

## MTRC038 ASSAY RESULTS UP TO 3.16% Ni AND 1.20% Cu

### HIGHLIGHTS

- Geochemical assay results received for Phase 2 RC holes MTRC033, MTRC034 and MTRC038
- All holes show broad zones of nickel sulphide mineralisation - elevated Ni and S coincident with highly anomalous Cu and PGE:

MTRC033 Cumulative 184m at 0.27% Ni, 126ppm Co, 82ppm Cu, 18ppb Pt+Pd with S:Ni 0.9

MTRC034 240m at 0.30% Ni, 133ppm Co, 133ppm Cu, 36ppb Pt+Pd from 90m S:Ni 1.0

MTRC038 199m at 0.31% Ni, 139ppm Co, 260ppm Cu, 27ppb Pt+Pd from 119m S:Ni 1.3

- High-grade assay results from MTRC038 with three intervals up to 3.16% Ni and 1.20% Cu:

MTRC038 199m at 0.31% Ni, 139ppm Co, 260ppm Cu, 27ppb Pt+Pd from 119m

inc. 4m at 0.50% Ni, 221ppm Co, 671ppm Cu, 30ppb Pt+Pd from 120m

and inc. 12m at 0.68% Ni, 270ppm Co, 0.21% Cu, 51ppb Pt+Pd from 132m

that inc. 4m at 1.09% Ni, 404ppm Co, 0.43% Cu, 71ppb Pt+Pd from 133m

which inc. 2m at 1.51% Ni, 539ppm Co, 0.72% Cu, 94ppb Pt+Pd from 135m

and inc. 8m at 0.52% Ni, 212ppm Co, 497ppm Cu, 0.14g/t Pt+Pd from 164m

that inc. 2m at 1.00% Ni, 397ppm Co, 0.10% Cu, 0.44g/t Pt+Pd from 169m

which inc. 1m at 1.34% Ni, 546ppm Co, 0.15% Cu, 0.52g/t Pt+Pd from 169m

and inc. 6m at 0.91% Ni, 231ppm Co, 127ppm Cu, 40ppb Pt+Pd from 192m

that inc. 1m at 3.16% Ni, 662ppm Co, 385ppm Cu, 0.18g/t Pt+Pd from 192m

- Several zones or pods of higher grade matrix-massive sulphide mineralisation have now been discovered around the Complex - emerging as priority follow-up targets
- WMG continues to de-risk a potentially globally significant, large-scale, open-pitabile nickel sulphide deposit at Mulga Tank

Western Mines Group Ltd (WIMG or Company) (ASX:WIMG) is pleased to update shareholders on assay results recently received for three Phase 2 reverse circulation (RC) drill holes MTRC033, MTRC034 and MTRC038 at the Mulga Tank Project, on the Minigwal Greenstone Belt, in Western Australia's Eastern Goldfields.

The assay results for all three holes highlight broad intersections of nickel sulphide mineralisation, with further intervals over 200m length. MTRC034 returned a continuous interval of **240m at 0.30% Ni, 133ppm Co** from 90m (ending in mineralisation) and MTRC038 contained **199m at 0.31%, 139ppm Co** from 199m (ending in mineralisation) that included multiple higher grade intervals of matrix to semi-massive sulphide including **4m at 1.09% Ni, 0.43% Cu** from 133m, **2m at 1.00% Ni, 404ppm Co, 0.10% Cu, 0.44g/t Pt+Pd** from 169m and **1m at 3.16% Ni, 662ppm Co, 0.18g/t Pt+Pd** from 192m.

### Western Mines Group Ltd

Level 3, 33 Ord Street  
West Perth WA 6005

ASX:WIMG

Telephone: +61 475 116 798  
Email: contact@westernmines.com.au

[www.westernmines.com.au](http://www.westernmines.com.au)

Shares on Issue: 75.08m

Share Price: \$0.22

Market Cap: \$16.52m

Cash: \$2.10m (31/12/23)

Assays from 13 of the 17 Phase 2 holes have been received to date with results from all 13 holes confirming the drilling was successful in targeting broad zones of shallow mineralisation - with all three holes in this instance ending still in mineralisation.

Numerous intervals of interpreted nickel sulphide mineralisation based on geochemical signature (elevated Ni and S, in combination with highly anomalous Cu and PGE) were identified down the holes, including further holes with robust intersections greater than 200m:

- MTRC033**            **23m at 0.26% Ni, 114ppm Co, 1ppm Cu, 1ppb Pt+Pd from 92m**  
                          **79m at 0.25% Ni, 117ppm Co, 11ppm Cu, 5ppb Pt+Pd from 142m**  
                          **82m at 0.29% Ni, 137ppm Co, 174ppm Cu, 34ppb Pt+Pd from 230m\***  
                          inc. **2m at 0.80% Ni, 351ppm Co, 737ppm Cu, 34ppb Pt+Pd from 230m**  
                          that inc. **1m at 1.21% Ni, 490ppm Co, 0.1% Cu, 37ppb Pt+Pd from 230m**  
                          and inc. **3m at 0.44% Ni, 165ppm Co, 257ppm Cu, 114ppb Pt+Pd from 257m**  
                          and inc. **21m at 0.34% Ni, 138ppm Co, 136ppm Cu, 45ppb Pt+Pd from 291m\***
- Cumulative**            **184m at 0.27% Ni, 126ppm Co, 82ppm Cu, 18ppb Pt+Pd with S:Ni 0.9\***
- MTRC034**            **240m at 0.30% Ni, 133ppm Co, 133ppm Cu, 36ppb Pt+Pd from 90m S:Ni 1.0\***  
                          inc. **3m at 0.61% Ni, 190ppm Co, 311ppm Cu, 0.28g/t Pt+Pd from 97m**  
                          and inc. **33m at 0.38% Ni, 157ppm Co, 209ppm Cu, 0.11g/t Pt+Pd from 172m**  
                          that inc. **3m at 0.57% Ni, 193ppm Co, 301ppm Cu, 0.19g/t Pt+Pd from 191m**  
                          and inc. **18m at 0.38% Ni, 144ppm Co, 242ppm Cu, 39ppb Pt+Pd from 252m**  
                          and inc. **9m at 0.42% Ni, 162ppm Co, 335ppm Cu, 49ppb Pt+Pd from 321m\***
- MTRC038**            **199m at 0.31% Ni, 139ppm Co, 260ppm Cu, 27ppb Pt+Pd from 119m S:Ni 1.3\***  
                          inc. **4m at 0.50% Ni, 221ppm Co, 671ppm Cu, 30ppb Pt+Pd from 120m**  
                          and inc. **12m at 0.68% Ni, 270ppm Co, 0.21% Cu, 51ppb Pt+Pd from 132m**  
                          that inc. **4m at 1.09% Ni, 404ppm Co, 0.43% Cu, 71ppb Pt+Pd from 133m**  
                          which inc. **2m at 1.51% Ni, 539ppm Co, 0.72% Cu, 94ppb Pt+Pd from 135m**  
                          which inc. **1m at 1.30% Ni, 483ppm Co, 1.20% Cu, 0.13g/t Pt+Pd from 136m**  
                          and inc. **8m at 0.52% Ni, 212ppm Co, 497ppm Cu, 0.14g/t Pt+Pd from 164m**  
                          that inc. **2m at 1.00% Ni, 397ppm Co, 0.10% Cu, 0.44g/t Pt+Pd from 169m**  
                          which inc. **1m at 1.34% Ni, 546ppm Co, 0.15% Cu, 0.52g/t Pt+Pd from 169m**  
                          and inc. **6m at 0.91% Ni, 231ppm Co, 127ppm Cu, 40ppb Pt+Pd from 192m**  
                          that inc. **1m at 3.16% Ni, 662ppm Co, 385ppm Cu, 0.18g/t Pt+Pd from 192m**

