source: Company Filings / TD / Delbrook Capital



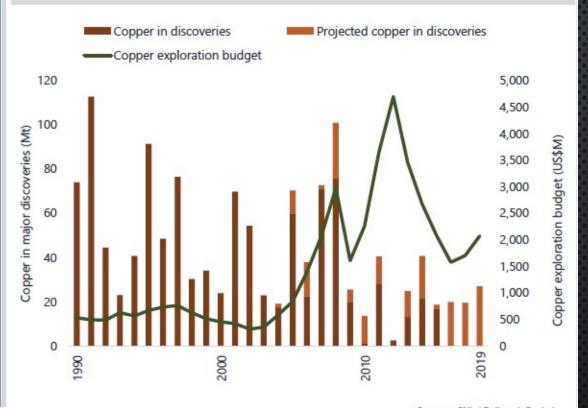
### LACK OF COPPER

#### **COPPER DISCOVERIES**

Although the >US\$28 billion allocated to copper exploration over the past decade is more than double the US\$10.5 billion spent over the preceding 17 years......

- The increased funding has so far failed to identify more copper discoveries.
- Only 150 Mt of copper was defined in 31 discoveries over the last 10 years, compared to 863 Mt in 190 discoveries in the preceding 18 years.
- <u>Bottom line</u>: easy copper has already been found, copper prices need to rise materially to attract higher exploration and development capital.

#### COPPER DISCOVERY RATES PLUMMET



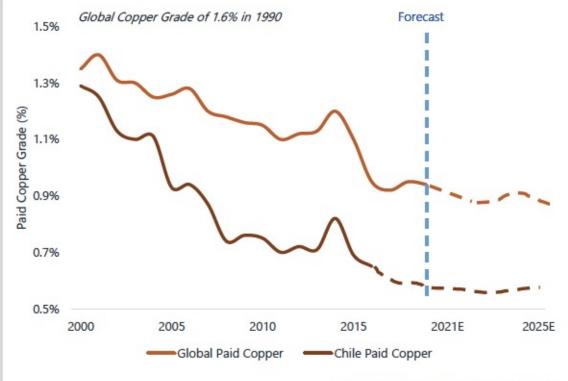


### COPPER GRADES ARE DECLINING

#### **COPPER GRADES**

- Global copper grades have significantly declined over the last 20 years.
- Chile, which is the world's top copper producer, must process larger amounts of rock to obtain the same of amount of copper it used to a decade ago.
- Decrease in global copper grades will put upward pressure on copper prices.

#### GLOBAL COPPER GRADES HAVE BEEN DECLINING SINCE 2000



Sources: Wood Mackenzie / CEMI / Delbrook Capital



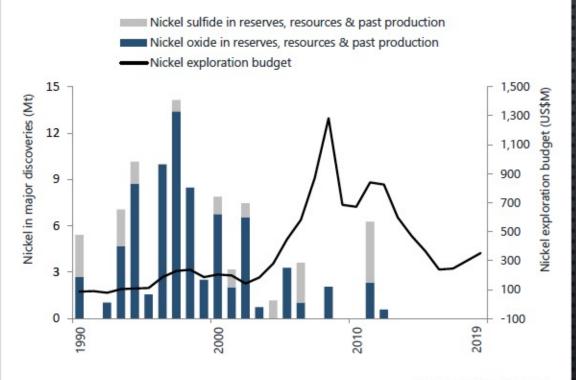
### LACK OF NICKEL

#### **NICKEL DISCOVERIES**

Although the >US\$5.5 billion allocated to nickel exploration over the past decade is equal to US\$5.5 billion spent over the preceding 19 years......

- The increased funding has so far failed to identify more nickel discoveries.
- Only 6 Mt of nickel was defined in 2 major discoveries over the last 10 years, compared to 90 Mt in 20 discoveries in the preceding 19 years.
- <u>Bottom line</u>: easy nickel has already been found, nickel prices need to rise materially to attract higher exploration and development capital.

#### NICKEL DISCOVERY RATES PLUMMET





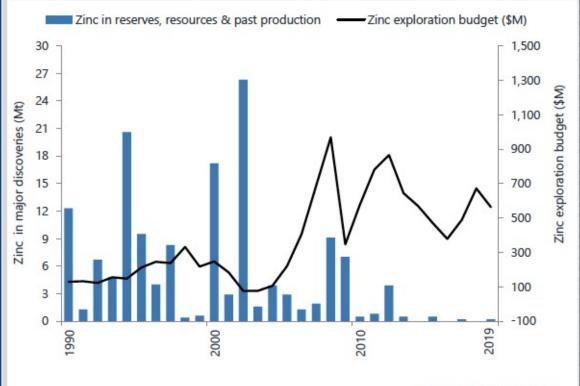
### LACK OF ZINC

#### ZINC DISCOVERIES

Although the US\$6.3 billion allocated to zinc exploration over the past decade is higher than US\$5.0 billion spent over the preceding 19 years......

