



# NQ



## Corporate Overview

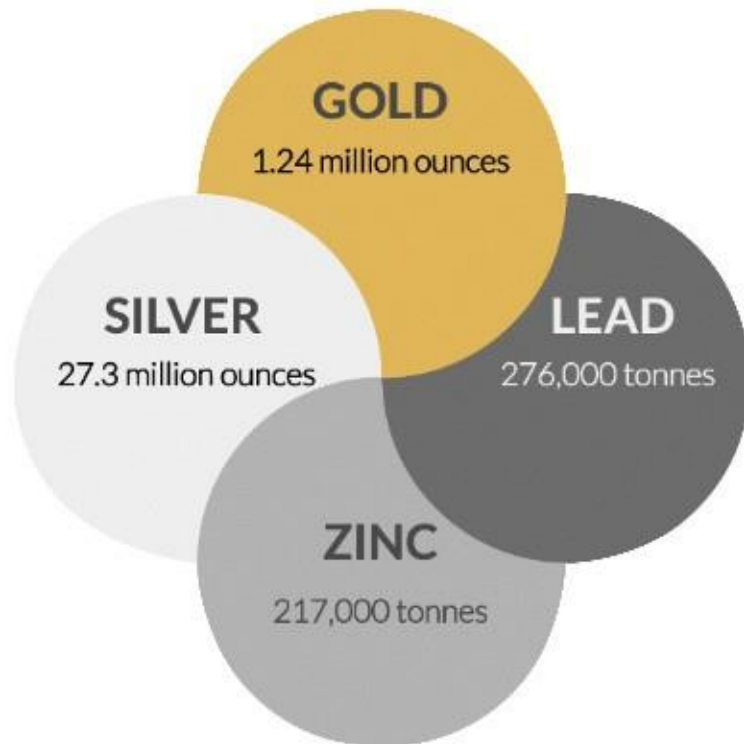
# 2020

All supporting information, disclaimers, JORC Compliant resource reports and technical data is available on NQ Minerals Plc website [@nqminerals.com](https://www.nqminerals.com)

This document is not intended to solicit buying in NQ's shares on any of the trading platforms that NQ trades. Please consult a professional authorised financial adviser if you are considering buying NQ Mineral's shares.



# Reserves & Resources Inventory



## Hellyer Mine

Commissioned in Oct 2018

835,877 tonnes produced 2019

1.2 million tonnes estimated for 2020

1.4 million tonnes per year estimated from 2021



## Beaconsfield Gold Mine

Acquired June 2020

First gold production planned end of 2020

483,000 ounces and 10.3 g/t resource



## 2 Mines in Tasmania, Australia

Hellyer Mine in Production – lead/zinc/silver/gold

Beaconsfield moving to production - gold

Reserves and Resources can be viewed on the the Company's website

# Summary Overview

David Lenigas

“Australia is a great place to mine. Mining is important to Australia and is regarded as an essential sector in this COVID-19 world”

## Hellyer Mine Polymetallic

Hellyer is NQ Mineral's flagship mining operation. The world class Hellyer underground mine, on the West Coast of Tasmania, in Australia, began production in 1989 under the ownership of Aberfoyle Limited. NQ commenced Lead|Zinc|Gold|Silver production in 2018 with an initial 10-year minelife.

## Beaconsfield Goldmine

In June 2020, NQ Minerals acquired a 100% interest in the historic high-grade Beaconsfield Gold Mine in Tasmania.

A new Mineral Resource report has found that the resource in the lower section of Beaconsfield Gold Mine has increased to 1.454 million tonnes grading 10.3 grams per tonne (g/t) for 483,000 ounces of gold.

## Barnes Hill Project Nickel/Cobalt

In June 2019 after NQ announced an investment into Tasmania Energy metals in order to develop an integrated facility to produce Nickel and Cobalt at Bell Bay Tasmania.

This facility would utilise the the pyrite/precious metals concentrate from the Hellyer Mine to produce low cost sulphuric acid which could then be used in the production of nickel-cobalt.



