

WESTERN MINES GROUP

AN EMERGING NICKEL SULPHIDE DISCOVERY UNDER COVER

COMPANY AGM PRESENTATION, 21 NOVEMBER 2023

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Western Mines Group

ASX: WMG www.westernmines.com.au



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COMPETENT PERSON STATEMENT

Dr Caedmon Marriott who is a member of the Australasian Institute of Mining and Metallargy, the Australian Institute of Geoscientists and the Society of Economic Geologists, is Managing Director of the Company. Caedmon has sufficient experience that is relevant to the styles of mineralisation and type of deposits under consideration, and to the activity being undertaken, 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'. Caedmon consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

MONETARY VALUES

Unless otherwise stated, all dollar values are in Australian Dollars (A\$). The information in this presentation remains subject to change without notice.



WESTERN MINES GROUP COMPANY OVERVIEW

- Exceptional flagship project discovery of a major komatiite hosted nickel sulphide mineral system under cover in WA
- Tight capital structure with ~\$16m market cap
- Exploration team lead by WA nickel expert Dr Ben Grguric
- Highly leveraged to exploration success

"An exploration driven company looking to create value through discovery"

Western Mines Group Ltd	ASX:WMG
Shares Outstanding	66,706,546
Share Price (20/11/23)	\$0.245
Market Capitalisation	\$16.34 Million
Cash (31/10/23)	\$3.07 Million
Unlisted Options (\$0.30 strike)	19,716,670
Equentia Natural Resources	8.5%
Directors and Management	11.7%
Top 20 Shareholders	45.0%

SIGNIFICANT NEAR TERM NEWS FLOW | SMALL MARKET CAP | EXCITING RISK-REWARD

DIRECTORS





Rex Turkington Non-Executive Chairman

Rex is a highly experienced corporate advisor and economist who has worked extensively in the Australian financial services and stockbroking industry, specialising in the natural resources sector and participating in numerous initial public offerings and capital raising for ASX listed companies. Rex is currently Managing Director of South Pacific Securities, an advisory company offering corporate finance and investor relations advice to listed companies. He was previously Chairman of Key Petroleum (ASX:KEY) and Non-Executive Director of TNG Limited (ASX:TNG). Rex is a graduate of the Australian Institute of Company Directors (GAICD) and an associate of the Financial Services Institute of Australia (AFINSIA).



Dr Caedmon Marriott Managing Director

Caedmon has over 19 years experience in mineral exploration and equity capital markets. Caedmon was previously Managing Director of Western Australian gold and nickel explorer Aldoro Resources (ASX:ARN) and prior to that Managing Director of private exploration company Hanno Resources, responsible for establishing and managing the company's frontier exploration strategy in Western Sahara. Prior to Hanno, Caedmon worked as a buy-side mining analyst at GLG Global Mining Fund, Och-Ziff Capital and JPMorgan Natural Resources Fund. He holds a PhD in Geology, is a Chartered Financial Analyst and a member of the Australasian Institute of Mining and Metallurgy (MAusIMM), the Australian Institute of Geoscientists (MAIG) and the Society of Economic Geologists (MSEG).



Francesco Cannavo Non-Executive Director

Frank is an experienced public company director and entrepreneur with significant business and investment experience across a number of industries, including mining and natural resources. He has a strong network of investors and industry contacts throughout the Asia-Pacific region and has extensive experience in capital raising, investments and initial public offerings. Frank has been instrumental in assisting several listed and unlisted companies achieve their growth strategies through the raising of capital and the acquisition of assets. Frank is currently a Non-Executive Director of Golden Mile Resources (ASX:G88) and Lightning Metals (ASX:L1M).



