BLACK CANYON

ASX: BCA
30 September 2026

Wandanya Maiden Mineral Resource Estimate

23.6Mt @ 25.8% Mn

Scoping Study underway to assess preliminary economics and opportunities

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Highlights

Maiden Global Manganese Mineral Resource estimate - 23.6Mt @ 25.8% Mn (12% Mn cut-off).

- **Including 16.8Mt @ 30.0% Mn** (20% Mn cut-off).
- Including potential **Direct Ship Ore (DSO) of 3.7Mt @ 38.9% Mn** (35% Mn cut-off).
- **Global Mn Measured and Indicated Resources over 90%** (66% Measured, 26% Indicated and 8% Inferred).
- Pilot scale dense media separation (DMS) metallurgical testwork using feed composites around 30% Mn demonstrated strong potential to produce **high-quality beneficiated products ranging between 38.5% Mn and 41% Mn** with high recoveries at approximately 80%.[1]

Maiden Global Iron Mineral Resource estimate of 12.5Mt @ 54.9% Fe (50% Fe cut-off).

- Including **5.5Mt @ 57.9% Fe** (55% Fe cut-off).
- High confidence global Fe resource classification - **100% Measured.**
- Iron ore drop tower tests produced a **74% lump product, grading 59.7% Fe** confirming the potential for Direct Ship Ore (DSO).[2]

- Scoping Study currently underway to evaluate the **3.4 km base case resource, which is on track for completion in December 2026.**
- The Wandanya Mineral Resource estimate is superior to Australia's last significant manganese mine development - Bootu Creek located in the Northern Territory, that commenced operations in 2005 with a pre-mine Mineral Resource estimate (2004) of 11.0Mt at 27% Mn (18% Mn cut-off).[3]
- Manganese is essential in the production of steel, improving strength and corrosion resistance and **critical for clean energy Electric Vehicle batteries and bulk energy storage systems.**

[1] BCA ASX Announcement 22 July 2026 - Wandanya Pilot Scale Dense Media Beneficiation Delivers a High-Grade 41% Mn product
[2] BCA ASX Announcement 14 May 2026 – Wandanya Beneficiation Delivers High-Grade 40 – 45% Mn products
[3] OMH.ASX Announcement 9 March 2004 – Investor Presentation

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Capital Structure (ASX: BCA)

Shares on Issue	167.0M
14c Options (exp 14/10/2026)	1.15M
Top 20 Shareholders	50%
Board & Management	8%
Funds & Institutions	24%

Board of Directors

Graham Ascough
Non-Executive Chairman

Brendan Cummins
Managing Director

Simon Taylor
Non-Executive Director

Adrian Hill
Non-Executive Director

Wandanya Project
High-grade Mn & Fe discovery

Balfour Manganese Field
Global MRE 315Mt @10.5% Mn*
Largest Resource in Western Australia

*BCA Announcement 22/10/25



Australian manganese explorer and developer, Black Canyon Limited (**Black Canyon** or **the Company**) is pleased to report a maiden Mineral Resource estimate for the Wandanya Deposit (BCA 100%) in accordance with the JORC code (2012). The Mineral Resource estimate for both the Manganese and Iron is presented in Figure 1 and summarised in Table 1 and Table 2 respectively.

Black Canyon's Managing Director Brendan Cummins said:

"Wandanya is one of the most significant recent greenfields manganese discoveries in Australia with a global Mineral Resource estimate comprising 23.6Mt @ 25.8% Mn. Delivering the maiden Mineral Resource estimate marks another defining milestone for Black Canyon and confirms our belief Wandanya is a Company making asset.

"When benchmarked against our peers[4] the scale and grade potential of Wandanya compares strongly and in some key grade and mining aspects is superior to the Bootu Creek pre-mine resource of 11.0 Mt at 27% Mn which was built and operated by OM Holdings (ASX:OMH) for 15 years.

"Shallow resources provide optionality to produce DSO, blended feedstocks and altering rates of production depending on market conditions. We have a high confidence Mineral Resource with more than 90% in the Measured and Indicated classification which will enable an efficient transition to feasibility studies without further detailed resource drilling.

"Beneficiation amenability has been demonstrated through multiple phases of metallurgical testwork using low, medium, high and blended feedstock composites and has consistently delivered product grades close to or over 40 % Mn with moderate to high recoveries using simple density-based methods.

"At Wandanya we have a rare combination of grade and scale within a continuous outcropping and near surface zone of mineralisation which provides multiple positive development attributes lending itself to a long mine-life.

"The important take away from shallow resources and positive metallurgy is that it substantially reduces project risk that should translate to low mining costs and provide processing optionality to produce highly marketable manganese and iron products.

"The Wandanya Mineral Resource now sets the platform for the Scoping Study which we anticipate will highlight the potential value of our manganese and iron assets to build a long-life mining operation and we look forward to delivering that to shareholders by year end."

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[4] Refer to Appendix 4 for Australian manganese MRE peer comparisons

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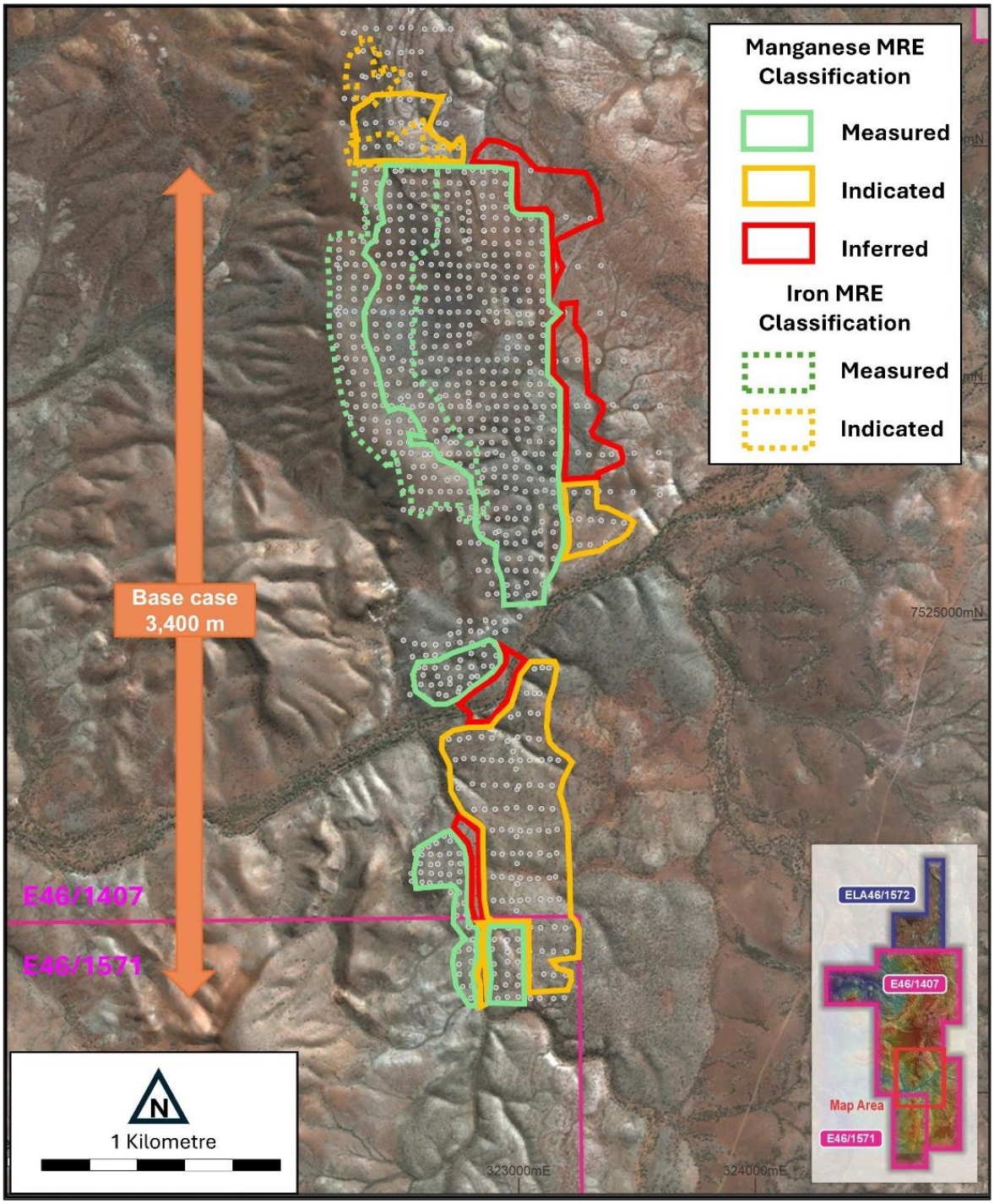

Figure 1. Manganese and Iron Mineral Resource outlines and classifications projected to surface.

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Australian Benchmark Projects

The Wandanya discovery has several qualities that compare favourably in terms of grade and beneficiation amenability to other existing and previously operated Australian mines.

The Woodie Woodie mine located 80 km to the north of Wandanya has developed and mined 20 individual deposits over 20km strike with resource sizes ranging between 0.2 Mt to 5.5 Mt, averaging 0.5 Mt but at depths from surface to over 200m[5]. At Wandanya a continuous horizon of mineralisation extending over 3.4km in strike has been delineated with the majority of the mineralisation at surface or less than 20 m depth.

In terms of resource grade, the significant Groote Eylandt operation reports a Run of Mine (ROM) beneficiated Mineral Resource grade averaging 43.9% Mn with a 46% yield that would suggest the in-situ Mn grades are closer to half the beneficiated grade.[6] The maiden global Mineral Resource at Wandanya is reported as 25.8% Mn (12% Mn cut-off) including at a higher cut-off (15% Mn cut-off) resources at 28.4% Mn (Table 3)

When benchmarked against the Bootu Creek pre-mine resource of 11.0 Mt at 27% Mn [7] the scale and grade potential of Wandanya compares strongly. The Bootu Creek mine was eventually operated by OM Holdings (ASX:OMH) for 15 years after several post-mine development discoveries.

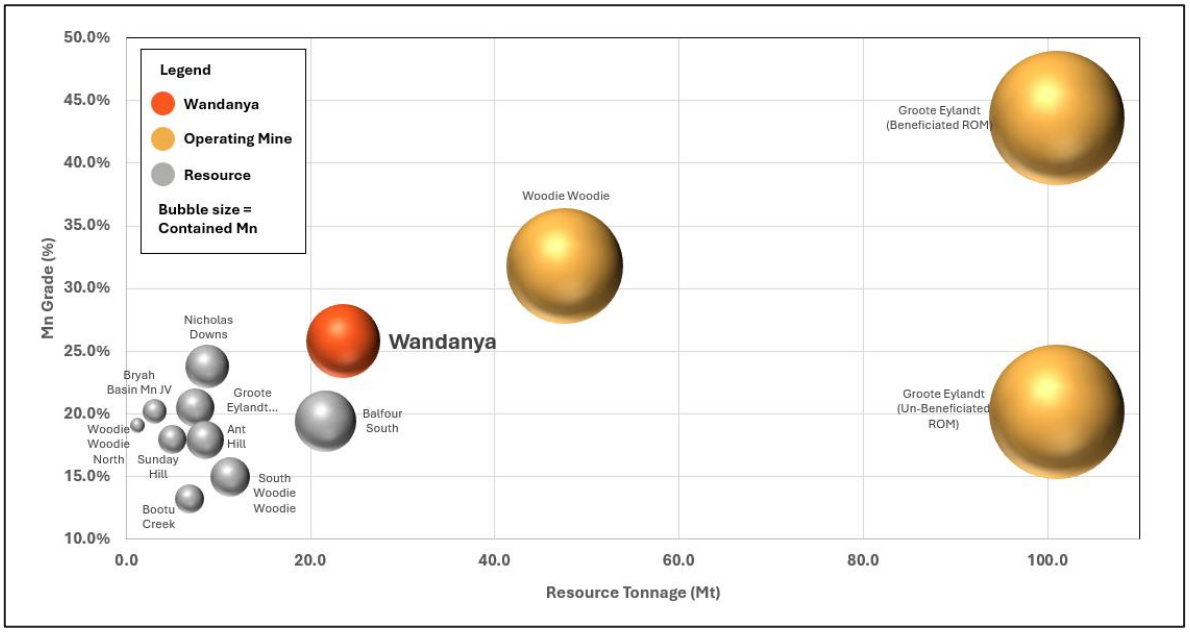

Figure 2. Australian manganese mineral resource estimate peer comparison (source data and notes presented in Appendix 4).

[5] Jones et al 2012 Structural controls and timing of fault-hosted manganese at Woodie Woodie, East Pilbara, Western Australia.
[6] South 32 2026 Annual Report page 247.
[7] Refer to Appendix 4 for Australian manganese MRE peer comparisons

Table 1. Summary of Manganese Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	Material (Mt)[2]	In Situ Mn (Mt)	BD (gcm^3)	Mn (%)	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	P (%)	LOI (%)
Measured	15.5	4.2	2.92	26.9	5.7	18.9	5.1	0.02	17.5
Indicated	6.3	1.4	2.97	22.9	3.4	15.8	4.3	0.02	25.3
Inferred	1.8	0.5	3.00	26.7	3.0	13.8	3.9	0.02	24.1
Grand Total	**23.6**	**6.1**	**2.94**	**25.8**	**4.9**	**17.7**	**4.8**	**0.02**	**20.1**

Notes to Table 1:
(1) Mineral resources reported at a **cut-off grade of 12% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

Table 2. Summary of Iron Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	Material (Mt)[2]	In Situ Fe (Mt)	BD (gcm^3)	Mn (%)	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	P (%)	LOI (%)
Measured	11.6	6.4	3.37	0.7	55.1	13.7	2.4	0.02	3.3
Indicated	0.8	0.4	3.37	0.7	51.5	16.1	2.2	0.03	4.6
Inferred	0.02	0.0	3.37	0.1	51.2	15.7	2.7	0.02	4.8
Grand Total	**12.5**	**6.8**	**3.37**	**0.7**	**54.9**	**13.8**	**2.4**	**0.02**	**3.4**

Notes to Table 2:
(1) Mineral resources reported at **a cut-off grade of 50% Fe.**
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 3 for further details.

Wandanya Mineral Resource Estimate

Since late 2024 multiple reverse-circulation drilling campaigns have been completed across the Wandanya Project comprising 6,500 m (2024-2025) and 17,500 m (2026) which has delineated manganese mineralisation along approximately 3.4 km of strike and iron mineralisation along 1.5km of strike. Drilling has returned widespread shallow, high-grade manganese and iron intersections from near surface, supporting the potential for a shallow open-pit dual commodity mining operation

The Company drill data has been independently reviewed and validated for the maiden Mineral Resource estimate. The review work was completed under the supervision of Greg Jones, a specialist consultant in Mineral Resource estimates, metallurgy and processing technology, who is employed by Mineral Technologies (refer to Competent Person statement). A Summary of the Mineral Resource estimate and Reporting Criteria is attached to this announcement.

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Table 1 displays the Global MRE for the Wandanya manganese deposit and Table 2 for the iron deposit. The grade tonnage curves for both manganese and iron are presented in Figures 3 to 6 and oblique long/cross-section views of the Wandanya deposits are presented in Figures 7 to 8. Supporting JORC tables are presented in Appendix 1, 2 and 3.

The manganese and iron resource for Wandanya is hosted in outcropping to sub-cropping manganese and iron oxides on an east facing dip slope that strikes to the north. The Wandanya Mineral Resource has been estimated from several RC drilling programs comprising 929 holes for 24,021m.

The drilling has been completed on a 50m x 50m and 50m x 100m regular grid spacing. The drill spacing shows the manganese horizon is continuous downhole and across strike, which supports the high percentage of Measured and Indicated Mineral Resource classifications.

Manganese oxides dominate the outcropping and near surface mineralisation and transitions to Mn carbonate at around 20m vertical depth. The manganese oxide resources will be prioritised in the mining sequence primarily due to the near to surface location of those resources. The global manganese mineral resource reported at a 20% Mn cut-off is presented in Table 3. The global manganese oxide and manganese carbonate Mineral Resource estimates are presented in Table 4 and 5 respectively.

A potential DSO grade manganese oxide resource has been identified across the deposit forming a coherent target that maybe suitable for selective mining. Table 5 summarises the tonnes and grade of this material that may be simply mined, crushed and screened for direct ship markets or blended with beneficiated products to improve the overall specifications.

An elevated cut-off of 55% Fe has been used to report a higher-grade iron MRE that forms a coherent zone of mineralisation closer to 58% Fe content. This is presented in Table 7.

Table 3. Summary of Manganese Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	**Material (Mt)[2]**	**In Situ Mn (Mt)**	**BD (gcm^3)**	**Mn (%)**	**Fe (%)**	**SiO_2 (%)**	**Al_2O_3 (%)**	**P (%)**	**LOI (%)**
Measured	11.3	3.5	2.95	31.1	5.4	17.7	5.0	0.02	16.0
Indicated	4.0	1.1	3.02	27.3	2.9	14.2	3.8	0.02	24.5
Inferred	1.5	0.4	3.02	29.0	2.9	13.2	3.7	0.02	23.3
Grand Total	**16.8**	**5.1**	**2.97**	**30.0**	**4.6**	**16.5**	**4.6**	**0.02**	**18.7**

Notes to Table 3:
(1) Mineral resources reported at a **cut-off grade of 20% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

Table 4. Summary of Manganese Oxide Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	Material (Mt)[2]	In Situ Mn (Mt)	BD (gcm^3)	Mn (%)	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	P (%)	LOI (%)
Measured	12.5	3.6	2.91	29.2	5.9	18.9	5.2	0.02	16.0
Indicated	3.1	0.8	2.91	25.4	3.5	15.5	4.2	0.02	23.6
Inferred	1.1	0.3	2.92	28.8	2.9	13.9	3.8	0.02	22.4
Grand Total	**16.6**	**4.7**	**2.91**	**28.4**	**5.2**	**18.0**	**4.9**	**0.02**	**17.8**

Notes to Table 4:
(1) Mineral resources reported at a **cut-off grade of 15% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

Table 5. Summary of Manganese Carbonate Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	Material (Mt)[2]	In Situ Mn (Mt)	BD (gcm^3)	Mn (%)	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	P (%)	LOI (%)
Measured	1.0	0.3	3.15	27.0	3.1	13.2	4.0	0.02	25.4
Indicated	1.9	0.5	3.15	25.5	2.6	14.0	3.8	0.02	26.7
Inferred	0.7	0.2	3.15	25.2	3.1	13.0	3.9	0.02	26.3
Grand Total	**3.6**	**0.9**	**3.15**	**25.9**	**2.9**	**13.6**	**3.9**	**0.02**	**26.3**

Notes to Table 5:
(1) Mineral resources reported at a **cut-off grade of 15% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

Table 6. Summary of Manganese oxide DSO Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	Material (Mt)[2]	In Situ Mn (Mt)	BD (gcm^3)	Mn (%)	Fe (%)	SiO_2 (%)	Al_2O_3 (%)	P (%)	LOI (%)
Measured	3.1	1.2	2.94	39.0	4.0	14.0	4.1	0.01	13.8
Indicated	0.4	0.1	2.95	37.9	2.4	11.4	3.2	0.02	17.7
Inferred	0.3	0.1	2.94	38.1	2.6	11.5	3.1	0.02	17.2
Grand Total	**3.7**	**1.4**	**2.94**	**38.9**	**3.7**	**13.5**	**4.0**	**0.01**	**14.5**

Notes to Table 6:
(1) Mineral resources reported at a **cut-off grade of 35% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

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Table 7. Summary of Iron DSO Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	**Material (Mt)[2]**	**In Situ Fe (Mt)**	**BD (gcm^3)**	**Mn (%)**	**Fe (%)**	**SiO_2 (%)**	**Al_2O_3 (%)**	**P (%)**	**LOI (%)**
Measured	5.5	3.2	3.37	0.5	57.9	11.5	2.0	0.02	2.5
Grand Total	**5.5**	**3.2**	**3.37**	**0.5**	**57.9**	**11.5**	**2.0**	**0.02**	**2.5**

Notes to Table 7:
(1) Mineral resources reported at a **cut-off grade of 55% Fe**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 3 for further details.

