



UNEARTHING POTENTIAL

THE SCALE OF WA'S RESOURCES OPPORTUNITY



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CEO FOREWORD



Western Australia is sitting on one of the greatest untapped economic opportunities in the world. Now we know just how big that opportunity is.

Independent research commissioned this year by the Chamber of Minerals and Energy WA presents a range of scenarios from conservative to bold. The *Unearthing Potential* report's central estimate puts the value of our identified mineral and energy resources at \$8.1 trillion, rising to \$12.1 trillion under its high scenario. These resources will become everything from transmission lines, wind turbines and EV batteries to semiconductors, medical implants, smartphones and astronaut visors.

And that's based only on the resources we know about today. It excludes the additional value that could come from downstream processing, as

well as everything we are yet to discover.

For Australians, that could mean more than \$1.3 trillion in government taxes and royalties to help fund schools, hospitals, infrastructure and essential services.

It could mean generations of exciting careers across engineering, skilled trades, environmental science, automation, data and remote operations. Careers that allow people to learn new skills, solve complex problems and help build the industries of the future.

For too long, the conversation about our sector has been dominated by the challenges of development rather than the possibilities it creates.

Unearthing Potential is an invitation to change that conversation. To be ambitious for Western Australia, and make no apology for it.

We are closer to the beginning of this story than the end.

AARON MOREY

Chief Executive Officer

Chamber of Minerals and Energy of Western Australia

OVERVIEW

A MULTI-TRILLION-DOLLAR OPPORTUNITY

Western Australia's resources have already made an extraordinary contribution to the world. We've produced enough iron ore to build 212,000 Sydney Harbour Bridges, more than twice the gold currently stored at Fort Knox and enough lithium for more than 210 million electric vehicles.

What remains is even bigger.

This booklet summarises the key findings from the full *Unearthing Potential: The scale of WA's resources opportunity* report, which quantifies what our state's currently identified mineral and energy resources could support if successfully developed.

The modelling is deliberately conservative. It considers only resources already identified, not what future exploration may discover. The central scenario assumes 80 per cent of that resource base is developed, using five-year average commodity prices, and does not capture the additional value that could be created through further downstream processing.

Even on those assumptions, the scale of the opportunity is extraordinary.

WA's identified resources could support \$8.1 trillion in saleable product value, around 158,000 average annual full-time equivalent jobs, \$476 billion in WA royalties and \$855 billion in Commonwealth company tax revenue. They could also generate \$1.9 trillion in cumulative economic value added. Under the high scenario, saleable product value reaches \$12.1 trillion.

These are estimates of opportunity, not forecasts. Commodity prices, global demand and technological change will influence what is ultimately developed, as will the conditions we control, including approvals, infrastructure and investment settings.

There is good reason for optimism. Western Australia has spent generations turning its resource endowment into globally competitive industries and has built the skills, infrastructure and supply chains to do it again.

The opportunity is already here. The task now is to realise it.

* expressed in constant 2025 dollars over the modelling period to 2100

WA'S RESOURCE OPPORTUNITY IS LARGE, DIVERSE AND STRATEGICALLY SIGNIFICANT

\$8.1 trillion
SALEABLE PRODUCT VALUE

Photo credit: Rio Tinto

\$476 billion

ROYALTY REVENUE

Could fund Westport, pay off WA's debt, build 20 new hospitals and 200 new schools – and still leave \$380 billion in the bank

\$855 billion

COMMONWEALTH TAX REVENUE

Could fund AUKUS outright and still pay down half of Australia's national debt bill

\$401 billion

CAPITAL EXPENDITURE

More than the AUKUS submarine program (\$368 billion)