\* *Ending in mineralisation*

**Commenting on the RC assay results, WGM Managing Director Dr Caedmon Marriott said:**

*"Great results from holes MTRC034 and MTRC038 showing robust ~200m intervals of consistent nickel sulphide mineralisation of 240m at 0.30% Ni and 199m at 0.31% Ni respectively, both with S:Ni better than 1 - again highlighting what an extensive mineral system we are dealing with.*

Hole MTRC038 was located 200m west of previous hole MTRC032 (6m at 1.01% Ni and 0.32% Cu) and excitingly returned further high grade results of 4m at 1.09% Ni and 0.43% Cu, 1m at 1.34% Ni, 0.15% Cu and 0.52g/t Pt+Pd and 1m at 3.16% Ni.

*This southwest area is emerging as an exciting area for follow-up drilling targeting richer and thicker zones of massive sulphide accumulations along with a number of other high grade pods/zones encountered across the Mulga Tank Complex as we increase drilling density.”*

## MULGA TANK RC DRILLING PROGRAM

Exploration results from the Company's various drilling programs at the Mulga Tank Project over the last 12 months have demonstrated significant nickel sulphide mineralisation and an extensive nickel sulphide mineral system within the Mulga Tank Ultramafic Complex (ASX, *MTD023 Assays Confirm Discovery of Significant Nickel Sulphide System, 5 April 2023; MTD026 Assays - 840m of Nickel Sulphide Mineralisation, 30 August 2023; MTD027 Expands Mineralisation 4km Across Mulga Tank, 28 August 2023*).

Results from a 22 hole RC program confirmed extensive shallow disseminated nickel sulphide mineralisation within the main body of the Complex, culminating in the estimation of a JORC Exploration Target for this mineralisation (ASX, *First RC Assays Show Broad Zones of Mineralisation, 14 November 2023; MTRC009 Assays Confirm 367m of Nickel Mineralisation, 30 November 2023; MTRC015 Assays Reveal Multiple Intersections Over 1% Ni, 4 December 2023; MTRC018 Assays Confirm Massive Sulphide 1.8% Ni, 4.9% Cu, 6 December 2023; First RC Without Mineralisation Found at Mulga Tank, 21 December 2023; More Intersections over 1% Ni at Mulga Tank, 11 January 2024; Mulga Tank JORC Exploration Target, 5 February 2024*).

The Company has commenced a series of drilling programs for the first half of 2024 involving both further RC and diamond drilling. The Phase 2 RC drilling is focused on infilling the higher grade core of the Exploration Target and extending the shallow mineralisation to the south of the Phase 1 area (ASX, *2024 Exploration Programs Commence at Mulga Tank, 29 January 2024; Completion of Phase 2 RC Drilling Commencement of EIS3, 8 April 2024*).

Assay results have now been received for 13 of the 17 initial holes in the Phase 2 RC program. Samples from the remaining four holes were delayed at site after evacuation for severe rain during March. They have now all been delivered to the lab, with results expected in 3 to 4 weeks.

## HIGH MGO ADCUMULATE DUNITE

Assay results for MTRC033 averaged 45.7% MgO and 0.61% Al<sub>2</sub>O<sub>3</sub> (volatile free) over the 255m ultramafic portion of the hole, MTRC034 averaged 46.3% MgO and 0.68% Al<sub>2</sub>O<sub>3</sub> (volatile free) over 266m of ultramafic and MTRC038 averaged 43.6% MgO and 1.60% Al<sub>2</sub>O<sub>3</sub> (volatile free) over 255m of ultramafic. Using Al<sub>2</sub>O<sub>3</sub> as a proxy for interstitial material and MgO as a proxy for temperature, geochemical characterisation shows the host rock to be nearly entirely high-temperature, adcumulate dunite with Al<sub>2</sub>O<sub>3</sub> generally ~0.5% and MgO greater than 40%. Hole MTRC038 contained four 3m to 5m intervals of higher Al<sub>2</sub>O<sub>3</sub> meso to orthocumulate dunite that effected the calculated average content of the hole, which was otherwise predominately adcumulate dunite.

This observation of extensive intersections of high MgO adcumulate dunite within the Complex, starting essentially immediately under the sand cover, has positive implications for the targeting of large volume, low grade Type 2 Mt-Keith style disseminated nickel sulphide deposits within the Mulga Tank Complex.

**NICKEL SULPHIDE MINERALISATION**

Broad intersections of visible disseminated nickel sulphide mineralisation, grading up to semi-massive in some intersections, were observed and logged in the Phase 2 RC program (*ASX, Semi-Massive Sulphide in Mulga Tank Phase 2 RC Holes, 29 February 2024*).

In “live” sulphur saturated mineral systems nickel will partition into potentially “recoverable” nickel sulphide form. The Company uses a number of elements, such as Cu and PGE’s (Pt and Pd), that have high affinity for sulphide (chalcophile), in combination with S (and the S:Ni ratio) as geochemical indicators to confirm the presence of active magmatic sulphide processes and the geochemical signature of nickel sulphide mineralisation.

The geochemical assay results for holes MTRC033, MTRC034 and MTRC038 demonstrate significant evidence for “live” magmatic sulphide chemical processes and show a number of broad zones of highly anomalous Cu and PGE’s in combination with elevated S, and a S:Ni ratio greater than 0.5 (Figures 2 to 7).