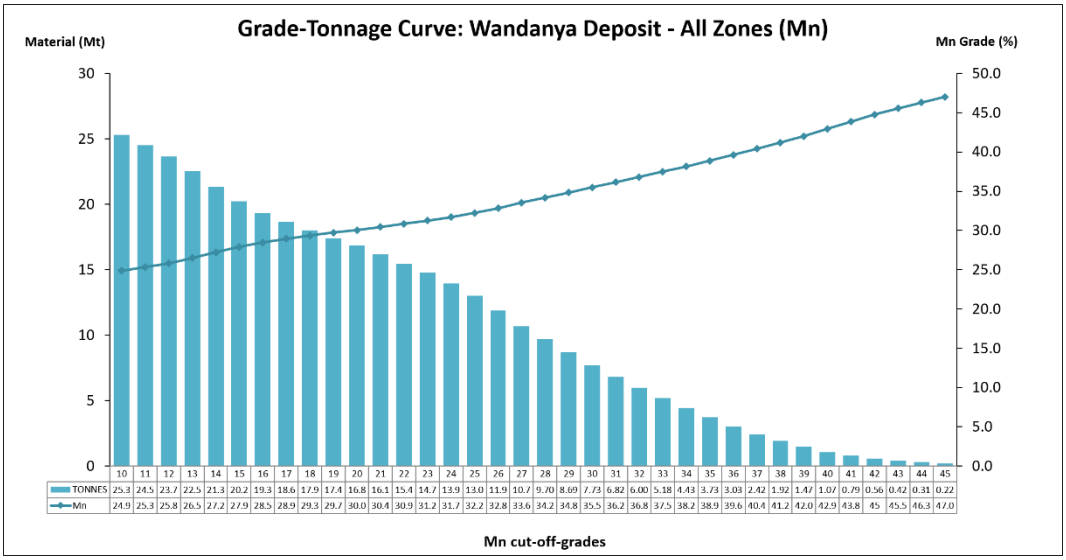

Figure 3. Wandanya Mn Mineral Resource grade-tonnage curve

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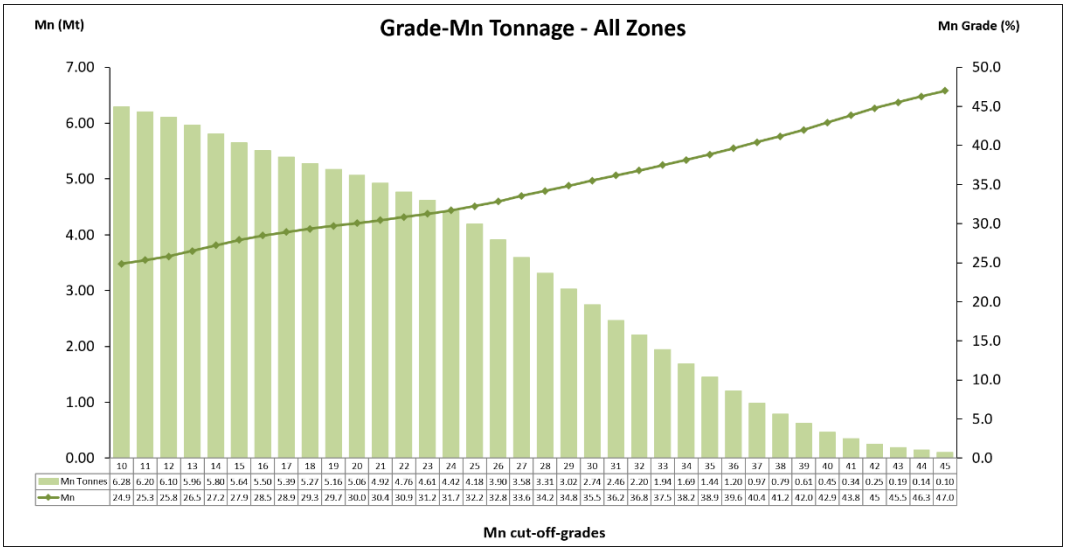
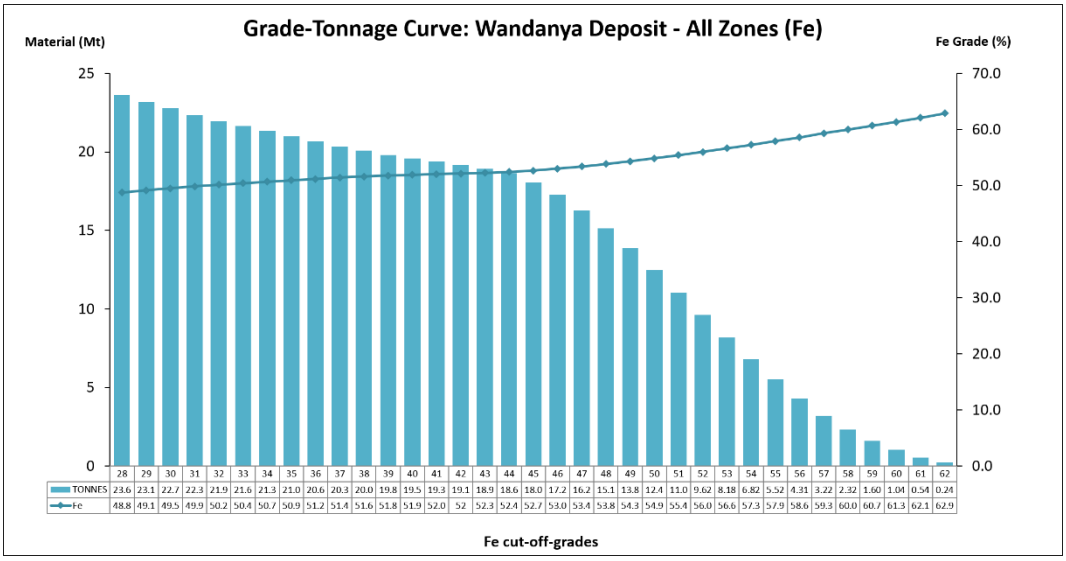


Mn cut-off-grades	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Mn Tonnes	6.28	6.20	6.10	5.96	5.80	5.64	5.50	5.39	5.27	5.16	5.06	4.92	4.76	4.61	4.42	4.18	3.90	3.58	3.31	3.02	2.74	2.46	2.20	1.94	1.69	1.44	1.20	0.97	0.79	0.61	0.45	0.34	0.25	0.19	0.14	0.10
Mn	24.9	25.3	25.8	26.5	27.2	27.9	28.5	28.9	29.3	29.7	30.0	30.4	30.9	31.2	31.7	32.2	32.8	33.6	34.2	34.8	35.5	36.2	36.8	37.5	38.2	38.9	39.6	40.4	41.2	42.0	42.9	43.8	45	45.5	46.3	47.0

Figure 4. Wandanya Mn Mineral Resource grade-contained metal tonnage curve



Fe cut-off-grades	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
TONNES	23.6	23.1	22.7	22.3	21.9	21.6	21.3	21.0	20.6	20.3	20.0	19.8	19.5	19.3	19.1	18.9	18.6	18.0	17.2	16.2	15.1	13.8	12.4	11.0	9.62	8.18	6.82	5.52	4.31	3.22	2.32	1.60	1.04	0.54	0.24
Fe	48.8	49.1	49.5	49.9	50.2	50.4	50.7	50.9	51.2	51.4	51.6	51.8	51.9	52.0	52	52.3	52.4	52.7	53.0	53.4	53.8	54.3	54.9	55.4	56.0	56.6	57.3	57.9	58.6	59.3	60.0	60.7	61.3	62.1	62.9

Figure 5. Wandanya Fe Mineral Resource grade-contained metal tonnage curve

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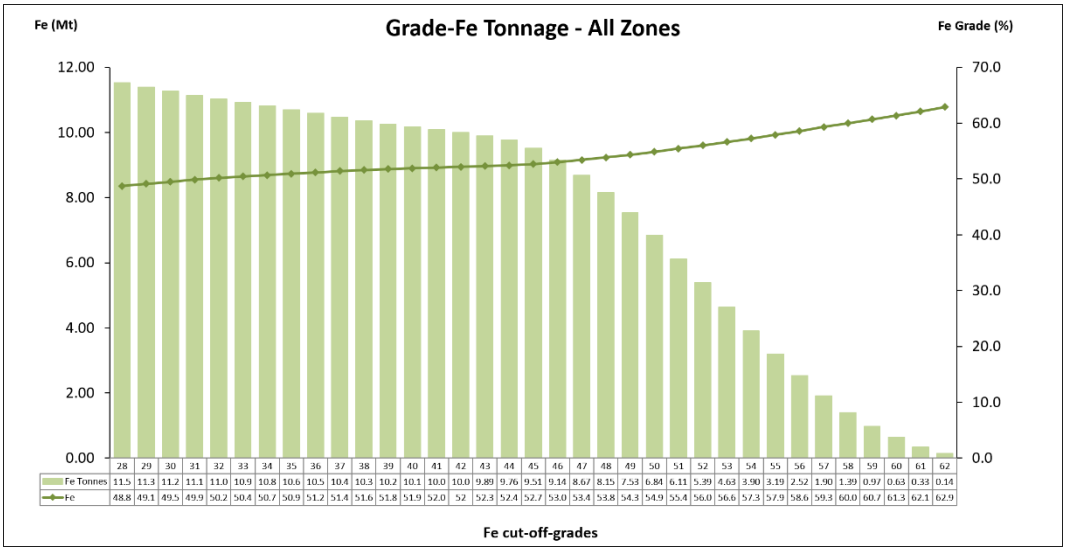

Fe cut-off-grades	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
Fe Tonnes	11.5	11.3	11.2	11.1	11.0	10.9	10.8	10.6	10.5	10.4	10.3	10.2	10.1	10.0	10.0	9.89	9.76	9.51	9.14	8.67	8.15	7.53	6.84	6.11	5.39	4.63	3.90	3.19	2.52	1.90	1.39	0.97	0.63	0.33	0.14
Fe	48.8	49.1	49.5	49.9	50.2	50.4	50.7	50.9	51.2	51.4	51.6	51.8	51.9	52.0	52	52.3	52.4	52.7	53.0	53.4	53.8	54.3	54.9	55.4	56.0	56.6	57.3	57.9	58.6	59.3	60.0	60.7	61.3	62.1	62.9

Figure 6. Wandanya Fe Mineral Resource grade-contained metal tonnage curve

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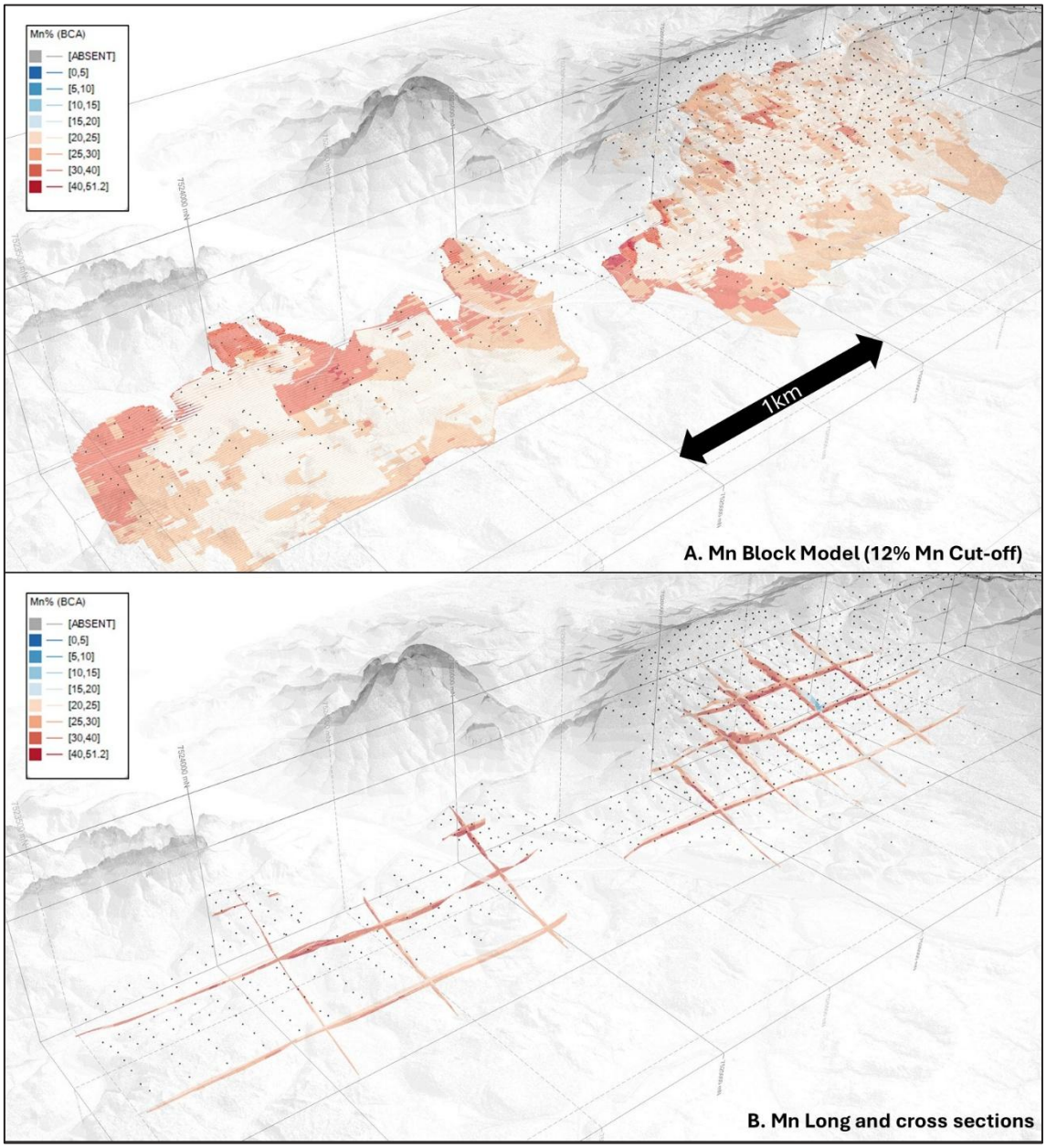

Figure 7. Oblique view of the Wandanya Mineral Resource model coloured by Mn grade (12% Mn cut off and 5 x vertical exaggeration).

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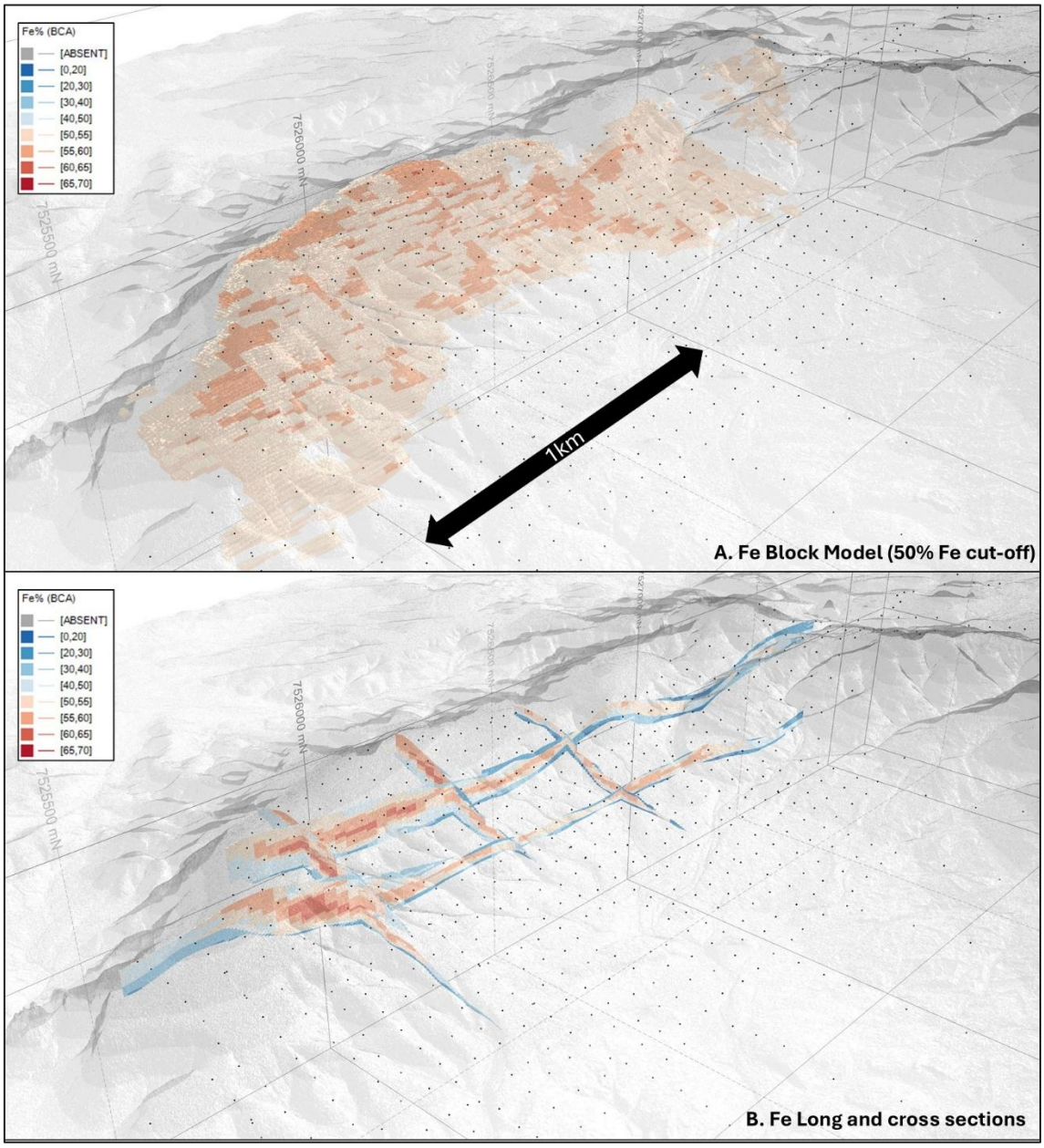

Figure 8. Oblique view of the Wandanya Mineral Resource model coloured by Fe grade (55% Fe cut off and 5 x vertical exaggeration).