## Ukalunda Gold Project – Queensland Australia

Ukalunda tenements, located 300 km South from Townsville have excellent potential to host a gold deposit of size. There are multiple shows of mineralisation of similar characteristics to major deposits in the regions, such as the historic Wirralie Gold Mine, with its previously produced 1.1 million ounces of gold.

## Square Post Gold Project – Queensland Australia

The 168km<sup>2</sup> Square Post licenses lie close to the main Flinders Highway only 50km south of the city of Townsville. The area is considered highly prospective for gold and is considered underexplored.



# Introduction to Hellyer Project

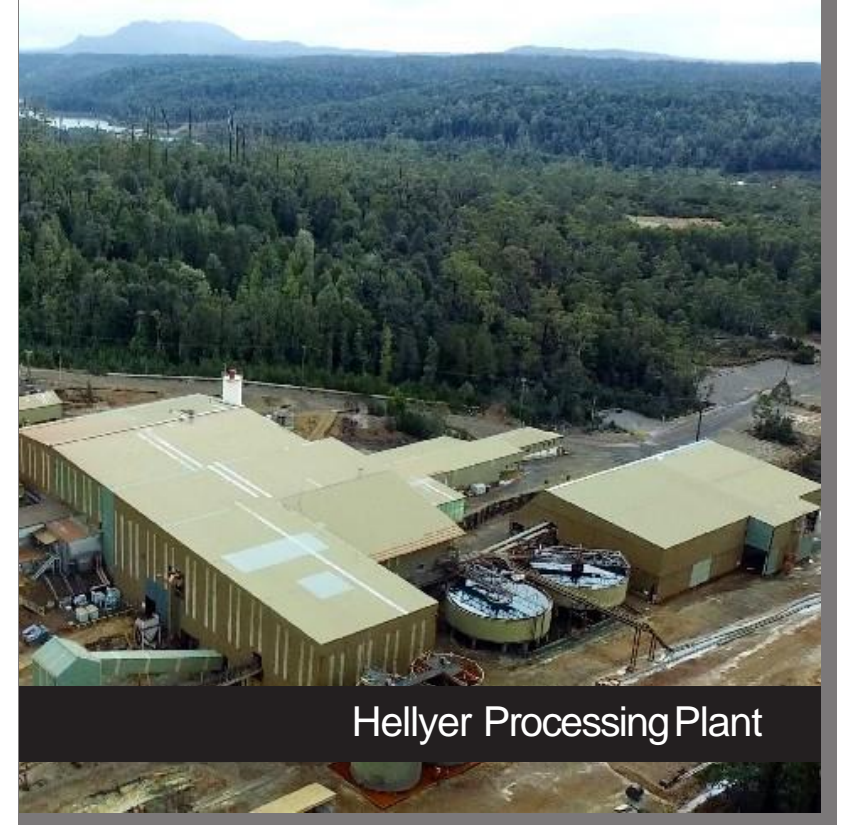
“Hellyer is NQ’s flagship asset and will provide significant returns to shareholders over the coming decades”

## Hellyer Polymetallic Mine

At acquisition, the Hellyer project comprised a 9.25mt JORC compliant Resource and an insitu mothballed processing plant. NQ’s evaluation of the Hellyer Project indicated the opportunity to process and extensively commercialise the 11.24 mt in-situ tailings comprising a 9.25 mt JORC(2012)compliant resource at:

- | Gold at 2.57 g/t (764,300 oz)
- | Silver at 92 g/t (27.4 million oz)
- | Lead at 2.99% (276,600tonnes)
- | Zinc at 2.57% (217,400tonnes)

“NQ is now processing over 1.2Mtpa of high-grade ore from Hellyer’s old tailings dam, wiuth plans to increase production rates further in 2020 and 2021. Lead and zinc concentrates with significant gold and silver credits are trucked a short distance to the Port of Burnie.”