Dr Benjamin Grguric Technical Director

Ben has extensive experience in mineral exploration and scientific research, with direct involvement in a number of gold and nickel discoveries over the last 30 years. Ben is considered a leading expert on WA nickel sulphide exploration with over 50 peer-reviewed scientific papers. Ben spent his early career with WMC Resources/BHP, in particular at the Mt Keith Nickel Operation, managing brownfield and greenfield nickel sulphide exploration in Western Australia. As Geoscience Manager – Australia for Norilsk Nickel, Ben was responsible for exploration strategy across their portfolio of WA nickel assets and directly involved in the discovery of the West Jordan Type 2 nickel sulphide deposit. Ben holds a PhD in Earth Sciences and is a fellow of the Australian Institute of Geoscientists (FAIG) and the Society of Economic Geologists (FSEG).

Exploration | Capital Markets

Business Development | Capital Markets

Exploration | Corporate Management

Capital Markets | Corporate Management

ASX:WMG



DISCOVERY OF AN EXTENSIVE NICKEL SULPHIDE MINERAL SYSTEM AT MULGA TANK

- Sustained exploration drilling at Mulga Tank over the last year 7,722.7m diamond (WMG 11,712.8m total diamond) and 7,035.5m RC
- MTD023 (EIS1) "Discovery hole" in April 2023
- Further deep diamond holes MTD026 (EIS2) and MTD027 confirming extensive nickel sulphide mineral system

NOVEMBER 2022

Phase 2 Drilling has Commenced at Mulga Tank, 28 November 2022

DECEMBER 2022

Nickel Sulphide Mineralisation Seen in Hole MTD022, 14 December 2022 FEBRUARY 2023

MTD022 Mineralogical Work Confirms Abundant Pentlandite, 8 February 2023 MTD023 Extensive Mineralised System at Mulga Tank, 20 February 2023 MTD022 Assays Confirm Broad Disseminated Mineralisation, 20 February 2023 MARCH 2023

Completion of EIS Hole MTD023, 6 March 2023

Completion of Hole MTD024 at Mulga Tank, 28 March 2023

APRIL 2023

MTD023 Assays Confirm Discovery of Significant Nickel System, 5 April 2023 Aqua Regia Testwork Confirms Nickel Sulphide Association, 6 April 2023 MTD025 Extends Nickel Mineralisation, 17 April 2023

MTD026 Update and Expansion of Mulga Tank Drilling, 27 April 2023

JUNE 2023

MTD026 Mulga Tank Drilling Update, 13 June 2023 Completion of Hole MTD026 and Upcoming MobileMT Survey, 27 June 2023

AUGUST 2023

Completion of MobileMT Survey at Mulga Tank, 8 August 2023 MTD027 Expands Mineralisation 4km Across Mulga Tank 28 August 2023 MTD026 Assays 840m of Nickel Sulphide Mineralisation, 30 August 2023 MTD026 Aqua Regia Testwork Confirms Nickel Sulphide, 31 August 2023 SEPTEMBER 2022

Mulga Tank Mineralogy Highlights Carbon Capture Potential, 13 September 2023 RC Drilling Program Commences at Mulga Tank, 20 September 2023

OCTOBER 2023

MTD028 Further Nickel Sulphides at Mulga Tank, 2 October 2023 WMG Consolidates Entire Mulga Tank Complex, 3 October 2023 MTD027 Best Assays Yet at Mulga Tank, 4 October 2023 RC Drilling Expansion and Drilling for Equity, 17 October 2023 WMG Wins \$220,000 EIS Award to Drill Mulga Tank, 19 October 2023 MTD028 Disseminated Nickel Sulphide 140m at 0.49% Ni, 31 October 2023 NOVEMBER 2023

Completion of 7,000m RC Drilling Program at Mulga Tank, 7 November 2023 First RC Assays Show Broad Zones of Mineralisation, 14 November 2023