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SUMMARY OF MINERAL RESOURCE ESTIMATE AND REPORTING CRITERIA

As per ASX Listing Rule 5.8 and the JORC (Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (2012 Edition)) reporting guidelines, a summary of the material information used to estimate the Mineral Resource is detailed below (for further detail refer to JORC Table 1, Sections 1 to 3 included within Appendix 1).

Geology and geological interpretation

The Capricorn Orogen of Western Australia is host to significant manganese deposits of varying sizes and styles which are typically constrained to the Mesoproterozoic Edmund-Collier Basin. This includes the Butcherbird manganese deposit hosted in the Ilgarari Formation of the Collier Group and the Balfour Manganese Project situated within the Proterozoic Manganese Group which is part of the northern extent of the Collier Basin where it transitions to the Oakover Basin.

In addition to the Balfour Manganese Project there are also a number of recognised sedimentary related Mn deposits within the Collier and Oakover Basins including the Wandanya (BCA100%), KR1/KR2 (BCA 100%), Flanagan Bore Project (BCA 75%), along with the well-known Woodie Woodie, Oakover, Nicholas Downs, Sixty Sixer, Balfour South and Ripon deposits. These deposits have a number of associated mineralisation styles such as supergene-enrichment, lateritic and fault hosted hydrothermal deposits.

The mineralisation model at Wandanya is preliminary but it appears to be a stratabound deposit with a supergene overprint to the original primary manganese carbonate.

The mineralisation is located within a sedimentary sequence. From the base to the top of the sequence the geology comprises footwall dolomite, spotted manganese dolomite, massive manganese and manganese dolomite breccia overlain by hangingwall dolomite. The consistency of the mineralisation down dip and along strike has been interpreted to represent stratabound style of manganese mineralisation. Goethite alteration is common above the manganese zone and hematite was logged within the mineralised zones as jaspilitic bands. Manganese grade intensity commonly increases towards the base of the sequence. The primary manganese carbonate has been identified from its physical characteristics as dominantly red-brown rhodochrosite. The manganese oxide minerals comprise combinations of psilomelane, cryptomelane, pyrolusite and manganite based on physical and chemical characteristics. More detailed mineralogical analysis is underway but was not available at the time of reporting the Mineral Resource estimate. The iron mineralisation is dominated by hematite with secondary goethite and limonite.

The overall geological sequence is dipping very shallowly to the east but is also openly folded with a northerly axial plane forming gently undulating outcrops. Several large north-easterly dextral faults can be identified along strike associated with surface mineralisation.

The hematite iron mineralisation appears to be a thicker up dip lateral equivalent of the manganese.

The lithological sequence of the Wandanya project principally consists of the overlying Enachedong Formation carbonates overlying the Stag Arrow Formation sediments from the Proterozoic

Manganese Group of the southern Oakover Basin. The mineralisation style at Wandanya is stratabound and maybe associated with primary manganese and iron carbonate horizons being deposited in a shallow marine setting that has been subsequently oxidised and supergene enriched in the near surface environment.

Faults and structure are considered important features of this style of mineralisation as possible conduits for the manganese rich fluids with multiple northeast trending faults visible from surface imagery.

An oxidation and transition/fresh rock boundary has also been applied to the block model through the identification of manganese oxide (oxide) and deeper manganese carbonate (fresh).

Drilling techniques and hole spacing

The Mineral Resource estimate is based on RC drill programs designed and managed by Black Canyon staff and contractors commencing in September 2024, June 2025, August 2025 and between April-June 2026.

The Company drill data was tabulated into standard collar, lithology and assay Excel files that were provided to Mineral Technologies who checked for out-of-range errors, inconsistencies and modified the header information prior to import into Datamine using standard routines. A list manganese intersects >12% Mn and 50% Fe for the MRE are presented in Appendix 2 and Appendix 3 respectively.

Drilling has been conducted using conventional regular drill grids. Most of the MRE has been drilled on a 50m hole spacing on lines either 50m, 100m, or occasionally 200m apart. The Wandanya deposits were not drilled prior to Black Canyon's initial 2024 program.

Impact Drilling using a truck mounted 660 Schramm drill rig with an on board Sullair 1350/500 compressor completed the 2025 and 2026 drill programs. The drill contractor used a conventional 5.25-inch RC face sampling hammer bit to drill the holes.

Sampling and sub-sampling techniques

The RC drilling completed by Black Canyon was logged and sampled on 1m intervals (Figure 7). The samples were collected into calico bags from a side mounted adjustable cone splitter that was set to collect a 2kg to 3kg sample representing a 1m interval which was submitted for analysis. The samples in the calico bags were not weighed on site but were weighed prior to oven drying at the laboratory in Perth. The bulk reject was collected in a large green plastic sample bag and stored on site or was dumped from 20l buckets directly to the ground. Prior to the commencement of drilling each hole the cone splitter was levelled to minimise sample bias. The cone splitter was regularly checked for obstructions, contamination and cleaned out when required. The drilling was predominantly dry.

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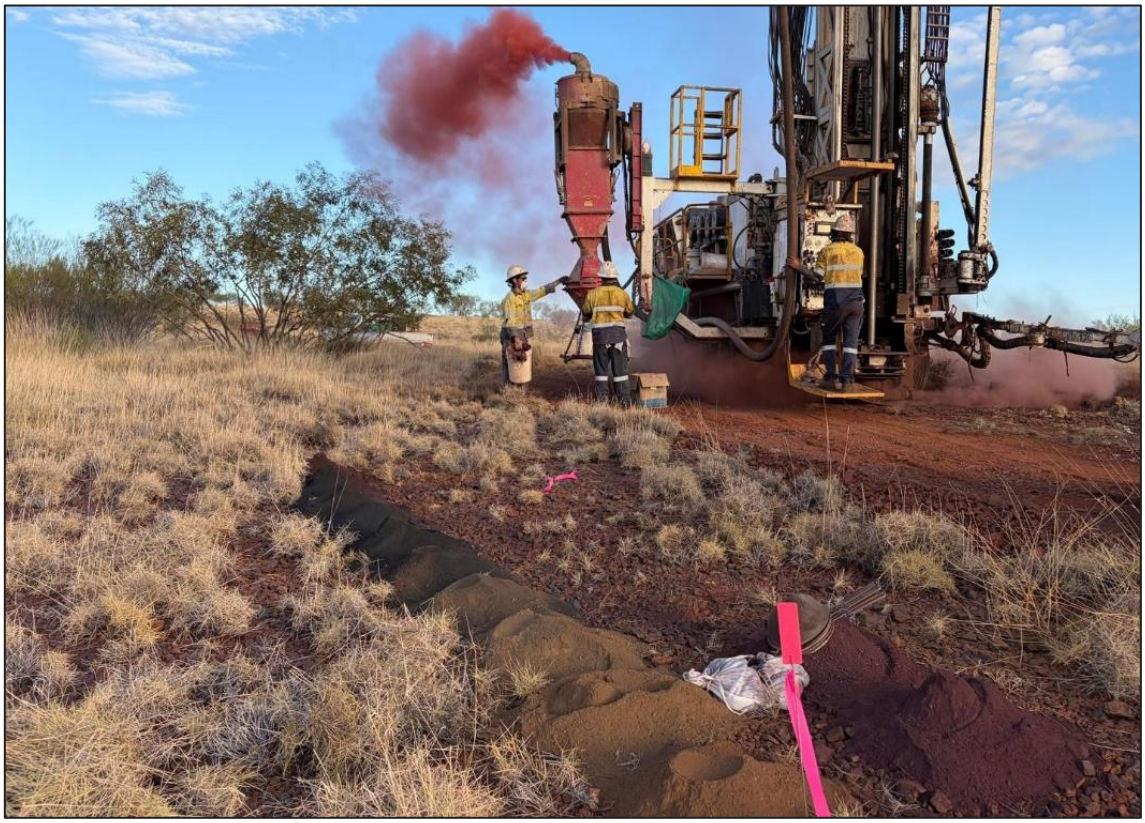

Figure 9. RC drill hole being completed (WDRC311[8]) that intersected 6m @ 31.5% Mn from 3m and 3m @ 57.5% Fe from 10m managed by Black Canyon staff and consultants.

Sample analysis method - XRF

The elemental oxides were determined for the RC drill samples collected by Black Canyon. The sample was analysed using method ME-XRF26s and ME-GRA05 for manganese and chrome ores using fusion disc XRF for Fe, SiO2, Mn, Al2O3, TiO2, P2O5, S, MgO, K2O, CaO, Cr2O3, TiO2, Na2O and BaO.

Loss on Ignition (LOI) was measured by Thermo Gravimetric Analysis (TGA)

The oxides analysed are outlined in Table 8 in addition to the conversion factor used to convert oxide assay results to elemental results.

[8] ASX Release 25 May 2026 - Continuity of Shallow, High-Grade Mn and Fe Confirmed at Wandanya

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Table 8. Oxide descriptions and conversion factors for the elements estimated.

Oxides	
Name	Chemistry
Aluminium oxide	Al2O3
Barium oxide	BaO
Calcium oxide	CaO
Cromium (III) oxide	Cr2O3
Iron	Fe
Iron (III) oxide	Fe2O3
Potassium oxide	K2O
Magnesium oxide	MgO
Manganese	Mn
Manganese oxide	MnO
Sodium oxide	Na2O
Phosphate pentoxide	P2O5
Silicon dioxide	SiO2
Strontium oxide	SrO
Titanium dioxide	TiO2

Element	Oxide	Factor
Al	Al2O3	1.889
Ca	CaO	1.399
Fe	Fe2O3	1.430
K	K2O	1.205
Mg	MgO	1.658
Mn	MnO	1.291
Na	Na2O	1.348
P	P2O5	2.291
Si	SiO2	2.139

Estimation methodology

The Mineral Resource estimate was completed by Mineral Technologies Geology & Mining using Datamine Studio RM. Geological interpretation and grade estimation were undertaken within hard-boundary geological domains developed from the final three-dimensional implicit wireframe interpretation. The domains comprise the principal iron, manganese oxide, manganese carbonate and waste lithological units and were used to constrain all grade interpolation.

Drillhole sampling was completed predominantly at 1 m intervals, and the 1 m sample support was retained for estimation. Statistical analysis of Mn, Fe and associated elements and oxides was completed by domain to assess grade distributions, continuity and suitability for geostatistical estimation. No grade top-cuts were applied because review of the domain distributions did not identify isolated extreme values considered likely to materially bias the estimate.

A block model with parent cell dimensions of 25 m by 25 m by 1 m (X, Y and Z) was selected to complement the dominant 50 m by 50 m resource definition drill spacing. Parent cells were subdivided using four splits in the X and Y directions to provide higher resolution at domain contacts and appropriately represent the shallow dip and local geometry of the mineralised horizons. Grade estimation was completed at the parent-cell scale.

Directional variography was completed for Mn and Fe within the principal mineralised domains. Variogram orientations and anisotropy were used to support the search orientation, estimation strategy and Mineral Resource classification

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Grades were interpolated using Ordinary Kriging within hard domain boundaries. Six estimation parameter passes were used to populate Mn, Fe and the associated elements and oxides within the block model. Search ellipsoid orientation was controlled dynamically using modelled trend fields representing dip direction, plunge and dip, thereby aligning sample selection with the local geometry of the mineralised horizons.

The base search dimensions were 200 m by 400 m by 20 m along the three search axes. The first search used a minimum of three and maximum of 16 samples. A second search used twice the base search volume and retained a minimum of three and maximum of 16 samples. A third search used ten times the base search volume and reduced the minimum requirement to one sample, with a maximum of 16 samples. Octant searching was applied, requiring at least one informed octant, with a minimum of one and maximum of eight samples accepted from an octant. A maximum of one sample was selected from each drillhole to reduce clustering and local over-reliance on individual holes.

The geological interpretation was the primary control on estimation. Separate Mn oxide, Mn carbonate and Fe domains were estimated independently to honour the observed geological controls, mineralogical differences and grade distributions. No assumptions were made regarding recovery of by-products. Mn, Fe and the principal associated chemical variables required for product-quality and deleterious-element assessment were estimated independently within the relevant domains.

Model validation comprised visual comparison of estimated grades against informing drillhole data in plan and section, comparison of sample and block model statistics by domain, swath plots and review of grade-tonnage relationships. Validation indicated that the block model reasonably reproduces the global grade characteristics and broad spatial distribution of Mn and Fe mineralisation, with the expected degree of smoothing associated with block estimation. No production or reconciliation data are available because the deposit has not been mined.

Bulk density was assessed using two independent datasets:

1. Continuous downhole short-spaced density (SSD) logging and
2. Core immersion measurements completed on selected PQ3 diamond core samples.

The SSD dataset provided substantially greater spatial coverage, while the core immersion measurements were considered the higher-confidence reference method.

SSD and core immersion populations were compared by geological domain and domain-specific calibration factors were applied where statistically supported. The calibrated SSD data retained the spatial coverage of the downhole dataset while reconciling the domain means to the core immersion measurements. Grade-density regression was also tested, but no sufficiently robust relationship was identified to support density determination from Fe or Mn grade alone.

Final dry bulk density values were derived from calibrated SSD measurements coded using the final block model domain boundaries. The adopted average dry densities were as follows:

Zone 1, 2.76 t/m^3; Zone 2, 3.37 t/m^3; Zone 3, 3.10 t/m^3; Zone 4, 2.62 t/m^3; Zone 42, 2.95 t/m^3; Zone 43, 2.66 t/m^3; Zone 44, 3.38 t/m^3; Zone 45, 3.14 t/m^3; and Zone 200, 2.70 t/m^3.

Density was assigned to the block model by grade domain which considers geology.

Cut-off grades

The manganese Mineral Resource estimate was reported at a cut-off grade of 12% Mn whilst the iron Mineral Resource estimate was reported at a cut-off grade of 50% Fe. The selected reporting cut-offs reflect the observed grade continuity, current metallurgical understanding, potential for direct shipping and beneficiated products, consideration of likely economic cut-offs, grade-tonnage curve analysis and the Competent Person's experience with comparable styles of mineralisation. Grade-tonnage curves were reviewed for the high-grade domains and the total model to assess grade continuity and sensitivity to alternative reporting cut-offs. No upper grade cuts were applied.

Classification Criteria

The Mineral Resource was classified as Measured, Indicated and Inferred in accordance with the guidelines of the JORC Code (2012). Classification considered the quality and reliability of drilling, sampling, assay, collar survey, density data, drillhole spacing, geological and grade continuity; variogram continuity; estimation pass and sample support; proximity to informing data; and confidence in the interpreted domain geometry.

Nominal 50 m by 50 m drilling within the central resource area, together with strong geological continuity and variogram ranges, supported Measured classification in the best-informed portions of the deposit, although the 50 m spacing was considered close to the Measured and Indicated confidence boundary.

Indicated classification was applied where geological and grade continuity remained well supported but estimation confidence was lower than in the Measured areas.

Inferred classification was applied to peripheral and less densely drilled areas where continuity was supported by the geological interpretation, but data spacing or estimation support was insufficient for higher-confidence classification.

Classification boundaries were reviewed in plan and section and regularised to avoid isolated or spurious classification blocks. The resulting classification appropriately reflects the Competent Person's view of the deposit

Mining and metallurgical methods and parameters

Proposed extraction is by open pit mining. Mining factors such as dilution and ore loss have not been applied to the Mineral Resource estimate.

The Company has completed several metallurgical programs using RC chips and PQ diamond core composites through 2025 and 2026 to establish an understanding of the metallurgical performance

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of the manganese and iron mineralisation from Wandanya to produce beneficiated manganese, DSO manganese and DSO iron products. An understanding of the crushing characteristics and grade/recovery relationships has been established through testwork programs based on simple density-based technologies[9].

The most recent manganese metallurgical testwork used blended feed composites around 30% Mn demonstrated strong potential for high-quality beneficiated products ranging between 38.5% Mn and 41% Mn with recoveries close to or over 80% through simple dense media processing.[10] Applied liquid densities are modest ranging between 2.8g/cm^3 and 3.0g/cm^3

Iron ore drop tower tests has produced a 74% lump product, grading 59.7% Fe confirming the potential for Direct Ship Ore (DSO).[11]

The product quality specifications have been established through the metallurgical testwork programs and there is confidence that the products will be sought after in the market. The manganese has a good Mn:Fe ratio, low Al, P and moderate Si content. The iron has low Al and P but elevated Si which may be offset with the premium paid for high lump content iron ores.

Further detailed metallurgical testwork is planned.

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[9] BCA ASX Announcement 17 March 2026 – Wandanya Metallurgical Results Demonstrate DSO Potential.
[10] BCA ASX Announcement 22 July 2026 - Wandanya Pilot Scale Dense Media Beneficiation Delivers a High-Grade 41% Mn product.
[11] BCA ASX Announcement 14 May 2026 – Wandanya Beneficiation Delivers High-Grade 40 – 45% Mn products.

Statement of Mineral Resources

The Mineral Resource reported at a cut-off grade of 12% Mn and 50% Fe for the Wandanya deposits is presented Table 9 and Table 10 respectively. This table conforms to guidelines set out in the JORC (2012). The manganese and iron JORC Classification outlines and grade distributions projected to surface are presented in Figures 10 to 17

Table 9. Summary of Manganese Mineral Resources for the Wandanya deposit 30 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	**Material (Mt)[2]**	**In Situ Mn (Mt)**	**BD (gcm^3)**	**Mn (%)**	**Fe (%)**	**SiO_2 (%)**	**Al_2O_3 (%)**	**P (%)**	**LOI (%)**
Measured	15.5	4.2	2.92	26.9	5.7	18.9	5.1	0.02	17.5
Indicated	6.3	1.4	2.97	22.9	3.4	15.8	4.3	0.02	25.3
Inferred	1.8	0.5	3.00	26.7	3.0	13.8	3.9	0.02	24.1
Grand Total	**23.6**	**6.1**	**2.94**	**25.8**	**4.9**	**17.7**	**4.8**	**0.02**	**20.1**

Notes to Table 9:
(1) Mineral resources reported at a **cut-off grade of 12% Mn**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 2 for further details.