\$2.2 trillion

OPERATING EXPENDITURE

Enough to run all of Australia's hospitals for the next 20 years

165,000

CONSTRUCTION JOBS

Average total jobs per year of construction

158,000

OPERATIONAL JOBS

Average on-site operational jobs per year

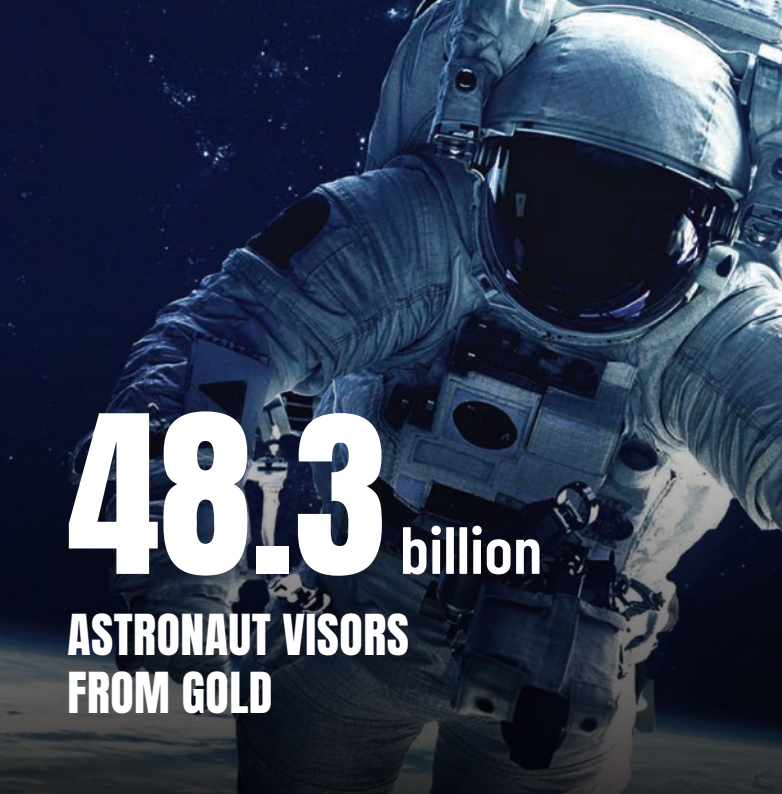
A RESOURCE OPPORTUNITY OF SIGNIFICANT SCALE



Photo credit: Liontown

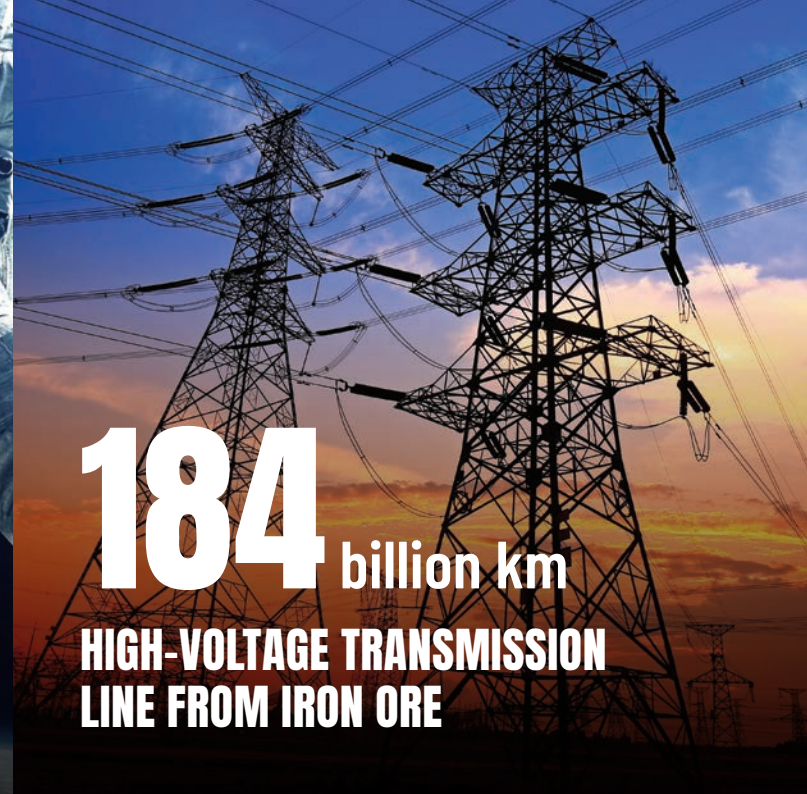
48.3 billion

ASTRONAUT VISORS
FROM GOLD



184 billion km

HIGH-VOLTAGE TRANSMISSION
LINE FROM IRON ORE



1.4 billion

EV BATTERIES
FROM LITHIUM



14.2 billion tonnes

OF FERTILISER FROM
NATURAL GAS



SIX DISTINCT COMMODITY GROUPS SHAPE WA'S RESOURCE OPPORTUNITY

Western Australia has a large and diverse mineral and petroleum resource base spanning established commodities and emerging strategic minerals. Together, these commodities form WA's broad and vast resources mix, creating a diverse economic and strategic profile.

BULK COMMODITIES

- Bauxite / Alumina
- Iron ore
- Potash

PRECIOUS METALS

- Gold
- Palladium
- Platinum
- Silver

BASE METALS

- Cobalt
- Copper
- Lead
- Molybdenum
- Nickel
- Zinc

BATTERY AND CRITICAL MINERALS

- Gallium
- Graphite
- Lithium
- Manganese
- Rare earths
- Tungsten
- Vanadium

MINERAL SANDS

- Titanium
 - Ilmenite
 - Rutile
- Zircon

ENERGY RESOURCES

- Condensate
- Crude oil
- LPG
- Natural gas
- Uranium

The saleable product value, royalties, taxes and jobs figures in the following sections are based on the Central scenario to 2100. Commodity imagery is for illustrative purposes only and may not depict Western Australian specimens.

BAUXITE / ALUMINA

\$247.9 billion Al₂O₃

POTENTIAL SALEABLE PRODUCT VALUE

The starting point for aluminium, used across transport, infrastructure and manufacturing.



WHAT COULD THIS BECOME?