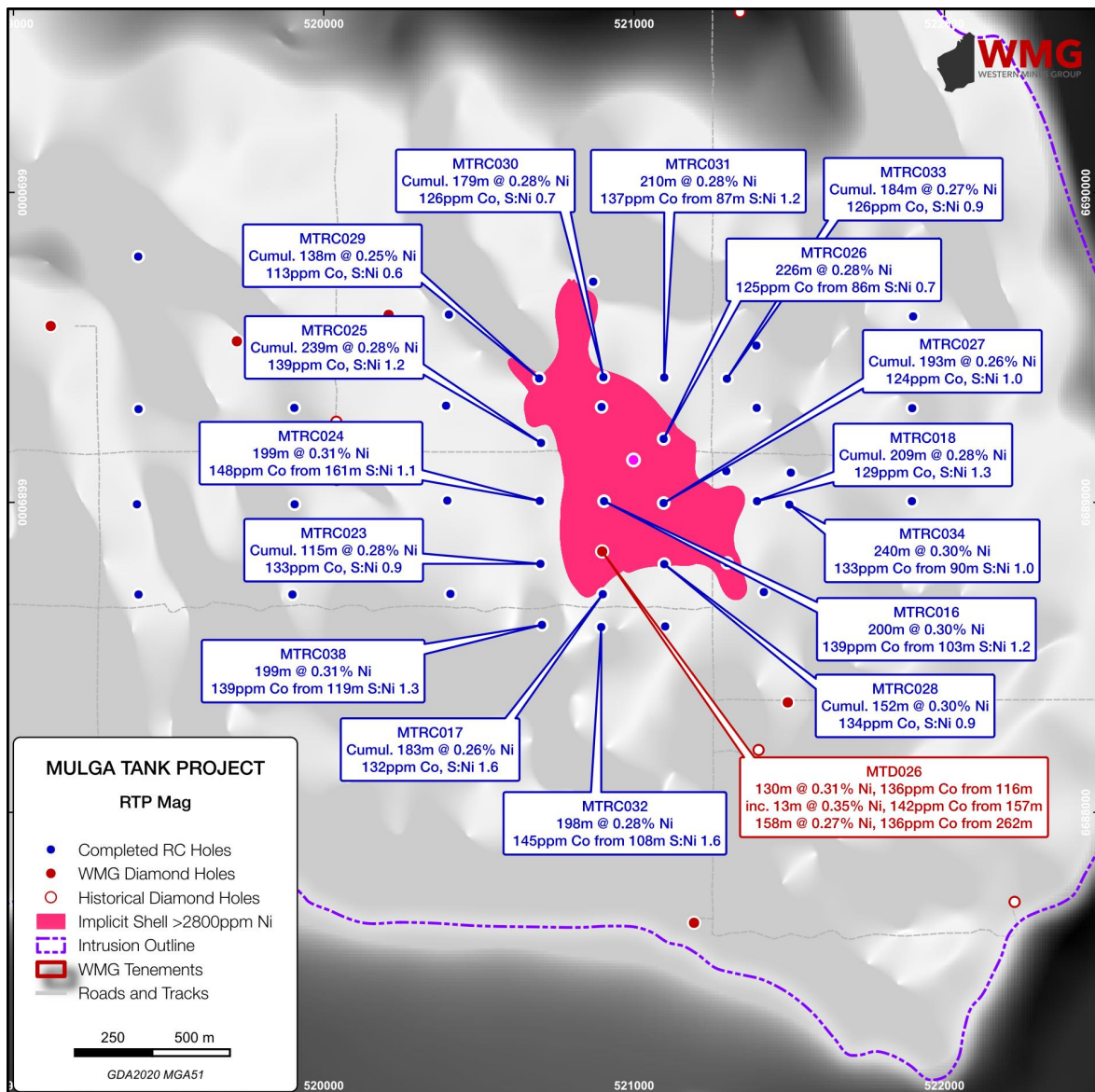


Figure 1: Phase 2 assay results for shallow disseminated nickel sulphide mineralisation around the core area





These anomalous zones provide strong evidence for nickel sulphide mineralisation and were generally defined by a combination of the various geochemical indicators and cut-off grades (Ni >0.16%, Cu >20ppm, Pt+Pd >20ppb, S >0.1% and S:Ni >0.5), with only minimal inclusion of unmineralised material below mineable width.

- MTRC033**      23m at 0.26% Ni, 114ppm Co, 1ppm Cu, 1ppb Pt+Pd from 92m
- 79m at 0.25% Ni, 117ppm Co, 11ppm Cu, 5ppb Pt+Pd from 142m
- 82m at 0.29% Ni, 137ppm Co, 174ppm Cu, 34ppb Pt+Pd from 230m\*
- inc. 2m at 0.80% Ni, 351ppm Co, 737ppm Cu, 34ppb Pt+Pd from 230m
- that inc. 1m at 1.21% Ni, 490ppm Co, 0.1% Cu, 37ppb Pt+Pd from 230m
- and inc. 3m at 0.44% Ni, 165ppm Co, 257ppm Cu, 114ppb Pt+Pd from 257m
- and inc. 21m at 0.34% Ni, 138ppm Co, 136ppm Cu, 45ppb Pt+Pd from 291m\*
- Cumulative**      184m at 0.27% Ni, 126ppm Co, 82ppm Cu, 18ppb Pt+Pd with S:Ni 0.9\*