Table 10. Summary of Iron Mineral Resources for the Wandanya deposit 29 September 2026

Summary of Mineral Resources [1-3]									
Mineral Resource Category	**Material (Mt)[2]**	**In Situ Fe (Mt)**	**BD (gcm^3)**	**Mn (%)**	**Fe (%)**	**SiO_2 (%)**	**Al_2O_3 (%)**	**P (%)**	**LOI (%)**
Measured	11.6	6.4	3.37	0.7	55.1	13.7	2.4	0.02	3.3
Indicated	0.8	0.4	3.37	0.7	51.5	16.1	2.2	0.03	4.6
Inferred	0.02	0.0	3.37	0.1	51.2	15.7	2.7	0.02	4.8
Grand Total	**12.5**	**6.8**	**3.37**	**0.7**	**54.9**	**13.8**	**2.4**	**0.02**	**3.4**

Notes to Table 10:
(1) Mineral resources reported at a **cut-off grade of 50% Fe**.
(2) Appropriate rounding has been applied.
(3) Refer to Appendix 1 JORC Table 1, Sections 1 to 3 and Appendix 3 for further details.

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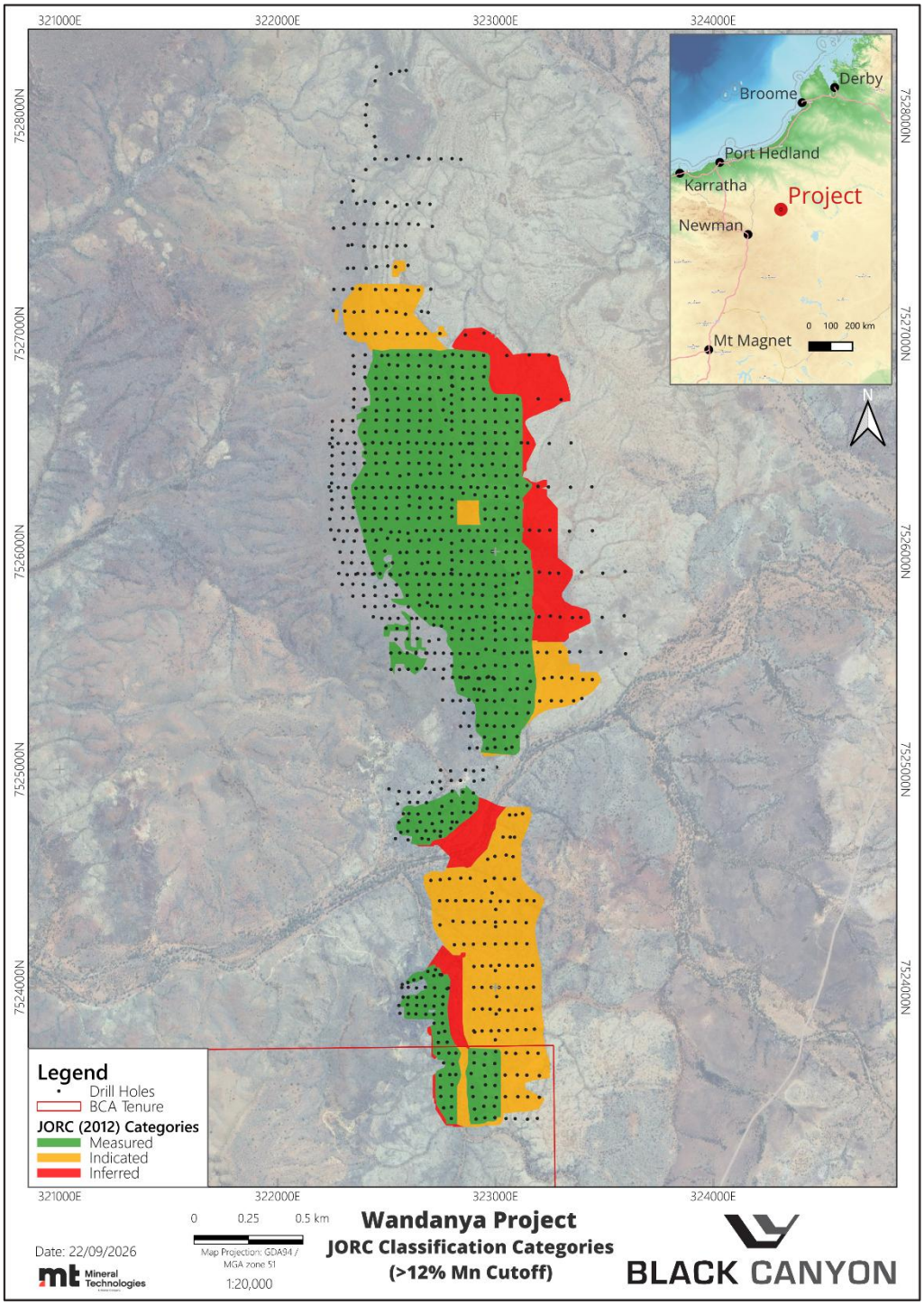

Figure 10. Wandanya manganese deposit JORC Mineral Resource Classification (12% Mn cut-off).

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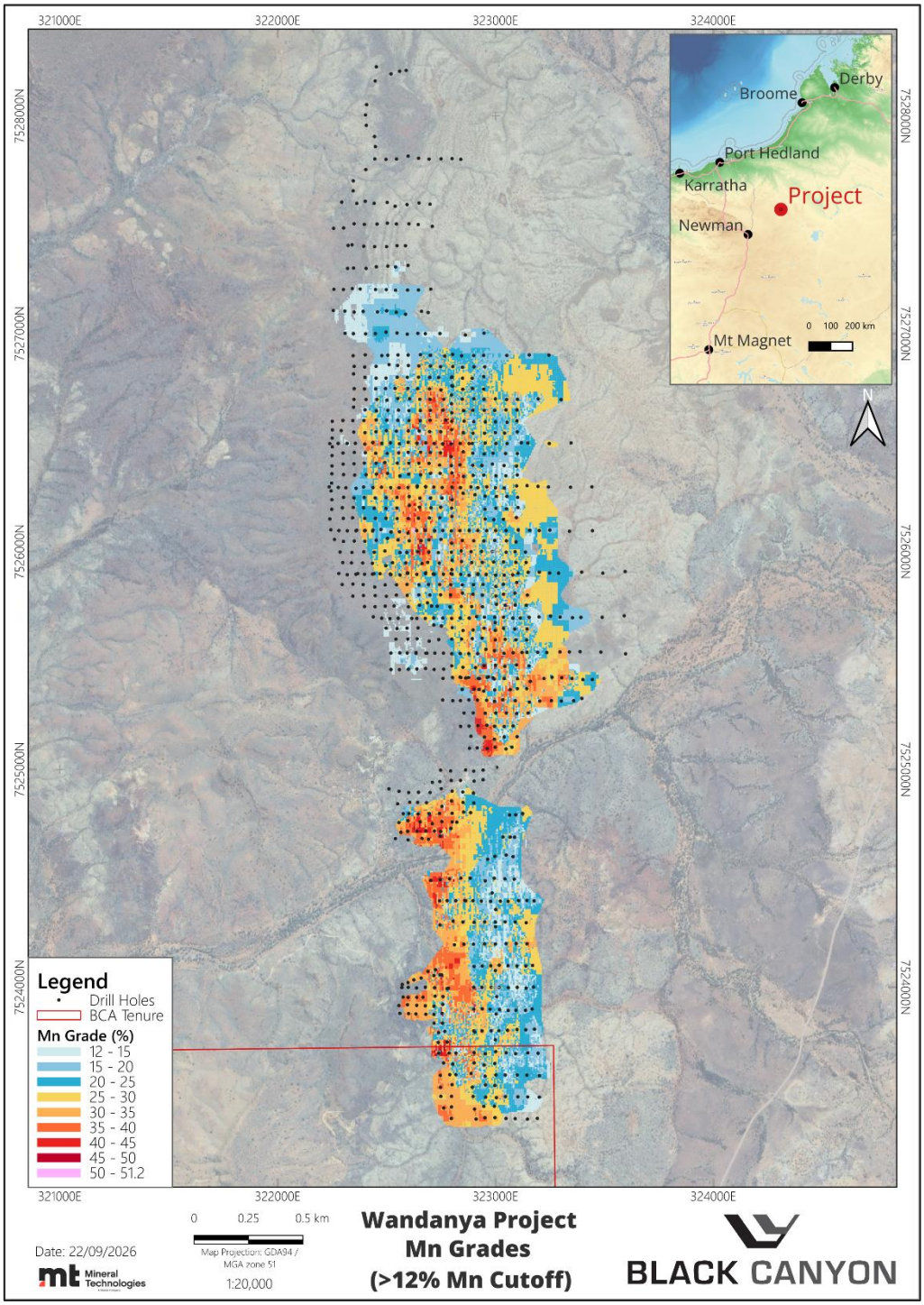

Figure 11. Wandanya deposit manganese grade distribution projected to surface (12% Mn cut-off).

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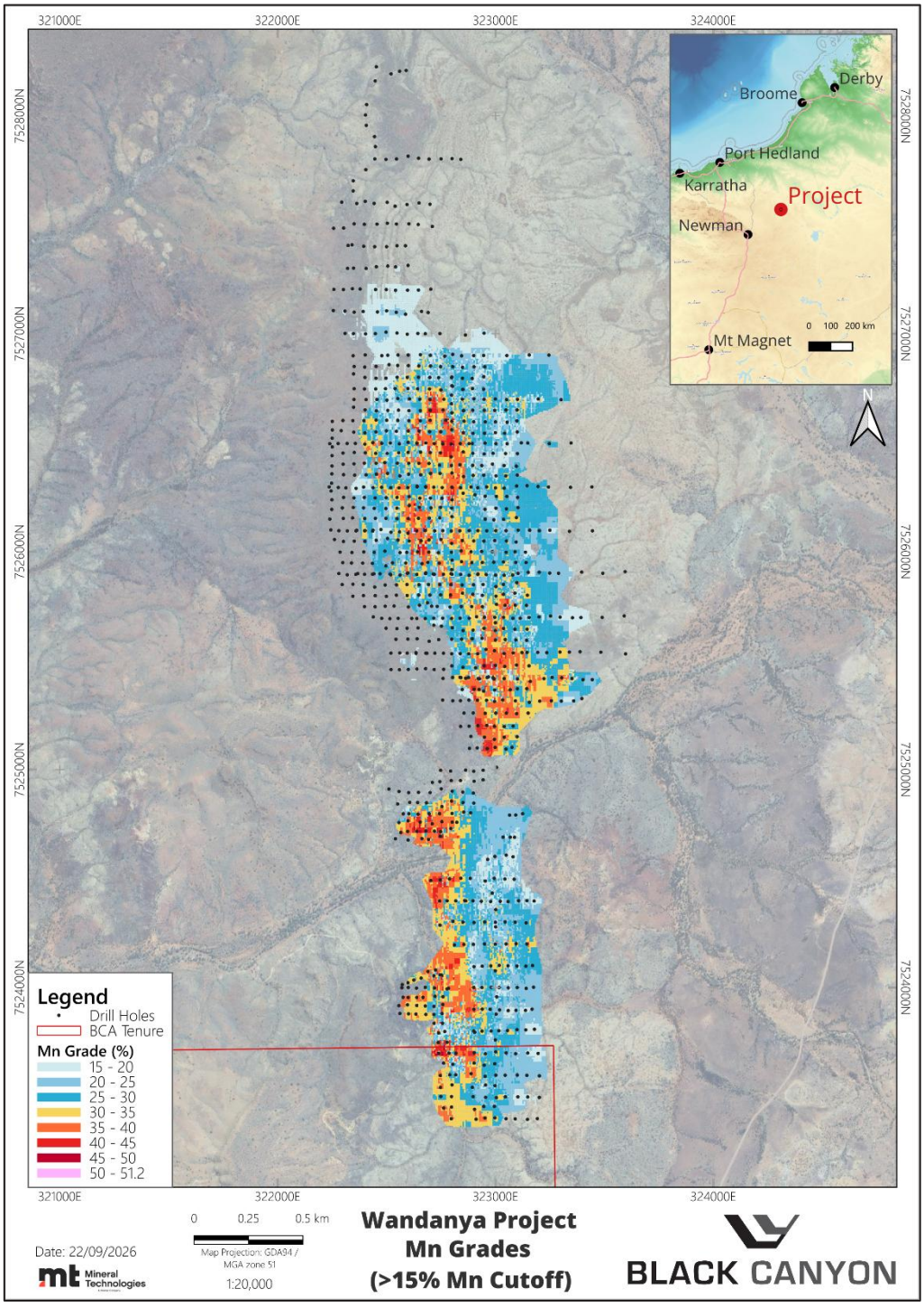

Figure 12. Wandanya deposit manganese grade distribution projected to surface (15% Mn cut-off).

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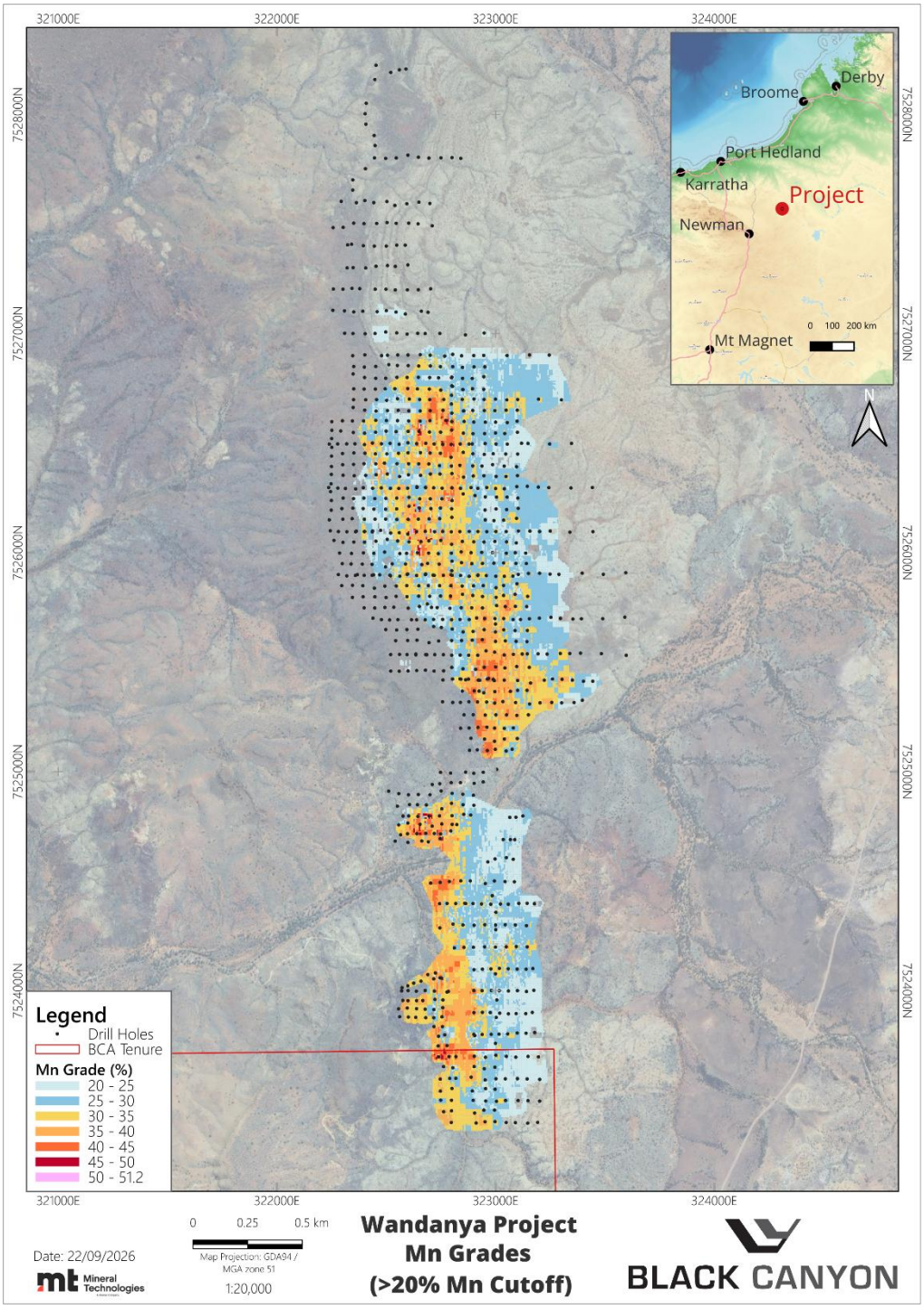

Figure 13. Wandanya deposit manganese grade distribution projected to surface (20% Mn cut-off).

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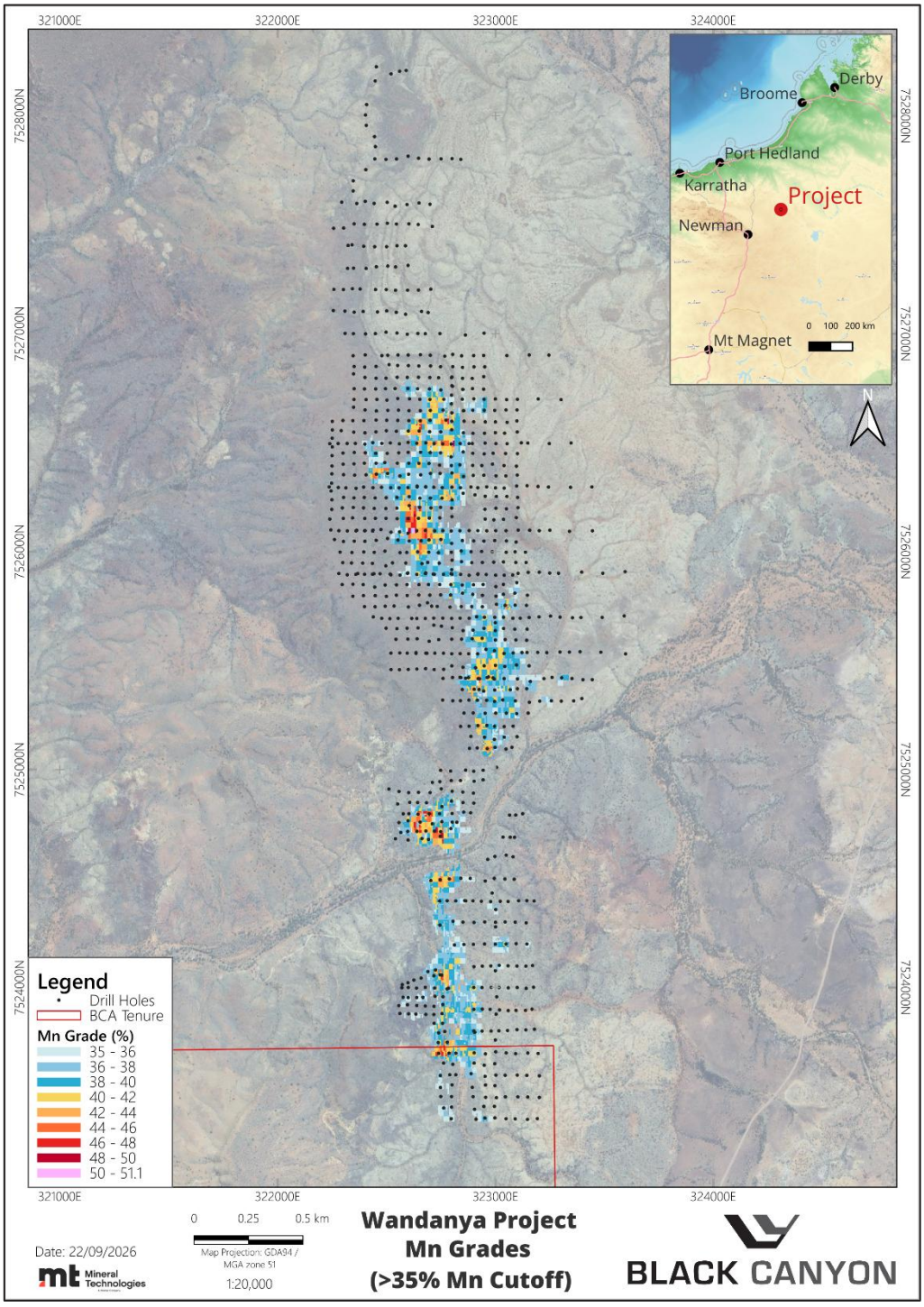

Figure 14. Wandanya deposit manganese grade distribution projected to surface (35% Mn cut-off).