3.3 million
COMMERCIAL AIRCRAFT

Lightweight aluminium is critical to modern aviation.

6.3 trillion
HIP JOINTS

Aluminium materials also support specialised medical uses.

244.6 million km
OF TRANSMISSION LINE

Aluminium carries electricity across transmission networks.

ECONOMIC OPPORTUNITY

\$4.1 billion
WA ROYALTIES REVENUE

\$22.3 billion
COMMONWEALTH TAX REVENUE

6,600
ONSITE OPERATIONAL JOBS

THE RESOURCE



1,529 Mt
IDENTIFIED RESOURCE VOLUME

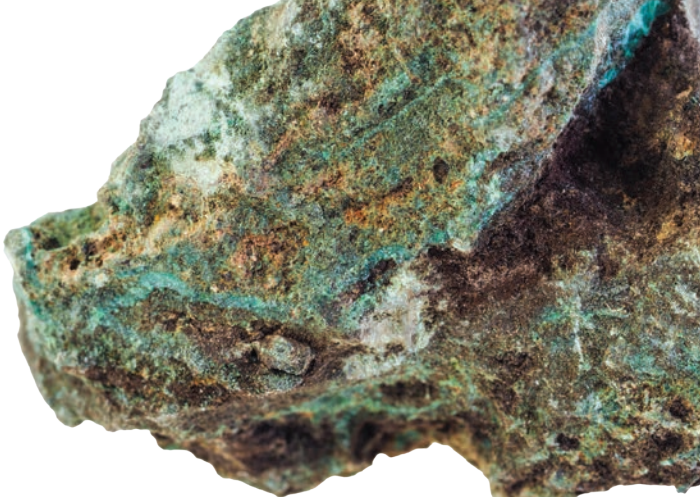
465 Mt
SALEABLE ALUMINA

COBALT ²⁷Co

\$17.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

A high-performance material used across batteries, aerospace and medical technology.



WHAT COULD THIS BECOME?

582,000
FIGHTER AIRCRAFT JET ENGINES

Performs under extreme heat and operating conditions.

19.4 million
EV BATTERIES

Used in some high-performance battery chemistries.

1.2 billion
HIP IMPLANTS

Durable cobalt alloys support medical implants.

ECONOMIC OPPORTUNITY

\$437 million
WA ROYALTIES REVENUE

\$1.6 billion
COMMONWEALTH TAX REVENUE

247
ONSITE OPERATIONAL JOBS

THE RESOURCE



1.2 Mt
IDENTIFIED RESOURCE VOLUME

849 Kt
SALEABLE COBALT MATTE

ENERGY RESOURCES

CONDENSATE

\$78.3 billion

POTENTIAL SALEABLE PRODUCT VALUE

A versatile energy and industrial feedstock used across fuels, aerospace and manufacturing.



WHAT COULD THIS BECOME?

459.2 million
TANKS OF PETROL

Contributes to transport fuels.

2.1 billion L
ROCKET FUEL

Supports demanding aerospace applications.

64.5 million tonnes
PVC PIPE

Supplies feedstocks for essential infrastructure materials.

ECONOMIC OPPORTUNITY

\$3.2 million
WA ROYALTIES REVENUE

\$15.9 billion
COMMONWEALTH TAX REVENUE

1,100
ONSITE OPERATIONAL JOBS



THE RESOURCE

947 MMbbl
IDENTIFIED RESOURCE VOLUME

757 MMbbl
SALEABLE CONDENSATE

BASE METALS

COPPER



\$60.9 billion

POTENTIAL SALEABLE PRODUCT VALUE

The wiring of the modern economy, from homes and grids to digital technologies.



WHAT COULD THIS BECOME?

30,200
NAVY FRIGATES

Powers complex electrical and communications systems.

13.6 million km
HOME ELECTRICITY CABLE

Carries electricity safely through homes and businesses.

24.8 billion
SOLAR PANELS

Essential to solar wiring and electrical systems.

ECONOMIC OPPORTUNITY

\$1.5 billion
WA ROYALTIES REVENUE

\$4.6 billion
COMMONWEALTH TAX REVENUE

1,100
ONSITE OPERATIONAL JOBS



THE RESOURCE

10.32 Mt Cu
IDENTIFIED RESOURCE VOLUME

4.95 Mt
SALEABLE COPPER METAL

ENERGY RESOURCES

CRUDE OIL

\$16.4 billion

POTENTIAL SALEABLE PRODUCT VALUE

Supports aviation, agriculture, transport and a vast range of manufactured products.



WHAT COULD THIS BECOME?

221,000
PERTH-BALI A320 FLIGHTS

Fuels long-distance aviation and global connectivity.

131.1 million hectares
CROPS SOWN

Powers machinery essential to food production.

739.9 million
TYRES

Supplies feedstocks for major manufactured products.

