

Heron Resources Limited



Rapidly Advancing the High Grade Woodlawn Zinc-Copper Project From PEA to Production

ASX: HRR | TSX: HER

Forward Looking & Compliance Statements



Forward Looking Statements

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- This presentation includes information relating to a completed independent scoping study, completed
 independent resource estimate and includes "forward looking statements" which include, without
 limitation, estimates of potential metal in concentrate production based on mineral resources and flowsheets that are currently being evaluated. While the Company has a reasonable basis on which to
 express these estimates, any forward looking statement is subject to risk. Risks include, without
 limitation: metal prices, foreign exchange rate movements, failure to meet project milestones, project
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- The Company does not undertake to release publicly any revisions to forward looking statements
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Compliance Statement (JORC 2012 and NI43-101)

This Report incorporates by reference the complete ASX announcement relating to the PEA results which were released to the market on 22 April 2015 and is entitled "Preliminary Economic Assessment Delivers Strong Business Case for the Woodlawn Zinc-Copper Project" ("PEA Announcement"). The PEA Announcement is available from the Company's website at www.heronresources.com.au or from the ASX or SEDAR, and contains the JORC Table 1 relating to the Underground Mineral Resources as well as the detailed technical and financial assumptions which underpin the PEA results.

The technical information in this release relating to the exploration results and forward program at the Woodlawn Project is based on information compiled by Mr David von Perger, who is a Member of the Australian Institute of Mining and Metallurgy (Chartered Professional – Geology). Mr von Perger is a full time employee of Heron Resources Limited and has sufficient experience, which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code (2012 edition) and "qualified person" as this term is defined in Canadian National Instrument 43-101 ("NI 43-101").

The zinc equivalent ZnEq calculation takes into account, mining costs, milling costs, recoveries, payability (including transport and refining charges) and metal prices in generating a Zinc equivalent value for each block grade for Au, Ag, Cu, Pb and Zn. ZnEq = Zn%+Cu%*3.12+Pb%*0.81+*Au g/t*0.86+Ag g/t*0.03

Metal prices used in the calculation are: Zn US\$2,300/t, Pb US\$ 2,050/t, Cu US\$6,600/t, Au US\$1,250/oz and Ag US\$18/oz. It is Heron's view that all the metals within this formula are expected to be recovered and sold.

Heron Resources

Overview





Woodlawn VMS Zinc-Copper Project

- High grade / high value deposit
- Zinc strong supply/demand fundamentals
- Established Mineral Resources & Ore Reserves
- High grade underground and advanced tailings project
- Granted mining lease and project approvals in place
- Excellent infrastructure: road, rail, power, water

Woodlawn Development Program – Building a New Mine

- Woodlawn PEA (April 2015) strong business case
 - 11 year mine life
 - Post Tax IRR 46%, NPV_{8,3} A\$300M, Payback 2 years
 - Annual Production Target 51kt Zn, 10kt Cu, 16kt Pb, 1.1Moz Ag, 9koz Au
- Feasibility Study underway (fully funded cash \$25.6 million @ 31 Mar 2015)

Heron Resources

Corporate Summary

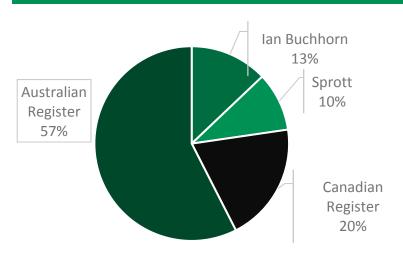


Capital Structure TSX: HER ASX: HRR Shares: 360.9m Options: 16m Share Price: \$0.13 Market Capitalisation: \$47M Cash: \$25.6M (31 Mar 2015) Listed Investments: \$2.8M

Share Price \$0.25 Daily Trading Volume (ASX/TSX) 4.5 Share Price (A\$/C\$) \$0.20 4.0 3.5 \$0.15 \$0.10 2.0 1.5 \$0.05 1.0 0.5 Price - Line Volume - Bar