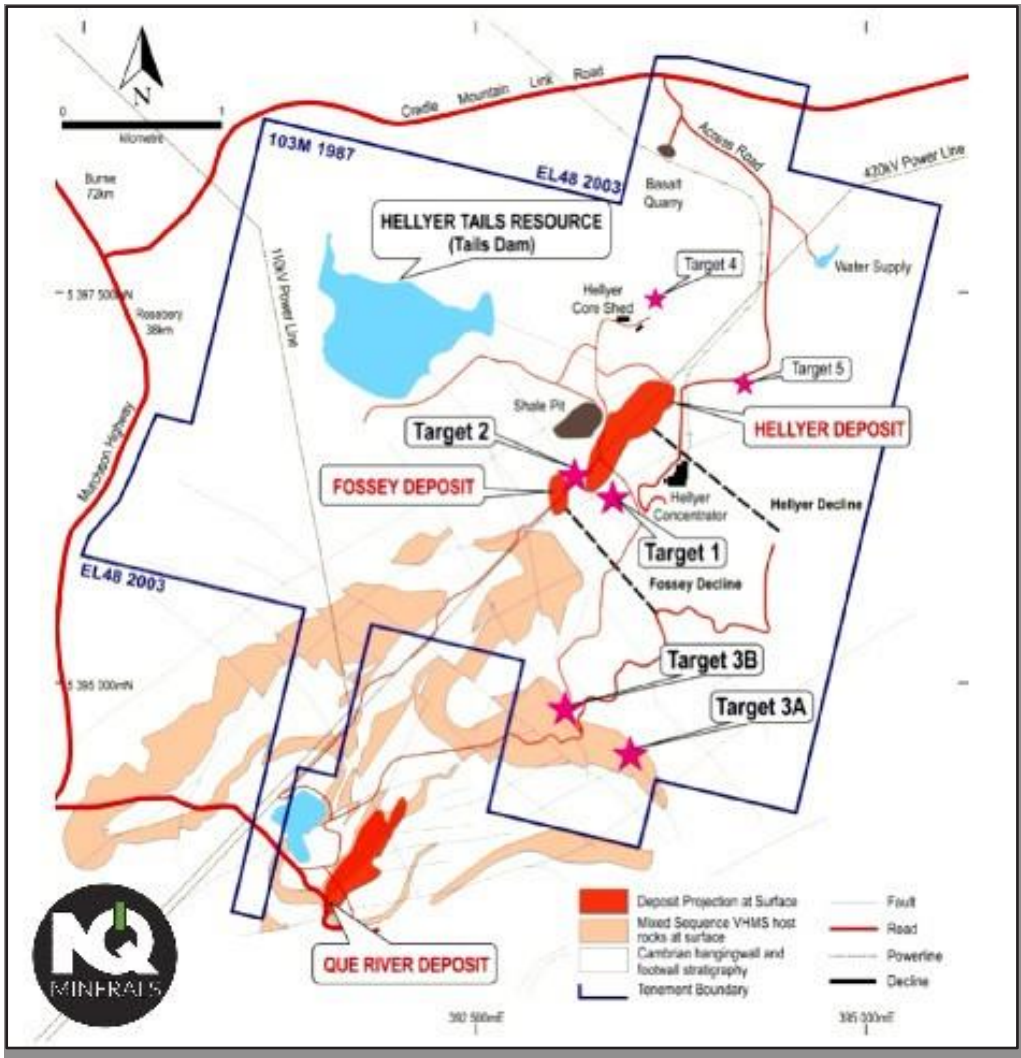
Hellyer Processing Plant

	GOLD	SILVER	LEAD	ZINC
RESERVES* - 8.04mt	664,300 oz 2.57 g/t	24,153,000 oz 93 g/t	245,400 tons 3.05%	205,000 tons 2.55%
RESOURCE* - 9.25mt	764,300 oz 2.57 g/t	27,360,300 oz 92 g/t	276,600 tons 2.99%	217,400 tons 2.57%

