Hammer Metals Ltd

Exposure to Two World Class Mineral Provinces

Investor Presentation **July 2019**

ASX:HMX

Positioned in Two of the World's Great Metal Provinces

YANDAL GOLD PROVINCE
Heart of the Yandal Belt

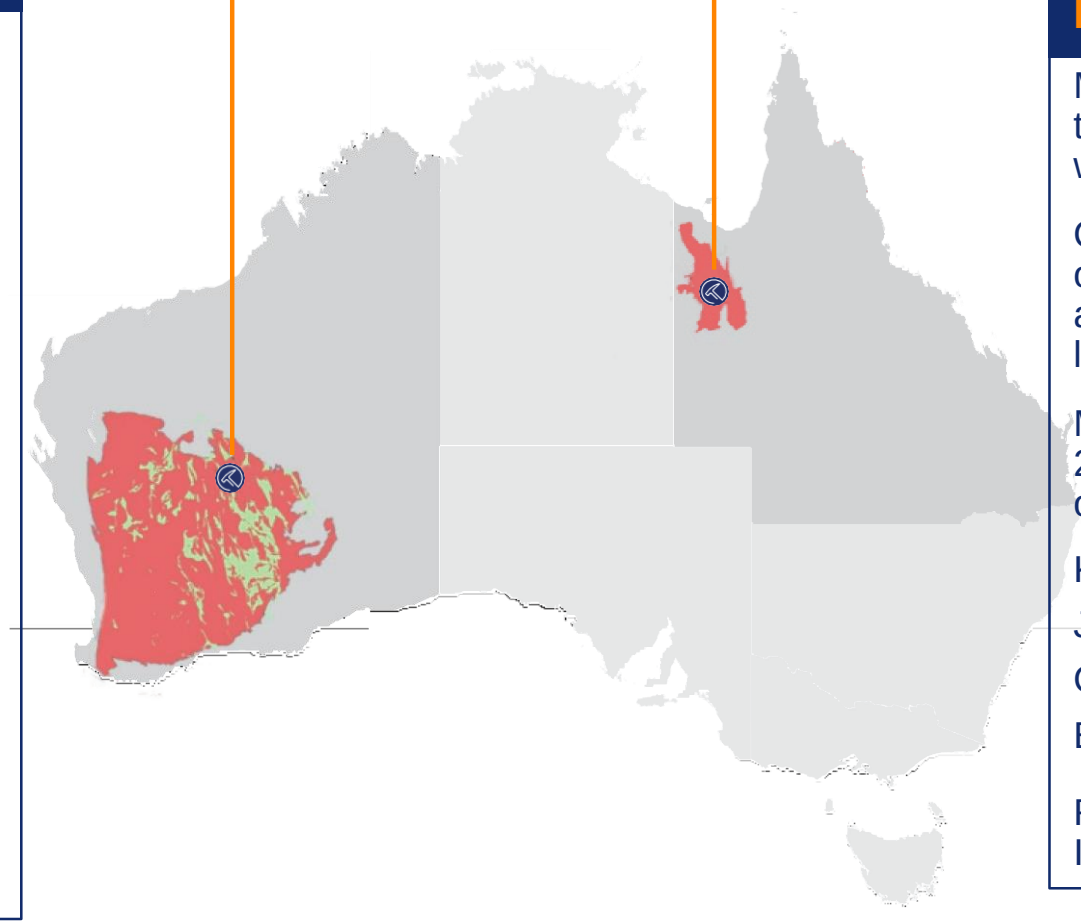
The Bronzewing South project is located in the heart of the highly prospective Yandal Belt, that boasts +24Moz gold

111km^2 of highly prospective 100% owned tenements that cover corridors of the multi-million ounce Yandal greenstone belt, including 4 Moz Bronzewing gold mine & 1.1Moz Lotus & Orelia gold deposits

Region of established infrastructure, adjacent to 2Mtpa plant at Bronzewing

Multiple anomalies from shallow geochemical RAB and aircore drilling with limited follow-up drilling

Alteration and multi-element geochemistry analogous to Bronzewing that produced over 1.5Moz from 1997 to 2012



MOUNT ISA PROVINCE
World's Largest Base Metal Province

Massive 2,000km^2 tenement holding in the largest base metal province in the world

One of the world's most significant iron oxide copper-gold (IOCG) provinces and hosts almost 30% of the world's lead-zinc reserves

Mining studies underway on JORC 2012 resources to assess development options

Kalman – 20Mt @ 1.8% Cu Eq.

Jubilee – 1.4Mt @ 1.4% Cu, 0.6g/t Au

Overlander – 1.8Mt @ 1.2% Cu

Elaine – 9.3Mt @ 1.0% Cu Eq.

Recently identified highly prospective IOCG grassroots exploration targets

Bronzewing South Gold Project

Hammer completed the acquisition of the Bronzewing South Gold Project in May 2019

100% owned 111km^2 area located immediately south of the Bronzewing gold mine & north of Orelia deposit

- Bronzewing Mine mineralised corridor extends over 5km in strike length within E36/854
- Multiple anomalous intercepts from wide spaced drilling, warranting follow-up
- Of the 716 holes along the Bronzewing trend only 12 have depths greater than 150m.

(see ASX announcement - 14 March 2019)

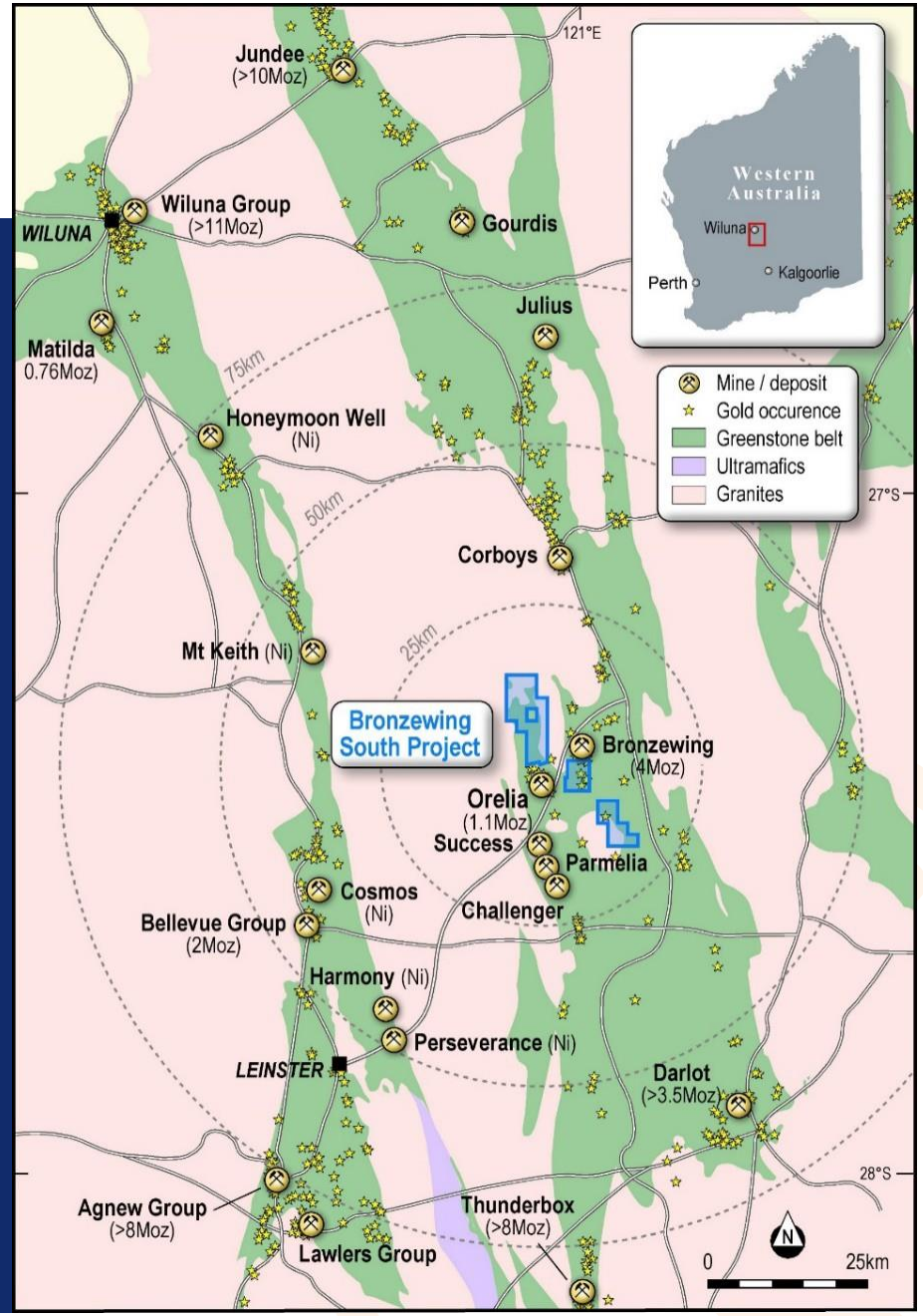
Orelia trend is 14km in strike length with multiple targets identified in the three main trends

Tenement area was held up in legal dispute for a decade during Bronzewing operation, resulting in limited exploration to date

Previous exploration has outlined unexplained gold anomalies in soil, rock chips & drilling

Hammer has utilised electrical geophysical exploration techniques to refine further drill targets

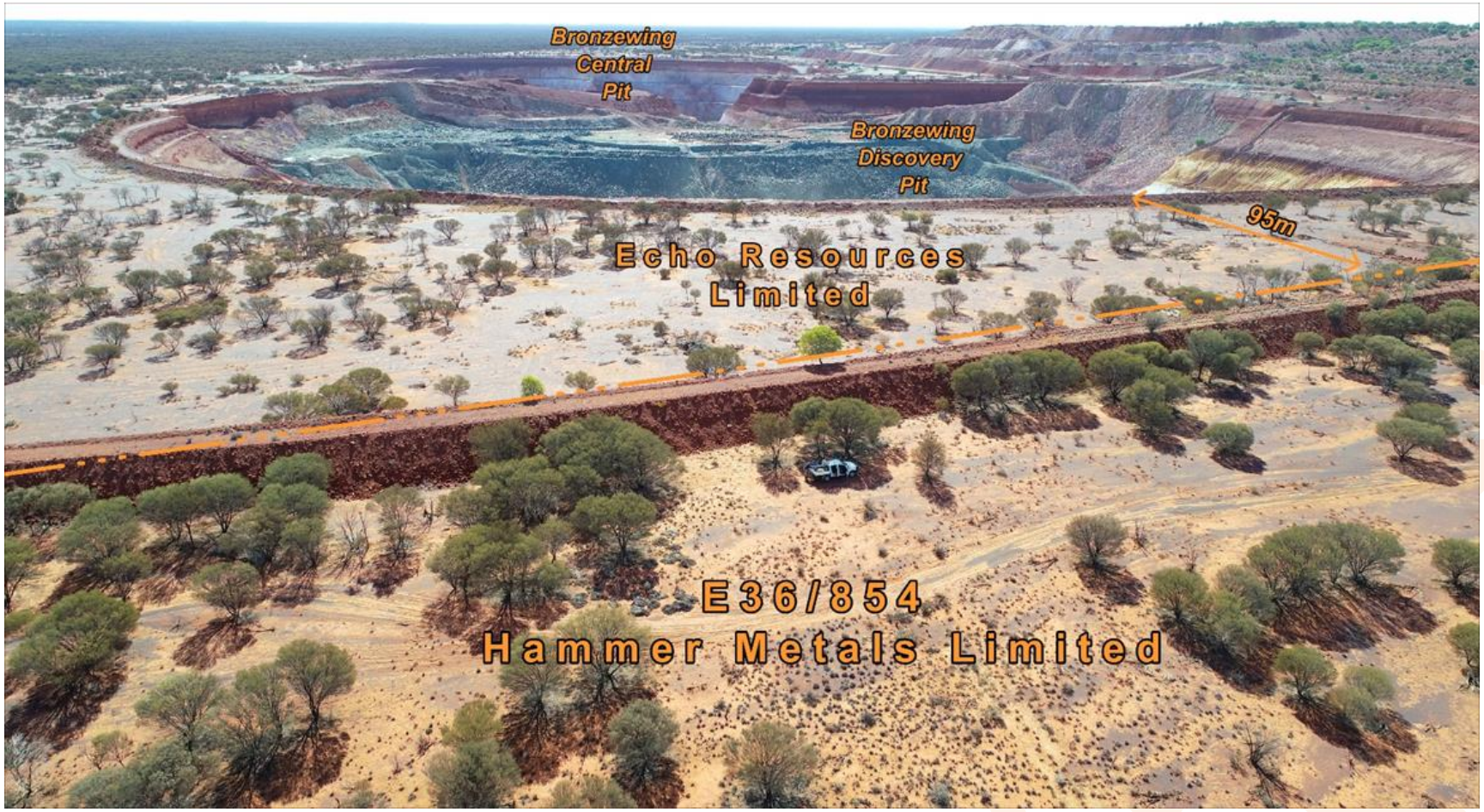
Drilling to commence at Bronzewing South in late July 2019



Bronzewing South Gold Project

Looking for extensions and new deposits along strike

Bronzewing South covers 5km strike length of the structural corridor south of the Bronzewing Mine.