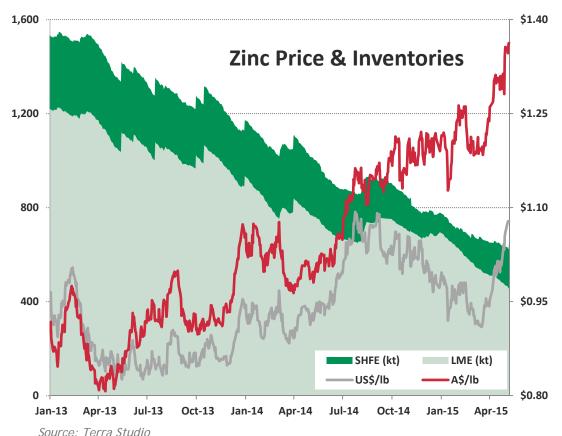
Board & Management Chairman Stephen Dennis Non-Executive Director Borden Putnam III Non-Executive Director Fiona Robertson Ian Buchhorn **Executive Director** Managing Director & CEO Wayne Taylor **General Manager Exploration** Dave von Perger **General Manager Strategy** Charlie Kempson **CFO & Company Secretary** Simon Smith

Share Register



Zinc Market A 'Fundamentals' Case





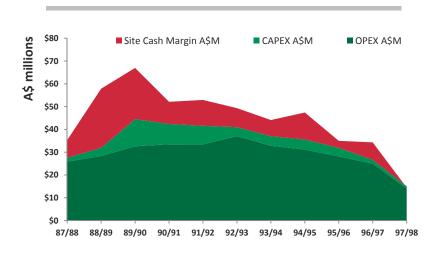
- Supply deficit exists now
- Inventory stocks are falling
- Significant mine closures in near term
- Demand continues to perform well (>50% galvanising)
- Still to incentivise new production
- Lack of quality projects
- Lead time to production for most projects is significant

WE ARE ENTERING A PERIOD OF SUSTAINED ZINC PRICE STRENGTH



- Discovered in 1970
- Operated from 1978 to 1998
- Processed 13.8Mt @ 9.1% Zn, 3.6% Pb,
 1.6% Cu, 0.5g/t Au, 74g/t Ag
- Consistent performer tonnes, grade, costs

Strong Historic Cash Flows



Woodlawn PEA Study Completed

Preliminary Economic Assessment (PEA)





Resources and Plant Feed Estimate



Туре	Resource Category	Quantity (Mt)	Zn Eq. (%)	Zn (%)	Cu (%)	Pb (%)	Au (g/t)	Ag (g/t)
Woodlawn Ur	nderground Project (W	/UP)						
Polymetallic	Indicated	1.6	21	10.7	1.5	4.0	0.46	78
Polymetallic	Inferred	3.0	19	8.1	1.6	3.2	0.88	70
Copper	Indicated	0.8	10	1.0	2.8	0.3	0.07	16
Copper	Inferred	1.1	11	1.1	2.8	0.2	0.14	15
Woodlawn Retreatment Project (WRP)								
	Measured + Indicated	9.40	6.3	2.33	0.52	1.36	0.30	32
	Inferred	2.25	5.7	2.10	0.44	1.30	0.27	31

Mineral Resource Estimate

WUP - Reported at a 7% ZnEq lower cut-off grade.

WRP - Reported at a 0% ZnEq lower cut-off grade

Туре	Resource Category	Quantity (Mt)	Zn Eq. (%)	Zn (%)	Cu (%)	Pb (%)	Au (g/t)	Ag (g/t)
Woodlawn Und	Woodlawn Underground Project (WUP)							
Polymetallic	Indicated	1.0	16.1	7.9	1.3	2.9	0.32	54
Polymetallic	Inferred	2.1	15.5	6.6	1.4	2.6	0.78	59
Copper	Indicated	0.2	10.2	2.4	2.1	0.8	0.11	21
Copper	Inferred	0.5	9.1	1.1	2.4	0.3	0.05	10
Woodlawn Retreatment Project (WRP)								
	Measured + Indicated	9.4	6.3	2.3	0.5	1.4	0.30	32
	Inferred	1.8	4.4	1.7	0.4	1.1	0.15	26

PEA Plant Feed Fstimate

Tonnes and grades are reported post the application of mining dilution and mining recovery factors.