\* Ending in mineralisation

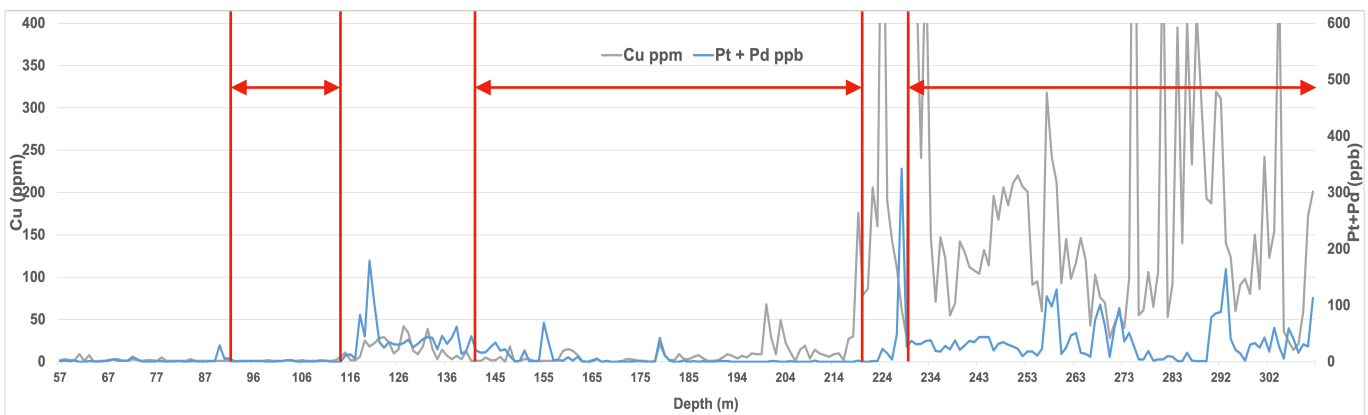


Figure 2: MTRC033 Cu and Pt+Pd

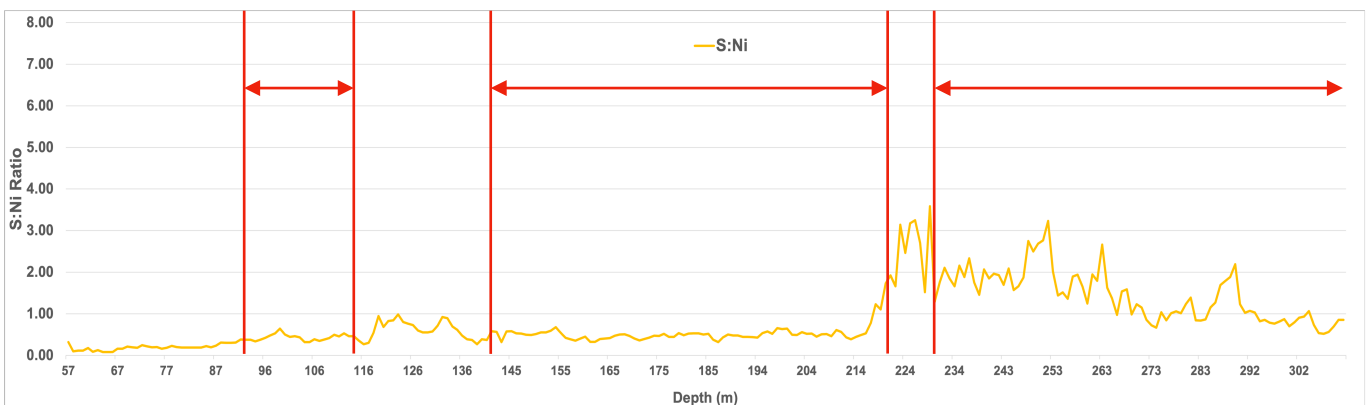


Figure 3: MTRC033 S:Ni Ratio

**MTRC034** 240m at 0.30% Ni, 133ppm Co, 133ppm Cu, 36ppb Pt+Pd from 90m S:Ni 1.0\*  
 inc. 3m at 0.61% Ni, 190ppm Co, 311ppm Cu, 0.28g/t Pt+Pd from 97m  
 and inc. 33m at 0.38% Ni, 157ppm Co, 209ppm Cu, 0.11g/t Pt+Pd from 172m  
 that inc. 3m at 0.57% Ni, 193ppm Co, 301ppm Cu, 0.19g/t Pt+Pd from 191m  
 and inc. 18m at 0.38% Ni, 144ppm Co, 242ppm Cu, 39ppb Pt+Pd from 252m  
 and inc. 9m at 0.42% Ni, 162ppm Co, 335ppm Cu, 49ppb Pt+Pd from 321m\*

\* Ending in mineralisation

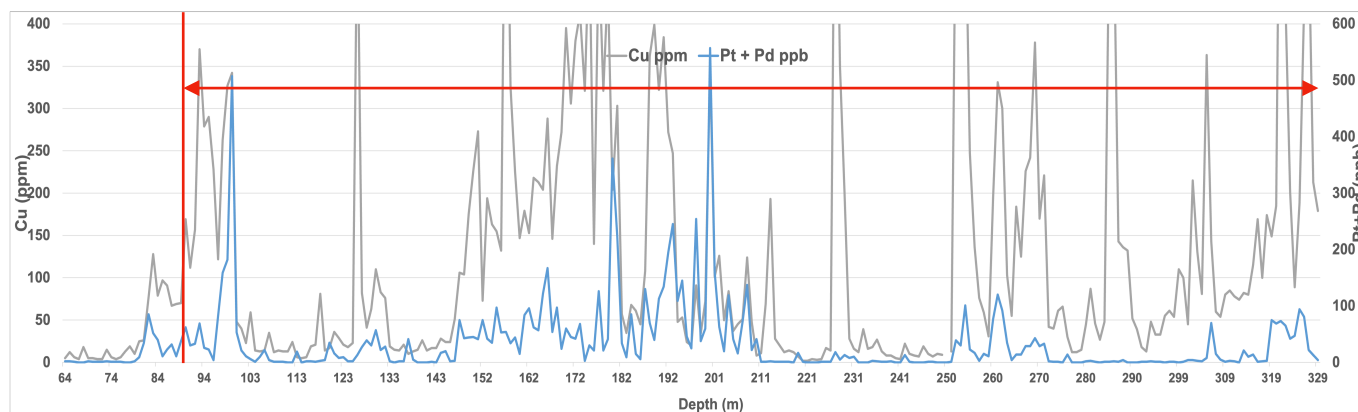


Figure 4: MTRC034 Cu and Pt+Pd

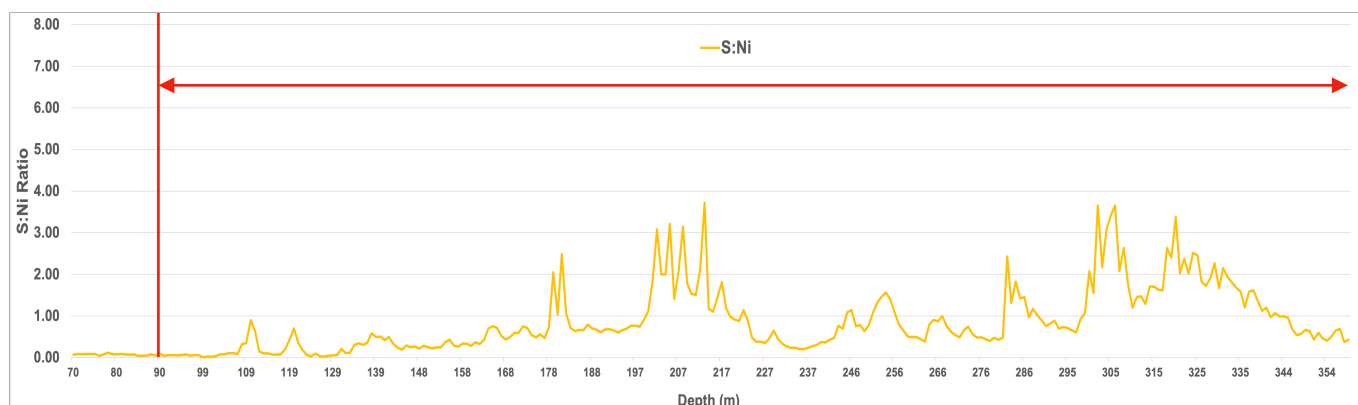


Figure 5: MTRC034 S:Ni Ratio

**MTRC038** 199m at 0.31% Ni, 139ppm Co, 260ppm Cu, 27ppb Pt+Pd from 119m S:Ni 1.3\*  
 inc. 4m at 0.50% Ni, 221ppm Co, 671ppm Cu, 30ppb Pt+Pd from 120m  
 and inc. 12m at 0.68% Ni, 270ppm Co, 0.21% Cu, 51ppb Pt+Pd from 132m  
 that inc. 4m at 1.09% Ni, 404ppm Co, 0.43% Cu, 71ppb Pt+Pd from 133m  
 which inc. 2m at 1.51% Ni, 539ppm Co, 0.72% Cu, 94ppb Pt+Pd from 135m  
 which inc. 1m at 1.30% Ni, 483ppm Co, 1.20% Cu, 0.13g/t Pt+Pd from 136m  
 and inc. 8m at 0.52% Ni, 212ppm Co, 497ppm Cu, 0.14g/t Pt+Pd from 164m  
 that inc. 2m at 1.00% Ni, 397ppm Co, 0.10% Cu, 0.44g/t Pt+Pd from 169m  
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\* Ending in mineralisation