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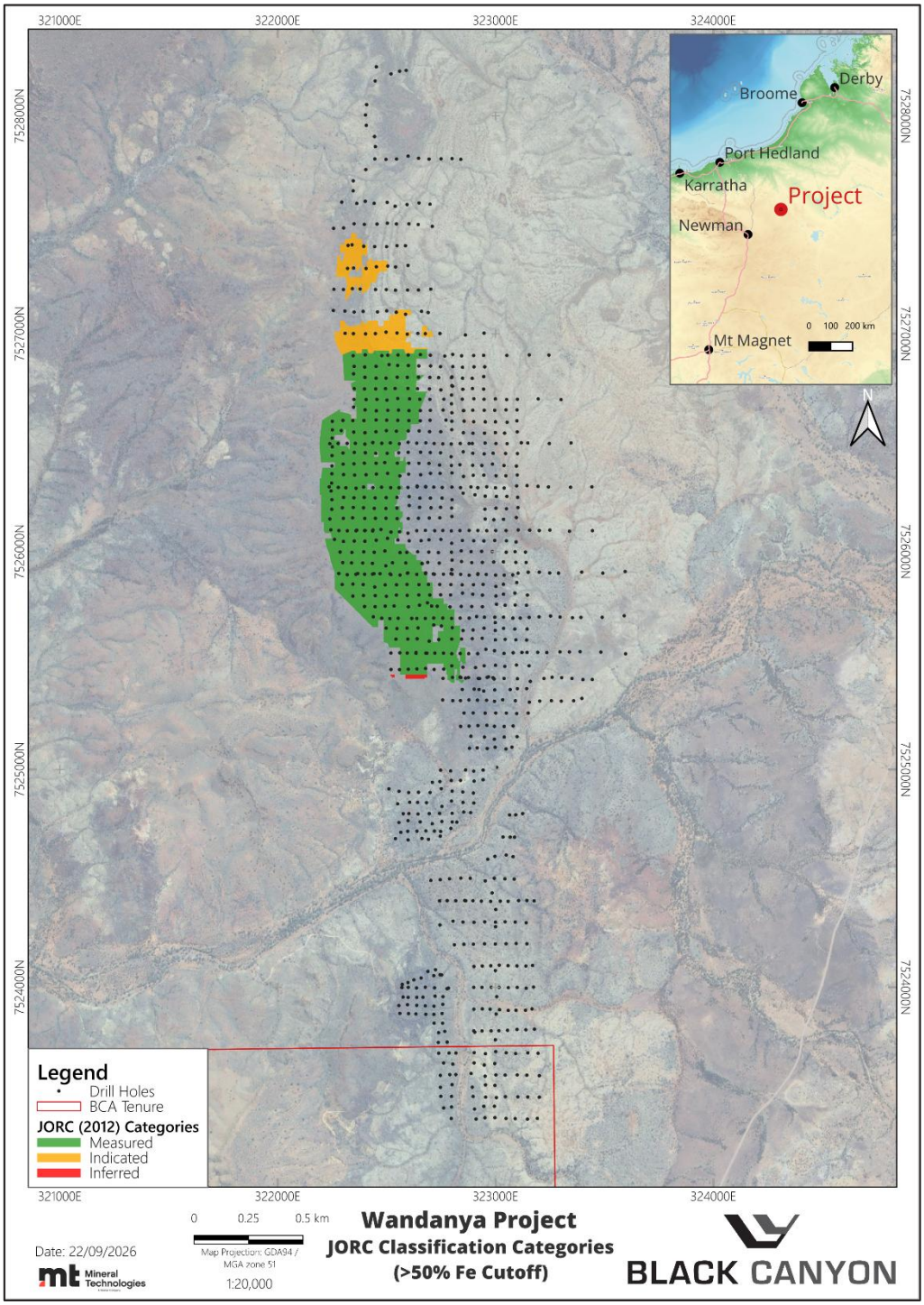

Figure 15. Wandanya iron deposit JORC Mineral Resource Classification (50% Fe cut-off).

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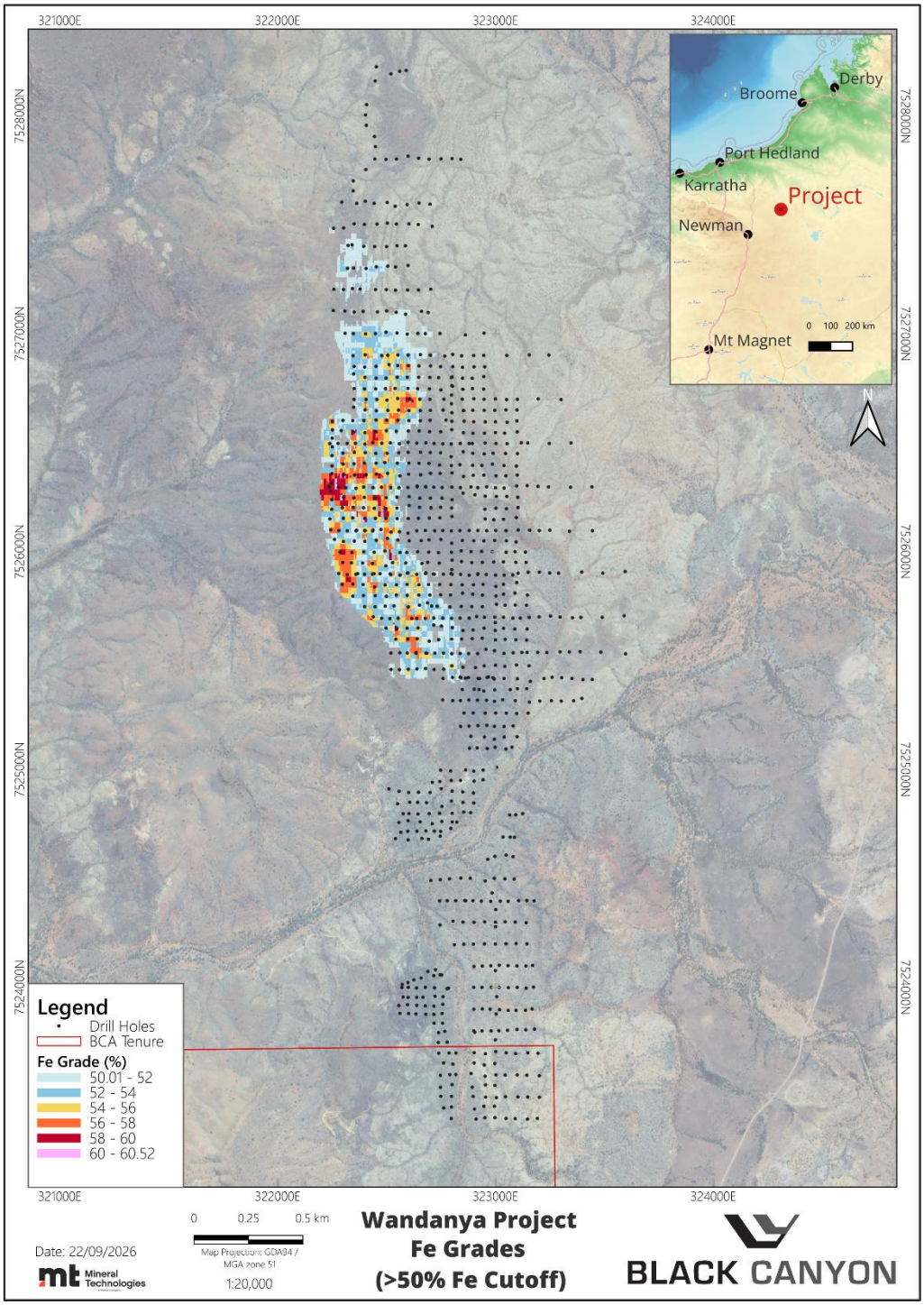

Figure 16. Wandanya deposit iron grade distribution projected to surface (50% Fe cut-off).

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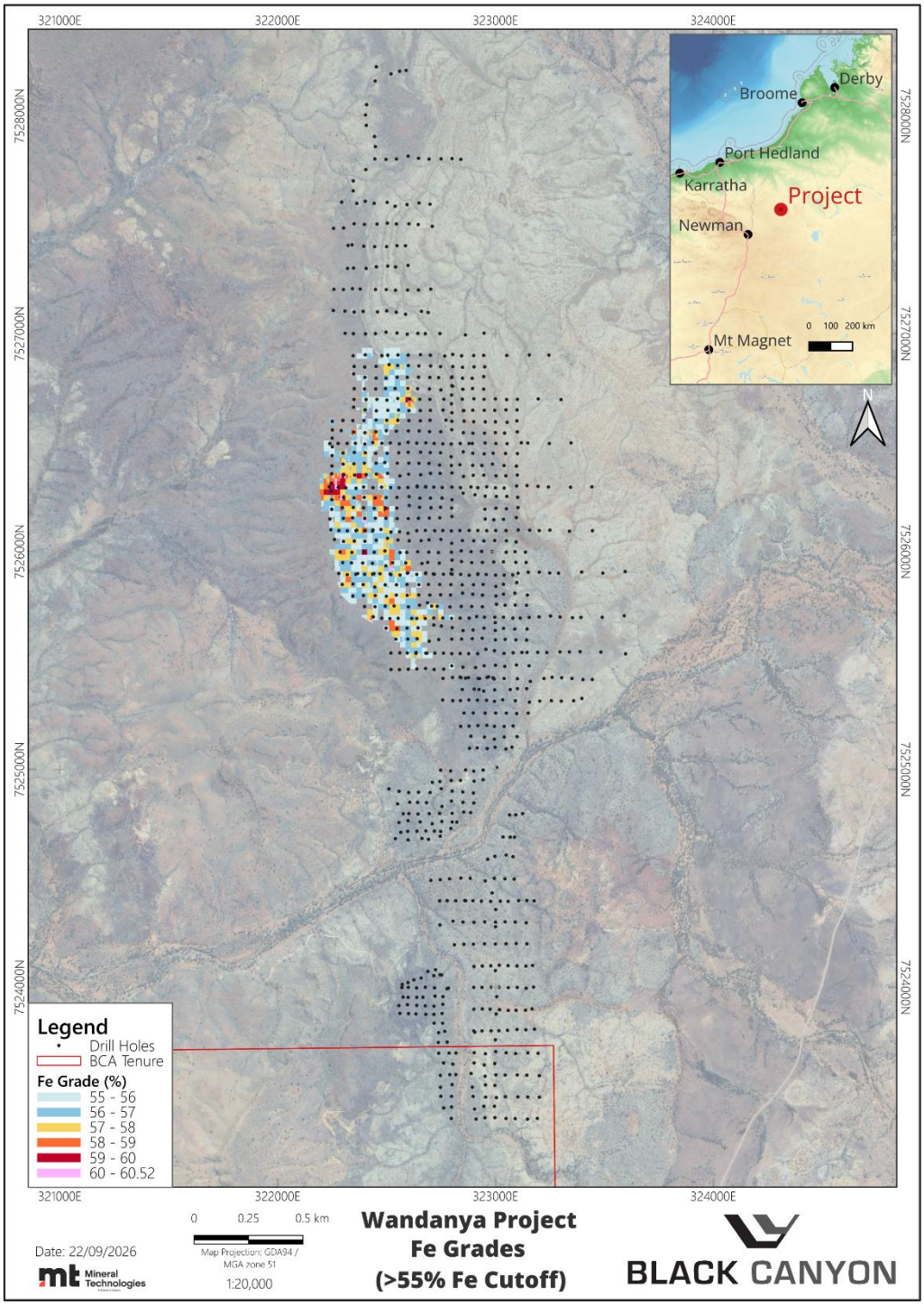

Figure 17. Wandanya deposit iron grade distribution projected to surface (55% Fe cut-off).

- ENDS -

This announcement has been approved by the Board of Black Canyon Limited.

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Compliance Statements

Reporting of Exploration Results and Previously Reported Information

The information in this report that relates to Exploration Results is based on, and fairly represents, information and supporting documentation reviewed by Mr Brendan Cummins, Managing Director of Black Canyon Limited. Mr Cummins is a member of the Australian Institute of Geoscientists, and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been 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". Mr Cummins consents to the inclusion in this release of the matters based on the information in the form and context in which they appear. Mr Cummins is a shareholder of Black Canyon Limited.

The information in this report that relates to Mineral Resources is based on, and fairly represents, information and supporting documentation prepared by Mr Greg Jones, (Consultant to Black Canyon and Head of Geology and Mining for Mineral Technologies). Mr Jones is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the style of mineralisation and type of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Jones consents to the inclusion in this report of the matters based on the information in the form and context in which they appear

For further information, please refer to ASX announcements dated 14 February 2023, 27 March 2023, June 1 2023, June 14 2023, June 17 2023, July 14 2023, 23 August 2023, 5 September 2023, 26 September 2023, 12 October 2023, 27 November 2023, 12 December 2023, 26 March 2024, and 1 May 2024, 2 July 2024, 21 August 2024, 25 September 2024, 27 September 2024, 8 October 2024, 18 October 2024, 14 November 2024, 27 November 2024, 4 December 2024, 23 December 2024 and 11 February 2025, 1 April 2025, 16 April 2025, 1 May 2025, 30 June 2025 7 July 2025, 7 August 2025, 27 August 2025, 1 September 2025, 8 October 2025, 28 October 2025 ,10 November 2025, 26 November 2025, 10 December 2025, 17 March, 2026, 8 April 2026, 14 April 2026, 14 May 2026, 1 July 2026, 7 July 202, 22 July 2026, 3 August 2026 and 12 August 2026 which are available from the ASX Announcement web page on the Company's website.

The Company confirms that it is not aware of any new information or data that materially affects the information included in this release that relate to Exploration Results and, in the case of mineral resource estimates, that all material assumptions and technical parameters underpinning the estimates in the relevant release continue to apply and have not materially changed.

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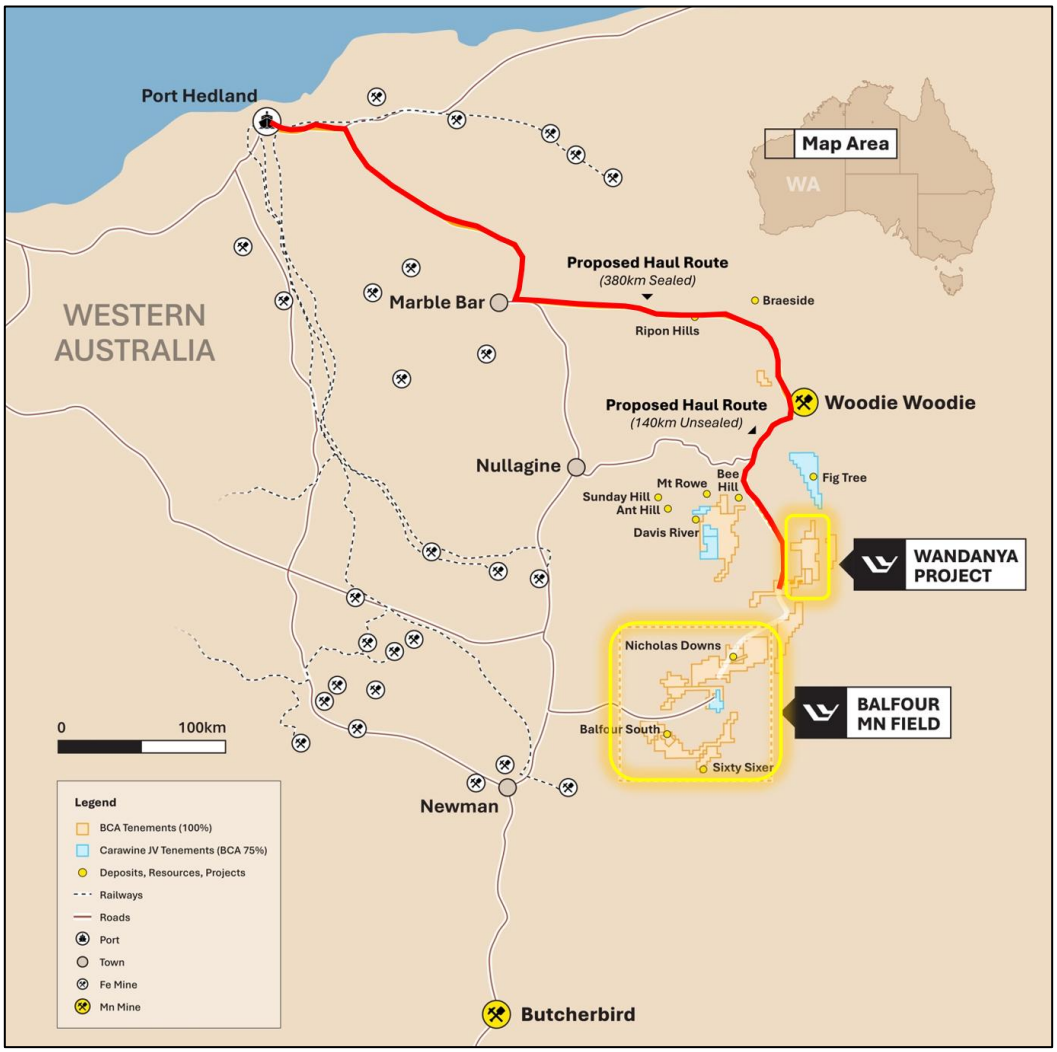
About Black Canyon

Black Canyon has consolidated a significant land holding over 2,000km^2 in the underexplored Balfour Manganese Field (BMF) and across the Oakover Basin, in Western Australia.