Notes to accompany Woodlawn PEA Plant Feed Estimate: 1) Please refer to ASX announcement relating to the PEA results which were released to the market on 22 April 2015 and is entitled "Preliminary Economic Assessment Delivers Strong Business Case for the Woodlawn Zinc-Copper Project"; 2) Zn Eq% refers to a calculated Zn equivalent grade, the formula for which is stated on page 2. Values are rounded to two significant numbers and some rounding related discrepancies may occur in the totals.

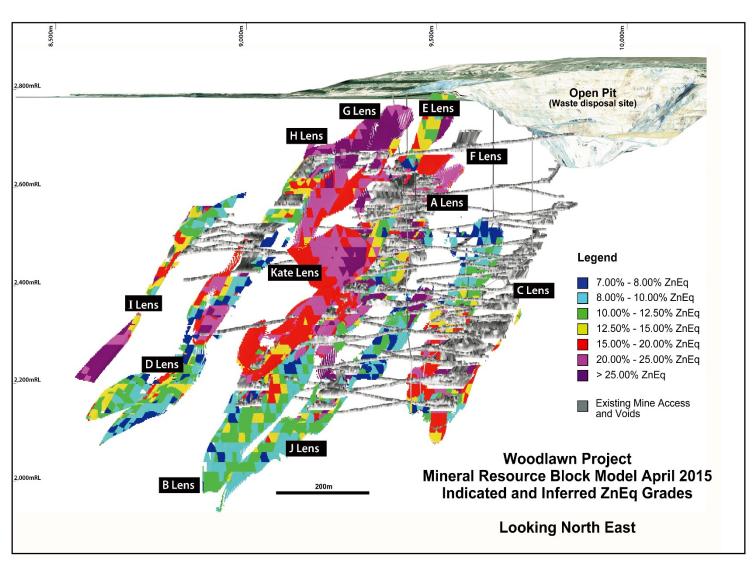
Woodlawn PEA Resources

WUP - Shallow / Low-Risk Positions



PEA Results:

- Drilling focused on shallow positions for new resources
- New Kate Lens discovery added 0.5Mt @ 22% Zn eq.
- Added ~2.8Mt of new Inferred Resources
- Woodlawn Resources:
- 36% Measured
- 35% Indicated
- 29% Inferred
- WUP
- •32% Indicated
- •68% Inferred