ECONOMIC OPPORTUNITY

\$5.2 million
WA ROYALTIES REVENUE

\$3.3 billion
COMMONWEALTH TAX REVENUE

200
ONSITE OPERATIONAL JOBS

THE RESOURCE



180 MMbbl
IDENTIFIED RESOURCE VOLUME

144 MMbbl
SALEABLE CRUDE OIL

BATTERY AND CRITICAL MINERALS

GALLIUM



\$2.9 billion

POTENTIAL SALEABLE PRODUCT VALUE

A strategic material used in semiconductors, electronics and high-performance power technologies.



WHAT COULD THIS BECOME?

245.7 million
SEMICONDUCTOR WAFERS

Enables advanced semiconductor technologies.

108.5 trillion
HIGH-TEMPERATURE THERMOMETERS

Performs in specialised high-temperature applications.

8.4 trillion
FAST CHARGERS

Supports high-performance power electronics.

ECONOMIC OPPORTUNITY

\$72 million
WA ROYALTIES REVENUE

\$173 million
COMMONWEALTH TAX REVENUE

107
ONSITE OPERATIONAL JOBS

THE RESOURCE



18.21 Kt
IDENTIFIED RESOURCE VOLUME

8.16 Kt
SALEABLE GALLIUM METAL

PRECIOUS METALS

GOLD ⁷⁹Au
\$473.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

Valued for jewellery and investment, but increasingly important in electronics and advanced technologies.



WHAT COULD THIS BECOME?

1.3 billion
WEDDING RINGS

Durable, valuable and instantly recognisable.

48.3 billion
ASTRONAUT VISORS

Performs in demanding aerospace environments.

142 billion
MOBILE PHONES

Provides reliable connections inside electronic devices.

ECONOMIC OPPORTUNITY

\$11.8 billion
WA ROYALTIES REVENUE

\$42.6 billion
COMMONWEALTH TAX REVENUE

38,800
ONSITE OPERATIONAL JOBS



THE RESOURCE

6351.13 t Au
IDENTIFIED RESOURCE VOLUME

4,827 t
SALEABLE GOLD METAL

BATTERY AND CRITICAL MINERALS

GRAPHITE ⁶C
\$311 million

POTENTIAL SALEABLE PRODUCT VALUE

An important material in batteries, electronics and specialised medical technology.



WHAT COULD THIS BECOME?

2.8 million
EV BATTERIES

A key material in rechargeable batteries.

20.7 billion
ECG MACHINES

Supports sophisticated electrical and medical equipment.

7.2 billion
IPAD BATTERIES

Helps power everyday portable technology.

ECONOMIC OPPORTUNITY

\$15.5 million
WA ROYALTIES REVENUE

\$18.6 million
COMMONWEALTH TAX REVENUE

13
ONSITE OPERATIONAL JOBS



THE RESOURCE

2.3 Mt
IDENTIFIED RESOURCE VOLUME

207 Kt
SALEABLE GRAPHITE CONCENTRATE

BULK COMMODITIES

IRON ORE ²⁶Fe

\$5.5 trillion

POTENTIAL SALEABLE PRODUCT VALUE

The foundation of the steel used to build modern economies.



WHAT COULD THIS BECOME?

476,000
SYDNEY HARBOUR BRIDGES

Provides structural strength for major infrastructure.

210 million km
RAIL

Supplies steel for rail networks worldwide.

184 billion km
HIGH-VOLTAGE TRANSMISSION LINE

Supports the infrastructure behind electricity networks.

ECONOMIC OPPORTUNITY

\$415 billion

WA ROYALTIES REVENUE

\$581 billion

COMMONWEALTH TAX REVENUE

66,400

ONSITE OPERATIONAL JOBS



THE RESOURCE

48,777 Mt

IDENTIFIED RESOURCE VOLUME

34,534 Mt

SALEABLE IRON ORE

BASE METALS

LEAD ⁸²Pb

\$8.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

An industrial metal used in energy storage and radiation protection.



WHAT COULD THIS BECOME?

224.7 million
CAR BATTERIES

Provides reliable vehicle starting and electrical power.

48.1 billion
BEACH FISHING SINKERS

Supplies affordable weights for recreational and commercial fishing.

9.0 million
RADIATION SHIELDING PIECES

Dense lead provides effective radiation protection.

ECONOMIC OPPORTUNITY

\$213 million

WA ROYALTIES REVENUE

\$384 million

COMMONWEALTH TAX REVENUE

200

ONSITE OPERATIONAL JOBS



THE RESOURCE

3.74 Mt

IDENTIFIED RESOURCE VOLUME

2.7 Mt

SALEABLE LEAD METAL

BATTERY AND CRITICAL MINERALS

LITHIUM ³Li

\$525.9 billion

POTENTIAL SALEABLE PRODUCT VALUE

A cornerstone of battery and energy-storage supply chains, with important medical uses.



WHAT COULD THIS BECOME?

1.4 billion
EV BATTERIES

Central to rechargeable electric vehicle batteries.