The Wandanya Project represents a new discovery on the eastern margin of the Oakover Basin comprising, stratabound high-grade manganese and high-grade iron with significant scale and grade potential. A Global Mineral Resource (Measured, Indicated & Inferred) of **23.6Mt @ 25.8% Mn** (12% Mn cut-off) defined at Wandanya with more than90% of this resource in the Measured and Indicated categories. The Company is focused on bringing Wandanya into production as a dual commodity operation and is completing a Scoping Study to understand the value potential of the asset.[12]

The Company also holds several exploration licenses 100% or under joint venture within the BMF. A Global Mineral Resource (Measured, Indicated & Inferred) of 315 Mt @ 10.5% Mn has been defined across the BMF projects with almost 87% of this resource in the Measured and Indicated categories.[13]

Manganese continues to have attractive long-term fundamentals where it is essential and non-substitutable in the manufacturing of alloys for the steel industry and a critical mineral in the cathodes of Li-ion batteries.



Black Canyon's Project Locations

[12] BCA ASX Announcement 30 September 2026 – Wandanya Maiden Mineral Resource Estimate 23.6Mt @ 25.8% Mn
[13] BCA ASX Announcement 22 October 2025 – KR2 Mineral Resource Estimate JORC Classification Upgrade

APPENDIX 1: JORC 2012: TABLE 1

Section 1 Sampling Techniques and Data

Criteria	Explanation	Comment
Sampling techniques	*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.* *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* *Aspects of the determination of mineralisation that are Material to the Public Report. 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.*	*Reverse circulation ('RC') was used as the primary drilling technique for the project.* *RC cuttings were continuously sampled at 1 m intervals. All drill holes were sampled and logged from surface to end of hole or depth of mineralisation.* *Drilling completed by Black Canyon has been used for the projects.* *All drill samples were logged for weathering, colour, lithology and mineralogy.).* *RC samples were collected and placed in marked green plastic bags in order at each collar position.* *The 1m interval samples are considered industry standard and representative of the material being tested.* *There was limited water encountered during the drill program.* *The drilling and sample techniques are considered representative for the style of mineralisation utilising 1m sample intervals* *The target sample weight was between 2-3kg which is appropriate for the style of mineralisation*
Drilling techniques	*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).*	*Black Canyon drilling was completed using RC technique at 90-degree angle to collect 1 m samples as RC chips. Drill diameter is 5.25 inches as per standard RC sizing. A face sampling hammer was used to drill and sample the holes.* *Impact Drilling was contracted for the 2025 and 2026 drill programs.*

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Criteria	Explanation	Comment
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.* *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.*	*The 2025 and 2026 drill campaign recorded satisfactory drill sample recovery. The sample weights were not recorded on site, but the samples were weighed once received at the laboratory. The samples weights show good overall recoveries with smaller samples weights recorded in the top 1-2m.* *During both drill programs 1m samples were collected from a levelled cone splitter affixed to the side of the drill rig.* *It is unlikely the lower weights encountered in the top 1 -2m of the holes has biased the samples particularly with the style of mineralisation.* *The samples were drilled mostly dry minimising sample bias*
Logging	*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.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* *The total length and percentage of the relevant intersections logged.*	*Geological logs exist for the Wandanya drill programs.* *Logging of individual 1 metre intervals was completed using logging code dictionary which recorded weathering, colour, lithology and observed commentary to assist with determining manganese mineralisation.* *Logging and sampling has been carried out to industry standards to a level sufficient to support Measured, Indicated and Inferred Mineral Resource Estimate.* *Drill holes were geologically logged in their entirety and a reference set of drill chips were collected in 20m interval chip trays for the drill programs.*

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Criteria	Explanation	Comment
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *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.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	*The 1m RC samples were gathered by using a levelled cone splitter of the side of the rig.* *The samples the subject of this release were submitted to ALS Chemex who dried the sample for 12 hrs and pulverised the entire sample until 85% passing 75µm. This method is considered appropriate to ensure sample representivity* *The samples were dominantly dry.* *Black Canyon inserted Certified Reference Material (CRM) at a rate of 1/50, blanks at a rate of 1/50 and field duplicates from the cone splitter at a rate of 1/50 for a total insertion rate of QA/QC materials at 6%* *The sub sampling technique and quality control procedures is considered appropriate to ensure sample representivity* *The sample size is considered appropriate for the grainsize and style of mineralisation*
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* *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.* *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	*The samples were submitted to the primary laboratory – ALS Chemex in Wangara, WA.* *The 2 – 3kg samples were weighed and dried prior to pulverising 100% of the sample 85% passing 75µm.* *The sample was then analysed using method ME-XRF26s and ME-GRA05 for manganese and chrome ores using fusion disc XRF for Fe, SiO2, Mn, Al2O3, TiO2, P2O5, S, MgO, K2O, CaO, Cr2O3, TiO2, Na2O and BaO.* *Loss on Ignition (LOI) was also measured by Thermo Gravimetric Analysis (TGA)* *.QA/QC was conducted by Black Canyon on all of the drill data by the following methods.* • *inserting 2 certified reference samples every 100* • *inserting 2 blanks every 100* • *conducting field duplicates at a rate of 2 in every 100* • *submitting a 200g pulped lab duplicate to a secondary laboratory for check XRF analysis at a rate of approximately 2 in every 100 samples for the 2023 drill program.* *A number of pulps at a rate of 1/50 were collected from the primary laboratory and submitted to a secondary laboratory for verification (Bureau Veritas) applying the same assay technique.* *The Company has reviewed the QAQC data and is satisfied that acceptable levels of precision and accuracy have been*

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Criteria	Explanation	Comment
		achieved through the sampling and assaying program and there is no evidence of bias. The data set is of a high standard and appropriate for use in Mineral Resource estimation. *The CP is satisfied that the analysis was completed to an acceptable standard in the context in which the results have been reported*
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.* *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* *Discuss any adjustment to assay data.*	*Validation of the drilling files (collar, assay and lithology) was undertaken by Mineral Technologies. Errors that were noted were corrected and discussed with Black Canyon Ltd.* *Adjustment of elemental oxides to primary element was completed using well known conversion factors outlined by ALS.* *There has been no adjustment to the assay data*
Location of data points	*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.* *Specification of the grid system used.* *Quality and adequacy of topographic control.*	*For the mineral resource estimate all of the hole collars have been located using a DGPS with an accuracy of 10mm x/y and 100mm z.* *Grid system used is GDA94 / UTM zone 51S.* *A LIDAR survey was also undertaken and the drill collars where tied back to the digital terrain model.* *Mineral Technologies deems all drill collar positions within the project areas to be satisfactory at this stage of exploration and to support the Mineral Resource estimate as reported.*

Criteria	Explanation	Comment
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *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.* *Whether sample compositing has been applied.*	*The 2026 resource definition drilling completed at Wandanya was conducted via a graticular 50 x 50m or 50 x 100m or 50 x 200m grid spacing* *The drill spacing is sufficient to establish grade and geological continuity for use in the estimation of mineral resources* *Variography has demonstrated current drill spacing supports Measured/Indicated and Inferred Mineral Resource classification.* *No sample compositing has been applied.*
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *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.*	*At drill lines were oriented east-west across the strike of the primary mineralisation trend. The drill holes were completed at 90 degrees (vertical).* *At Wandanya the mineralisation is relatively flat lying exhibiting a gentle dip to the east.* *The drill grid is assumed to be located both perpendicular to the planar orientation of the key mineralised horizon with no or limited bias introduced with respect to the strike or dip of the mineralised horizon.*
Sample security	*The measures taken to ensure sample security.*	*The samples were collected into bulka bags, sealed with cable ties and stored on site* *On a regular basis the samples were then trucked to Newman and then delivered directly to ALS Chemex in Wangara.* *The bulka bags were inspected and audited by ALS Chemex who did not report any suspicious or tampered samples.*
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	*Senior Black Canyon geological personnel have reviewed the data prior to use in the Mineral Resource estimate. No independent audits have been undertaken as they are not considered to be necessary at this stage.*

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Section 2 Reporting of Exploration Results		
Criteria	**Explanation**	**Comment**
Mineral tenement and land tenure status	*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.* *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.*	*The Wandanya mineralisation is located within E46/1407 held 100% by Black Canyon Ltd. Tenement E46/1407 was granted on the 11/04/2022 and expires on 10/04/2027* *The Wandanya mineralisation is located within E46/1571 held 100% by Ndalamo Platinum Pty Ltd that is wholly owned 100% by Black Canyon Ltd. Tenement E46/1571 was granted on the 15/10/2025 and expires on 14/10/2030* *The tenements upon which Wandanya is located are subject to a native title agreements with the Karlka Nyiyaparli Aboriginal Corporation. Multiple site avoidance Archaeologic and Ethnographic heritage surveys have been completed on the Wandanya deposits which has enabled the drilling to be completed. Further Heritage surveys will be required to continue ground disturbing activities beyond the current drill areas.* *There are no other known impediments to obtaining a licence to operate in the area.*
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	*No other material historic exploration has been completed on the tenement specifically for manganese on E46/1407 and E46/1571.* *For Wandanya Black Canyon completed a ground reconnaissance exercise in 2023/2024 to map the manganese enrichments and determine down dip upside. The exercise proved significant manganese enrichment throughout the project areas both as outcropping, sub-cropping and as substantial float material. The early reconnaissance groundwork by Black Canyon was used as a basis for the 2023 DDIP survey and the September 2024, June 2025 RC, August 2025 and April-June 2026 drilling programmes.*
Geology	*Deposit type, geological setting and style of mineralisation.*	*The mineralisation model at Wandanya is preliminary but it appears to be a stratabound deposit. There is likely supergene overprint to the original primary manganese carbonate mineralisation.* *The mineralisation is located within a sedimentary sequence. From the base to the top of the sequence the geology comprises footwall dolomite, spotted manganese dolomite, massive manganese and manganese dolomite breccia overlain by hangingwall dolomite. The consistency of the mineralisation down dip and along strike has been interpreted to represent stratabound style of manganese mineralisation. Goethite alteration is common above the manganese zone and hematite was logged within the mineralised zones as jaspilitic bands. Manganese intensity increases towards the base of the sequence. The primary manganese carbonate has been identified from its physical characteristics as dominantly red-brown rhodochrosite. The manganese oxide minerals comprise combinations of psilomelane, cryptomelane, pyrolusite and manganite based on physical and chemical characteristics. More detailed mineralogical analysis is underway but was not available at the time of reporting the Mineral Resource*

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Criteria	Explanation	Comment
		estimate. The iron mineralisation is dominated by hematite with secondary goethite and limonite. *The overall geological sequence is dipping very shallowly to the east but is also openly folded with a northerly axial plane forming gently undulating outcrops. Several large north-easterly dextral faults can be identified along strike associated with surface mineralisation.* *The hematite iron mineralisation appears to be a thicker up dip lateral equivalent of the manganese.* *The lithological sequence of the Wandanya project principally consists of the overlying Enachedong Formation carbonates overlying the Stag Arrow Formation sediments from the Proterozoic Manganese Group of the southern Oakover Basin. The mineralisation style at Wandanya is stratabound and maybe associated with primary manganese and iron carbonate horizons being deposited in a shallow marine setting that has been subsequently oxidised and supergene enriched in the near surface environment.* *Faults and structure are considered important features of this style of mineralisation as possible conduits for the manganese rich fluids with multiple northeast trending faults visible from surface imagery.*
Drill hole Information	*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:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.* *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.*	*See drill hole location plans in in main body of the release.* *A complete listing of drill holes and their corresponding coordinates, elevation and depth and composited drill results using a cut-off grade of 15% Mn and 50% Fe are listed in Appendix 2 and 3 respectively.*

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Criteria	Explanation	Comment
Data aggregation methods	*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.* *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.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	*No grade cutting to assays has been undertaken.* *Aggregation of samples has been undertaken using simple average calculations for each 1m sample.* *Manganese intervals have been reported at 12% Mn cut off allowing 1m internal dilution.* *Iron intervals have been reported at 50% Fe cut off allowing 1m internal dilution.* *Assays have been reported as elements*
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *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').*	*The Wandanya Prospect is mostly flat lying exhibiting a gentle dip of mineralisation to the east (4 to 6°) and 90° (vertical) drill holes are considered appropriate.* *The drill results reported are interpreted to represent close to true widths of the mineralisation and are reported as down hole length.*
Diagrams	*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.*	*Refer images within the body of this release for further details.*
Balanced reporting	*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.*	*Exploration results are not being reported.*
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical*	*No other substantive exploration has been completed at Wandanya by other exploration parties* *Black Canyon has completed mapping, rock chip sampling, 4 RC drill programs, 1 diamond drill program (PQ3) and several metallurgical test programs.*

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Criteria	Explanation	Comment
	survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	*The Company has also completed multiple Heritage Surveys, Flora/vegetation and Fauna surveys.* *A DGPS collar pick up and LIDAR survey has been completed for the Mineral Resource Estimate.* *Down hole density measurements have been collected for the Mineral Resources estimate and compared to density measurements completed on PQ3 core samples (Immersion Method)* *Gravity surveys have commenced in mid-July 2026 to detect deeper buried mineralisation associated with the underlying sedimentary sequences.*
Further work	*The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	*Further diamond core drilling and potentially small pits are being considered to generate bulk sample for further detailed metallurgical testwork.* *Additional study and testwork is required to delineate a suitable process water supply* *Black Canyon will be undertaking feasibility related studies on developing the Balfour Mn Projects which includes further metallurgical testwork to be followed by process equipment selection, design and engineering studies.* *The Company intends to lodge tenure required to support the operation including miscellaneous and mining licences.*

Section 3 Estimation and Reporting of Mineral Resources

Criteria	Explanation	Comment
Database integrity	*Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* *Data validation procedures used.*	*Exploration data was provided by the Company to Mineral Technologies in the form of Excel datasheets relating to collar, lithology and assay data,* *Geological interpretations also provided by the Company to Mineral Technologies in the form of PowerPoint presentations for the Wandanya deposit.* *Black Canyon Limited supplied the Mineral Resource database as digital collar, assay, geological logging, density and supporting survey files. Mineral Technologies imported the data into Datamine Studio RM and completed validation checks prior to geological interpretation and estimation.* *Checks included drillhole identifier consistency, duplicate collars, coordinate and elevation ranges, interval gaps and overlaps, negative or zero-length intervals, intervals extending beyond end-of-hole, missing assay values, field formats and out-of-range assay values.* *Drillholes, assays, geological logging and survey information were also reviewed visually in plan, section and three-dimensional views against the supplied topography and geological interpretations. DGPS collar coordinates were adopted for the final drillhole build and checked against the LiDAR-derived topographic surface.* *No material database issues were identified that would preclude use of the data for Mineral Resource estimation*

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Criteria	Explanation	Comment
Site visits	*Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* *If no site visits have been undertaken indicate why this is the case.*	*Black Canyon Limited has completed a number of site trips between 2023 - 2026 to manganese targets at Wandanya to map and visually inspect the drill targets. The Company managed and supervised the September 2024, June 2025 RC, August 2025 and April-June 2026 drill programmes.* *This was completed by the Managing Director Mr Cummins who is a current member of the AIG. Mr Cummins is the Competent Person for the Exploration Results used as a basis for the Mineral Resource estimate. Mr Cummins conducted multiple site trips in 2024, 2025 and 2026 and was directly involved in the RC drill program in September 2024, June 2025 and August 2025. His last trip to site was on between the 14 Sept to 21 Sept 2026.* *Mineral Technologies completed a detailed review of the available drilling, geological logging, assay, density, survey, LiDAR, core photography, drill chip photography, metallurgical and supporting technical datasets. Regular technical consultation was maintained with Brendan Cummins, Managing Director of Black Canyon Limited* *A future site visit by Mineral Technologies personnel is planned to support ongoing project evaluation and future Mineral Resource updates. Based on the information reviewed, the Competent Person considers that the absence of a site visit does not materially affect the reliability of the Mineral Resource estimate.*
Geological interpretation	*Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* *Nature of the data used and of any assumptions made.* *The effect, if any, of alternative interpretations on Mineral Resource estimation.* *The use of geology in guiding and controlling Mineral Resource estimation.* *The factors affecting continuity both of grade and geology.*	*The geological interpretation was completed by Mineral Technologies using geological logging, assay data, drill chip and core photography, interpreted drill sections, surface mapping and the observed stratigraphic relationships between manganese and iron mineralisation.* *Mineralisation is shallow dipping and stratabound, with strong continuity of geological sequence and grade demonstrated by drilling on nominal 50 m by 50 m spacing within the principal resource area. Separate implicit wireframes were developed for the principal iron, manganese oxide and manganese carbonate domains.* *The interpreted domains comprise Zone 1 background dolomite; Zone 2 high-grade Fe; Zones 3 and 4 lower-grade Fe halo and transition material; Zone 42 high-grade Mn oxide; Zones 43 and 44 lower-grade Mn oxide halo material; Zone 45 high-grade Mn carbonate; and Zone 200 basement.* *Geological contacts and grade thresholds were used together to guide the interpretation. The Mn oxide and Mn carbonate domains were separated to reflect their distinct geological, density and metallurgical characteristics. Interpretation was constrained by drilling and surface control strings, with conservative extrapolation beyond drill support and in areas of reduced drilling density.* *Alternative interpretations would principally affect local domain boundaries and volumes near the margins of drilling; however, the broad stratigraphic continuity and geometry of the mineralised horizons are considered well established.*

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Criteria	Explanation	Comment
Dimensions	*The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	*The Mineral Resource occupies a shallow, gently east-dipping mineralised system within the central Wandanya resource definition area.* *The modelled mineralisation extends for approximately 3.5 km along strike and up to approximately 800 m across strike. Mineralisation occurs from surface or shallow subcrop and extends to approximately 50 m below surface in the deeper eastern portions of the model. Both the manganese and iron domains remain open beyond portions of the current drilling limits and form part of a broader mineralised trend interpreted over approximately 9 km..*
Estimation and modelling techniques	*The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* *The assumptions made regarding recovery of by-products.* *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).* *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* *Any assumptions behind modelling of selective mining units.* *Any assumptions about correlation between variables.* *Description of how the geological interpretation was used to control the resource estimates.*	*The Mineral Resource estimate was completed by Mineral Technologies Geology & Mining using Datamine Studio RM. Geological interpretation and grade estimation were undertaken within hard-boundary geological domains developed from the final three-dimensional implicit wireframe interpretation. The domains comprise the principal iron, manganese oxide, manganese carbonate and waste lithological units and were used to constrain all grade interpolation.* *Drillhole sampling was completed predominantly at 1 m intervals and the 1 m sample support was retained for estimation. Statistical analysis of Mn, Fe and associated elements and oxides was completed by domain to assess grade distributions, continuity and suitability for geostatistical estimation. No grade top-cuts were applied because review of the domain distributions did not identify isolated extreme values considered likely to materially bias the estimate.* *A block model with parent cell dimensions of 25 m by 25 m by 1 m (X, Y and Z) was selected to complement the dominant 50 m by 50 m resource definition drill spacing. Parent cells were subdivided using four splits in the X and Y directions to provide higher resolution at domain contacts and appropriately represent the shallow dip and local geometry of the mineralised horizons. Grade estimation was completed at the parent-cell scale.* *Directional variography was completed for Mn and Fe within the principal mineralised domains. Variogram orientations and anisotropy were used to support the search orientation, estimation strategy and Mineral Resource classification* *Grades were interpolated using Ordinary Kriging within hard domain boundaries. Six estimation parameter passes were used to populate Mn, Fe and the associated elements and oxides within the block model. Search ellipsoid orientation was controlled dynamically using modelled trend fields representing dip direction, plunge and dip, thereby aligning sample selection with the local geometry of the mineralised horizons.* *The base search dimensions were 200 m by 400 m by 20 m along the three search axes. The first search used a minimum of three and maximum of 16 samples. A second search used twice the base search volume and retained a minimum of three and maximum of 16 samples. A third search used ten times the base search volume and reduced*