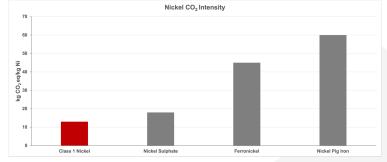
NEAR PERFECT EXECUTION OF IPO BUDGET

Expenditure	Prospectus	Q1FY22	Q2FY22	Q3FY22	Q4FY22	Q1FY23	Q2FY23	Q3FY23	Q4FY23	Actual	Variance
Exploration	\$3,608,000	\$157,573	\$299,777	\$207,501	\$574,143	\$1,155,974	\$240,996	\$775,467	\$1,081,186	\$4,492,617	+\$884,617
Regional Exploration/Project Generation	\$200,000	-	\$65,530	\$9,500	-	-	-	-		\$75,030	-\$124,970
Working Capital	\$1,079,828	\$153,016	\$114,647	\$121,954	\$145,996	\$164,370	\$107,072	\$133,521	\$194,096	\$1,134,672	+\$54,844
Costs of the Offer	\$612,172	\$620,000	-	-	-	-	-	-		\$620,000	+\$7,828
Total	\$5,500,000	\$930,589	\$479,954	\$338,955	\$720,139	\$1,320,344	\$348,068	\$908,988	\$1,275,282	\$6,322,319	+\$822,319

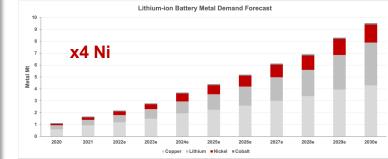


LARGE LOW-GRADE NICKEL SULPHIDE WILL INCREASINGLY BECOME AN ESSENTIAL NEW SUPPLY

	NICKEL LATERITE					
	Around four times more energy and CO ₂ intensive than sulphide					
•	Large surficial deposits, often in tropical regions, can be very environmentally destructive					
	HIGH-GRADE MASSIVE SULPHIDE					
\$	High value per tonne deposits	1				
Q	Hard to find on a size and scale that will meet supply shortfall e.g. major Nova Bollinger discovery "only" ~325,000t contained Ni	1				
	LARGE LOW-GRADE DISSEMINATED NICKEL SULPHIDE					
	Largest nickel mines in the world – nickel "equivalent" of copper porphyry	1				
	Deposits >1Mt contained Ni able to supply +30kt/yr Ni for multiple decades	16				
Ţ.	Readily produce high-grade Ni concentrate	16				
	Potential for NetZero Carbon Nickel – waste rock from dunite/serpentinite bodies can spontaneously carbonate and absorb CO_2					



Source: Nickel Institute, Goldman Sachs Global Investment Research



Source: Bloomberg NEF

FRONTIER EXPLORATION IN A WORLD CLASS NICKEL PROVINCE

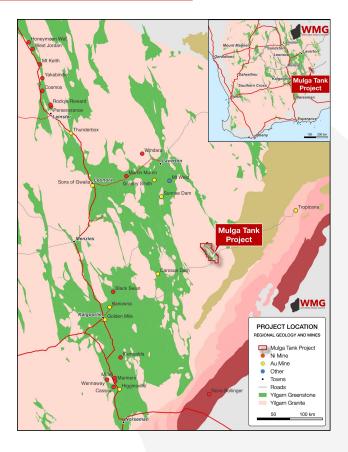


YILGARN CRATON WESTERN AUSTRALIA

- One of the world's major nickel provinces
- World-class examples of komatiite-hosted nickel deposits Kambalda (35Mt @ 3.1% Ni), Perseverance (50Mt @ 2.3% Ni) and Mt Keith (643.7Mt @ 0.58% Ni)

MULGA TANK NI-CU-PGE PROJECT

- Frontier exploration play for major komatiite-hosted Ni-Cu-PGE deposits under cover
- Strategically assembled 425km² position on the under-explored Minigwal Greenstone Belt
- Mulga Tank Ultramafic Complex (WMG 100%) is a "camp scale" project



EMERGING DISCOVERY AND BELT SCALE OPPORTUNITY



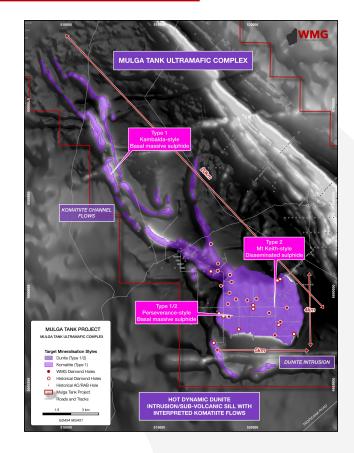
MAJOR KOMATIITE NICKEL SYSTEM UNDER COVER