Bronzewing South Looking North over Bronzewing Mine

Bronzewing South Gold Project

Mineralisation, Structure & Geology

Bronzewing South's 5km strike length has multiple high-priority targets highlighted by geochemistry, geophysics and structural analysis.

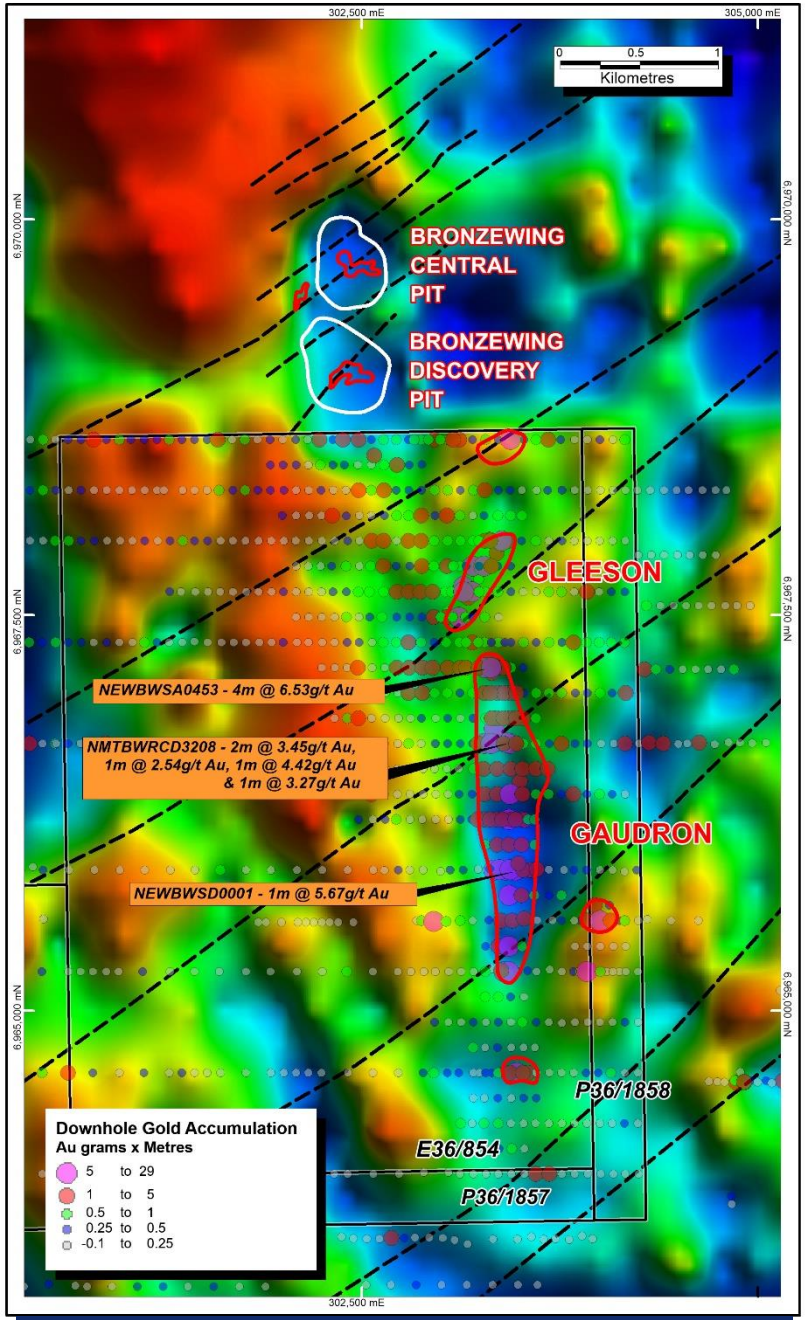
Bronzewing is composed of multiple steeply plunging orebodies which are elongated in the east-west direction within a north-south target corridor

Hammer interprets that previous drilling was not optimal for the mineralisation orientation.

High-grade mineralisation, highlighted through wide-spaced historic drilling:

- 4m @ 6.53g/t from 56m (NEWBWSA0453)
- 1m @ 5.67g/t Au from 127m (NEWBWSD0001)
- 2m @ 3.45g/t Au from 161m (NMTBWRCD3208)

(refer ASX announcement 14 March 2019)



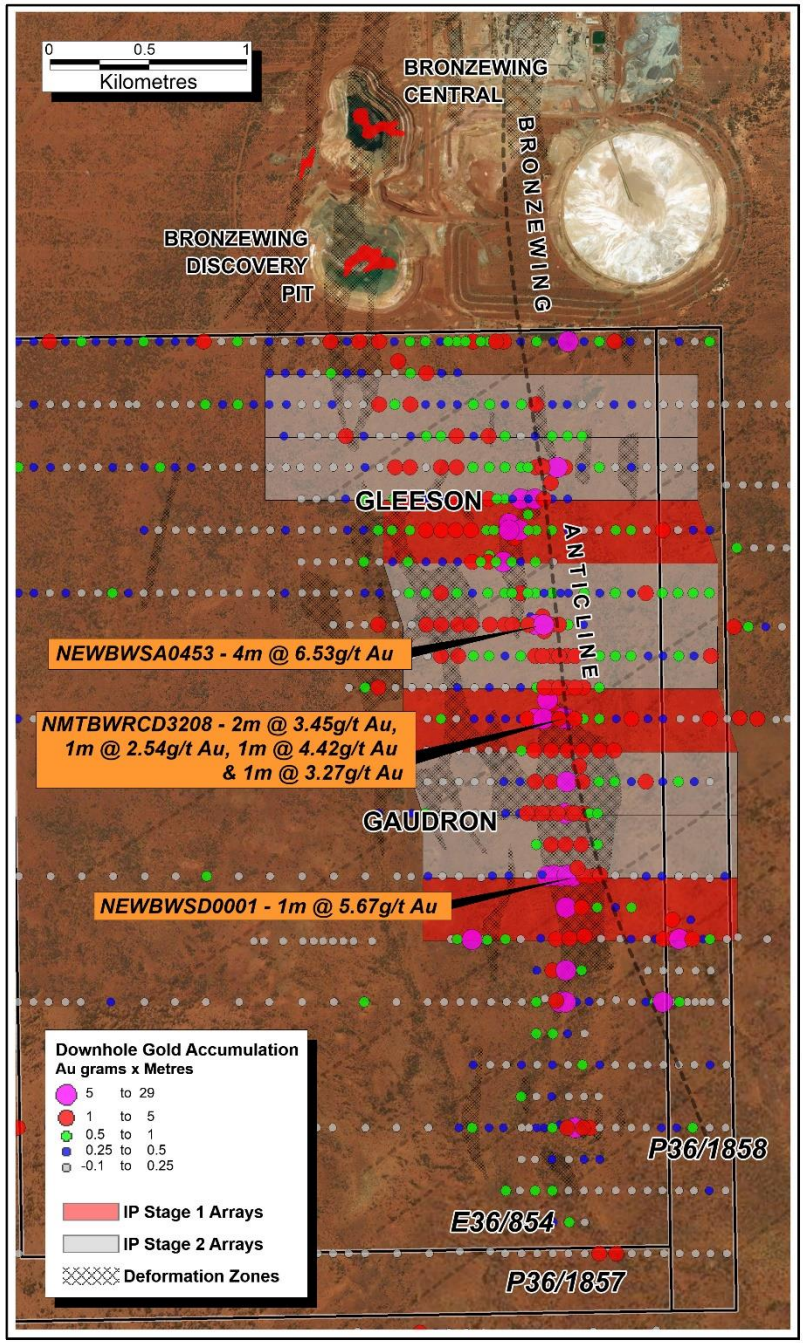
Bronzewing South Residual Gravity Image

Bronzewing South Gold Project - IP Survey

IP Survey in Progress

Vortex Geophysics undertaking a 3D Induced Polarisation Survey testing the prospective corridor immediately south of the Bronzewing Deposit.

Drilling is planned to commence following the completion of the survey



Refer ASX announcement 14 March 2019

Bronzewing South – Trend Exploration Targets

Mineralisation, Structure & Geology

Numerous zones of gold anomalism occur within the regolith and bedrock in the target corridor to the south of the former Bronzewing Deposit

Similar shallow zones of anomalism led to the discovery of the Bronzewing Deposit

In the Bronzewing South tenement area these surficial zones have not been sufficiently tested at depth

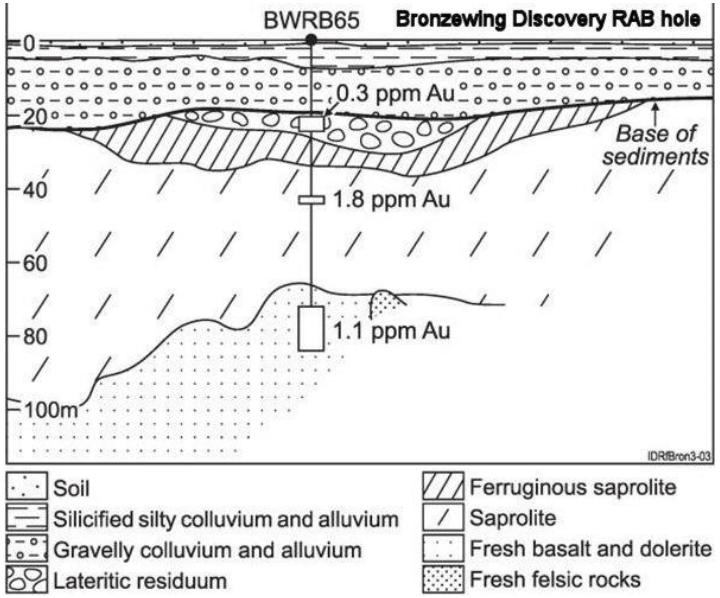
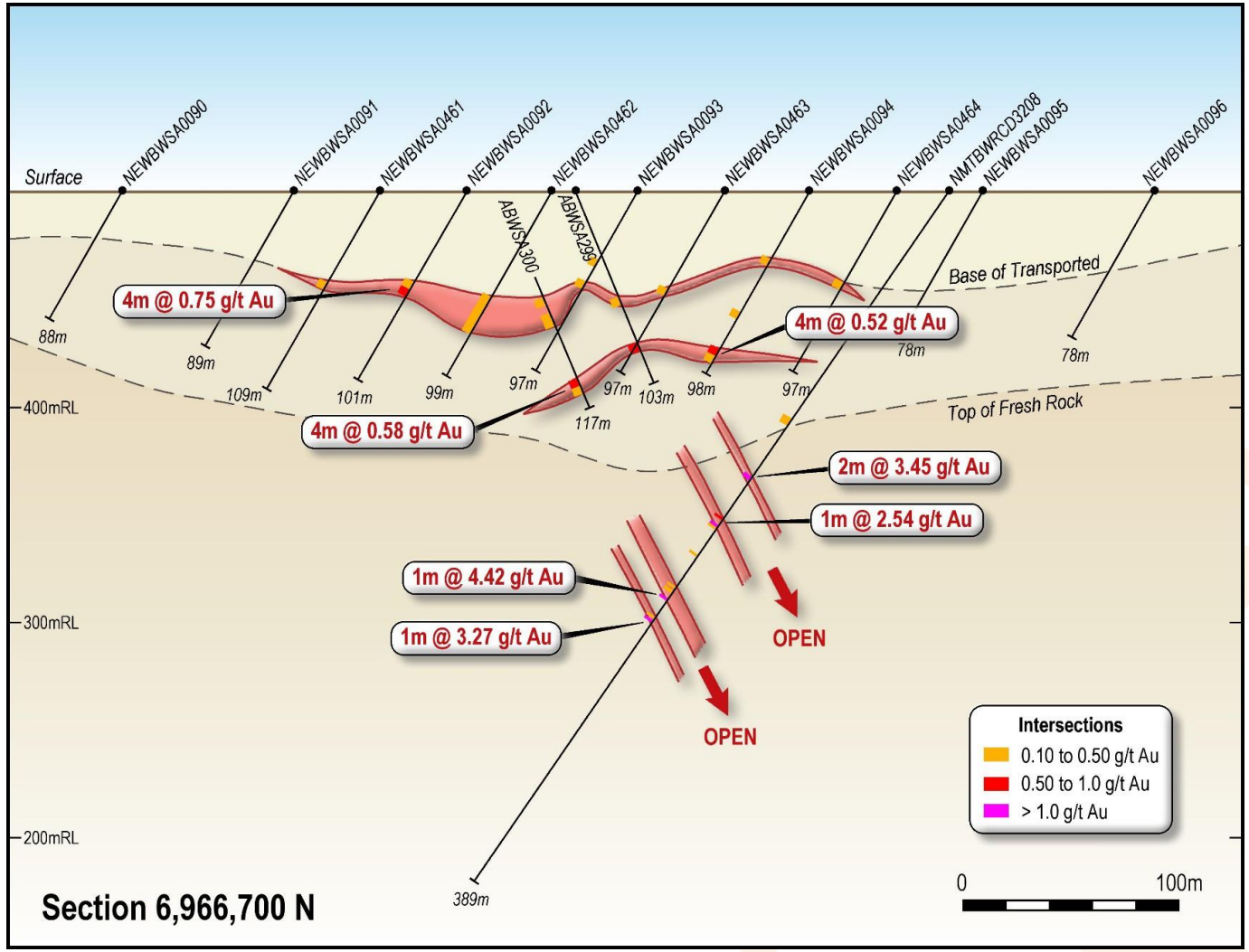