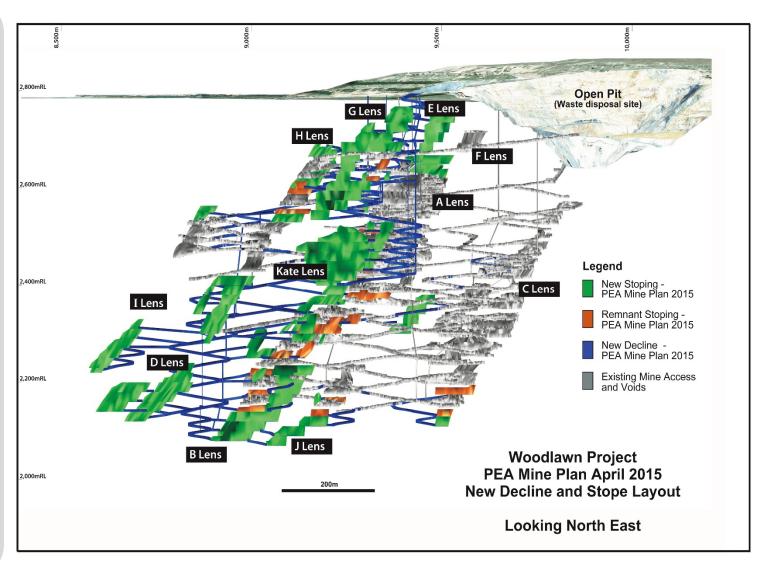


PEA Underground Mining



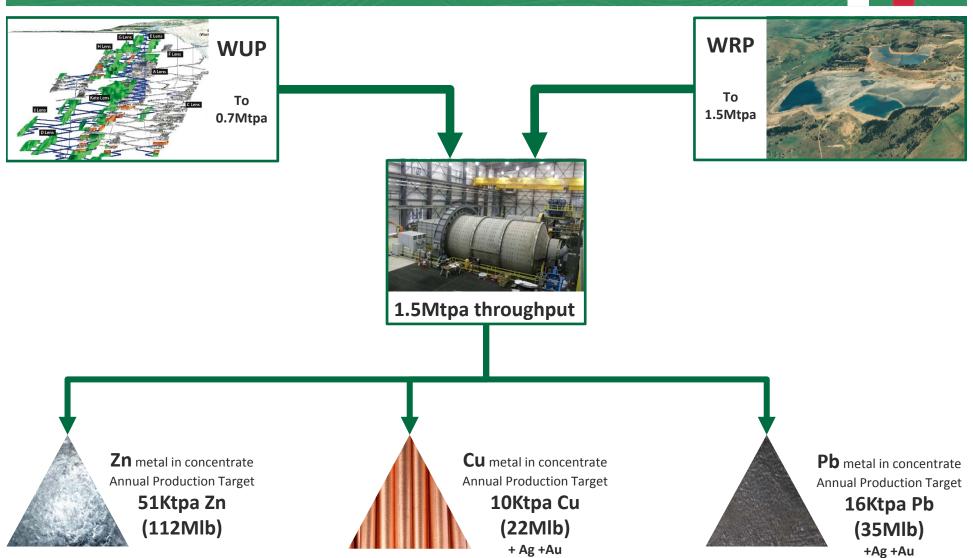
PEA Hit List:

- Sufficient inventory to start underground operations "UG Starter Case"
- Combination of new and existing resources
- 80% of WUP plant feed estimate from new resources
- Mine depth extension limited to 80m
- WUP + WRP = 11 year mine life



Annual Production Target





Project Costs



Development Capital	"Early Start" WRP (A\$M)	Additional WRP+WUP Components (Incremental A\$M)	Total (A\$m)
Mining Equipment & Infrastructure	1.8	6.6	8.4
Treatment Plant, Services & Infrastructure	71.6	30.8	102.4
Construction, Engineering & Owners	28.0	1.1	29.1
Total to Peak Cash Draw	101.4	38.6	140.0

Operating	Costs	Unit (A\$)	Cost (A\$/t)
	WRP – Tailings Mining	\$/t mined	1.67 - 2.14
	WUP – Underground Mining	\$/t mined	48.60 - 65.20
	WRP+WUP - Processing	\$/t processed	23.42
	WRP+WUP - Administration	\$/t processed	2.83
	Offsite Logistics & Treatment Charges*	\$/t processed	30.70

^{*} Average costs for life of mine

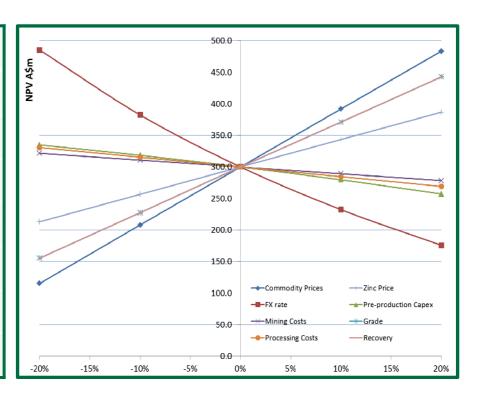
Summary Economics



PEA Delivers A Strong Business Case

Post-tax NPV _{8.3} *	A\$300 million		
Post-tax IRR	46%		
Initial Capital	A\$140M / US\$112M		
Payback Period	2 years from commissioning		
Mine life	11 years		
Post-tax Cash Flow	A\$594M		
C1 Cash Cost	US\$(0.01)/lb Zn		
C3 Total Cost	US\$0.44/lb Zn		