Hellyer JORC COMPLIANT RESOURCE



# Hellyer Expansion 5 Major New Targets



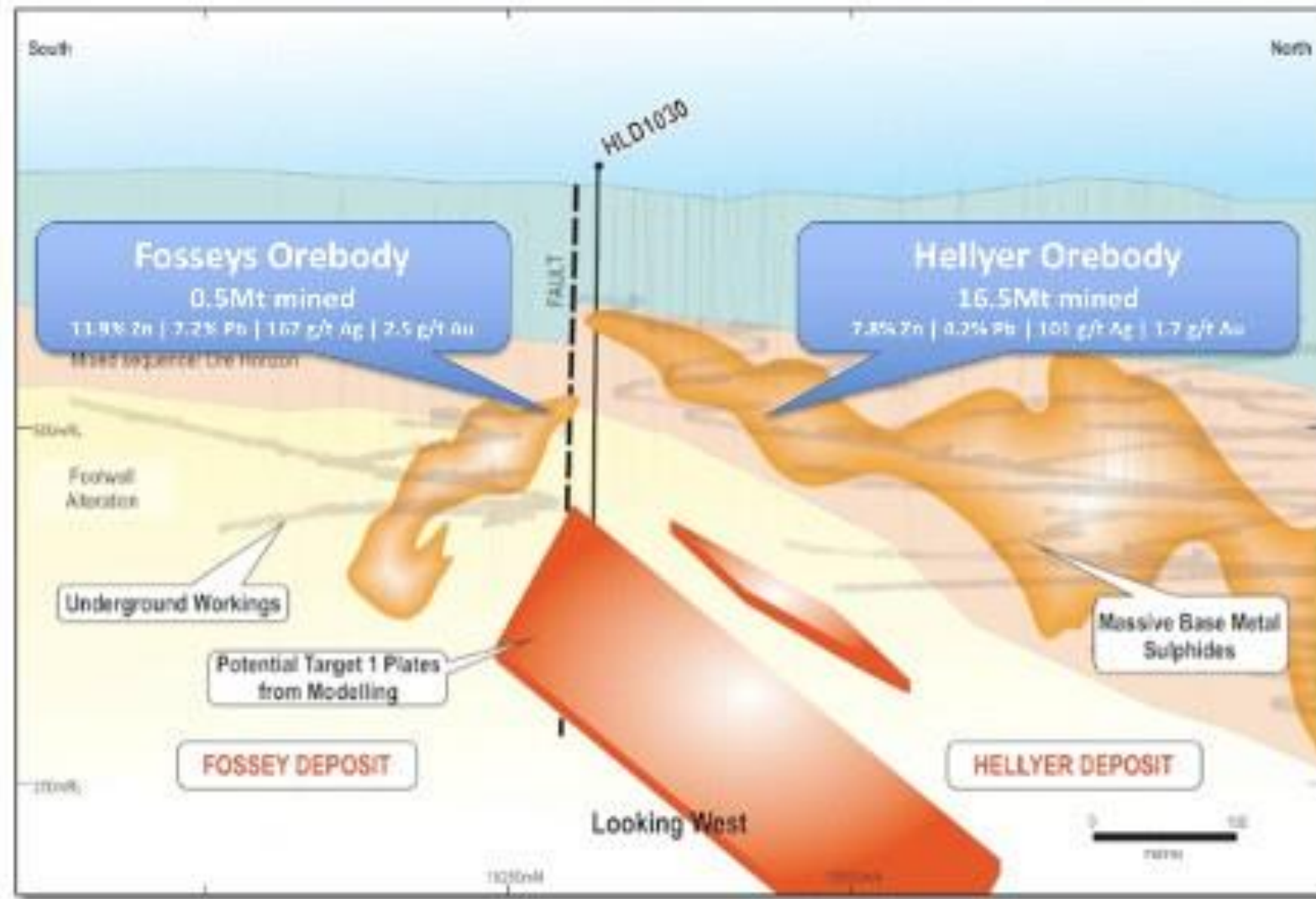
Deposit	JORC Classification	Tonnes '000	zinc (%)	lead (%)	Copper (%)	silver g/t	gold g/t
Fossey and Fossey East	Measured	175	12.4	7	0.5	137	2.8
	Indicated	200	11.1	6	0.5	94	1.8
	Inferred	50	8.7	4.7	0.4	99	2.3
	Total	425	11.4	6.3	0.5	112	2.3
Hellyer	Indicated	640	6.8	4	0.4	83	1.3
	Inferred	110	8.1	4.9	0.2	107	1.5
	Total	750	7	4.1	0.3	87	1.3
Mining Lease	Total	1,175	8.6	4.9	0.4	96	1.66

Hellyer JORC COMPLIANT RESOURCE

“Reopening the underground mining operations at Hellyer will add significant mine life and significantly boost revenues and profits”

# Hellyer

## Exploration Major New Targets Identified



# About Beaconsfield Gold Mine

## Beaconsfield Gold Mine

In June 2020, NQ Minerals acquired a 100% interest in the historic high-grade Beaconsfield Gold Mine in Tasmania.