Figure Source: Kohler et al (2003). Bronzewing Gold Deposit, Yilgarn Craton, Western Australia. In Yilgarn Gold Province. CSIRO. pp139-172



Refer ASX announcement 14 March 2019

Bronzewing South Gold Project – Orelia Trend

Mineralisation, Structure & Geology

The Orelia Trend 14km strike length has highlighted multiple targets in three main trends

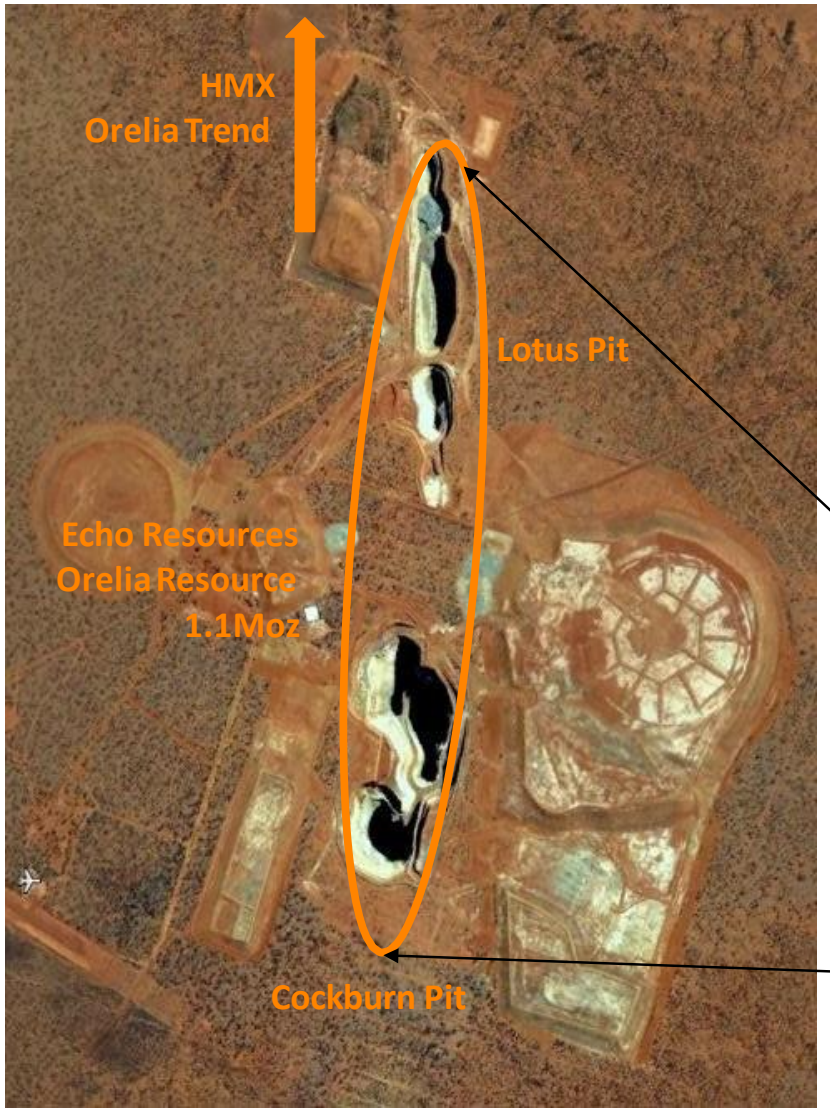
Orelia Trend is along strike from former Cockburn & Lotus pits (Mt Mclure Operation) now held by Echo Resources and underlying 1.1Moz Au Orelia Resource

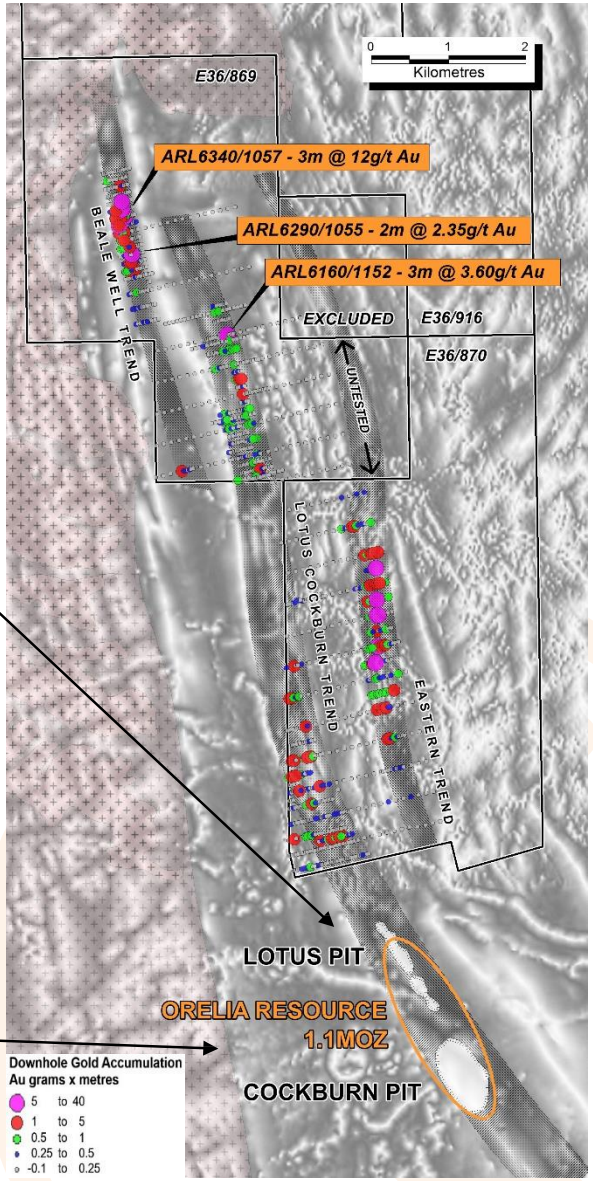
High-grade mineralisation is evident through historic significant intercepts, including:

- 3m @ 12.0g/t Au from 18m (ARL6340/1057)
- 3m @ 3.60g/t Au from 9m (ARL6160/1152)
- 3m @ 2.35g/t Au from 6m (ARL6290/1055)

High-priority target Ken's Bore has strongly anomalous gold results in rock chips coinciding with a 3km strike length gold-in-soil anomaly

Refer ASX announcement 14 March 2019





Mt Isa Province

2,000km² landholding that covers a range of early stage greenfield to advanced development study projects

High quality IOCG grassroots targets including Overlander, Andy's Hill, Perentie & the Mt Philip Breccia

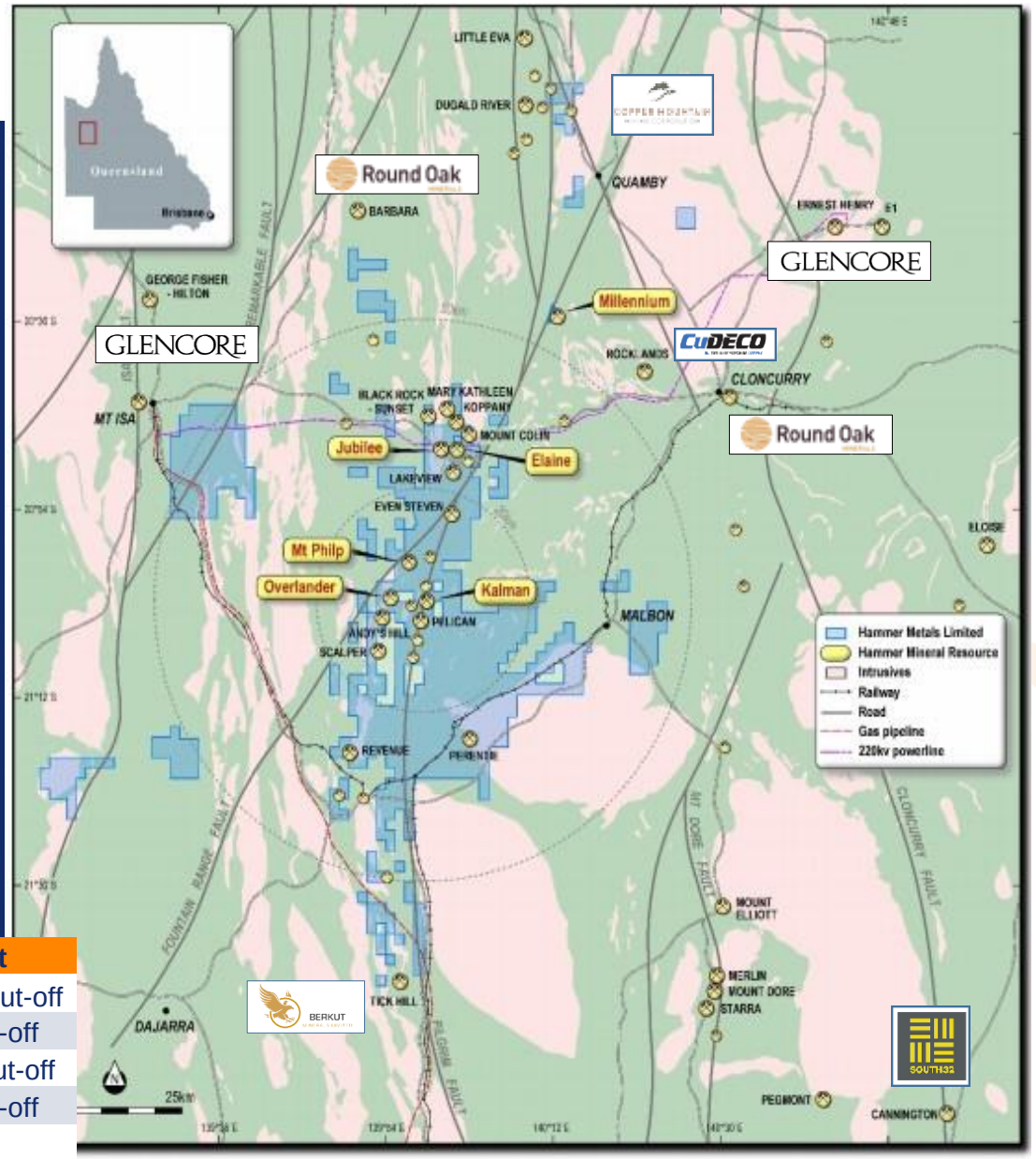
Mining & optimisation studies are underway at Jubilee (51% HMX), Elaine, Kalman & Overlander to assess development options