Woodlawn Advantages

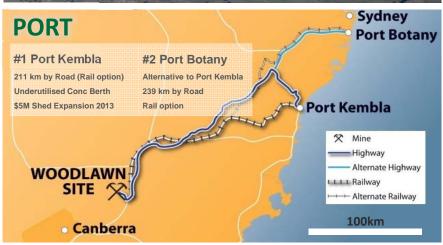
Fully Permitted • People • Sealed Roads • Water • Power • Ports

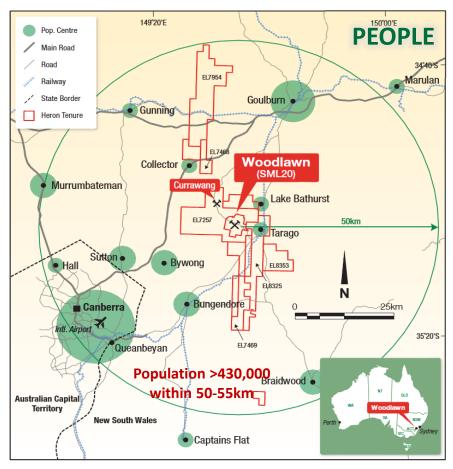


COMMUNITY
POWER
WATER
PERMITTING

ACCESS
PORT
LABOUR
MINING LEASE







Environment & Community

Community Supportive & Engaged • Management Plans Drafted



- Extensive stakeholder consultation. through project approval process
- Strong community & government support
- Single immediate landowner Veolia
- Agreements in place to purchase land over operational footprint
- Site collaboration Provision of no-cost rehabilitation medium for final landforms

State Government Project Approval 4 July 2013

Mining Lease - SML20

Renewed for 15 Years (Feb 2015)

Advanced Management Plans – positioned to commence development



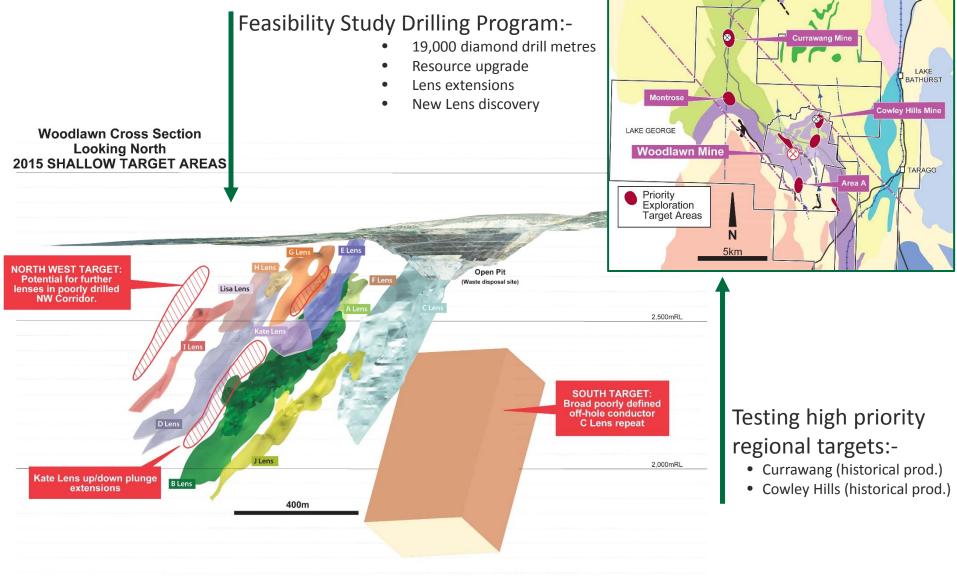


Forward Programme Feasibility Study • Goal is Early Production PEA **Commenced Feasibility Study** Assessment of "Early Start" funding opportunities Continue testing priority near-mine exploration targets **Decision to mine Project funding Construction & commissioning** Production (into a supply deficit Zn market)