- The increased funding has so far failed to identify more zinc discoveries.
- Only 14 Mt of zinc was defined in 11 major discoveries over the last 10 years, compared to 135 Mt in 19 discoveries in the preceding 19 years.
- <u>Bottom line</u>: easy zinc has already been found, zinc prices need to rise materially to attract higher exploration and development capital.

#### ZINC DISCOVERY RATES PLUMMET





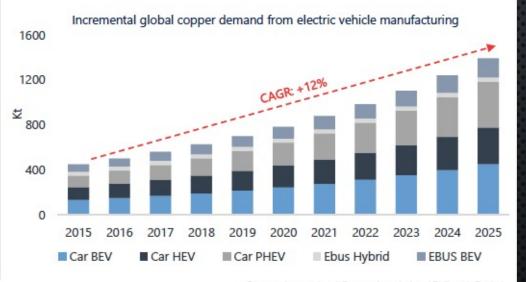
# TECHNOLOGICAL INNOVATION ACCELERATING DEMAND

#### **DEMAND PROJECTIONS STAGGERING**

- The rapid adoption of EV technology will lead to materially increased demand for several commodities.
- Naïve to assume the composition of EV batteries won't change over next 5-10 years.







Sources: International Copper Association / Delbrook Capital



# STRATEGIC METALS - VANADIUM and COBALT

#### VANADIUM MARKET

- Closure of Mapochs mine in South Africa has removed 11,000 of vanadium from the market (~13% of supply), putting upward pressure on prices.
- New Chinese environmental regulations and import ban on scrap metals have further tightened the market.

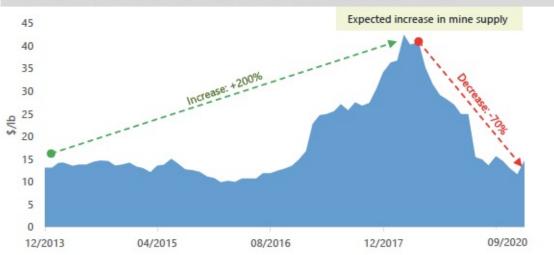
#### **COBALT MARKET**

- Due to supply concerns, cobalt price has spiked in 2018.
- However, expected cobalt supply increase has erased the price hike.
- <u>Bottom line:</u> Hedge Fund structure allows alpha to be generated in a rapidly changing commodity environment.