The Mt Isa Province is one of the most significant IOCG provinces in the world and hosts almost 30% of the world's lead-zinc reserves

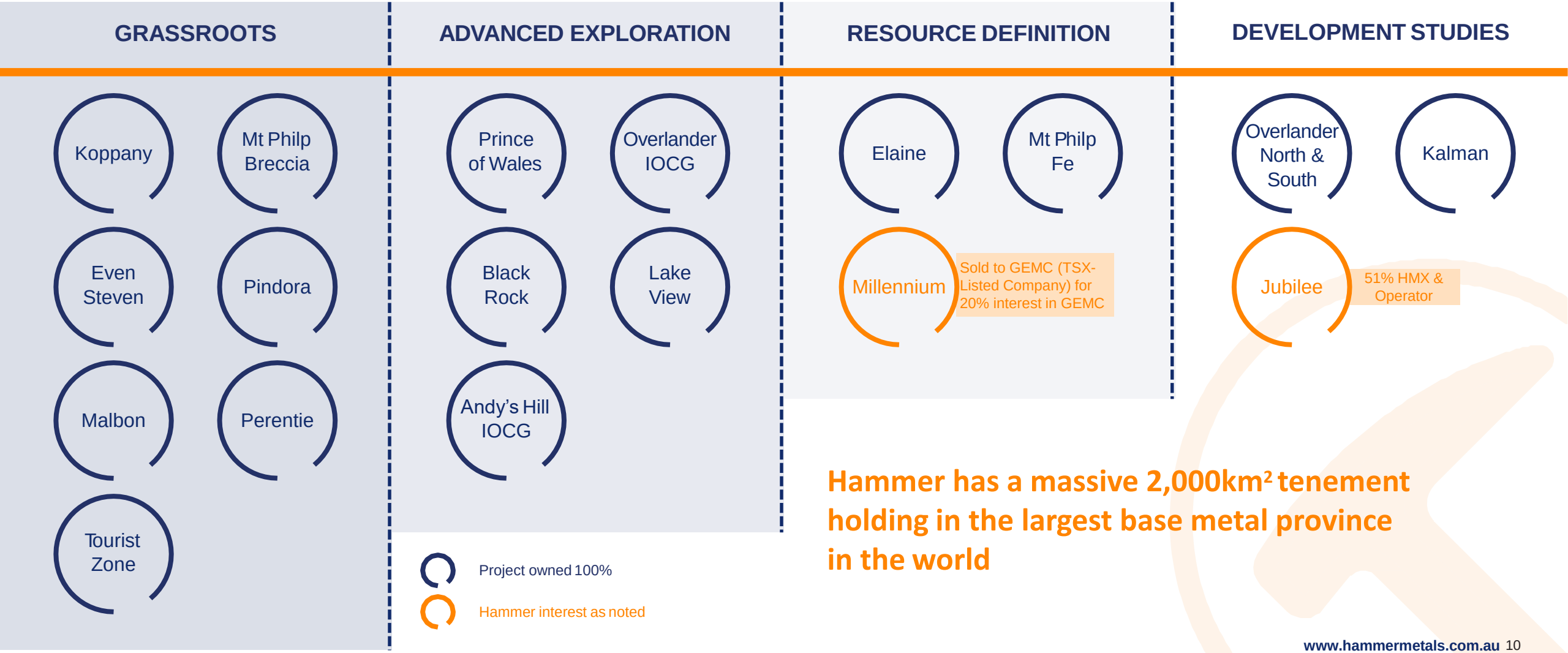
Hammer's Mt Isa tenement holdings are close to major corporates and existing mines, including:

- Glencore (Mt Isa, George Fisher, Ernest Henry, Lady Loretta)
- South 32 (Cannington)
- Chinova Resources (Osborne, Merlin, Mt Elliot, Starra)
- Round Oak Minerals (Mt Colin, Cloncurry, Barbara)

Deposit	Tonnes Mt	CuEq %	Cu %	Au g/t	Co %	Mo %	Re g/t	Fe %	Comment
Kalman	20	1.8	0.61	0.34	-	0.14	3.7	-	0.75% CuEq cut-off
Jubilee	1.4	-	1.41	0.62	-	-	-	-	0.5% Cu cut-off
Elaine	9.3	0.95	0.82	0.19	-	-	-	-	0.7% CuEq cut-off
Overlander	1.8	-	1.20	-	0.05	-	-	-	0.7% Cu cut-off
Mount Philp	30.5	-	-	-	-	-	-	39	



Mt Isa Asset Portfolio



Hammer has a massive 2,000km² tenement holding in the largest base metal province in the world

Jubilee Deposit: Copper-Gold

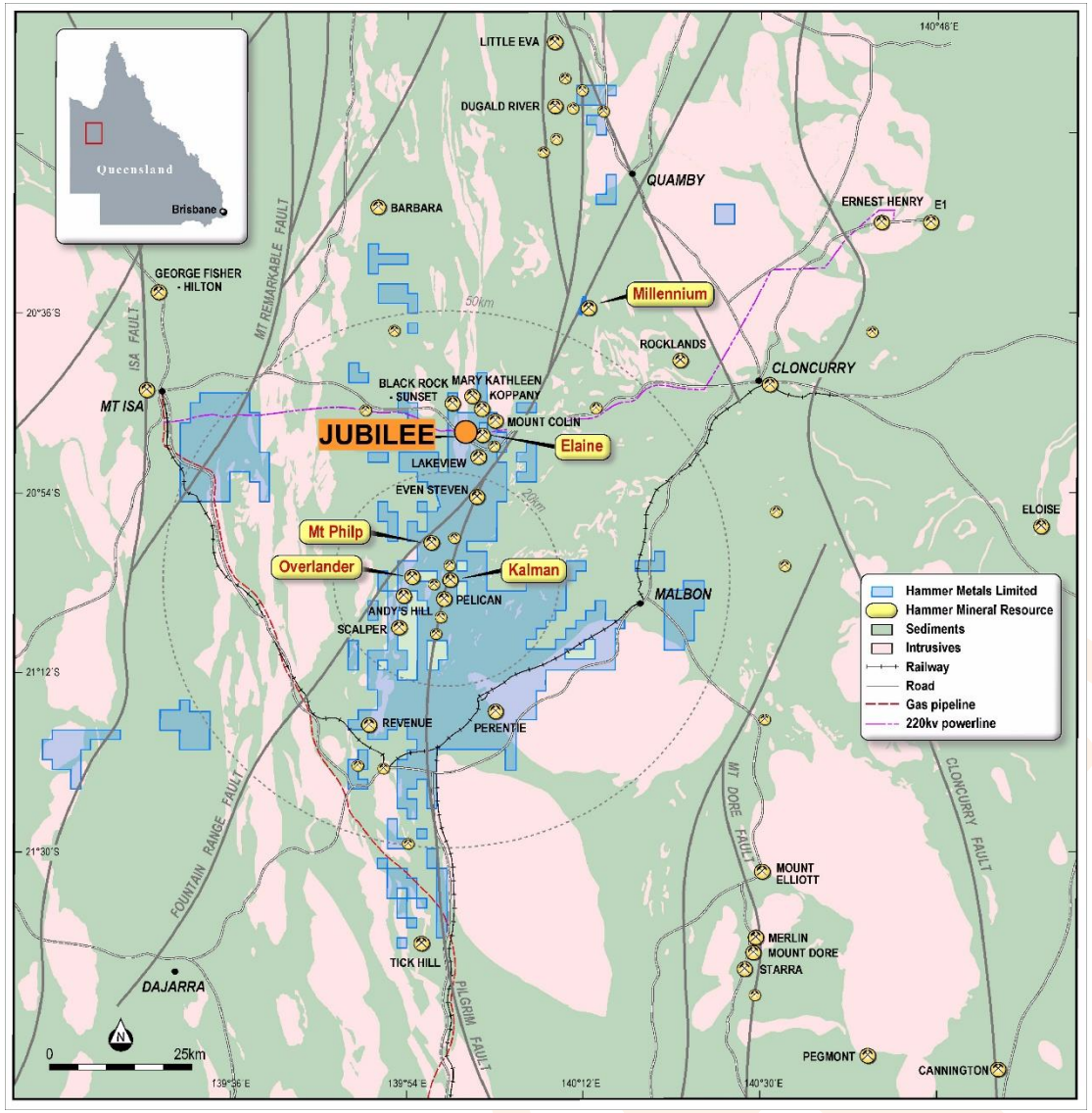
Jubilee is part of the Mt Frosty Joint Venture (51% HMX and operator) with Mount Isa Mines (MIM, 49%) and is <1km from the Barkly highway & 55km from Mt Isa

Maiden Inferred Resource Estimate released on 20 December 2018 of **1.41Mt @ 1.41% Cu & 0.62 g/t Au for 20kt Cu & 28koz Au**
(refer ASX announcement)

Excellent preliminary metallurgical results of >90% copper recovery to rougher concentrate

Jubilee deposit extends from surface with significant potential to extend the resource at depth and along strike

Hammer have identified Jubilee & Elaine analogous greenfield targets 5km to the west at Black Rock & Sunset



Kalman Deposit: Copper-Gold-Molybdenum-Rhenium

Kalman is 100% HMX owned and is located 6km east from Hammer's 100% owned Overlander project

Indicated and Inferred Mineral Resource Estimate of is 20Mt @ 0.61% Cu, 0.34g/t Au, 0.14% Mo, 3.7g/t Re

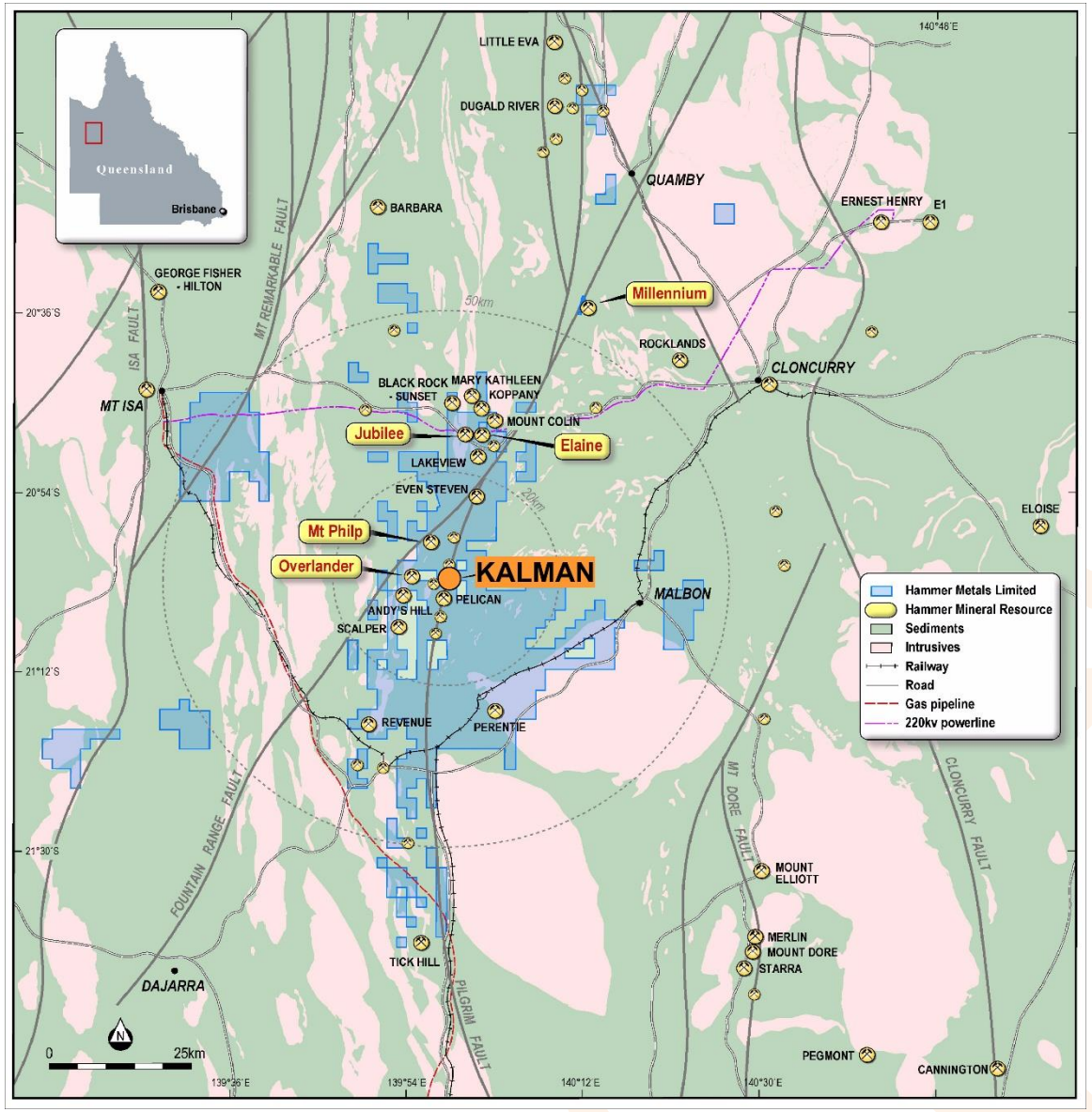
Open pit and underground potential; the deposit remains open at depth and along strike