- Large adcumulate dunite body (~15km²) with interpreted komatiite channel flows extending NW over >12km
- Limited drilling has penetrated ultramafic system through cover 23 out of 29 holes show nickel sulphide mineralisation
- ALL THREE MINERALISATION STYLES PRESENT

CRITCAL ELEMENTS OF A LARGE-SCALE WORKING SYSTEM

Critical Process	s Description	
Source	Komatiite magma	0
Pathway	Transport of komatiite magma through the crust	Ø
Sulphur saturation	Addition of sulphur and sulphur saturation of undersaturated magma	0
Chemical and physical trap	Sequestering metals into sulphides	S
Physical concentration	Concentration of metal-rich sulphides into deposits	?

Adapted from: GSWA, Komatiite-Hosted Ni-Cu-PGE Deposits: A Mineral Systems Analysis, LL Grech, 2022





EXPLORATION MODELS ARE PERSEVERANCE AND MT KEITH

MULGA TANK ULTRAMAFIC COMPLEX OF COMPARABLE SIZE/SCALE TO PERSEVERANCE AND MT KEITH					
Model	PERSEVERANCE	MT KEITH			
Туре	Type 1 Stratiform Basal Massive Sulphide*	Type 2 Interstitial Disseminated Sulphide*			
Resource	50Mt at 2.3% Ni	643.7Mt at 0.58% Ni			
Notes	High value per tonne deposits amenable to deep underground mining	Large open pit economies of scale – net >0.2% Ni payable			
Size	650m x 160m	1,900m x 400m			
Target	Basal contact of the complex	Shallow depths within the main body of the complex			
		How much "free" nickel in sulphide form?			



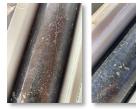
MAIN DUNITE BODY: MT KEITH-STYLE MINERAL SYSTEM

DISSEMINATED SULPHIDES OVER >500M INTERVALS

- Deep EIS holes MTD023 and MTD026 intersected extensive disseminated magmatic sulphides
- MTD023: Cumulative 693.5m at 0.28% Ni, 128ppm Co, 61ppm Cu, 27ppb Pt+Pd with S:Ni 1.1
- MTD026: Cumulative 840m at 0.28% Ni, 140ppm Co, 103ppm Cu, 24ppb Pt+Pd with S:Ni 1.6
- MTD027: Cumulative 694m at 0.31% Ni, 141ppm Co, 68ppm Cu, 30ppb Pt+Pd with S:Ni 1.0
- MTD028: Cumulative 466m at 0.35% Ni, 139ppm Co, 62ppm Cu, 43ppb Pt+Pd with S:Ni 1.0

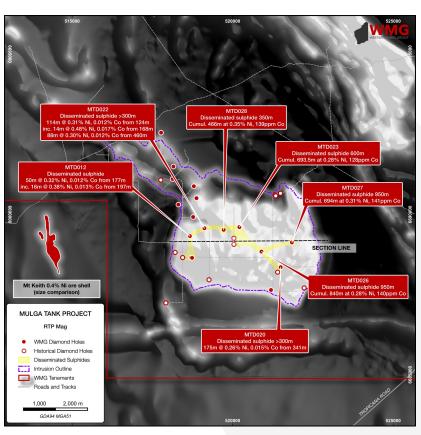
WITH EXAMPLES OF SHALLOW MINERALISED INTERVALS:

- MTD022: 114m at 0.31% Ni, 121ppm Co, 33ppm Cu from 124m
 inc. 14m at 0.48% Ni, 171ppm Co, 152ppm Cu from 168m
- MTD026: 130m at 0.31% Ni, 136ppm Co, 122ppm Cu from 116m inc. 13m at 0.35% Ni, 142ppm Co, 301ppm Cu from 157m
- Mineralogical work confirms abundant coarse grained pentlandite