#### VANADIUM PRICE HAS SPIKED TO ALL TIME HIGHS



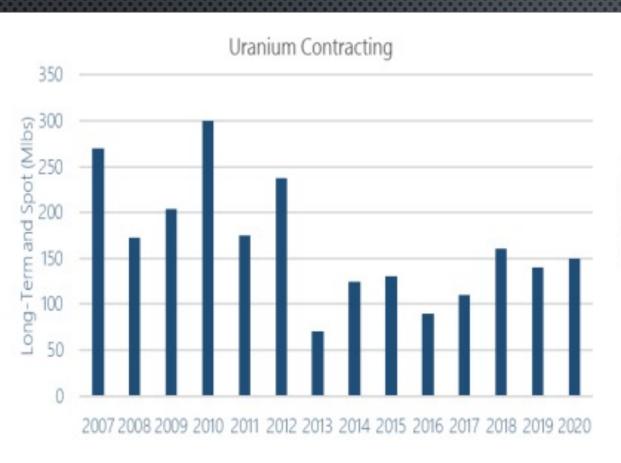
#### COBALT PRICE DECREASES AMID MINE SUPPLY RISE



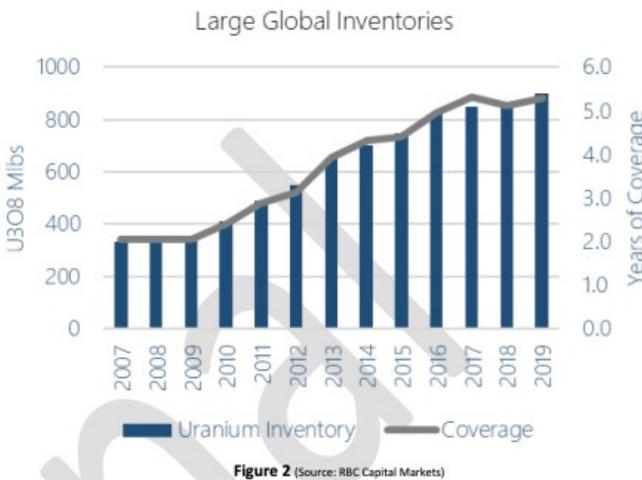




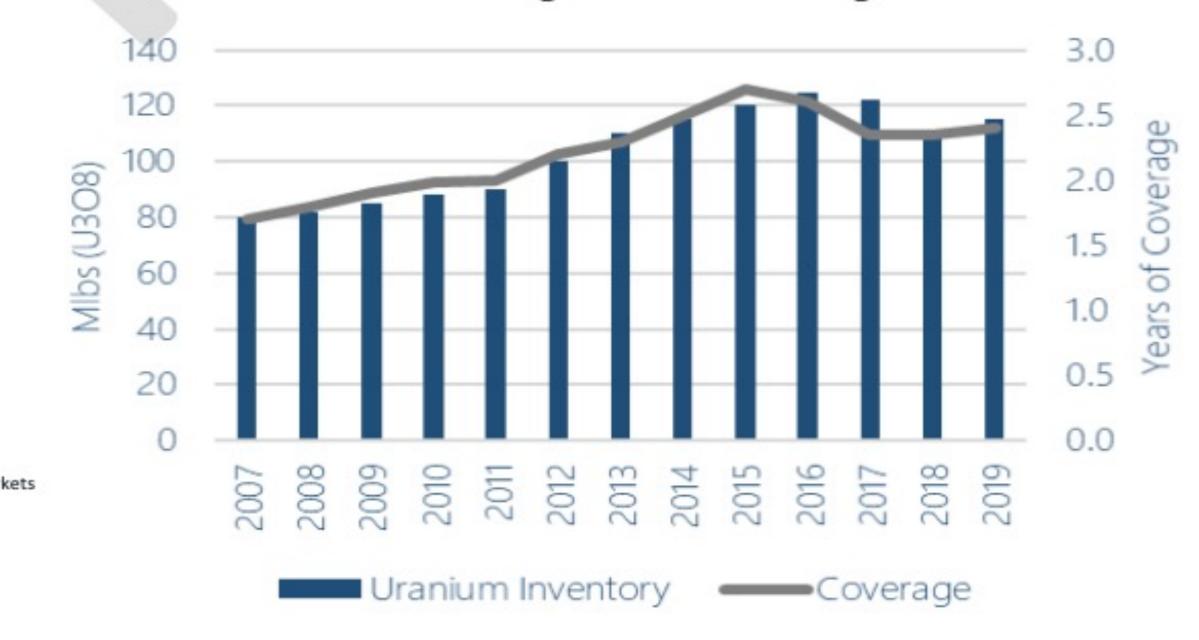
Graph 1 (Source: Capital IQ)







## US Coverage is above average



#### 2016 U3O8 Production Ranked on Total Cash Cost\*

Actual Money of the Day

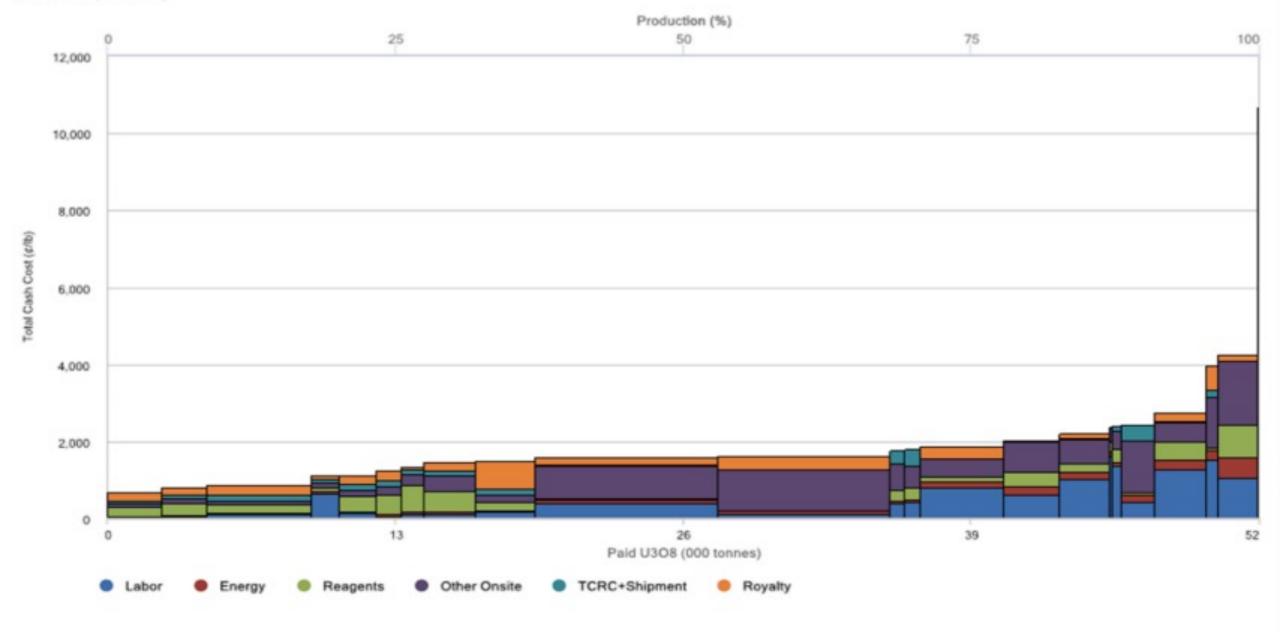


Figure 4 (Source: SNL)