High-grade mineralisation is evident within the broader Kalman deposit, highlighted by drill intercepts including:

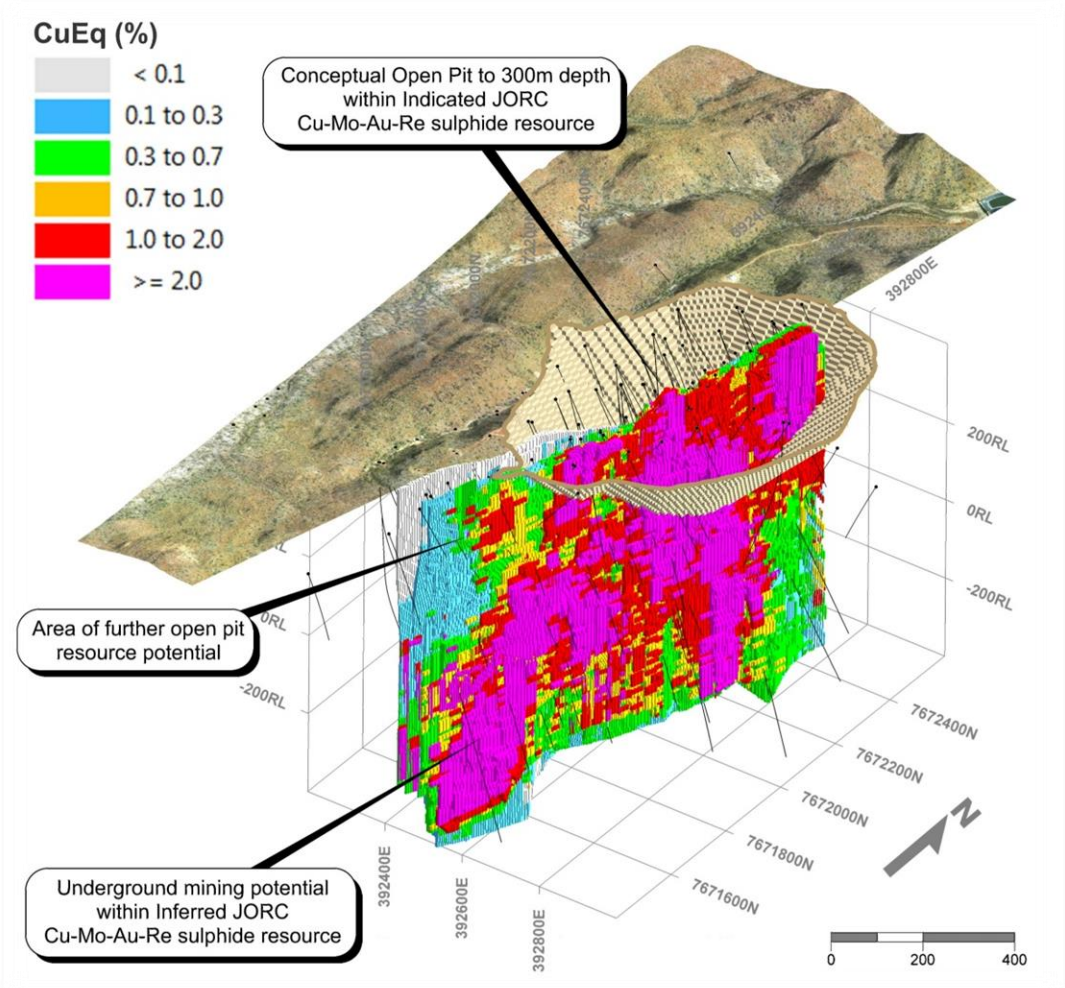
- 7.7m @ 23.4% Cu & 0.5g/t Au from 582m (K-106C)
- 53m @ 2.1% Cu & 0.5g/t Au from 695 (K-106C)
- 31m @ 1.0% Cu & 1.1g/t Au from 221 (K-53)
- 7m @ 0.3% Cu, 3.4% Mo & 57.3g/t Re, within 62m @ 0.65% Mo & 11g/t Re

(refer ASX announcement – 27 September 2016)

Further pit optimisation studies are planned for 2019



Kalman Deposit: Copper-Gold-Molybdenum-Rhenium



Kalman conceptual optimised pit shell showing drill traces – Looking northwest

Refer ASX announcement – 27 September 2016

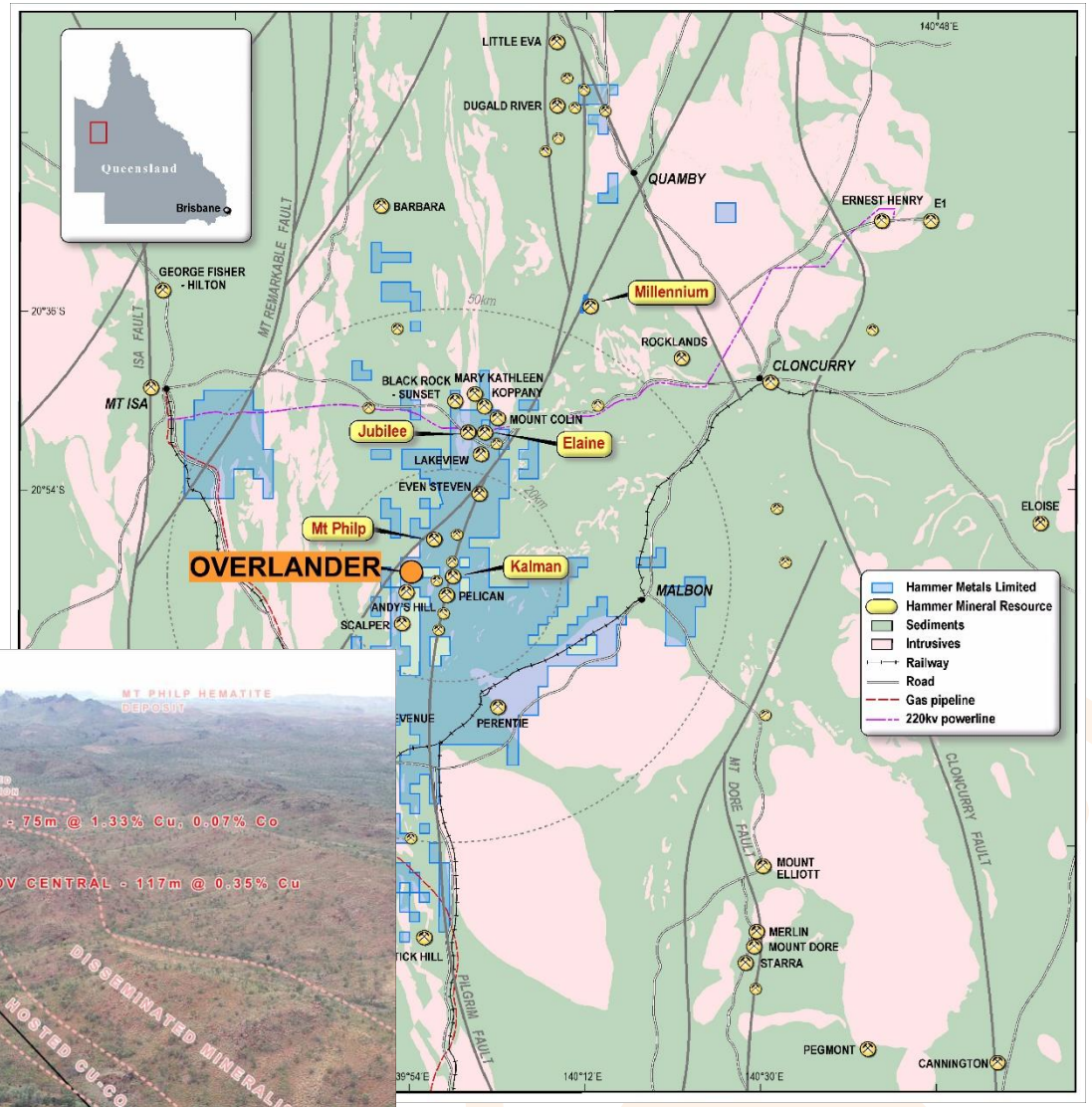
Overlander Deposit: Copper-Gold

Overlander is 100% HMX owned and is located 6km west from Hammer's 100% Kalman project

Indicated and Inferred Mineral Resource Estimate of 1.8Mt at 1.2% Cu (0.7% Cu cut-off) Large mineralised system with 6km in strike length Significant copper grades and thickness, including:

- 28m @ 1.90% Cu & 16m @ 1.90% Cu, within 75m @ 1.33% Cu (OVRC29)
- 27m @ 1.40% Cu, within 87m @ 0.74% Cu (OVRC30)
- 56m @ 1.40% Cu & 11m @ 2.40% Cu & 10m @ 1.60% Cu, within 89m @ 1.10% Cu (OVRC31)

Potential to extend current resource as the deposits remains open at depth and along strike



Overlander prospect (looking north) showing the location of Overlander south, central and north with the IOCG target

Refer ASX announcement – 26 August 2015

Elaine Deposit: Copper-Gold

Elaine is 100% HMX owned and is located 5km east from Hammer's 51% controlled Jubilee project

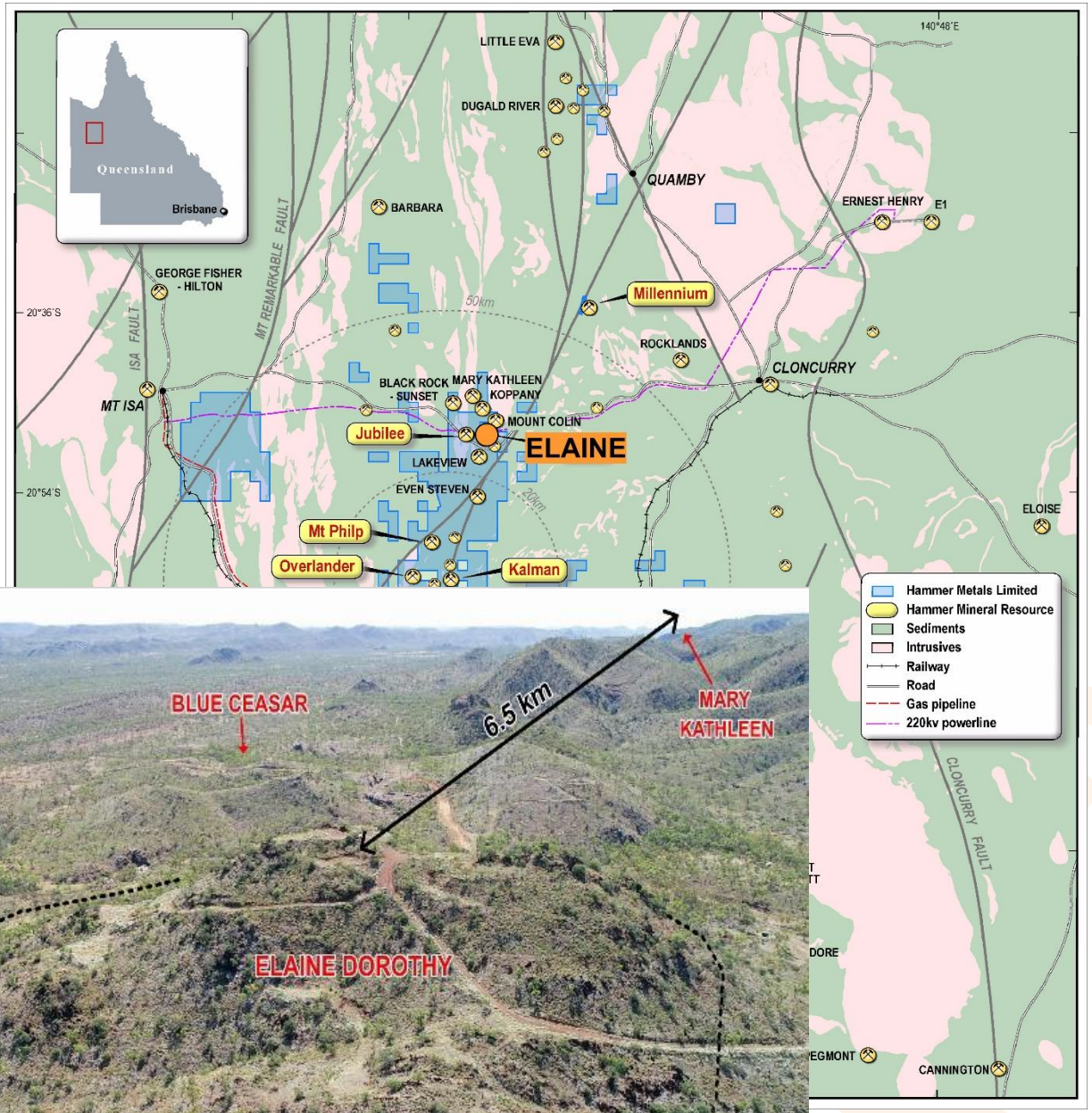
Inferred Mineral Resource Estimate of 9.3Mt @ 0.82% Cu & 0.19g/t Au