12.4 billion
HOUSEHOLD BATTERIES

Powers a vast range of everyday devices.

99 trillion doses
OF MENTAL HEALTH DRUGS

Also used in established pharmaceutical treatments.

ECONOMIC OPPORTUNITY

\$26.3 billion
WA ROYALTIES REVENUE

\$31.6 billion
COMMONWEALTH TAX REVENUE

17,134
ONSITE OPERATIONAL JOBS



THE RESOURCE

8,628 Kt Li
IDENTIFIED RESOURCE VOLUME

186.2 Mt
SALEABLE 6% Li₂O CONCENTRATE

ENERGY RESOURCES

LPG LIQUEFIED PETROLEUM GAS

\$1.9 billion

POTENTIAL SALEABLE PRODUCT VALUE

A portable energy source for cooking, heating and hot water.



WHAT COULD THIS BECOME?

273.4 million
BBQ CYLINDERS

Provides convenient portable cooking energy.

4.9 billion
HOURS OF HEATER USE

Delivers reliable direct heating.

11.7 billion
FIVE-MINUTE HOT SHOWERS

Supports everyday household energy needs.

ECONOMIC OPPORTUNITY

\$223 million
COMMONWEALTH TAX REVENUE

438
ONSITE OPERATIONAL JOBS



THE RESOURCE

37.92 MMbbl
IDENTIFIED RESOURCE VOLUME

30.34 MMbbl
SALEABLE LPG

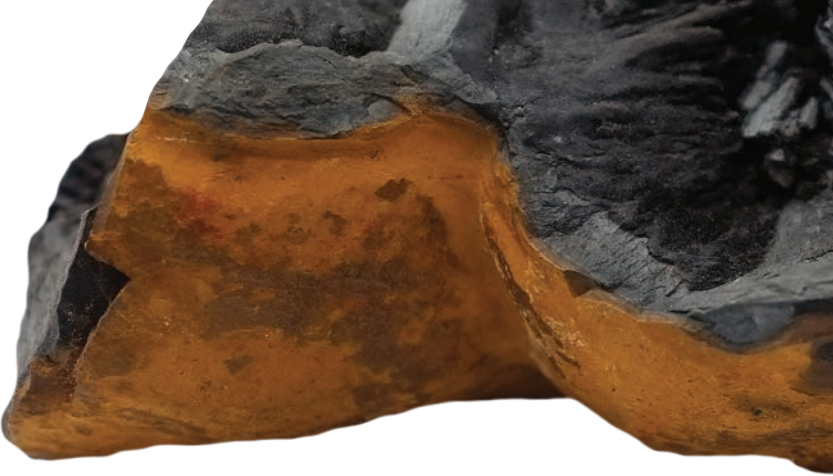
BATTERY AND CRITICAL MINERALS

MANGANESE ²⁵Mn

\$26.8 billion

POTENTIAL SALEABLE PRODUCT VALUE

Strengthens steel and supports agriculture, manufacturing and everyday products.



WHAT COULD THIS BECOME?

436.9 million tonnes
HIGH-STRENGTH STEEL
Helps make steel stronger and more durable.

42.3 million tonnes
FERTILISER
Supports agricultural productivity and food production.

109.7 trillion
ALUMINIUM BEVERAGE CANS
Used in alloys for mass-produced goods.

ECONOMIC OPPORTUNITY

\$2 billion
WA ROYALTIES REVENUE

\$1.6 billion
COMMONWEALTH TAX REVENUE

600
ONSITE OPERATIONAL JOBS

THE RESOURCE



528.44 Mt
IDENTIFIED RESOURCE VOLUME

401.61 Mt
SALEABLE Mn ORE

BASE METALS

MOLYBDENUM ⁴²Mo

\$5.7 billion

POTENTIAL SALEABLE PRODUCT VALUE

A high-performance metal used across aerospace, defence and advanced industrial equipment.



WHAT COULD THIS BECOME?

149,000
ENGINES
Performs reliably in demanding aerospace conditions.

483,000
ARMOURD VEHICLES
Strengthens materials used in defence equipment.

8.7 trillion
X-RAY TUBES
Supports specialised medical and industrial imaging.