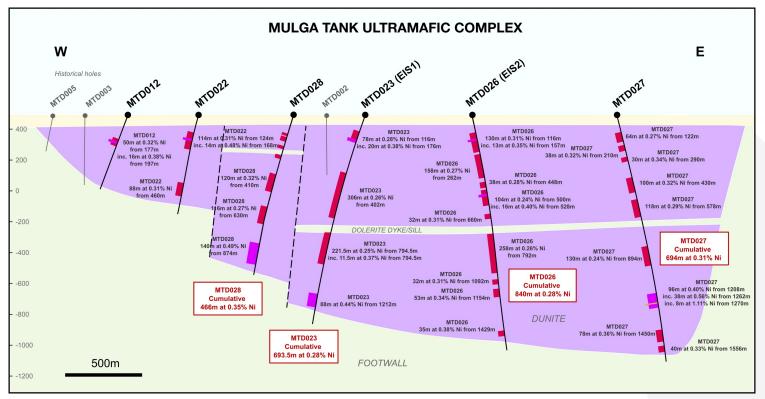


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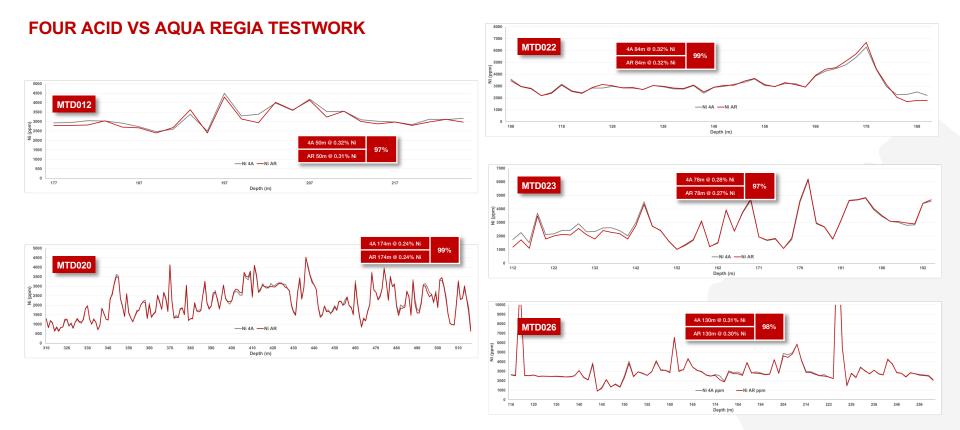
Western Mines Group Company Presentation, November 2023



CROSS SECTION W-E ACROSS MAIN BODY OF COMPLEX









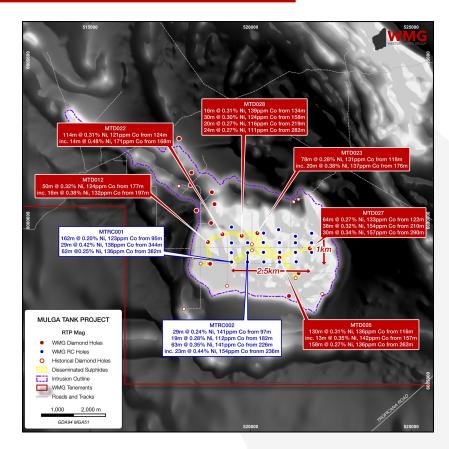
MAIN DUNITE BODY: INITIAL 22 HOLE RC PROGRAM

LARGE-SCALE OPEN-PIT POTENTIAL

- Initial 22 hole, 7,035m RC program completed in ~6 weeks
- Testing laterally continuity of shallow mineralisation seen in diamond holes
- First results show broad intersections of mineralisation = concept working

RECENT RC RESULTS:

- MTRC001: 162m at 0.20% Ni, 123ppm Co, 81ppm Cu, 19ppb Pt+Pd from 95m 29m at 0.42% Ni, 138ppm Co, 85ppm Cu, 17ppb Pt+Pd from 344m 62m at 0.25% Ni, 136ppm Co, 61ppm Cu, 53ppb Pt+Pd from 382m
 Cumulative 253m at 0.24% Ni, 128ppm Co, 76ppm Cu, 27ppb Pt+Pd with S:Ni 1.4
- MTRC002: 29m at 0.24% Ni, 141ppm Co, 103ppm Cu, 23ppb Pt+Pd from 97m 19m at 0.28% Ni, 112ppm Co, 9ppm Cu, 30ppb Pt+Pd from 182m 63m at 0.35% Ni, 141ppm Co, 71ppm Cu, 46ppb Pt+Pd from 226m inc. 23m at 0.44% Ni, 154ppm Co, 118ppm Cu, 70ppb Pt+Pd from 236m and inc. 9m at 0.43% Ni, 131ppm Co, 18ppm Cu, 34ppb Pt+Pd from 272m
 Cumulative 111m at 0.31% Ni, 136ppm Co, 69ppm Cu, 37ppb Pt+Pd with S:Ni 0.7







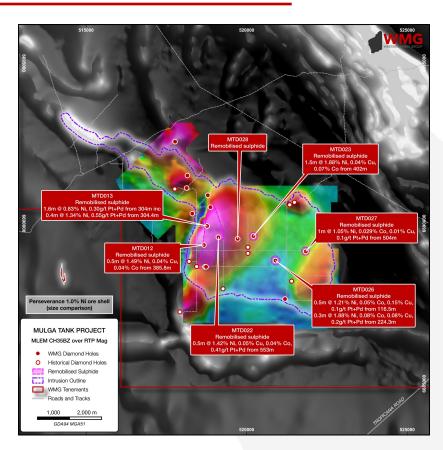
REMOBILISED MASSIVE NICKEL SULPHIDE VEINING

- Multiple zones of remobilised massive nickel sulphide veinlets and in-situ immiscible globules seen across the Complex
- MTD012: 0.5m at 1.49% Ni, 0.04% Cu and 0.04% Co from 385.8m
- MTD013: **1.6m at 0.83% Ni and 0.30g/t Pt+Pd from 304m** inc. **0.4m at 1.34% Ni, 0.04% Co and 0.55g/t Pt+Pd from 304.4m** and **0.4m at 1.29% Ni and 0.43g/t Pt+Pd from 153.6m**
- MTD022: 0.15m at 2.73% Ni, 0.08% Cu, 0.06% Co and 0.10g/t Pt+Pd from 525.15m and 0.5m at 1.42% Ni, 0.05% Cu, 0.04% Co and 0.41g/t Pt+Pd from 553m
- MTD023: 1.5m at 1.88% Ni, 0.04% Cu, 0.07% Co from 402m
- MTD026: 0.5m at 1.21% Ni, 0.05% Co, 0.15% Cu, 0.1g/t Pt+Pd from 116.5m and 0.3m at 1.88% Ni, 0.08% Co, 0.08% Cu, 0.2g/t Pt+Pd from 224.3m
- MTD027: 1.0m at 1.05% Ni, 0.03% Co, 0.01% Cu, 0.1g/t Pt+Pd from 504m
- Sulphide material migrates along faults and fractures from where?







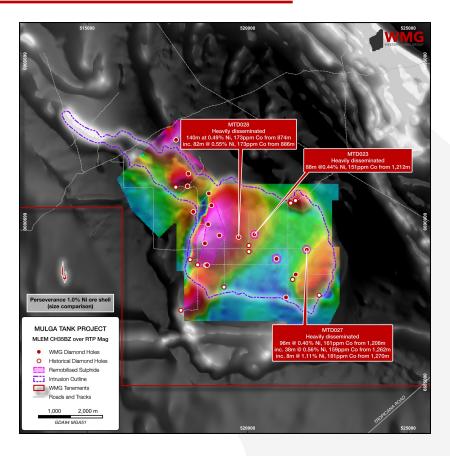


CLOUD SULPHIDE AT DEPTH?