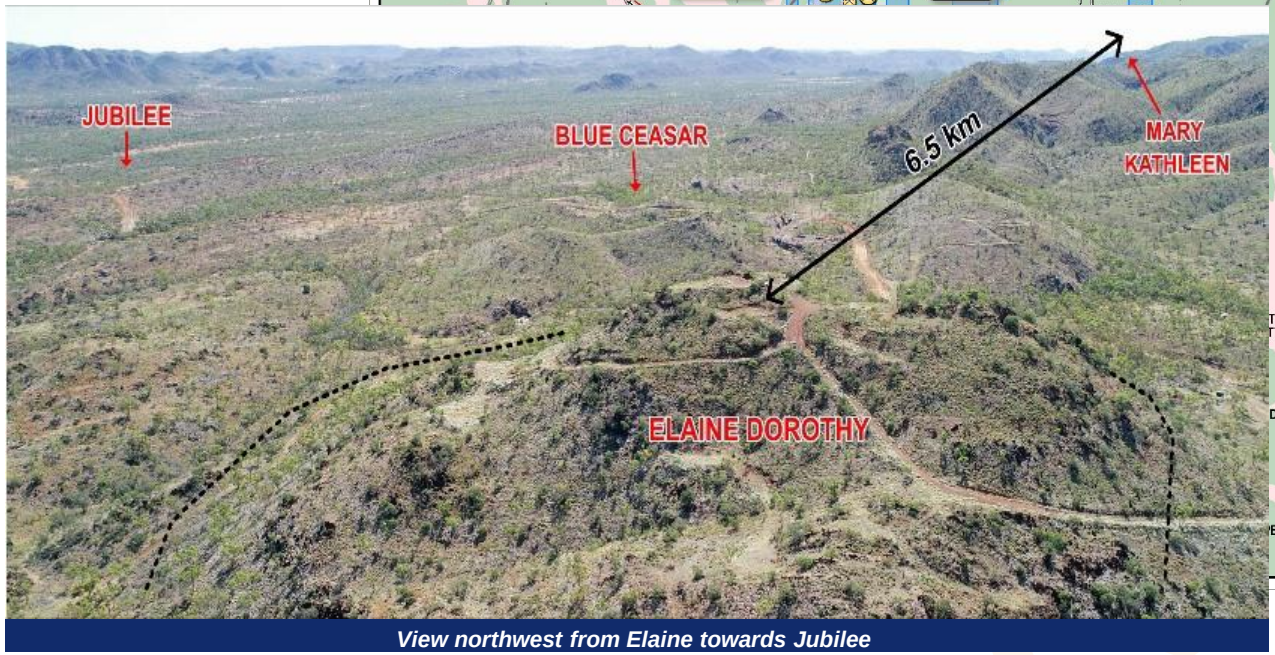
Drilling has identified broad copper mineralisation, highlighted by up to 206m @ 0.53% Cu & 159m @ 0.50% Cu from 503m

High-grade gold mineralisation is evident within the broader Elaine deposit, drilling intersecting up to 30m @ 6.73g/t Au from 508m & 26m @ 1.7g/t Au from 160m

Preliminary metallurgical results of 90% copper recovery to cleaner concentrate

Hammer has identified multiple targets along strike from the current resource – Elaine 2, Elaine 3 & Blue Caesar





View northwest from Elaine towards Jubilee

Refer ASX announcement – 18 October 2012

Mt Isa – Greenfield Exploration Profile

High Priority Greenfield Targets

Mount Philip Breccia IOCG Target: Copper-Gold

- Massive +20km^2 breccia complex with extensive alteration, brecciation and intrusive activity that has never been assessed for IOCG mineralisation
- Rock chip samples of up to 16% Cu & 2.41g/t Au identified in April 2019
  (refer ASX announcements – 11 December 2018, 24 January 2019)

Malbon IOCG Target: Copper-Gold

- Parallel prospective trends up to 1.8km in length, 40km east of Kalman
- Rock chip samples of up to 16% Cu & 13g/t Au identified in May 2019
  (refer ASX announcement – 11 June 2019)

Additional Greenfield Targets

Manganese Ridge: Manganese

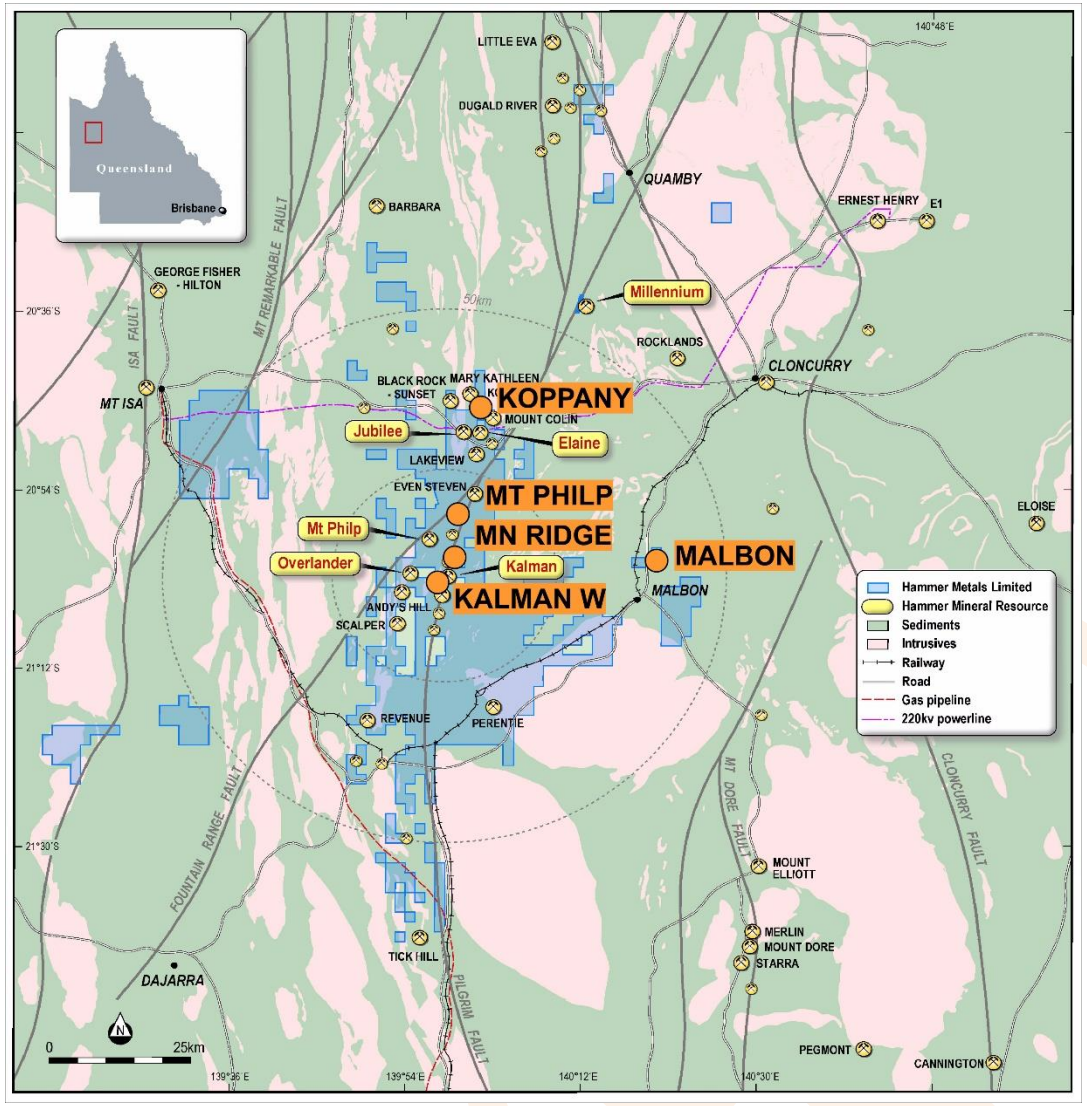
- Geological mapping has defined a Quartz-Pyrolusite Breccia associated with the Pilgrim Fault.

Kalman West

- Graphitic Schist is a common lithology within the Kalman West structure – strongly anomalous gold, copper, lead & zinc

Koppany

- Copper and Rare Earth Element potential near the historic Mary Kathleen U-REE Mine



High Priority Greenfield Targets

Mount Philip Breccia IOCG Target: Copper-Gold

Massive +20km² breccia complex with extensive alteration, brecciation and intrusive activity that has never been assessed for IOCG mineralisation

161 samples collected to date collected for multi-element analysis

Significantly elevated rock chip samples of up to 2.4g/t Au & 16% Cu

(refer ASX announcements – 11 December 2018, 24 January 2019)

Highly encouraging results to date, identifying previously unrecognized bedrock mineralisation associated with soil anomalies

Hammer has received a government grant to party fund future work - Gravity, aeromagnetic interpretation & mapping to generate drill targets