ECONOMIC OPPORTUNITY

\$142 million
WA ROYALTIES REVENUE

\$512 million
COMMONWEALTH TAX REVENUE

14
ONSITE OPERATIONAL JOBS

THE RESOURCE



86.97 Kt
IDENTIFIED RESOURCE VOLUME

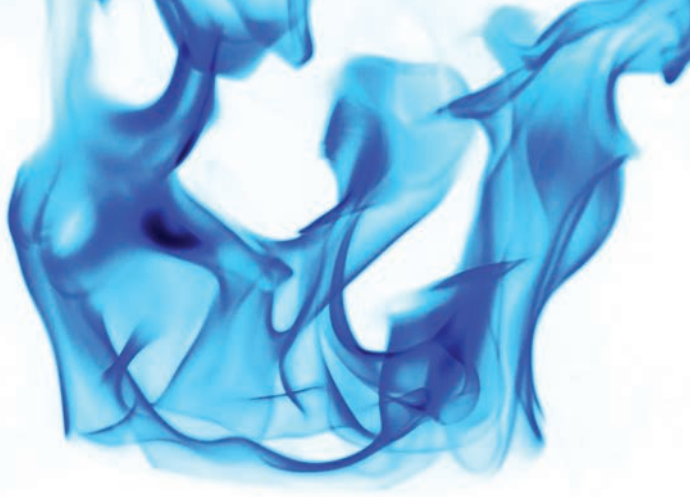
43.48 Kt
SALEABLE MOLYBDENUM

NATURAL GAS

\$738 billion

POTENTIAL SALEABLE PRODUCT VALUE

Supports energy transition and reliability, and products essential to global food production.



WHAT COULD THIS BECOME?

209 years
POWERING TOKYO

Provides reliable energy at enormous scale.

2.5 trillion kg
CO₂e ABATED

Can cut emissions when replacing coal generation.

14.2 billion tonnes
FERTILISER

A critical feedstock for global agriculture.

ECONOMIC OPPORTUNITY

\$1.7 billion
WA ROYALTIES REVENUE

\$127.2 billion
COMMONWEALTH TAX REVENUE

9,900
ONSITE OPERATIONAL JOBS



THE RESOURCE

71,078 PJ
IDENTIFIED RESOURCE VOLUME

1,093 Mt
SALEABLE LNG

NICKEL



\$187.3 billion

POTENTIAL SALEABLE PRODUCT VALUE

A versatile metal used across manufacturing, electronics and energy storage.



WHAT COULD THIS BECOME?

3.6 trillion
SETS OF GUITAR STRINGS

Durable and widely used in everyday products.

1.5 trillion
COMPUTER CIRCUIT BOARDS

Supports modern electronics and digital technology.

164.9 million
EV BATTERY PACKS

Used in high-energy battery chemistries.

ECONOMIC OPPORTUNITY

\$4.7 billion
WA ROYALTIES REVENUE

\$8.4 billion
COMMONWEALTH TAX REVENUE

7,500
ONSITE OPERATIONAL JOBS



THE RESOURCE

22.15 Mt
IDENTIFIED RESOURCE VOLUME

14.18 Mt
SALEABLE NICKEL METAL

PRECIOUS METALS

PALLADIUM ⁴⁶Pd

\$8.1 billion

POTENTIAL SALEABLE PRODUCT VALUE

A specialised metal used across transport, electronics and jewellery.



WHAT COULD THIS BECOME?

37.9 million
CATALYTIC CONVERTERS

Helps reduce harmful vehicle emissions.

384.9 billion
LED LAMPS

Supports efficient electronic technologies.

20.2 million
WEDDING BANDS

Also valued in jewellery.

ECONOMIC OPPORTUNITY

\$202 million
WA ROYALTIES REVENUE

\$485 million
COMMONWEALTH TAX REVENUE

608
ONSITE OPERATIONAL JOBS

THE RESOURCE

5.79 m oz
IDENTIFIED RESOURCE VOLUME

4.26 m oz
SALEABLE PALLADIUM METAL

PRECIOUS METALS

PLATINUM ⁷⁸Pt

\$8.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

A rare metal used across transport technologies, medicine and jewellery.



WHAT COULD THIS BECOME?

10.3 million
EV POWERTRAINS

Supports advanced vehicle technologies.

10.8 million
WEDDING RINGS

Valued for durability and appearance.

3.2 billion
CHEMOTHERAPY DOSES

Plays an important role in cancer treatment.

ECONOMIC OPPORTUNITY

\$214 million
WA ROYALTIES REVENUE

\$513 million
COMMONWEALTH TAX REVENUE

177
ONSITE OPERATIONAL JOBS

THE RESOURCE

5.1 m oz
IDENTIFIED RESOURCE VOLUME

3.3 m oz
SALEABLE PLATINUM METAL

BULK COMMODITIES

POTASH ¹⁹K

\$12.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

An essential agricultural input supporting crop productivity and global food production.



WHAT COULD THIS BECOME?

105 million hectares
SWEET CORN

Supplies nutrients needed for productive crops.

101 million hectares
NAVY BEANS

Supports productivity across diverse crops.

57.4 million hectares
CITRUS

Helps high-value horticultural crops thrive.

ECONOMIC OPPORTUNITY

\$625 million
WA ROYALTIES REVENUE

\$750 million
COMMONWEALTH TAX REVENUE

104
ONSITE OPERATIONAL JOBS



THE RESOURCE

12.47 Mt
IDENTIFIED RESOURCE VOLUME

19.2 Mt
SALEABLE POTASSIUM SULPHATE

BATTERY AND CRITICAL MINERALS

RARE EARTHS

\$85.1 billion

POTENTIAL SALEABLE PRODUCT VALUE

Small-volume minerals with major roles in defence, electronics and clean-energy technologies.