SECOND \$220,000 EIS AWARD TO TEST IT

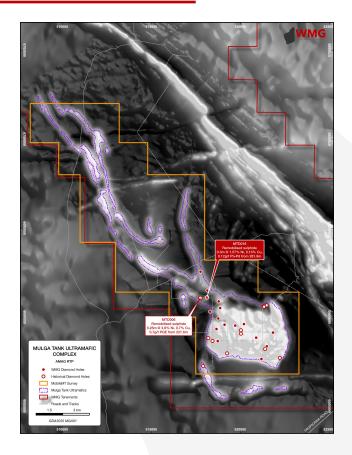
- Further deep diamond drilling co-funded by WA grant
- Intersections of "cloud" sulphide potentially vectoring towards sulphide enriched keel and/or feeder vent:
- MTD023: 88m at 0.44% Ni, 151ppm Co from 1,212m
- MTD027: 96m at 0.40% Ni, 161ppm Co from 1,208m inc. 38m at 0.56% Ni, 159ppm Co from 1,262m inc. 8m at 1.11% Ni, 181ppm Co from 1,270m
- MTD028: 140m at 0.49% Ni, 161ppm Co from 874m inc. 82m at 0.55% Ni, 173ppm Co from 886m





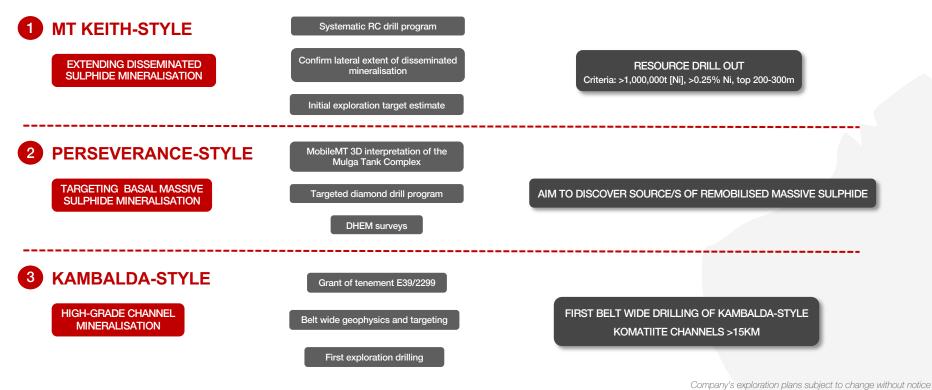
FERTILE KOMATIITE CHANNELS EXTEND 15KM

- Komatiite sequence with A-B zones logged in the Panhandle
- Evidence of prospective high-grade mineralisation:
- MTD006: 0.25m at 3.8% Ni, 0.7% Cu and 0.7g/t PGE from 221.6m
- MTD016: 0.3m at 1.57% Ni, 0.13% Cu and 0.12g/t Pt+Pd from 281.9m
- 15km strike of interpreted channels completely unexplored
- Recent acquisition of tenement E39/2134 consolidates 100% ownership
- Completed belt-wide MobileMT survey results received and being interpreted





PATHWAYS TO SHAREHOLDER VALUE



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EXPLORATION PHILOSOPHY

- We believe multiple significant nickel deposits could be found at Mulga Tank
- We strive to do high-quality technical exploration work
- We are frugal with overheads to maximise exploration spend and minimise equity dilution
- We want to change shareholders lives through share price increase not be a lifestyle
- We offer a compelling risk vs reward and leverage to exploration success

FOR FURTHER INFORMATION PLEASE CONTACT

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This announcement has been authorised for release to the ASX by the Board of Western Mines Group Ltd Refer to Western Mines Group Ltd ASX Announcements (slide 5) for relevant disclosures, no material changes to previously disclosed information



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