In Mine & Near Mine Exploration Potential

Multiple Targets • Historic Production • Modern EM Applied





Heron Resources

Key Point Summary & Investment Proposition



- ✓ Zinc strong and transparent market
- ✓ High grade / low risk / long life asset
- ✓ PEA finalised & delivered compelling development case
- ✓ Feasibility Study and next drill program underway.
- **√** Short lead time to production with additional early start potential
- **✓** Demonstrated discovery upside
- **✓** Favourable jurisdiction supported by excellent infrastructure
- ✓ Well capitalised and fully funded to Feasibility Study

ASX: HRR TSX: HER

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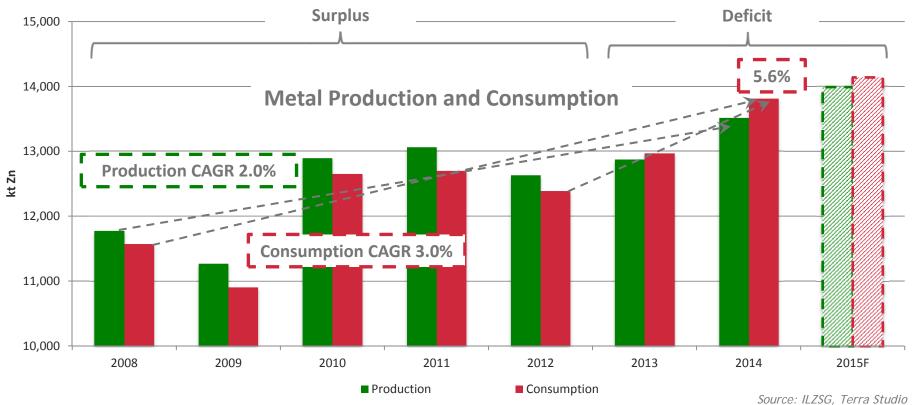
Wayne Taylor (Managing Director)
Ian Buchhorn (Executive Director)
David von Perger (GM Exploration)
Charlie Kempson (GM Strategy / BD)
Simon Smith (Chief Financial Officer)



Zinc Market Statistics



- The consumption $CAGR_{2008-14}$ [3.0%] is higher than the production $CAGR_{2008-14}$ [2.0%] and has increased significantly over the last few years: $CAGR_{2012-14}$ [5.6%] is more than twice faster than the production increase over the same period
- A consumption CAGR of 3.0% translates into incremental metal demand of 550 kt of zinc per year
- For 2015, ILZSG forecasts mine production to increase by 3.5%, while consumption should increase by 2.4%. Nevertheless, this should result in another deficit in the order of 150 kt



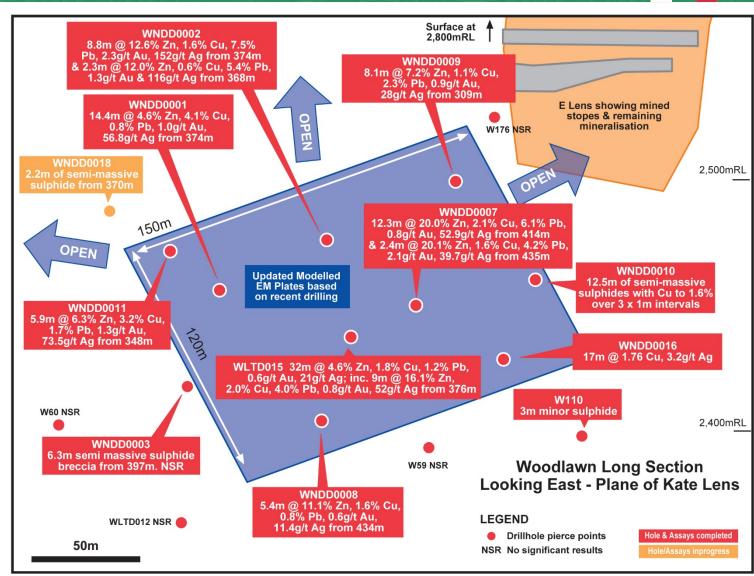
Kate Lens – A Major Success Story

10 Holes • Significant Tonnes into PEA



PEA Hit List:

- 10 diamond holes during PEA
- DHEM plate confirmed
- Grades typical Woodlawn (Zn-Pb-Cu)
- Shallow and near existing drive (90m)
- Contributes to PEA mining inventory
- Still open for expansion



G Lens – Exceeding Expectations

9 Holes • Significant Tonnes into PEA

LEGEND



PEA Hit List:

- 7 diamond and 2 RC intersections during PEA
- New geological model confirmed
- Grades typical Woodlawn (Zn-Pb-Cu)
- Shallow and near existing drives
- Contributes to PEA mining inventory
- Noted for spectacular Zn/Cu/Pb/Au/Ag grades
- Still open for expansion

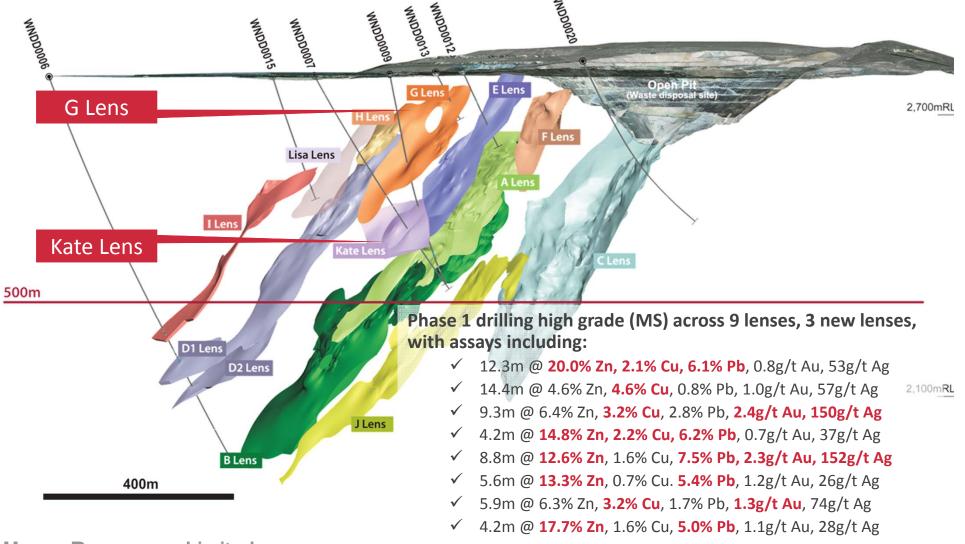
W142: 2m @ 11.1% Zn, 3.1% Cu, 5.7% Pb, 1.4g/t Au, 166.7g/t Ag U289: 2.3m @ 4.7% Zn 1.4% Cu, 6.1% Pb, 10.5g/t Au, 2138g/t Ag WNRC0010: 8.0m @ 3.6% Zn 1.3% Cu, 2.6% Pb, 1.0g/t Au 65.4g/t Ag W175: 3.7m @ 0.9% Zn, 0.8% Cu, 0.6% Pb, 0.7g/t Au, 45.9g/t Ag WNDD0014: 2.1m @ 3.1% Zn, 6.5% Cu, 1.3% Pb, 1.2g/t Au, 146g/t Ag WNDD0013: 9.3m @ 6.4% Zn, 3.2% Cu, 2.8% Pb, 2.4g/t Au, 150g/t Ag W174: 5.2m @ 5.7% Zn, 3.5% Cu, 4.2% Pb, 1.9g/t Au, 155.2g/t Ag W044: 2.4m @ 31.4% Zn, 1.5% Cu, 15.3% Pb, 2.4g/t Au, 235.9g/t Ag 2,700mRL U341: 3.4m @ 5.3% Zn, 5.2% Cu, 5.5% Pb, 2.5g/t Au, 415.9g/t Ag U307: 3.6m @ 21.0% Zn, 3.6% Cu, 5.0% Pb, 1.0g/t Au, 152.1g/t Ag Woodlawn U340: 6.8m @ 3.4% Zn, 7.1% Cu, 4.4% Pb, 3.8g/t Au, 239.1g/t Ag 0 U293: 6.0m @ 20.4% Zn, 2.5% Cu, 5.3% Pb, 1.4g/t Au, 80.3g/t Ag **Long Section Looking East** U342: 0.9m @ 2.8% Zn, 6.5% Cu, 3.2% Pb, 286g/t Ag U306: 6.0m @ 31.3% Zn, 1.7% Cu, 15.6% Pb, 1.7g/t Au, 241.8g/t Ag Plane of G **G1 LENS** Lens V047: 10.7m @ 0.6% Zn, 2.2% Cu, 0.2% Pb, 0.9g/t Au, 30.9g/t Ag 2,600mRL 00 W097: 5.7m @ 15.1% Zn, 0.6% Cu, 11.1% Pb, 1.2g/t Au, 157.7g/t Ag WNDD0009: 14.8m @ 5.4% Zn, 2.7% Cu, 2.0% Pb, 1.2g/t Au, U292: 10.7m @ 3.8% Zn, 2.5% Cu, 2.2% Pb, 0.2g/t Au, 28.3g/t Ag WNDD0010: 4.4m @ 48.5g/t Ag 4.1% Zn, 3.2% Cu, 0.9% Pb, 2.6g/t Au, 39g/t Ag **CHANNEL LIKE** TARGET ZONE 50m 59.9g/t Ag WNDD0007: 0.5m @ 0.1% Zn, 4.3% Cu, 0.1% Pb, 2,500mRL 0.7g/t Au, 31.7g/t Ag Drillhole pierce points WNDD0008: 1.0m @ Stopped areas 0.1% Zn, 0.9% Cu, 0.1% Pb. Selected Pre-2014 intercepts 0.4g/t Au, 10.5g/t Ag Selected Recent drilling intercepts