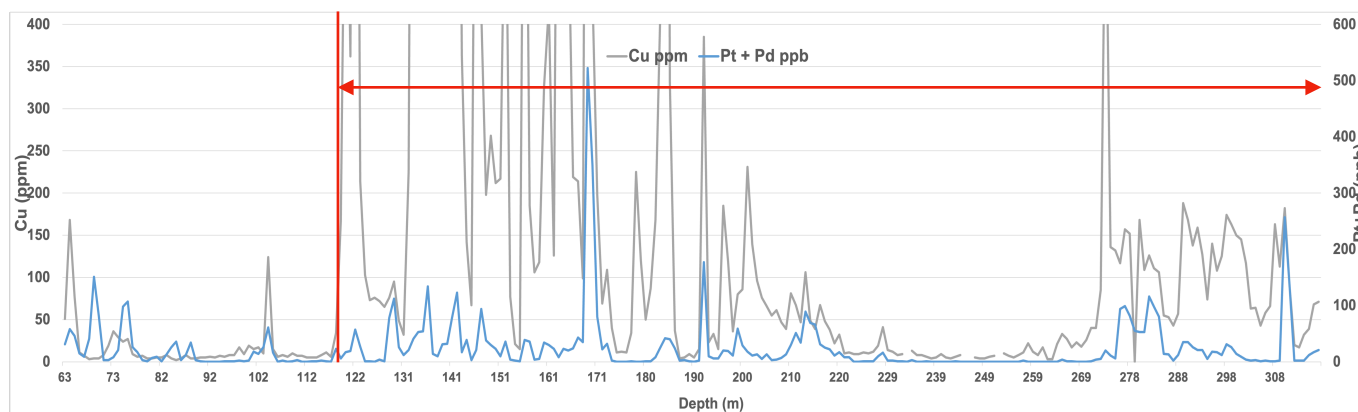


Figure 6: MTRC038 Cu and Pt+Pd

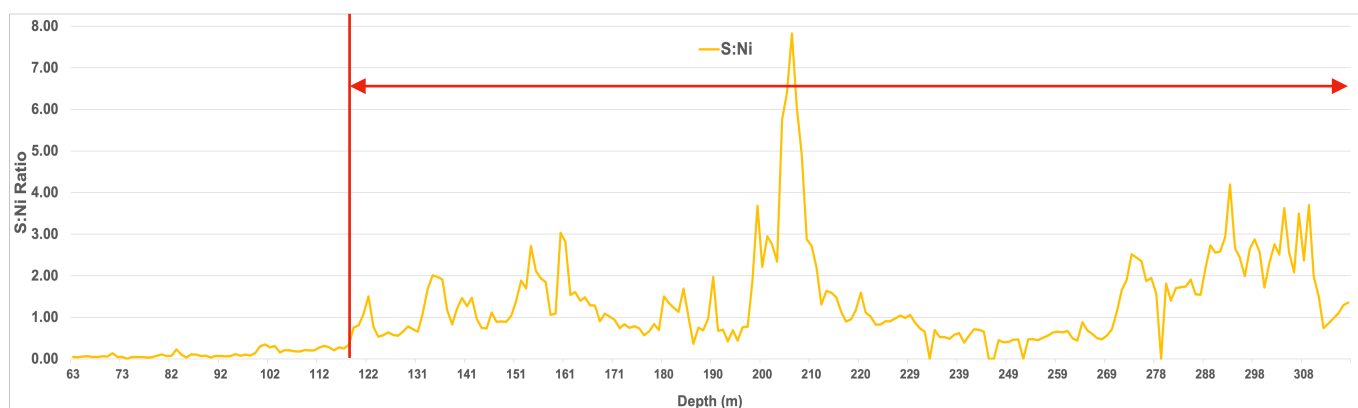


Figure 7: MTRC038 S:Ni Ratio

## DISCUSSION

These latest results continue the success rate of Phase 2 RC program with further robust intersections of disseminated nickel sulphide mineralisation over ~200m widths in holes MTRC034 and MTRC038. The S:Ni ratio and chalcophile elements (Cu and PGE's) clearly highlight strong mineralisation down the length of the holes (Figures 4 to 7).

Hole MTRC038 is another very interesting hole located 200m west of recently reported hole MTRC032 (ASX, *MTRC032 Assays - Matrix Sulphide 6m at 1.01% Ni 0.32% Cu, 10 April 2024*). MTRC032 contained both strong disseminated mineralisation **198m at 0.28% Ni, 145ppm Co, 249ppm Cu, 28ppb Pt+Pd from 108m with S:Ni of 1.6** (ending in mineralisation) along with intersections of higher grade material confirming geological logging of matrix-semi massive sulphide (10-20% sulphide content) (ASX, *Semi-Massive Sulphide in Mulga Tank Phase 2 RC Holes, 29 February 2024*), returning **1m at 1.08% Ni** from 131m and **6m at 1.01% Ni, 0.32% Cu** from 254m.

Hole MTRC038 bettered these results with **199m at 0.31% Ni, 139ppm Co, 260ppm Cu 27ppb Pt+Pd from 119m with S:Ni 1.3** (again ending in mineralisation) and also returned three high grade intersections of **4m at 1.09% Ni, 0.43% Cu** from 133m, **2m at 1.00% Ni, 404ppm Co, 0.10% Cu, 0.44g/t Pt+Pd** from 169m and **1m at 3.16% Ni, 662ppm Co, 0.18g/t Pt+Pd** from 192m.

These hole are located together on the very southern edge of the area tested to date, confirming mineralisation to be open in this direction, and certainly a zone for follow-up and extensional drilling.

A number of holes across both the Phase 1 and Phase 2 RC, and diamond drilling programs have returned higher grade assay results between 1% to 4.5% Ni. These intervals have generally been logged as matrix to semi-massive sulphide in RC chips and/or zones of remobilised massive sulphide veining in diamond core. Relatively shallow results clustering around hole MTRC038 include:

- MTRC007      1m at 1.58% Ni, 574ppm Co, 708ppm Cu, 39ppb Pt+Pd from 197m
- MTRC023      1m at 1.14% Ni, 455ppm Co, 232ppm Cu, 94ppb Pt+Pd from 220m
- MTRC024      1m at 1.28% Ni, 890ppm Co, 427ppm Cu, 37ppb Pt+Pd from 202m  
                   3m at 2.19% Ni, 777ppm Co, 597ppm Cu, 9ppb Pt+Pd from 253m  
                   that inc. 1m at 4.51% Ni, 0.16% Co, 0.14%
- MTRC032      1m at 1.08% Ni, 602ppm Co, 379ppm Cu, 83ppb Pt+Pd from 131m  
                   6m at 1.01% Ni, 443ppm Co, 0.32% Cu, 0.12g/t Pt+Pd from 254m