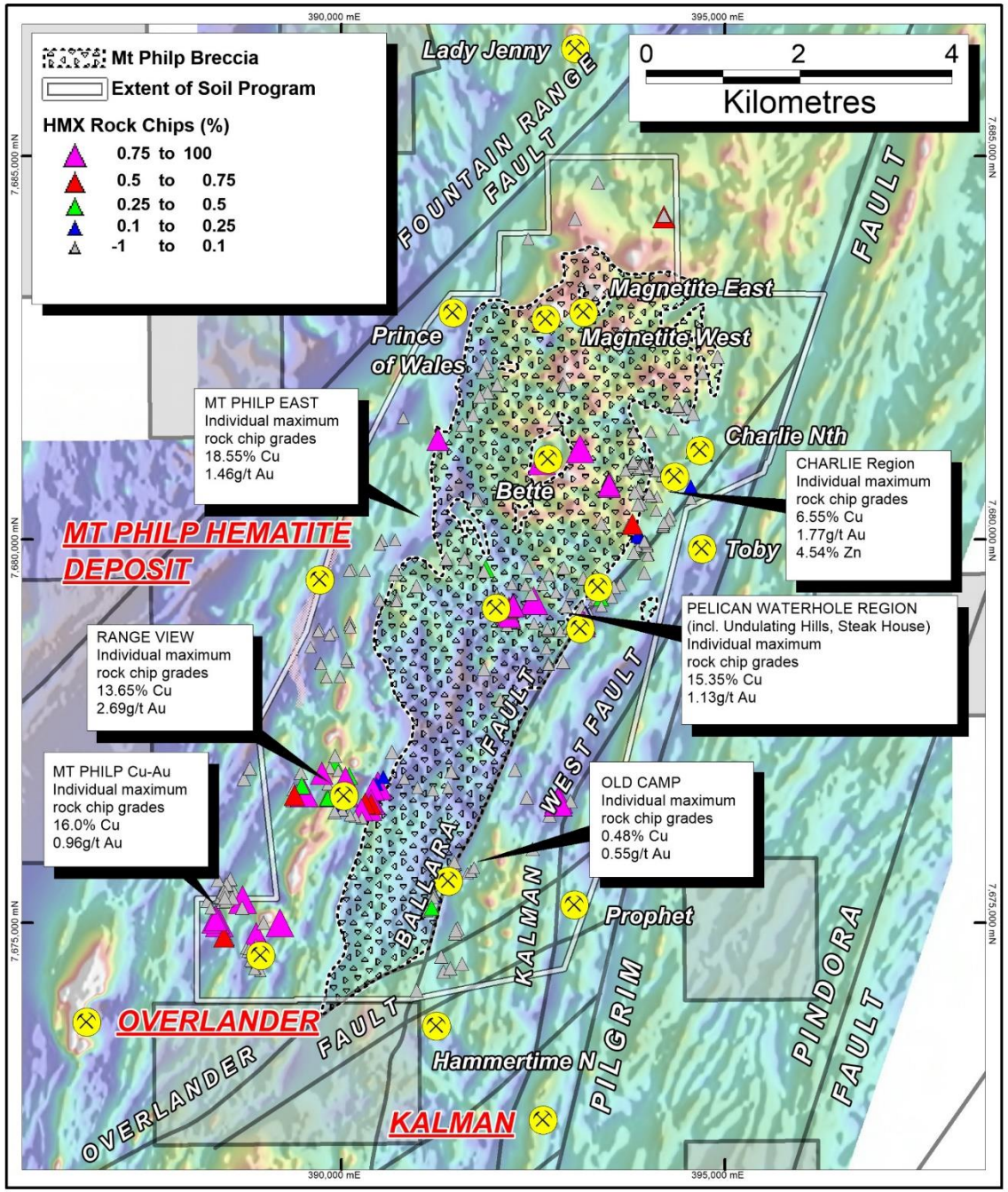
Malbon IOCG Target: Copper-Gold

Parallel prospective trends up to 1.8km in length, 40km east of Kalman

Rock chip sampling has defined the Speculation, Pioneer Prince Charlotte & Alice-Kings trends within the Malbon region

Sampling reported grades of up to 12.9g/t Au, 15.8% Cu & 0.4% Co
(refer ASX announcement – 11 June 2019)

Mapping & additional sampling to develop a greater understanding of mineralised trends and geology of the target area prior to drilling



Additional Greenfield Targets

MANGANESE RIDGE

Lithiated manganese dioxide batteries (LMD) currently in use in Chevy Volt and Nissan Leaf

Geological mapping has defined a Quartz-Pyrolusite Breccia associated with the Pilgrim Fault

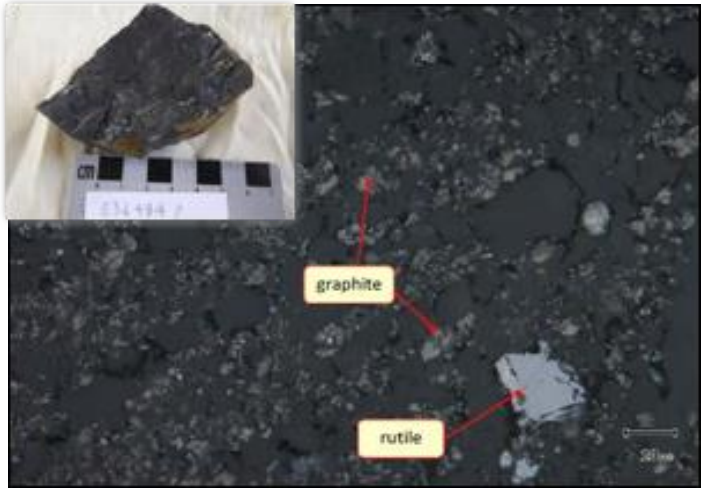
KALMAN WEST

Graphitic Schist is a common lithology within the Kalman West structure

VTEM conductors possibly indicate widespread graphite or sulphide occurrences elsewhere along the structure

Rock chip results range between 7.42% and 10.95% Total Graphitic Carbon (refer ASX announcement – 19 May 2017)

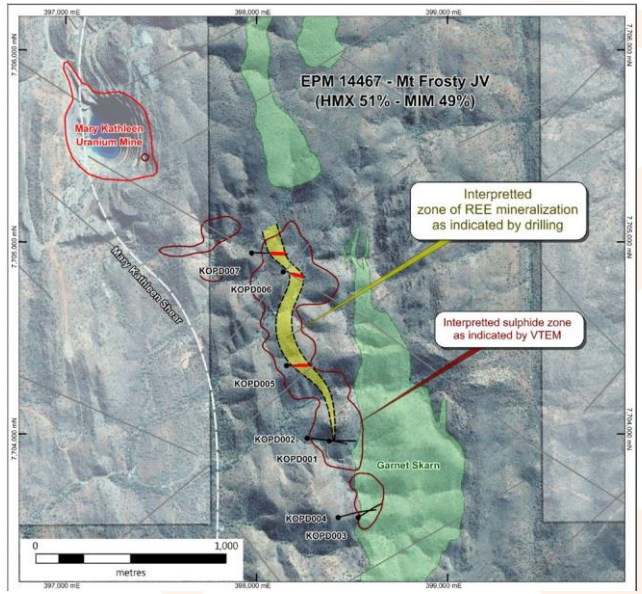
Petrology indicates flakes of up to 1.2mm in size (“Jumbo Flake”)



KOPPANY REE’S

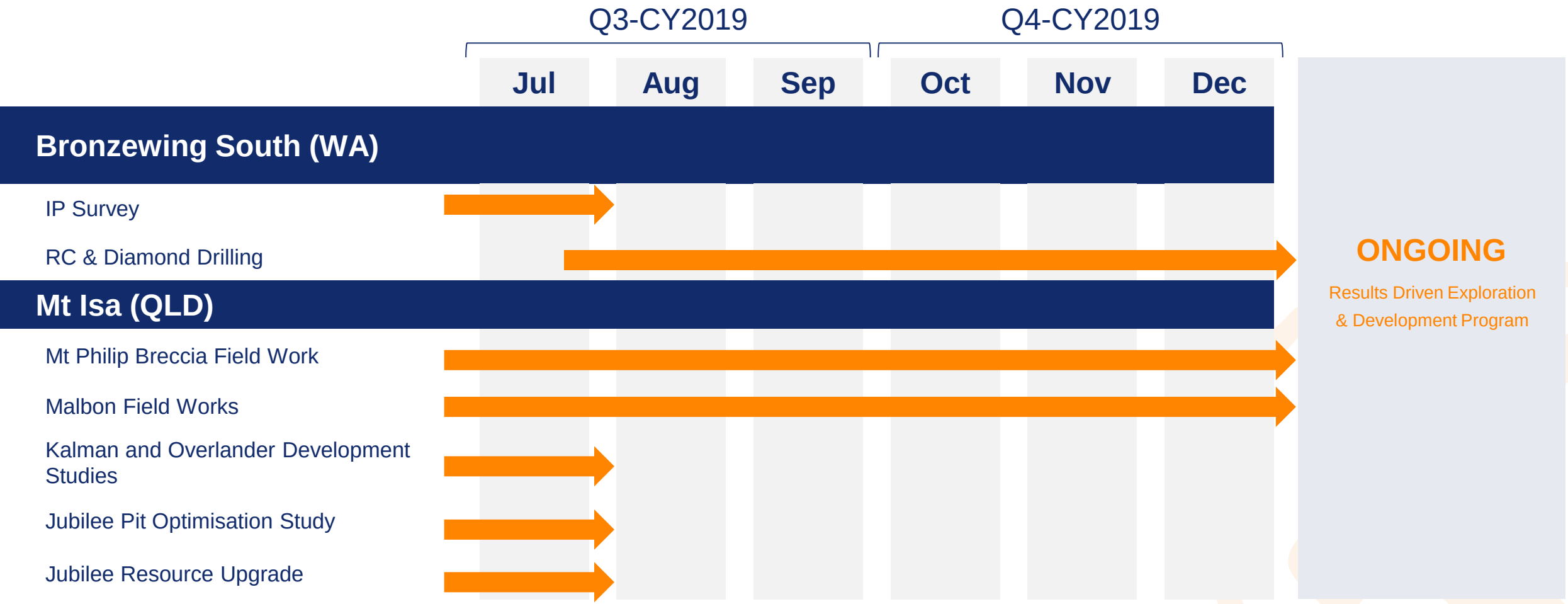
Light Rare Earth Element (‘REE’) potential for cerium, lanthanum, neodymium and praseodymium confirmed at the Koppany Prospects and multiple greenfields targets

Potential synergies with the Mary Kathleen mine which hosted significant quantities of light REE’s that were not recovered during mining (refer ASX announcement – 3 June 2019)



Aggressive Exploration to Deliver News & Milestones

Parallel workstreams to provide consistent newsflow



Corporate Snapshot - ASX:HMX

BOARD AND MANAGEMENT WITH A TRACK RECORD OF SUCCESS

Russell Davis Chairman BSc (Hons) MBA, MAusIMM, AICD	+30 years experience in the industry Geologist with exploration and development experience Founding Director and NED of Gold Road Resources
Ziggy Lubieniecki Director BSc, MAIG	+30 Years experience in the industry Geologist with exploration and mine management experience Credited with discovery of Guyere Gold Deposit (+6.5Moz) AMEC Prospector of the Year 2015
Nader El-Sayed Director B.Comm, MA, CA	+15 years experience in the industry Accountant with risk management and corporate experience Currently Chief Executive Officer of Multiplant Holdings
Mark Whittle Chief Operating Officer BSc (Hons), MSc Geol, FAusIMM	+30 years experience in the industry Geologist with 10 years experience in the Mount Isa Region Previously Exploration Manager of Syndicated Metals Limited
Mark Pitts Company Secretary	+30 years experience in the industry Commercial, corporate finance and public practice experience Partner at corporate advisory firm Endeavour Corporate

CAPITAL STRUCTURE

SHARES ON ISSUE (M) (Undiluted)	351.2
MARKET CAP (M) (at A$0.025)	8.8
CASH (M) (End Mar. Q2019)	1.1
DEBT (M)	0
ENTERPRISE VALUE (M)	7.7
LISTED OPTIONS (M)	190.4[a]
UNLISTED OPTIONS (M)	31.9[b]

a) Listed options are exercisable at $0.03 each with 30 Sep 2020 expiry; would raise c.$5.5m if exercised

b) Unlisted options have a weighted average exercise price of $0.055 and would raise c.$1.8m if exercised

CAPITAL BREAKDOWN

DIRECTORS	**13.5%**
DEUTSCHE ROHSTOFF	**12.5%**
RESOURCE CAPITAL FUNDS	**7.2%**
ZENITH PACIFIC LIMITED	**6.1%**
OTHERS	**60.8%**

Hammer Metals Ltd

Contact

Russell Davis, Chairman
russell@hammermetals.com.au

Mark Whittle, Chief Operating Officer
mark.whittle@hammermetals.com.au

Suite 1, 827 Beaufort Street, Mt Lawley, Western Australia 6052
Phone: +61 8 6369 1195

www.hammermetals.com.au

Disclaimer and Competent Persons Statement

Disclaimer

This presentation by its nature contains summarised information. See Hammer's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange, which are available at www.asx.com.au for more information.

Within this presentation there may be certain forward- looking statements, opinions and estimates. These are based on assumptions and contingencies which are subject to change without notice and are not guarantees of future performance. Hammer assumes no obligation to update such information. Recipients of this document are cautioned to not place undue reliance on such forward-looking statements.

To the extent permitted by law, Hammer and its officers, employees, related bodies corporate and agents disclaim all liability, direct, indirect or consequential for any loss or damage suffered by a recipient or other persons arising out of, or in connection with, any use or reliance on this presentation or information.

Competent Persons Statements

Certain exploration drilling results relating to the Mount Isa Project were first disclosed under JORC code 2004 and have not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed.