WHAT COULD THIS BECOME?

8.1 million
FIGHTER JETS

Supports sophisticated aerospace and defence systems.

52.4 billion
SEMICONDUCTORS

Enables advanced electronics and digital technology.

1.7 million
WIND TURBINES

Powers high-performance permanent-magnet technologies.

ECONOMIC OPPORTUNITY

\$2.1 billion
WA ROYALTIES REVENUE

\$3.8 billion
COMMONWEALTH TAX REVENUE

1,735
ONSITE OPERATIONAL JOBS



THE RESOURCE

4.03 Mt TREO
IDENTIFIED RESOURCE VOLUME

2.1 Mt REO
SALEABLE RARE EARTH OXIDES

PRECIOUS METALS

SILVER ⁴⁷Ag

\$5.2 billion

POTENTIAL SALEABLE PRODUCT VALUE

Used across jewellery, electronics, energy technologies and specialised medical products.



WHAT COULD THIS BECOME?

217.7 million
SOLAR PANELS

Helps solar cells convert sunlight into electricity.

28.8 trillion
TUBES OF BURN CREAM

Has specialised antimicrobial medical applications.

47.1 million
SILVER NECKLACES

Remains a major jewellery material.

ECONOMIC OPPORTUNITY

\$130 million
WA ROYALTIES REVENUE

\$467 million
COMMONWEALTH TAX REVENUE

100
ONSITE OPERATIONAL JOBS



THE RESOURCE

6.8 Kt
IDENTIFIED RESOURCE VOLUME

4.35 Kt
SALEABLE SILVER METAL

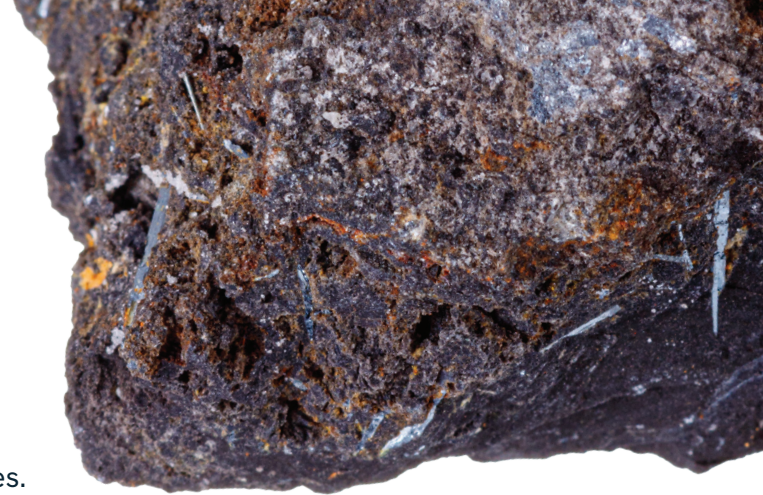
MINERAL SANDS

TITANIUM ²²Ti

\$8 billion

POTENTIAL SALEABLE PRODUCT VALUE

Sourced from ilmenite and rutile, titanium is used in paints, aerospace, medicine and advanced technologies.



WHAT COULD THIS BECOME?

11.7 million
TONNES OF PAINT

Provides key materials used in paints and coatings.

539,900
COMMERCIAL AIRCRAFT FRAMES

Supports lightweight, high-performance aviation materials.

16.5 billion
MEDICAL KNEE IMPLANTS

Used in durable medical applications.

ECONOMIC OPPORTUNITY

\$400 million
WA ROYALTIES REVENUE

\$607 million
COMMONWEALTH TAX REVENUE

800
ONSITE OPERATIONAL JOBS



THE RESOURCE

151.44 Mt
IDENTIFIED RESOURCE VOLUME

103 Mt
SALEABLE TITANIUM FEEDSTOCKS

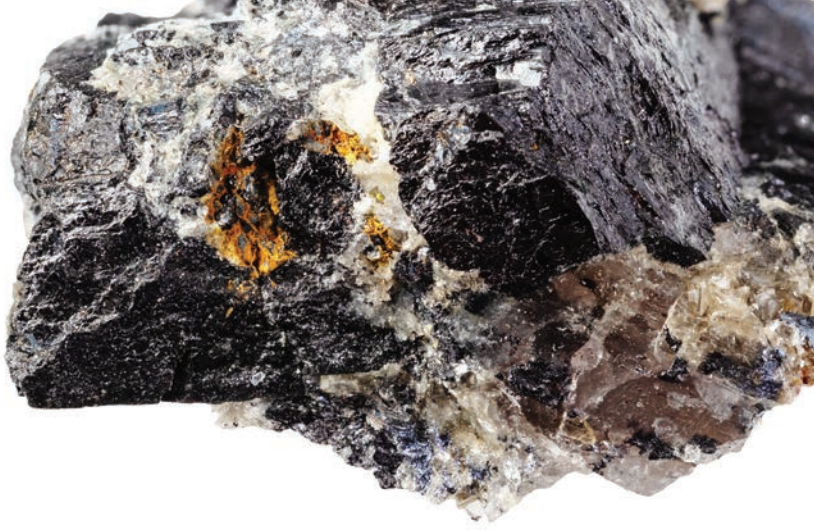
BATTERY AND CRITICAL MINERALS

TUNGSTEN ⁷⁴W

\$14.7 billion

POTENTIAL SALEABLE PRODUCT VALUE

Built for demanding industrial, consumer and aerospace applications.