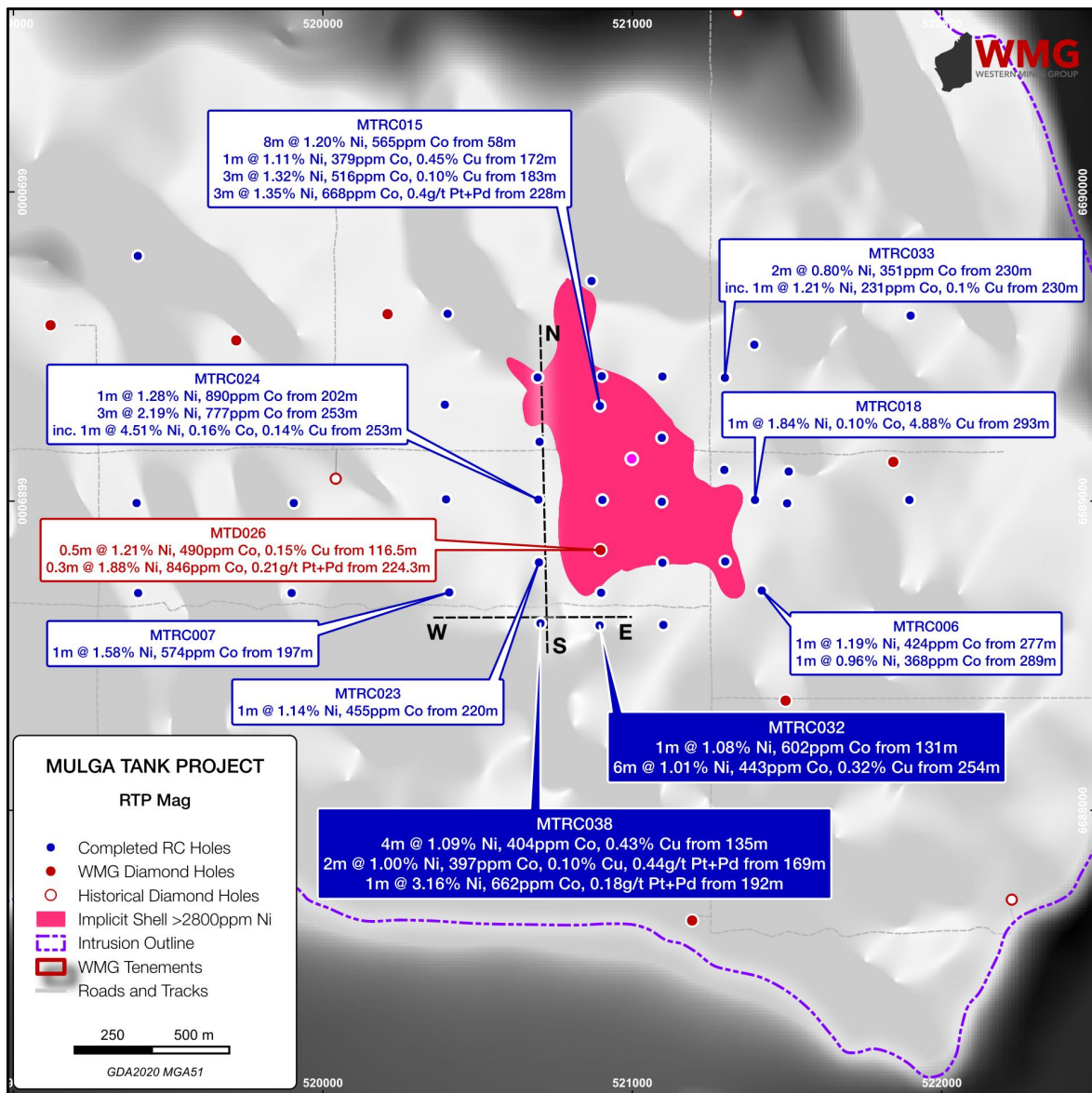


Figure 8: Higher-grade assay results over 1% Ni within the core of the Mulga Tank Ultramafic Complex