Woodlawn Drilling





Exploration success in shallow positions

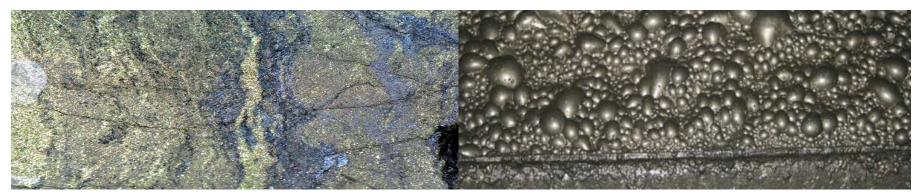


Metallurgical Testwork Successful

Exceeding Historic Performance • Co-treatment Option Confirmed



- PEA first independent testwork undertaken on the WUP since mine closure in 1998
- Extensive historic dataset for tailings flotation providing the basis for design framework



Testwork Confirmation

Results reflect advancements in flotation / fine grinding

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Zinc-Copper (Zn-Cu-Pb-Au-Ag)	 ✓ Higher recovery to higher grade concentrates ✓ Produces readily saleable zinc, and high precious metals copper and lead concentrates 			
Copper (Cu-Ag)	✓ Little historical data on separation flotation performance✓ Good recovery to high grade concentrate			
Tailings + Zinc-Copper	 ✓ Combined tailings and zinc-copper samples produce readily saleable zinc and high precious metals copper and lead concentrates ✓ No loss in recoveries versus separate treatment performance ✓ Confirmed co-treatment 			

Refer to TSX/ASX release: Woodlawn Zinc Copper Project – Successful Metallurgical Test Work, 11 February 2015.