WHAT COULD THIS BECOME?

29 billion
INDUSTRIAL CUTTING TOOLS

Provides exceptional hardness for industrial cutting.

71.4 billion
MICROWAVES

Used in familiar consumer technologies.

105.8 million
HELICOPTERS

Supports specialised aerospace components.

ECONOMIC OPPORTUNITY

\$736 million
WA ROYALTIES REVENUE

\$1.1 billion
COMMONWEALTH TAX REVENUE

193
ONSITE OPERATIONAL JOBS

THE RESOURCE



357 Kt W
IDENTIFIED RESOURCE VOLUME

357 Kt
SALEABLE TUNGSTEN CONCENTRATE (60% W)

ENERGY RESOURCES

URANIUM ⁹²U

\$26.4 billion

POTENTIAL SALEABLE PRODUCT VALUE

An extraordinarily energy-dense resource with power generation and medical applications.



WHAT COULD THIS BECOME?

70 years
POWERING NEW YORK CITY

Produces enormous energy from small fuel volumes.

4.8 million
RADIOGRAPHY SHIELDING PIECES

Supports safe use of radiation technologies.

19.4 trillion
CANCER TREATMENT DOSES

Underpins important nuclear medicine applications.

ECONOMIC OPPORTUNITY

\$1.3 billion
WA ROYALTIES REVENUE

\$2.8 billion
COMMONWEALTH TAX REVENUE

1,020
ONSITE OPERATIONAL JOBS

THE RESOURCE



114.03 kt U
IDENTIFIED RESOURCE VOLUME

96.82 kt
SALEABLE YELLOWCAKE (U₃O₈)

BATTERY AND CRITICAL MINERALS

VANADIUM ²³V

\$16.9 billion

POTENTIAL SALEABLE PRODUCT VALUE

Connects stronger industrial materials with large-scale energy storage.



WHAT COULD THIS BECOME?

7.1 million
CRANES

Strengthens materials used in heavy equipment.

6.6 billion
CAR CHASSIS

Enables stronger, lighter vehicle structures.

630
GRID-SCALE BATTERIES

Stores energy at electricity-grid scale.

ECONOMIC OPPORTUNITY

\$423 million
WA ROYALTIES REVENUE

\$1 billion
COMMONWEALTH TAX REVENUE

793
ONSITE OPERATIONAL JOBS



THE RESOURCE

5.4 Kt V
IDENTIFIED RESOURCE VOLUME

5.8 Mt
SALEABLE VANADIUM PENTOXIDE (V₂O₅)

BASE METALS

ZINC ³⁰Zn

\$13.7 billion

POTENTIAL SALEABLE PRODUCT VALUE

A versatile material used across consumer products, manufacturing and construction.



WHAT COULD THIS BECOME?

20.4 billion
TUBS OF HIGH-STRENGTH SUNSCREEN

Provides effective protection from ultraviolet radiation.

9.1 billion
TRUMPETS

Used in durable manufactured products.

2.2 million
HOUSE ROOFS

Provides long-lasting roofing and corrosion protection.

ECONOMIC OPPORTUNITY

\$343 million
WA ROYALTIES REVENUE

\$617 million
COMMONWEALTH TAX REVENUE

300
ONSITE OPERATIONAL JOBS



THE RESOURCE

4.82 Mt
IDENTIFIED RESOURCE VOLUME

3.28 Mt
SALEABLE ZINC METAL

ZIRCON



\$19.5 billion

POTENTIAL SALEABLE PRODUCT VALUE

A durable material used in ceramics, dentistry and extreme-performance technologies.



WA'S RESOURCES
COULD PROVIDE
DECADES OF
OPPORTUNITY

WHAT COULD THIS BECOME?

1.7 trillion

DENTAL BRIDGES

Provides strength and durability in dentistry.

90.4 billion

CERAMIC TILES

Widely used in ceramic products.

16.3 million

SPACESHIP THERMAL BARRIER COATINGS

Withstands extreme heat in aerospace applications.

ECONOMIC OPPORTUNITY

\$1 billion

WA ROYALTIES REVENUE

\$1.8 billion

COMMONWEALTH TAX REVENUE

2,000

ONSITE OPERATIONAL JOBS

THE RESOURCE



28.53 Mt

IDENTIFIED RESOURCE VOLUME

22.37 Mt

SALEABLE ZIRCON



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