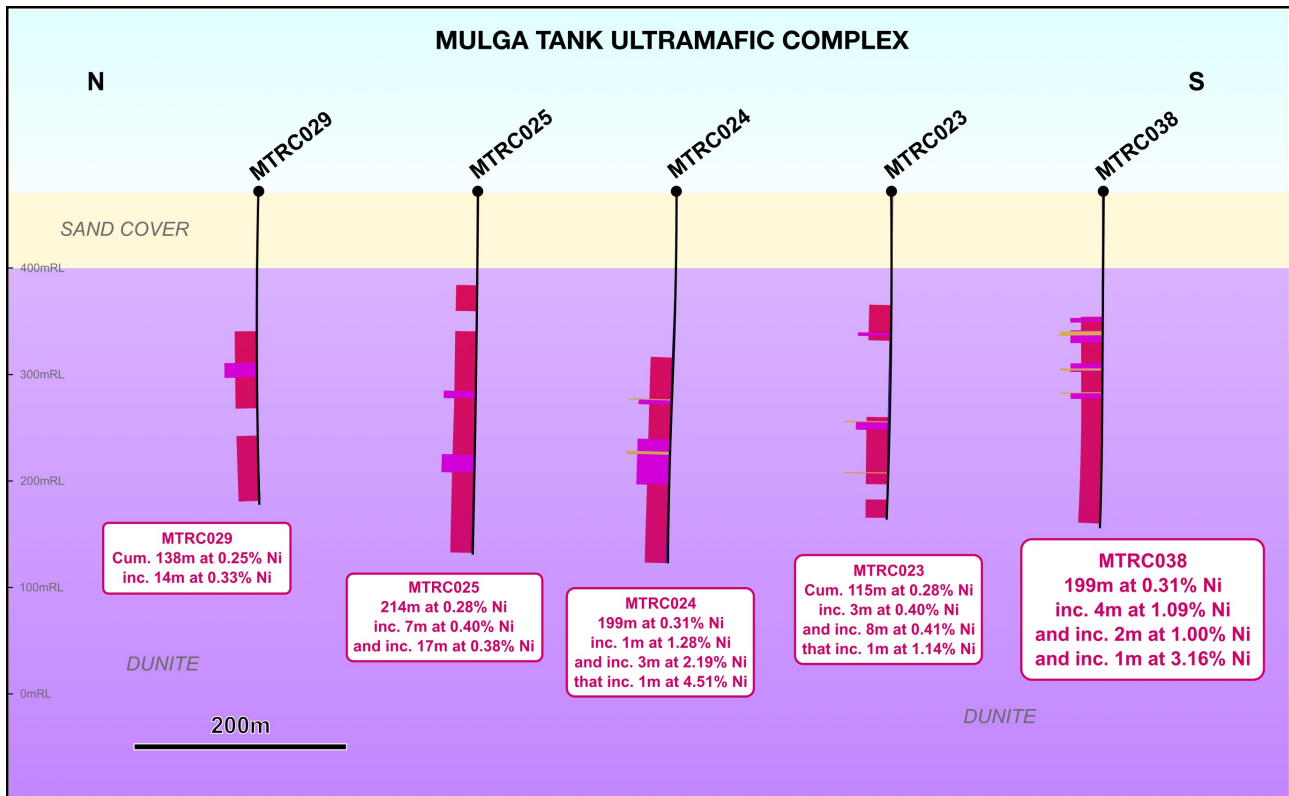


Figure 9: Cross section N-S through the Mulga Tank Ultramafic Complex

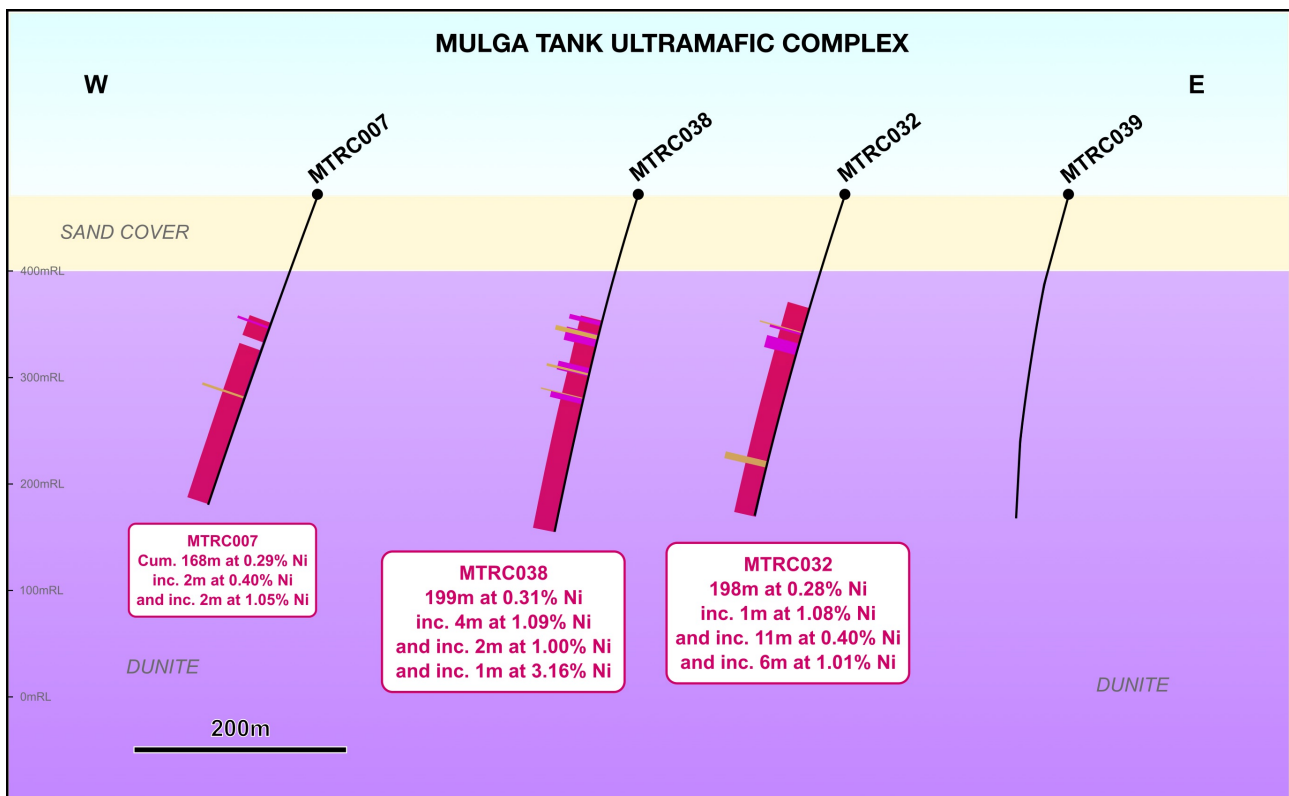


Figure 10: Cross section W-E through the Mulga Tank Ultramafic Complex

Exploration at the Mulga Tank Project continues to demonstrate an extensive nickel sulphide mineral system, with numerous ~200m disseminated sulphide intersections within the core area of the project JORC Exploration Target (ASX, *Mulga Tank JORC Exploration Target, 5 February 2024*). In addition to this, all the necessary geological processes are working to produce high-grade/high-tenor massive sulphide material, with numerous zones now intersected. This adds further evidence that Mulga Tank is not just a Type 2 disseminated sulphide system and is more likely a Perseverance-style hybrid Type 1/2 system with a basal massive sulphide component. This augurs well for the potential grade and tenor of any larger intersections of high grade massive sulphide mineralisation that could be discovered in the Mulga Tank Complex.

The Company looks forward to regularly updating shareholders on the final assay results from the Phase 2 RC drilling program as they become available, along with the progress of deep diamond hole MTD029 (EIS3).

**For further information please contact:**

Dr Caedmon Marriott  
Managing Director  
Tel: +61 475 116 798  
Email: [contact@westernmines.com.au](mailto:contact@westernmines.com.au)

*This announcement has been authorised for release to the ASX by Dr Caedmon Marriott, Managing Director*

APPENDIX

HoleID	From (m)	To (m)	Interval (m)	Ni (%)	Co (ppm)	Cu (ppm)	Pt + Pd (ppb)
MTRC033	92	115	23	0.26	114	1	1
MTRC033	142	221	79	0.25	117	11	5
MTRC033	230	312	82	0.29	137	174	34
	inc. 230	232	2	0.80	351	737	34
	<b>that inc. 230</b>	<b>231</b>	<b>1</b>	<b>1.21</b>	<b>490</b>	<b>1010</b>	<b>37</b>
	inc. 257	260	3	0.44	165	257	114
	inc. 291	312	21	0.34	138	136	45
MTRC034	90	330	240	0.30	133	133	36
	inc. 97	100	3	0.61	190	311	283
	inc. 172	205	33	0.38	157	209	105
	inc. 191	194	3	0.57	193	301	191
	inc. 252	270	18	0.38	144	242	39
	inc. 321	330	9	0.42	162	335	49
MTRC038	119	318	199	0.31	139	260	27
	inc. 120	124	4	0.50	221	671	30
	inc. 132	144	12	0.68	270	2076	51
	<b>that inc. 133</b>	<b>137</b>	<b>4</b>	<b>1.09</b>	<b>404</b>	<b>4281</b>	<b>71</b>
	<b>that inc. 135</b>	<b>137</b>	<b>2</b>	<b>1.51</b>	<b>539</b>	<b>7205</b>	<b>94</b>
	<b>that inc. 136</b>	<b>137</b>	<b>1</b>	<b>1.30</b>	<b>483</b>	<b>11950</b>	<b>134</b>
	inc. 164	172	8	0.52	212	497	137
	<b>that inc. 169</b>	<b>171</b>	<b>2</b>	<b>1.00</b>	<b>397</b>	<b>987</b>	<b>436</b>
	<b>that inc. 169</b>	<b>170</b>	<b>1</b>	<b>1.34</b>	<b>546</b>	<b>1535</b>	<b>522</b>
	inc. 192	198	6	0.91	231	127	40
<b>that inc. 192</b>	<b>193</b>	<b>1</b>	<b>3.16</b>	<b>662</b>	<b>385</b>	<b>177</b>	

Table 1: Significant intersections holes MTRC033, MTRC034 and MTRC038

HoleID	Easting (MGA51)	Northing (MGA51)	Total Depth (m)	Azimuth	Dip
MTRC033	521299	6689399	312	270	-70
MTRC034	521500	6688993	330	270	-70
MTRC038	520703	6688605	318	270	-70

Table 2: Collar details for holes MTRC033, MTRC034 and MTRC038

**Western Mines Group Ltd**

ACN 640 738 834  
 Level 3, 33 Ord Street  
 West Perth  
 WA 6005

**Board**

**Rex Turkington**  
*Non-Executive Chairman*

**Dr Caedmon Marriott**  
*Managing Director*



**Francesco Cannavo**  
*Non-Executive Director*

**Dr Benjamin Grguric**  
*Technical Director*

**Capital Structure**

Shares: 75.08m  
 Options: 20.52m  
 Share Price: \$0.22  
 Market Cap: \$16.52m  
 Cash (31/12/23): \$2.10m

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**ABOUT WMG**

Western Mines Group Ltd (ASX:WMG) is a mineral exploration company driven by the goal to create significant investment returns for our shareholders through exploration and discovery of high-value gold and nickel sulphide deposits across a portfolio of highly-prospective projects located on major mineral belts of Western Australia.

Our flagship project and current primary focus is the Mulga Tank Ni-Co-Cu-PGE Project, a major ultramafic complex found on the under-explored Minigwal Greenstone Belt. WMG's exploration work has discovered significant nickel sulphide mineral system and is considered highly prospective for globally significant Ni-Co-Cu-PGE deposits.