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Criteria	Explanation	Comment
	Discussion of basis for using or not using grade cutting or capping. *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	*the minimum requirement to one sample, with a maximum of 16 samples. Octant searching was applied, requiring at least one informed octant, with a minimum of one and maximum of eight samples accepted from an octant. A maximum of one sample was selected from each drillhole to reduce clustering and local over-reliance on individual holes.* *The geological interpretation was the primary control on estimation. Separate Mn oxide, Mn carbonate and Fe domains were estimated independently to honour the observed geological controls, mineralogical differences and grade distributions. No assumptions were made regarding recovery of by-products. Mn, Fe and the principal associated chemical variables required for product-quality and deleterious-element assessment were estimated independently within the relevant domains.* *Model validation comprised visual comparison of estimated grades against informing drillhole data in plan and section, comparison of sample and block model statistics by domain, swath plots and review of grade-tonnage relationships. Validation indicated that the block model reasonably reproduces the global grade characteristics and broad spatial distribution of Mn and Fe mineralisation, with the expected degree of smoothing associated with block estimation. No production or reconciliation data are available because the deposit has not been mined.*
Moisture	*Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	*Tonnages were estimated on assumed dry basis. No account has been made nor current test work completed to determine moisture.*
Cut-off parameters	*The basis of the adopted cut-off grade(s) or quality parameters applied.*	*The manganese Mineral Resource was reported at a cut-off grade of 12% Mn and the iron Mineral Resource was reported at a cut-off grade of 50% Fe. The selected reporting cut-offs reflect the observed grade continuity, current metallurgical understanding, potential for direct shipping and beneficiated products, grade-tonnage curve analysis and the Competent Person's experience with comparable styles of mineralisation. Grade-tonnage curves were reviewed for the high-grade domains and the total model to assess grade continuity and sensitivity to alternative reporting cut-offs. No upper grade cuts were applied.*
Mining factors or assumptions	*Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when*	*The geometry, shallow depth and subcropping nature of the mineralisation are considered amenable to conventional open-pit mining methods.* *No detailed mine design, minimum mining width, dilution or ore loss parameters were applied to the Mineral Resource estimate.* *The interpreted geological domains and block model resolution were selected to represent the scale and continuity of the mineralisation and to support future open-pit evaluation.* *Material beneath active drainage or creek corridors may be subject to environmental, permitting and practical*

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Criteria	Explanation	Comment
	estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	*extraction constraints and may be excluded or sterilised during future mine planning where appropriate.* *However, the assumptions applied are considered sufficient to demonstrate reasonable prospects for eventual economic extraction at the current level of study*
Metallurgical factors or assumptions	*The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	*Metallurgical testwork has been completed on representative PQ3 diamond core composites from the Wandanya Project. Heavy liquid separation testwork demonstrated that blended manganese feeds could be upgraded to products exceeding 40% Mn using density-based beneficiation, with reported recoveries generally between 73% and 82%.* *Pilot scale Dense media separation (DMS) test work has also been completed with the following results:* • *Blend 1: feed grade of 32.4% Mn upgraded to 41.0% Mn at a 2.8 g/cm3 density* • *Blend 2: feed grade of 29.4% Mn upgraded to 38.5% Mn at a 2.8 g/cm3 density.* *Mn recoveries for Blends 1 and 2 ranged between 82% and 80% with low penalty elements associated with the beneficiated Mn products* *Testwork also indicated potential for direct shipping manganese products from higher-grade material and production of beneficiated products from lower and medium-grade feeds.* *Iron ore drop-tower testwork produced a high proportion (75%) of lump product grading approximately 59.7% Fe, supporting potential direct shipping iron products.* *The manganese oxide and manganese carbonate domains were modelled separately to recognise their different mineralogical and potential processing characteristics.* *No metallurgical recovery factors were applied directly to the Mineral Resource estimate.* *The available testwork is considered sufficient to support reasonable prospects for eventual economic extraction; however, additional variability and larger-scale testwork is recommended as the Project advances.*
Environmental factors or assumptions	*Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing*	*No detailed assumptions regarding waste rock or process residue disposal were incorporated into the Mineral Resource estimate.* *Baseline environmental and heritage investigations have commenced, including flora and vegetation surveys and archaeological and ethnographic heritage surveys across areas of exploration activity.*

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Criteria	Explanation	Comment
	operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	*No material environmental or land access constraints have been identified that would preclude reporting of the Mineral Resource.* *Active drainage and creek corridors may require exclusion buffers or specific management during future mine planning and approvals.* *Further environmental, heritage, hydrological and permitting studies will be required as part of subsequent project evaluation.*
Bulk density	*Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.* *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	*Bulk density was assessed using two independent datasets: continuous downhole short-spaced density (SSD) logging and core immersion measurements completed on selected PQ3 diamond core samples.* *The SSD dataset provided substantially greater spatial coverage, while the core immersion measurements were considered the higher-confidence reference method.* *SSD measurements were reviewed against caliper logs and core photography. Local low-density responses commonly coincided with enlarged borehole diameters and friable, fractured or altered manganese material, indicating that borehole conditions influenced portions of the downhole response.* *SSD and core immersion populations were compared by geological domain and domain-specific calibration factors were applied where statistically supported.* *The calibrated SSD data retained the spatial coverage of the downhole dataset while reconciling the domain means to the core immersion measurements.* *Grade-density regression was also tested, but no sufficiently robust relationship was identified to support density determination from Fe or Mn grade alone.* *Final dry bulk density values were derived from calibrated SSD measurements coded using the final block model domain boundaries.* *The adopted average dry densities were: Zone 1, 2.759 t/m3; Zone 2, 3.369 t/m3; Zone 3, 3.102 t/m3; Zone 4, 2.615 t/m3; Zone 42, 2.945 t/m3; Zone 43, 2.658 t/m3; Zone 44, 3.378 t/m3; Zone 45, 3.142 t/m3; and Zone 200, 2.696 t/m3.* *Density was assigned to the block model by geological domain*

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Criteria	Explanation	Comment
Classification	*The basis for the classification of the Mineral Resources into varying confidence categories.* *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).* *Whether the result appropriately reflects the Competent Person's view of the deposit.*	*The Mineral Resource was classified as Measured, Indicated and Inferred in accordance with the guidelines of the JORC Code (2012). Classification considered the quality and reliability of drilling, sampling, assay, survey and density data; drillhole spacing; geological and grade continuity; variogram continuity; estimation pass and sample support; proximity to informing data; and confidence in the interpreted domain geometry.* *Nominal 50 m by 50 m drilling within the central resource area, together with strong geological continuity and variogram ranges, supported Measured classification in the best-informed portions of the deposit, although the 50 m spacing was considered close to the Measured and Indicated confidence boundary.* *Indicated classification was applied where geological and grade continuity remained well supported but estimation confidence was lower than in the Measured areas.* *Inferred classification was applied to peripheral and less densely drilled areas where continuity was supported by the geological interpretation but data spacing or estimation support was insufficient for higher-confidence classification.* *Classification boundaries were reviewed in plan and section and regularised to avoid isolated or spurious classification blocks. The resulting classification appropriately reflects the Competent Person's view of the deposit*
Audits or reviews.	*The results of any audits or reviews of Mineral Resource estimates.*	*The Mineral Resource estimate and supporting geological, density, variography, estimation and classification work were internally reviewed by Greg Jones (Mineral Technologies Employee), Head of Geology & Mining and Competent Person for the Mineral Resource estimate.* *Black Canyon Limited also reviewed the geological interpretations, draft block model, grade-tonnage curves and reporting outputs.* *No independent external audit of the maiden Mineral Resource estimate has been completed.*
Discussion of relative accuracy/ confidence	*Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative*	*The relative accuracy and confidence of the Mineral Resource estimate are reflected in the assigned Measured, Indicated and Inferred classifications.* *Confidence is highest within areas of nominal 50 m by 50 m drilling where geological contacts, grade continuity, density support and variogram continuity are well established.* *Confidence decreases toward the margins of drilling, across areas of reduced drill support and where domain geometry is less directly constrained.* *Validation comprised visual review, statistical comparison of input and estimated grades, swath plots and grade-tonnage analysis.* *These checks indicated that the block model reasonably reproduces the global grade characteristics and broad*

Criteria	Explanation	Comment
	accuracy and confidence of the estimate. *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	*spatial trends of the informing data, with the expected smoothing associated with block estimation.* *The Mineral Resource is considered a global estimate, with local estimates subject to greater uncertainty at the scale of individual blocks.* *No production data are available for reconciliation because the deposit has not been mined.*

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APPENDIX 2: WANDANYA MANGANESE DEPOSIT SUMMARY DRILL HOLE COMPOSITES (>12% Mn)

Hole ID	E_GDA94	N_GDA94	RL	EOH	DIP	AZIMUTH	Drill Intersection
WDRC002	322600	7524002	407	20	-90	360	1m @ 22.6% Mn from 0m
WDRC005	322720	7524000	400	20	-90	360	5m @ 31.1% Mn from 0m
WDRC007	322784	7523999	391	40	-90	360	6m @ 31.4% Mn from 6m
WDRC009	322601	7523882	410	20	-90	360	1m @ 36.7% Mn from 0m
WDRC010	322635	7523880	408	20	-90	360	2m @ 30.5% Mn from 0m
WDRC011	322681	7523879	405	20	-90	360	1m @ 35.6% Mn from 0m
WDRC013	322755	7523882	398	20	-90	360	6m @ 29.2% Mn from 2m
WDRC014	322757	7523838	395	20	-90	360	4m @ 26.3% Mn from 5m
WDRC017	322596	7523923	410	12	-90	360	1m @ 32.8% Mn from 0m
WDRC018	322639	7523920	408	12	-90	360	1m @ 36.3% Mn from 0m
WDRC019	322678	7523917	405	12	-90	360	2m @ 28.5% Mn from 0m
WDRC020	322718	7523916	402	12	-90	360	1m @ 20.9% Mn from 0m
WDRC021	322759	7523924	395	20	-90	360	4m @ 34.6% Mn from 5m
WDRC023	322599	7523956	409	12	-90	360	1m @ 38.2% Mn from 0m
WDRC024	322639	7523956	407	12	-90	360	1m @ 31.5% Mn from 0m
WDRC025	322667	7523957	405	12	-90	360	1m @ 40.8% Mn from 0m
WDRC026	322723	7523962	400	12	-90	360	3m @ 30.9% Mn from 0m
WDRC027	322759	7523960	395	20	-90	360	5m @ 30.2% Mn from 4m
WDRC030	322626	7524036	406	12	-90	360	2m @ 29.9% Mn from 0m
WDRC031	322717	7524056	397	20	-90	360	5m @ 33.4% Mn from 1m
WDRC032	322753	7524059	393	20	-90	360	4m @ 38.5% Mn from 4m
WDRC033	322725	7524083	396	20	-90	360	4m @ 38.3% Mn from 3m
WDRC034	322690	7524075	400	12	-90	360	3m @ 38.6% Mn from 0m
WDRC035	322659	7524045	404	12	-90	360	1m @ 25.7% Mn from 0m
WDRC036	322838	7525534	409	20	-90	360	5m @ 19.5% Mn from 4m
WDRC037	322877	7525534	405	30	-90	360	7m @ 30.9% Mn from 3m
WDRC038	322919	7525534	404	18	-90	360	6m @ 25.2% Mn from 1m
WDRC039	322956	7525553	402	18	-90	360	5m @ 28.2% Mn from 3m
WDRC040	322996	7525547	399	20	-90	360	4m @ 30.5% Mn from 5m
WDRC041	323039	7525535	396	20	-90	360	5m @ 29.7% Mn from 7m
WDRC042	323081	7525538	389	20	-90	360	3m @ 37.8% Mn from 13m
WDRC043	323122	7525539	386	30	-90	360	2m @ 36.3% Mn from 16m
WDRC057	322470	7525900	426	30	-90	360	2m @ 29.9% Mn from 0m
WDRC058	322517	7525899	423	24	-90	360	1m @ 27.1% Mn from 1m
WDRC059	322562	7525895	420	20	-90	360	3m @ 25.4% Mn from 2m
WDRC060	322598	7525904	418	20	-90	360	6m @ 26.7% Mn from 1m
WDRC061	322639	7525897	418	20	-90	360	9m @ 31.4% Mn from 1m
WDRC062	322679	7525901	414	20	-90	360	9m @ 26.4% Mn from 3m
WDRC063	322720	7525898	411	20	-90	360	9m @ 26.1% Mn from 4m
WDRC064	322761	7525898	407	20	-90	360	7m @ 35.3% Mn from 7m
WDRC065	322801	7525898	407	20	-90	360	11m @ 33.9% Mn from 5m
WDRC066	322840	7525898	408	20	-90	360	5m @ 23% Mn from 3m

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WDRC067	322879	7525893	403	30	-90	360	9m @ 23.1% Mn from 6m
WDRC068	322919	7525897	401	20	-90	360	8m @ 23.7% Mn from 7m
WDRC069	322958	7525897	396	20	-90	360	5m @ 24.2% Mn from 12m
WDRC070	323001	7525894	391	24	-90	360	4m @ 21.3% Mn from 15m
WDRC071	323040	7525894	389	24	-90	360	3m @ 29.9% Mn from 17m
WDRC072	323079	7525895	385	30	-90	360	1m @ 22.8% Mn from 20m
WDRC093	322803	7525425	413	18	-90	360	1m @ 12.1% Mn from 1m
WDRC094	322837	7525425	411	20	-90	360	4m @ 33.8% Mn from 0m
WDRC095	322876	7525424	407	20	-90	360	6m @ 35% Mn from 0m
WDRC096	322921	7525420	405	20	-90	360	7m @ 29.7% Mn from 0m
WDRC097	322962	7525424	403	18	-90	360	8m @ 28.5% Mn from 0m
WDRC098	322994	7525418	400	18	-90	360	4m @ 29.6% Mn from 1m
WDRC099	323040	7525420	397	18	-90	360	5m @ 28.6% Mn from 4m
WDRC100	322925	7525369	402	12	-90	360	4m @ 34.5% Mn from 0m
WDRC105	322917	7525320	404	20	-90	360	2m @ 41.4% Mn from 0m
WDRC106	322959	7525320	403	60	-90	360	6m @ 28.4% Mn from 0m
WDRC107	322996	7525315	400	20	-90	360	6m @ 29.2% Mn from 0m
WDRC108	323033	7525322	396	18	-90	360	4m @ 31.5% Mn from 3m
WDRC111	322919	7525204	402	20	-90	360	1m @ 46.4% Mn from 0m
WDRC112	322961	7525205	402	20	-90	360	3m @ 30.9% Mn from 0m
WDRC113	322995	7525200	401	20	-90	360	4m @ 34.3% Mn from 0m
WDRC114	323040	7525199	397	20	-90	360	5m @ 21.3% Mn from 3m
WDRC115	323081	7525202	392	20	-90	360	3m @ 27.9% Mn from 7m
WDRC116	323040	7525151	397	20	-90	360	4m @ 25.5% Mn from 2m
WDRC117	323076	7525104	390	30	-90	360	2m @ 23.8% Mn from 9m
WDRC118	323049	7525096	396	20	-90	360	2m @ 18.3% Mn from 2m
WDRC121	322962	7525098	402	20	-90	360	1m @ 47.9% Mn from 0m
WDRC123	322566	7524714	403	20	-90	360	2m @ 35.4% Mn from 0m
WDRC124	322597	7524719	401	20	-90	360	4m @ 36.3% Mn from 0m
WDRC125	322640	7524719	398	20	-90	360	7m @ 40.1% Mn from 0m
WDRC126	322681	7524720	394	20	-90	360	6m @ 37.9% Mn from 6m
WDRC127	322720	7524720	389	20	-90	360	6m @ 35.6% Mn from 10m
WDRC128	322901	7523803	383	30	-90	360	5m @ 27.8% Mn from 17m
WDRC129	322939	7523802	380	34	-90	360	5m @ 27.6% Mn from 22m
WDRC130	322980	7523803	374	36	-90	360	1m @ 28.4% Mn from 28m
WDRC131	322901	7523902	382	30	-90	360	5m @ 40.9% Mn from 15m
WDRC132	322940	7523903	379	30	-90	360	4m @ 31% Mn from 19m
WDRC133	322976	7523902	376	33	-90	360	4m @ 21% Mn from 22m
WDRC134	322901	7524002	379	30	-90	360	4m @ 28.3% Mn from 21m
WDRC135	322938	7524002	378	33	-90	360	5m @ 28.1% Mn from 22m
WDRC136	322981	7524003	375	36	-90	360	6m @ 24.4% Mn from 24m
WDRC137	322744	7524399	383	30	-90	360	4m @ 35% Mn from 17m
WDRC138	322778	7524400	379	29	-90	360	3m @ 27% Mn from 21m
WDRC139	322818	7524400	379	30	-90	360	6m @ 27.9% Mn from 21m