A new JORC Minerals Resource Estimate has been published by NQ Minerals that outlined significant high-grade ore still exists in the lower section of the Beaconsfield Gold Mine and resources have increased to 1.454 million tonnes grading 10.3 grams per tonne (g/t) for 483,000 ounces of gold.

An additional 67,000 ounces of gold potential exists in Tailings Dam #1. Significant additional gold potential still to be assessed in the upper section of the old Beaconsfield Mine workings from surface to the 415 metre level plus the orebody remains open at depth below 1,500 metres.

NQ Minerals are planning to bring Beaconsfield Gold Mine back into production by the end of 2020. Expecting low cost and a long-life asset.



### Beaconsfield JORC COMPLIANT RESOURCE

Beaconsfield Gold Mine  
Mineral Resource Statement – 30 April 2020  
Ordinary Kriging Grade Estimates  
Subdivided by Resource Category above a Lower Cut-off Grade of 3g/t Au.

Resource Category	Tonnes kt	Gold grade Au g/t	Contained Metals Au koz
Measured	485	11.4	177
Indicated	492	11.2	177
Inferred	477	8.4	129
Total	1454	10.3	483



# Beaconsfield Development

## Beaconsfield Gold Mine

In May 2020, NQ announced a new Mineral Resource Estimate for the lower section of the Beaconsfield Mine, resulting in an increase in contained gold resources underground to 1.454 million tonnes grading 10.3 grams per tonne gold for 483,000 ounces of gold.

Importantly, this new Beaconsfield resource is only for the lower section of the mine from the 415 metre level down to the 1,500 vertical metres depth, and the ore body remains open at depth. The deepest hole returning 2.5m at 32.4 g/t gold. No resources have yet been calculated for the rich upper section of the mine, which was mined from 1877-1914.

NQ plans to re-open Beaconsfield by developing a new modern mine commencing with the development of a 3.6km decline access from surface to reconnect into the existing mine workings at the 430 metre level.

The Company believes Beaconsfield offers a genuine opportunity to develop a high-quality gold asset in short order.



## Beaconsfield Historical Production

Period	Mined Million Tonnes	Gold Grade (g/t)	Gold Grade (koz)
1877-1914	1.4	~25.6	855
1999-2012	2.7	10.5	920
Totals	3.8	~15	1,777

“The only reason Beaconsfield closed in 2012 was the low gold price at the time. At US\$2,000/oz, Beaconsfield will provide big returns for NQ”





# Barnes Hill Project

## Developing a Nickel and Cobalt Project

During 2019, the Company made a strategic investment in a private Tasmanian mining company Tasmania Energy Metals Pty Ltd (“TEM”). TEM and NQ have been developing plans for an integrated mining and processing facility located in Tasmania only 200 km by road from Hellyer.

It is envisaged that the facility would utilise the main by-product from the treatment of the pyrite/precious metals concentrate produced from Hellyer, generating sulphuric acid for the further production of nickel and cobalt salts for the sale in the electric vehicle battery market.

In April 2020, an updated Mineral Resource Estimate was issued by Snowden Mining Industry Consultants Pty Ltd for the Barnes Hill Nickel Project. The new expanded resource has increased substantially to 25Mt @0.6% nickel and 0.05% cobalt using a 0.25% nickel cut-off grade.



BARNES HILL PROJECT	NICKEL	COBALT
CONTAINED TONNES	143,465	11,714
LME Price /t (24 June 20)	US\$15,658	US\$33,005
TOTAL IN-GROUND VALUE	US\$2,246,375	US\$386,620,570

“Nickel and Cobalt are vital for the energy storage industry. Our Barnes Hill studies indicate this could be one of the lowest cost producers of nickel globally.”