The Company's primary gold project is Jasper Hill, where WMG has strategically consolidated a 3km mineralised gold trend with walk-up drill targets. WMG has a diversified portfolio of other projects including Melita (Au, Cu-Pb-Zn), midway between Kookynie and Leonora in the heart of the WA Goldfields; Youanmi (Au), Pavarotti (Ni-Cu-PGE), Rock of Ages (Au), Broken Hill Bore (Au) and Pinyalling (Au, Cu, Li).

**COMPETENT PERSONS STATEMENT**

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and has been compiled and assessed under the supervision of Dr Caedmon Marriott, Managing Director of Western Mines Group Ltd. Caedmon is a Member of the Australian Institute of Geoscientists, a Member of the Society of Economic Geologists and a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Caedmon consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

**DISCLAIMER**

Some of the statements appearing in this announcement may be in the nature of forward looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which WMG operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward looking statement. No forward looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside WMG's control.

WMG does not undertake any obligation to update publicly or release any revisions to these forward looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, none of WMG, its Directors, employees, advisors or agents, nor any other person, accepts any liability for any loss arising from the use of the information contained in this announcement. You are cautioned not to place undue reliance on any forward looking statement. The forward looking statements in this announcement reflect views held only as at the date of this announcement.

## MULGA TANK PROJECT

### JORC CODE, 2012 EDITION - TABLE 1 SECTION 1: SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay’). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>Reverse circulation (RC) drilling was completed using standard industry best practice</li> <li>Individual 1m samples were collected directly from the rig sampling system. Samples were crushed and pulverised to produce a sub-sample for analysis by either multi-element ICP-AES (ME-ICP61 and ME-ICP41), precious metals fire assay (Au-AA25 or PGM-ICP23) and loss on ignition at 1,000°C (ME-GRA05)</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>Reverse circulation percussion drilling rig with a 5.25inch face sampling bit</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>Standard drilling techniques using “best practice” to maximise sample recovery</li> <li>Information not available to assess relationship between sample recovery and grade</li> </ul>



Criteria	JORC Code explanation	Commentary
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>Drill holes geologically logged on a metre basis</li> <li>Logging is to a level of detail sufficient to support a Mineral Resource estimation, though further information would be required</li> <li>Logging is qualitative in nature and recorded lithology, mineralogy, mineralisation, weathering, colour, and other features of the samples. Chip trays were photographed in both dry and wet form</li> <li>Drillhole was logged in full, apart from rock rolled pre-collar intervals</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>Individual 1m samples were collected directly from the rig sampling system. Samples were crushed and pulverised to produce a sub-sample for analysis by either multi-element ICP-AES (ME-ICP61 and ME-ICP41), precious metals fire assay (Au-AA25 or PGM-ICP23) and loss on ignition at 1,000°C (ME-GRA05)</li> <li>Majority of samples were dry however some ground water was encountered and some samples were taken wet</li> <li>Industry standard sample preparation techniques were undertaken and considered appropriate for the sample type and material sampled</li> <li>The sample size is considered appropriate to the grain size of the material being sampled</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>Samples analysed by four-acid digest multi-element ICP-AES (ME-ICP61) or precious metals fire assay (Au-AA25 or PGM-ICP23) are considered total or near total techniques</li> <li>Samples analysed by aqua regia digest multi-element ICP-AES (ME-ICP41) is considered a partial technique of soluble sulphide</li> <li>Standards, blanks and duplicate samples were introduced through-out the sample collection on a 1:20 ratio to ensure quality control</li> <li>ALS also undertake duplicate analysis and run internal standards as part of their assay regime</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Primary logging data was collected using Ocris logging system on a laptop computer,</li> <li>Significant reported assay results were verified by multiple alternative company personnel</li> <li>All logging and assay data was compiled into a SQL database server</li> </ul>

Criteria	JORC Code explanation	Commentary
Location of data points	<ul style="list-style-type: none"> <li>• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>• Specification of the grid system used.</li> <li>• Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>• Drill holes located using a handheld GPS with accuracy of +/-3m</li> <li>• Downhole surveys were performed at collar and end of hole</li> <li>• Coordinates are in GDA94 UTM Zone 51</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>• Data spacing for reporting of Exploration Results.</li> <li>• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>• Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>• The drilling completed was reconnaissance in nature designed to test specific geological targets for first pass exploration purposes only</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>• The drilling was planned to be approximately perpendicular to the interpreted stratigraphy and mineralisation</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>• Samples were delivered to the laboratory by company personnel</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>• No audits or reviews of drilling sampling techniques or data by external parties at this stage of exploration</li> <li>• Significant drilling intersections reviewed by company personnel</li> <li>• An internal review of sampling techniques and data will be completed</li> </ul>

## SECTION 2: REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>• Tenements E39/2132, E39/2134 and E39/2223, tenement application E39/2299</li> <li>• Held 100% by Western Mines Group Ltd</li> <li>• 1% NSR to original tenement holder</li> <li>• Native Title Upurli Upurli Nguratja</li> <li>• No known registered sites or historical areas within the tenements</li> <li>• Goldfields Priority Ecological Community PEC54 borders eastern edge of project area</li> <li>• Tenement is in good standing</li> </ul>

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Previous exploration over the Mulga Tank project area by various companies dates back to the 1980s</li> <li>Of these, more detailed exploration was completed by BHP Minerals Pty Ltd (1982–1984), MPI Gold Pty Ltd (1995–1999), North Limited (1999–2000), King Eagle Resources Pty Ltd (2004–2012), and Impact (2013–2018)</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>The geology of the project area is dominated by the irregular shaped Mulga Tank serpentinised metadunite intrusive body measuring ~5km x 5km, hosted within metasediments, mafic to felsic schists and foliated metagranite of the northwest trending Archean Minigwal Greenstone Belt</li> <li>Previous drilling intersected disseminated and narrow zones of massive nickel-copper sulphide mineralisation within the dunite intrusion</li> <li>The intrusion is concealed under variable thicknesses of cover (up to 70 m in places) with the interpretation of the bedrock geology based largely on aeromagnetic data and limited drilling</li> </ul>
Drill hole information	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:                             <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>A listing of the drill hole information material to the understanding of the exploration results provided in the body of this announcement</li> <li>The use of any data is recommended for indicative purposes only in terms of potential Ni-Cu-PGE mineralisation and for developing exploration targets</li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No metal equivalent values have been quoted</li> <li>Results where stated have been normalised to a volatile free sample based on the LOI at 1,000°C results using the formula <math>M(VF) = M / (100\% - LOI\%)</math></li> </ul>

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>• These relationships are particularly important in the reporting of Exploration Results.</li> <li>• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>• The drillhole was oriented to intersect perpendicular to the mineralisation or stratigraphy</li> <li>• The relationship of the downhole length to the true width is not known</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>• Appropriate maps, photos and tabulations are presented in the body of the announcement</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>• Reporting of significant intersections in Table 1</li> <li>• Reporting of majority of all sample results on charts within the document</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Further work	<ul style="list-style-type: none"> <li>• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>• Future exploration planned includes further drill testing of targets identified</li> <li>• Exploration is at an early stage and future drilling areas will depend on interpretation of results</li> </ul>