Resource Estimates

Where the Company refers to Mineral Resource Estimates for the following projects:

- the Kalman Deposit (refer ASX 27 Sept 2016);
- the Overlander North and South Deposit (refer ASX 26 Aug 2015); and
- the Jubilee Deposit (refer ASX 21 December 2018).

It confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the resource estimates with those announcements continue to apply and have not materially changed.

The Minerals Resource Estimates shown for Mt Philp and Elaine were prepared and disclosed by previous owners refer to attached Mineral Resource Estimate Appendices

The information in this presentation that relates to Exploration Results or Mineral Resources is based on information compiled by Russell Davis who is a member of the Australasian Institute of Mining and Metallurgy. Mr Davis is a Director, shareholder and option holder of Hammer Metals Limited. Mr Davis has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code). Mr Davis consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

The information in this presentation that relates to Exploration Results or Mineral Resources was reviewed by Mark Whittle who is a fellow of the Australian Institute of Mining and Metallurgy and an employee of Hammer Metals Limited. Mr Whittle has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code). Mr Whittle consents to the inclusion in the presentation of the matters based on their information in the form and context in which it appears.

Both Mr Davis and Mr Whittle have an interest in Hammer Metals Limited shares and options.

Kalman Resource Estimate & Notes on Copper Equivalence Calculation and Metallurgical Recoveries

The Kalman Mineral Resource Estimate was updated in August 2016 in accordance with the JORC Code (2012 Edition). (Refer to the ASX Release dated 27th September 2016 for full details of the Resource Estimate.) The company is not aware of any new information or data that materially affects the information in the HMX ASX announcement dated September 27th, 2016. All material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

Kalman Deposit Mineral Resource Estimate

(Reported at 0.75% CuEq cut-off above 100m RL and 1.4% CuEq cut-off below 100m RL)

Classification	Mining Method	CuEq Cut-Off	Mt	Cu Eq %	Cu %	Mo %	Au g/t	Ag g/t	Re g/t
Indicated	*Open Pit*	*0.75%*	7.1	1.5	0.48	0.12	0.27	1.4	2.9
Inferred	*Open Pit*	*0.75%*	6.2	1.6	0.44	0.15	0.24	1.5	3.9
Inferred	*Underground*	*1.40%*	7.0	2.4	0.89	0.16	0.5	2.9	4.5
	Total		**20.0**	**1.8**	**0.61**	**0.14**	**0.34**	**1.9**	**3.7**

- *Note: (1) Numbers rounded to two significant figures*
- *Note: (2) Totals may differ due to rounding*
- *Note: (3) CuEq = Cu + (0.864268 * Au) + (0.011063 * Ag) + (4.741128 * Mo) + (0.064516 * Re)*

Copper equivalent (CuEq) grades were calculated using estimated block grades for Cu, Au, Ag, Mo and Re.
The CuEq calculation is based on commodity prices and metallurgical recovery assumptions as detailed in this release. Prices agreed to by Hammer were a reflection of the market as at 14/02/2014 and forward looking forecasts provided by consensus analysis. Metal prices provided are:

The CuEq calculation is based solely on commodity prices without assumptions about recovery or payability of the different metals. Prices agreed to by Hammer were a reflection of the market as at 14/02/2014 and forward looking forecasts provided by consensus analysis. Metal prices provided are: Cu: US$7,165/t, Au: US$1,324.80/oz, Ag: US$22.40/oz, Mo: US$16.10/lb
The forward looking price for Rhenium was estimated using available historical and current prices - Re: US$5,329/kg
The CuEq equation is CuEq = Cu + 0.594464Au + 0.010051Ag + 4.953866Mo + 0.074375Re and was applied to the respective elements estimated within the resource block model.

Assumed Metallurgical Recoveries

Based on the testing completed and the current understanding of the material characteristics it has been assumed that the Kalman material can be processed using a "typical" concentrator process flowsheet. The mass balance and stage metallurgical recovery of the four major elements were based on the metallurgical test results from the molybdenum zone sample and benchmarks. The final overall recovery (Table 3) was established from the mass balance and benchmarked against other operations and projects.

Process Stage		Copper	Molybdenum	Gold	Rhenium	Silver(1)
Bulk Rougher	*% Rec'y*	95	95	82	86	82
Overall	*% Rec'y*	86	86	74	77	74

(1) No data available for Silver recoveries so they have been assumed similar to Gold Recoveries

It is the company's opinion that the metals used in the metal equivalent equation have reasonable potential for recovery and sale based on metallurgical recoveries in flotation test work undertaken to date. There are a number of well-established processing routes for copper molybdenum deposits and the sale of resulting copper and molybdenum concentrates.

Overlander Mineral Resource Estimate

The 100%-owned Overlander Project is situated 60 kilometres to the southeast of the mining centre of Mount Isa in North West Queensland and 6 kilometres to the west of Hammer's Kalman copper-gold-molybdenum-rhenium deposit. It is a high-priority target area for both shear-hosted copper and IOCG copper mineralisation. The Overlander North and South copper Deposits are situated approximately one kilometre apart within a common shear zone.

Drilling in the Overlander North deposit extends to a vertical depth of approximately 430m and the mineralisation was modelled from surface to a depth of approximately 420m below surface. Drilling in the Overlander South deposit extends to a vertical depth of approximately 215m and the mineralisation was modelled from surface to a depth of approximately 180m below surface. The resource estimates are based on good quality RC and diamond drilling data. Drill hole spacing is predominantly on a 40m by 20m spacing with additional drill holes between sections targeted at the higher grade cores of the deposits.

Following additional drilling in 2014 and 2015, The Mineral Resource Estimates for the Overlander North and South shear-hosted copper Deposits were revised by Haren Consulting and reported in accordance with the guidelines of the JORC Code (2012 Edition). They contain combined resources of 1,772,000 tonnes at 1.2% copper in the indicated and inferred categories (Refer to the ASX release dated August 26th 2015). The company is not aware of any new information or data that materially affects the information in the HMX ASX announcement. All material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

Overlander North and South Mineral Resource Estimate

(Reported at 0.7% Cu cut-off)

Overlander North Resource					
Classification	**Tonnes**	**Cu %**	**Co %**	**Cu t**	**Co t**
Indicated	253,000	1.4	254	3,414	64
Inferred	870,000	1.3	456	11,350	396
Total	**1,123,000**	**1.3**	**410**	**14,764**	**461**

Overlander South Resource					
Classification	**Tonnes**	**Cu %**	**Co %**	**Cu t**	**Co t**
Indicated	-	-	-	-	-
Inferred	649,000	1	500	6,352	327
Total	**649,000**	**1**	**500**	**6,352**	**327**

Overlander Combined Mineral Resource					
Classification	**Tonnes**	**Cu %**	**Co %**	**Cu t**	**Co t**
Indicated	253,000	1.4	254	3,414	64
Inferred	1,518,000	1.2	476	17,700	723
Total	**1,772,000**	**1.2**	**445**	**21,112**	**788**

•Note: (1) Numbers rounded to two significant figures to reflect appropriate levels of confidence
•Note: (1) Totals may differ due to rounding

Jubilee Mineral Resource Estimate

The 51%-owned Jubilee Deposit is situated 50 kilometres west of Mount Isa in North West Queensland.
It is a high-priority target area for shear-hosted copper mineralisation.

Mineralisation was modelled from surface to a depth of approximately 325m below surface.

The resource estimates are based on good quality RC and diamond drilling data. Drill hole spacing is predominantly on a 50m by 40m spacing with additional drill holes between sections targeted at the higher grade cores of the deposits.

The Mineral Resource Estimate was conducted by H&S consultants Pty Ltd and reported in accordance with the guidelines of the JORC Code (2012 Edition). They contain combined resources of 1.41Mt at 1.41% copper and 0.62g/t Au in the inferred category (Refer to the ASX release dated December 20th, 2018). The company is not aware of any new information or data that materially affects the information in the HMX ASX announcement. All material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

Jubilee Inferred Mineral Resource Estimate

(Reported at 0.5% Cu cut-offs)

Category	Domain	Mt	Cu %	Cu (t)	Au g/t (Cut)	Au oz (Cut)
Inferred	*Mod-Slightly Weathered*	0.07	1.51	1,000	0.55	1,200
Inferred	*Fresh*	1.34	1.41	19,000	0.63	27,100
Inferred	**Total**	**1.41**	**1.41**	**20,000**	**0.62**	**28,300**

•Note: (1) Totals may differ due to rounding

Elaine Project Mineral Resource Estimate & Notes on Copper Eqv Calculation and Metallurgical Recoveries

The 100%-owned Elaine Cu-Au deposit is situated on granted exploration licence 14022, approximately 50km east of Mount Isa in North West Queensland.

A resource estimate was first completed and reported to ASX by previous owners (Chinalco Yunnan Copper Resources Limited, now AUKing Limited) on 18th October 2012. The resource was conducted by Mine Development Associates. The company is not aware of any new information or data that materially affects the information in the AKN ASX announcement. All material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

A review of the Resource Estimate was completed for the purpose of compiling this statement and the principles and methodology of the resource estimation procedure and the resource classification procedure are considered to comply.

The Elaine Project Mineral Resource Estimate is based on approximately 30 holes to a depth of 450 metres below surface.

The current resource totals 9.3 million tonnes (Mt) grading 0.82% Cu and 0.19g/t Au and is classified as being all in the Inferred category. The resource is tabulated below at a variety of CuEq % cut-offs.

CuEq cut-off %	Mt	CuEq %	Cu %	Au g/t
0.10	64.34	0.34	0.31	0.05
0.20	32.77	0.54	0.49	0.08
0.25	26.10	0.62	0.56	0.09
0.30	22.81	0.67	0.60	0.10
0.40	17.81	0.76	0.68	0.12
0.50	15.05	0.82	0.73	0.13
0.60	12.47	0.88	0.77	0.15
0.70	**9.31**	**0.95**	**0.82**	**0.19**
0.80	6.46	1.04	0.87	0.25

Elaine Inferred Mineral Resource Estimate Metal Equivalent Information - The Copper Equivalent (CuEq) equation has been calculated to reflect current and forecast pricing.

CuEq grades were calculated using estimated block grades for Cu and Au. Metal prices used were:

- Cu: US$5,400/t;
- Au: US$1,300/oz;

The copper equivalent equation is: CuEq % = Cu % + (Au ppm * 0.70216)

Cut-offs of 0.7% have been applied for reporting Mineral Resources.

Metallurgical test-work indicated that acceptable copper-cobalt sulphide concentrates could be produced via conventional processing methods. Based on the test-work conducted, it is the company's opinion that all metals used in the metal equivalent calculation have a reasonable potential to be recovered.

Test No.	April 2013 Elaine Metallurgical Testwork				
	Product	Cu		Au	
		%	% Rec'y	ppm	% Rec'y
Test 11	Final cleaner concentrate	29.9	92.2	2.73	31.7
	Rougher concentrate	8.1	96.0	1.22	54.4
Test 13	Final cleaner concentrate	22.9	77.1	0.88	23.9
	Rougher concentrate	11.6	91.6	0.67	42.3

Mt. Philp Mineral Resource Estimate

The Mineral Resource Estimate is based on 48 diamond and reverse circulation (RC) drillholes completed in 2011 for a total of 3,801 metres (m). Drilling comprises fans located on a nominal 100 m pattern along the strike length of the ironstone. The Mineral Resource was estimated and reported in-house by Cerro Resource NL.

The current resource totals 19.1 million tonnes (Mt) grading 41.4% iron and 37.9% silica (Table 1-1) in the Indicated category and 11.4 million tonnes (Mt) grading 33.8% iron and 47.4% silica in the Inferred category. This resource is open at depth.

A resource estimate was first completed and reported to ASX by previous owners on 28th September 2012. The company is not aware of any new information or data that materially affects the information in the ASX announcement. All material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

Mt Philp Deposit Mineral Resource Estimate

Mt Philp Mineral Resource						
Classification	Mt	Fe %	P %	SiO_2%	Al_2O_3 %	LOI %
Indicated	19.11	41	0.02	38	1.2	0.29
Inferred	11.40	34	0.02	48	2.0	0.31
Total	**30.51**	**39**	**0.02**	**42**	**1.6**	**0.30**

- *Note: (1) Numbers rounded to two significant figures to reflect appropriate levels of confidence*
- *Note: (1) Totals may differ due to rounding*

Notes

Notes

Notes