WDRC140	322859	7524401	376	34	-90	360	5m @ 25.7% Mn from 24m
WDRC141	322897	7524400	374	36	-90	360	5m @ 22.8% Mn from 26m
WDRC142	322936	7524398	372	36	-90	360	6m @ 23.4% Mn from 28m
WDRC143	322978	7524397	370	42	-90	360	3m @ 29% Mn from 32m
WDRC144	323022	7524398	369	45	-90	360	5m @ 21.3% Mn from 32m
WDRC145	323058	7524397	368	45	-90	360	4m @ 19.9% Mn from 34m
WDRC146	323107	7524400	363	42	-90	360	3m @ 22% Mn from 35m
WDRC147	323144	7524401	364	48	-90	360	5m @ 19.2% Mn from 36m
WDRC148	323178	7524399	361	50	-90	360	4m @ 16% Mn from 40m
WDRC149	322901	7524098	379	30	-90	360	5m @ 19.1% Mn from 22m
WDRC150	322940	7524100	375	36	-90	360	4m @ 18.4% Mn from 26m
WDRC151	322979	7524101	373	40	-90	360	5m @ 28% Mn from 30m
WDRC152	323018	7524104	369	40	-90	360	4m @ 32% Mn from 33m
WDRC153	323058	7524102	368	45	-90	360	5m @ 26% Mn from 35m
WDRC154	323099	7524101	364	48	-90	360	4m @ 24.4% Mn from 39m
WDRC155	323140	7524100	362	48	-90	360	4m @ 25.1% Mn from 42m
WDRC156	323171	7524103	360	54	-90	360	4m @ 24.4% Mn from 44m
WDRC160	322360	7526293	425	20	-90	360	2m @ 16.2% Mn from 0m
WDRC161	322395	7526298	422	30	-90	360	3m @ 19.7% Mn from 1m
WDRC163	322477	7526297	417	20	-90	360	7m @ 29.2% Mn from 1m
WDRC164	322519	7526296	416	20	-90	360	7m @ 37.7% Mn from 0m
WDRC165	322557	7526295	414	18	-90	360	8m @ 37.4% Mn from 0m
WDRC166	322598	7526296	413	18	-90	360	8m @ 35.5% Mn from 0m
WDRC167	322640	7526299	412	18	-90	360	7m @ 31.4% Mn from 0m
WDRC168	322680	7526299	410	18	-90	360	8m @ 32.5% Mn from 0m
WDRC169	322717	7526298	410	18	-90	360	5m @ 27.2% Mn from 0m
WDRC170	322756	7526296	401	18	-90	360	4m @ 36.4% Mn from 7m
WDRC171	322800	7526298	398	18	-90	360	4m @ 33.6% Mn from 8m
WDRC172	322840	7526296	395	18	-90	360	4m @ 34.1% Mn from 12m
WDRC173	322888	7526299	391	24	-90	360	4m @ 25.7% Mn from 16m
WDRC174	322919	7526295	389	24	-90	360	3m @ 27.2% Mn from 18m
WDRC175	322960	7526299	386	28	-90	360	5m @ 26.7% Mn from 19m
WDRC178	322319	7526499	419	24	-90	360	2m @ 16.4% Mn from 6m
WDRC181	322437	7526502	415	18	-90	360	5m @ 36% Mn from 1m
WDRC182	322478	7526499	413	18	-90	360	4m @ 37.4% Mn from 1m
WDRC183	322518	7526501	410	18	-90	360	4m @ 23% Mn from 3m
WDRC184	322559	7526497	412	18	-90	360	8m @ 26.4% Mn from 0m
WDRC185	322599	7526503	410	18	-90	360	6m @ 25.5% Mn from 1m
WDRC186	322639	7526499	407	18	-90	360	5m @ 34.2% Mn from 5m
WDRC187	322681	7526501	410	18	-90	360	8m @ 30.7% Mn from 1m
WDRC188	322719	7526498	404	18	-90	360	6m @ 39.3% Mn from 6m
WDRC189	322758	7526496	400	18	-90	360	3m @ 36.5% Mn from 9m
WDRC190	322797	7526496	401	18	-90	360	6m @ 35.3% Mn from 8m
WDRC191	322839	7526498	395	20	-90	360	4m @ 31.4% Mn from 14m

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WDRC192	322879	7526498	391	24	-90	360	3m @ 30.7% Mn from 18m
WDRC196	322400	7526098	427	24	-90	360	2m @ 28.1% Mn from 0m
WDRC197	322436	7526096	424	24	-90	360	1m @ 24.6% Mn from 0m
WDRC198	322474	7526104	421	18	-90	360	3m @ 18.5% Mn from 0m
WDRC199	322521	7526091	418	18	-90	360	5m @ 17.8% Mn from 0m
WDRC200	322560	7526093	416	17	-90	360	10m @ 28.7% Mn from 0m
WDRC201	322599	7526086	415	18	-90	360	9m @ 39% Mn from 0m
WDRC202	322639	7526098	412	18	-90	360	10m @ 32.5% Mn from 1m
WDRC203	322679	7526099	412	18	-90	360	10m @ 32.5% Mn from 0m
WDRC204	322721	7526098	408	18	-90	360	9m @ 30.7% Mn from 1m
WDRC205	322759	7526099	404	18	-90	360	8m @ 23.8% Mn from 4m
WDRC206	322798	7526097	396	20	-90	360	4m @ 25.4% Mn from 12m
WDRC207	322837	7526098	393	24	-90	360	5m @ 32.2% Mn from 14m
WDRC208	322879	7526099	390	24	-90	360	4m @ 25.9% Mn from 16m
WDRC209	322919	7526098	387	28	-90	360	3m @ 30.6% Mn from 20m
WDRC210	322960	7526098	386	30	-90	360	4m @ 21.3% Mn from 20m
WDRC211	323002	7526098	384	30	-90	360	3m @ 28.3% Mn from 20m
WDRC212	322800	7525919	404	20	-90	360	9m @ 35.1% Mn from 7m
WDRC213	322801	7525963	402	20	-90	360	9m @ 28.1% Mn from 8m
WDRC214	322799	7526800	396	24	-90	360	4m @ 21.9% Mn from 18m
WDRC215	322800	7526763	396	24	-90	360	5m @ 25.3% Mn from 17m
WDRC216	322799	7526720	396	24	-90	360	4m @ 31% Mn from 17m
WDRC217	322799	7526680	397	24	-90	360	5m @ 30.2% Mn from 15m
WDRC218	322800	7526639	398	24	-90	360	6m @ 29.6% Mn from 13m
WDRC219	322800	7526600	397	20	-90	360	5m @ 38.1% Mn from 13m
WDRC220	322799	7526561	397	18	-90	360	4m @ 35.3% Mn from 12m
WDRC221	322796	7526437	398	18	-90	360	4m @ 37.2% Mn from 10m
WDRC222	322798	7526397	399	18	-90	360	5m @ 33.4% Mn from 9m
WDRC223	322800	7526363	399	20	-90	360	5m @ 32.2% Mn from 8m
WDRC224	322801	7526240	398	18	-90	360	5m @ 30% Mn from 8m
WDRC225	322799	7526202	398	18	-90	360	4m @ 28.7% Mn from 9m
WDRC226	322800	7526163	396	18	-90	360	3m @ 32.1% Mn from 11m
WDRC227	322799	7526040	400	24	-90	360	7m @ 30.5% Mn from 8m
WDRC228	322798	7525999	402	20	-90	360	9m @ 22.7% Mn from 7m
WDRC245	322717	7525697	417	18	-90	360	2m @ 25.6% Mn from 1m
WDRC246	322758	7525697	417	18	-90	360	2m @ 17.4% Mn from 0m
WDRC247	322799	7525696	411	18	-90	360	2m @ 34.6% Mn from 3m
WDRC248	322838	7525697	410	18	-90	360	7m @ 24.4% Mn from 1m
WDRC249	322879	7525697	409	20	-90	360	9m @ 23.2% Mn from 0m
WDRC250	322913	7525704	405	20	-90	360	9m @ 28.2% Mn from 1m
WDRC251	322950	7525701	401	18	-90	360	8m @ 24% Mn from 3m
WDRC252	322997	7525701	392	18	-90	360	3m @ 24.6% Mn from 10m
WDRC253	323037	7525701	390	20	-90	360	4m @ 26% Mn from 14m
WDRC254	323114	7525697	384	24	-90	360	2m @ 25.6% Mn from 19m

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WDRC255	323080	7525697	387	20	-90	360	3m @ 18.7% Mn from 16m
WDRC256	323000	7525597	398	18	-90	360	5m @ 29.6% Mn from 7m
WDRC257	322999	7525640	394	20	-90	360	4m @ 30.2% Mn from 11m
WDRC258	322999	7525676	393	20	-90	360	3m @ 29.3% Mn from 11m
WDRC259	323005	7525760	395	20	-90	360	4m @ 26.2% Mn from 11m
WDRC260	323002	7525798	392	20	-90	360	4m @ 25.8% Mn from 14m
WDRC261	323002	7525842	391	20	-90	360	3m @ 27% Mn from 15m
WDRC262	323017	7524002	372	40	-90	360	4m @ 23.7% Mn from 29m
WDRC263	323059	7524001	369	42	-90	360	4m @ 24.2% Mn from 32m
WDRC264	323100	7524002	365	48	-90	360	2m @ 19.8% Mn from 36m
WDRC265	323141	7523998	362	48	-90	360	3m @ 20.1% Mn from 38m
WDRC266	323175	7524004	361	48	-90	360	4m @ 20.2% Mn from 40m
WDRC267	323019	7523899	372	36	-90	360	3m @ 16.8% Mn from 25m
WDRC268	323059	7523896	370	36	-90	360	3m @ 15.1% Mn from 27m
WDRC269	323094	7523897	368	36	-90	360	3m @ 23.6% Mn from 30m
WDRC270	323138	7523897	365	40	-90	360	3m @ 18.4% Mn from 33m
WDRC271	323168	7523903	362	45	-90	360	3m @ 19.1% Mn from 36m
WDRC273	323056	7523805	370	42	-90	360	3m @ 29.8% Mn from 33m
WDRC274	323179	7523810	360	48	-90	360	1m @ 16.2% Mn from 40m
WDRC275	323139	7523808	364	46	-90	360	4m @ 18.7% Mn from 37m
WDRC276	323099	7523809	367	45	-90	360	3m @ 23.3% Mn from 35m
WDRC277	322999	7523761	375	39	-90	360	5m @ 19.1% Mn from 28m
WDRC278	323003	7523880	375	36	-90	360	5m @ 18.8% Mn from 23m
WDRC279	323006	7523960	374	36	-90	360	5m @ 16.2% Mn from 24m
WDRC280	322999	7524079	372	42	-90	360	5m @ 26% Mn from 31m
WDRC281	323000	7524201	369	40	-90	360	4m @ 25.2% Mn from 32m
WDRC282	323001	7524281	370	42	-90	360	3m @ 23.6% Mn from 32m
WDRC283	323002	7524360	370	42	-90	360	5m @ 22.5% Mn from 32m
WDRC284	322985	7524436	369	42	-90	360	5m @ 22.4% Mn from 31m
WDRC287	322398	7526251	424	20	-90	360	5m @ 22.6% Mn from 0m
WDRC288	322448	7526249	421	20	-90	360	5m @ 25.8% Mn from 0m
WDRC289	322499	7526250	418	20	-90	360	7m @ 25.4% Mn from 0m
WDRC290	322548	7526251	416	20	-90	360	6m @ 32.3% Mn from 0m
WDRC291	322604	7526254	412	18	-90	360	7m @ 34.8% Mn from 0m
WDRC292	322653	7526247	411	18	-90	360	8m @ 32.7% Mn from 0m
WDRC293	322702	7526247	410	18	-90	360	8m @ 23.8% Mn from 0m
WDRC294	322755	7526247	406	18	-90	360	8m @ 25.3% Mn from 1m
WDRC295	322746	7526361	406	20	-90	360	6m @ 24.6% Mn from 3m
WDRC296	322702	7526361	407	20	-90	360	6m @ 30.6% Mn from 3m
WDRC297	322657	7526354	410	20	-90	360	7m @ 29.8% Mn from 0m
WDRC298	322602	7526357	412	20	-90	360	6m @ 32% Mn from 0m
WDRC299	322561	7526349	413	20	-90	360	8m @ 34.1% Mn from 0m
WDRC300	322505	7526361	414	20	-90	360	6m @ 32.7% Mn from 1m
WDRC301	322454	7526358	416	20	-90	360	6m @ 33.7% Mn from 2m

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WDRC302	322406	7526355	420	20	-90	360	5m @ 20.3% Mn from 1m
WDRC303	322354	7526353	424	18	-90	360	1m @ 16.5% Mn from 1m
WDRC305	322744	7526399	403	18	-90	360	4m @ 25.9% Mn from 5m
WDRC306	322695	7526407	406	18	-90	360	4m @ 35.6% Mn from 3m
WDRC307	322649	7526407	409	18	-90	360	5m @ 30.2% Mn from 1m
WDRC308	322602	7526408	410	18	-90	360	7m @ 33.5% Mn from 1m
WDRC309	322550	7526408	414	18	-90	360	7m @ 26.6% Mn from 0m
WDRC310	322492	7526411	414	18	-90	360	6m @ 26.9% Mn from 1m
WDRC311	322452	7526408	415	18	-90	360	7m @ 28.9% Mn from 2m
WDRC315	323101	7526452	376	40	-90	360	2m @ 17.5% Mn from 31m
WDRC316	323046	7526452	381	36	-90	360	4m @ 19.6% Mn from 26m
WDRC317	322989	7526453	381	30	-90	360	1m @ 21% Mn from 26m
WDRC318	322948	7526451	386	30	-90	360	3m @ 21.9% Mn from 22m
WDRC319	322896	7526453	390	24	-90	360	3m @ 23.6% Mn from 18m
WDRC320	322852	7526460	394	24	-90	360	4m @ 35.5% Mn from 14m
WDRC321	322748	7526455	402	18	-90	360	4m @ 35.3% Mn from 7m
WDRC322	322701	7526456	405	18	-90	360	5m @ 32.4% Mn from 5m
WDRC323	322656	7526458	407	18	-90	360	6m @ 27.3% Mn from 2m
WDRC324	322600	7526458	411	18	-90	360	5m @ 27.2% Mn from 0m
WDRC325	322556	7526456	413	18	-90	360	6m @ 24.8% Mn from 0m
WDRC326	322503	7526453	412	18	-90	360	3m @ 18.4% Mn from 3m
WDRC327	322451	7526453	414	18	-90	360	6m @ 29.9% Mn from 3m
WDRC328	322403	7526456	418	18	-90	360	2m @ 16.7% Mn from 2m
WDRC333	322401	7526547	420	18	-90	360	4m @ 28.9% Mn from 0m
WDRC334	322452	7526552	417	18	-90	360	5m @ 21.9% Mn from 1m
WDRC335	322499	7526557	414	18	-90	360	6m @ 26.1% Mn from 1m
WDRC336	322545	7526554	413	18	-90	360	8m @ 24.7% Mn from 0m
WDRC337	322600	7526556	407	18	-90	360	6m @ 33.3% Mn from 6m
WDRC338	322650	7526556	411	18	-90	360	8m @ 27.5% Mn from 1m
WDRC339	322698	7526553	404	18	-90	360	5m @ 30.5% Mn from 8m
WDRC340	322749	7526552	401	18	-90	360	4m @ 32.2% Mn from 10m
WDRC341	322853	7526547	393	30	-90	360	4m @ 29.7% Mn from 17m
WDRC342	322897	7526545	389	30	-90	360	4m @ 24.5% Mn from 20m
WDRC343	322950	7526545	385	30	-90	360	4m @ 28% Mn from 23m
WDRC344	323000	7526548	382	36	-90	360	3m @ 21.2% Mn from 26m
WDRC345	323042	7526546	380	36	-90	360	4m @ 23% Mn from 28m
WDRC346	323100	7526551	377	40	-90	360	4m @ 19.7% Mn from 31m
WDRC347	322894	7526498	390	30	-90	360	3m @ 24.7% Mn from 19m
WDRC348	322952	7526500	385	30	-90	360	3m @ 26.4% Mn from 23m
WDRC349	323002	7526498	382	30	-90	360	4m @ 22.4% Mn from 25m
WDRC350	323053	7526497	380	36	-90	360	4m @ 19.7% Mn from 28m
WDRC351	323119	7526501	377	36	-90	360	3m @ 19.8% Mn from 31m
WDRC352	323148	7526500	375	40	-90	360	3m @ 19.5% Mn from 34m
WDRC353	323247	7526498	368	50	-90	360	1m @ 19.2% Mn from 43m

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WDRC355	322773	7526605	399	18	-90	360	5m @ 33.7% Mn from 11m
WDRC356	322700	7526604	408	18	-90	360	6m @ 31.1% Mn from 5m
WDRC357	322655	7526602	406	18	-90	360	5m @ 32.1% Mn from 7m
WDRC358	322603	7526603	408	18	-90	360	5m @ 23.8% Mn from 6m
WDRC359	322552	7526604	414	18	-90	360	3m @ 24.4% Mn from 0m
WDRC360	322501	7526605	415	18	-90	360	4m @ 24.9% Mn from 1m
WDRC361	322452	7526606	418	18	-90	360	5m @ 36.6% Mn from 1m
WDRC362	322397	7526603	421	18	-90	360	3m @ 14% Mn from 0m
WDRC366	322402	7526652	421	18	-90	360	1m @ 15.1% Mn from 0m
WDRC367	322453	7526648	417	18	-90	360	4m @ 20.7% Mn from 1m
WDRC368	322506	7526650	412	18	-90	360	2m @ 22.5% Mn from 4m
WDRC369	322555	7526651	410	18	-90	360	2m @ 13.7% Mn from 5m
WDRC370	322603	7526649	410	18	-90	360	2m @ 15.1% Mn from 4m
WDRC371	322655	7526649	404	18	-90	360	3m @ 26.7% Mn from 10m
WDRC372	322701	7526650	404	18	-90	360	5m @ 35.7% Mn from 9m
WDRC373	322760	7526651	401	18	-90	360	5m @ 33.4% Mn from 10m
WDRC375	322763	7526701	400	20	-90	360	4m @ 35.5% Mn from 13m
WDRC376	322699	7526701	404	18	-90	360	5m @ 35.6% Mn from 8m
WDRC377	322653	7526701	404	18	-90	360	4m @ 28.7% Mn from 9m
WDRC378	322606	7526703	406	18	-90	360	1m @ 35.5% Mn from 8m
WDRC379	322551	7526705	413	18	-90	360	4m @ 26.4% Mn from 3m
WDRC380	322502	7526697	415	18	-90	360	3m @ 21.1% Mn from 2m
WDRC381	322456	7526701	416	18	-90	360	1m @ 12.6% Mn from 2m
WDRC386	322450	7526749	418	18	-90	360	2m @ 21.3% Mn from 1m
WDRC387	322495	7526750	412	18	-90	360	2m @ 15.1% Mn from 5m
WDRC388	322539	7526750	409	18	-90	360	3m @ 22.4% Mn from 5m
WDRC389	322598	7526751	406	18	-90	360	2m @ 31.1% Mn from 10m
WDRC390	322643	7526749	402	18	-90	360	3m @ 30.8% Mn from 12m
WDRC391	322697	7526749	401	18	-90	360	5m @ 34.8% Mn from 12m
WDRC392	322749	7526744	400	20	-90	360	5m @ 31.9% Mn from 13m
WDRC394	322739	7526800	400	20	-90	360	5m @ 23.6% Mn from 14m
WDRC395	322699	7526801	401	20	-90	360	5m @ 22.7% Mn from 13m
WDRC396	322647	7526802	403	20	-90	360	3m @ 28.7% Mn from 13m
WDRC397	322596	7526802	405	20	-90	360	2m @ 13.6% Mn from 12m
WDRC398	322549	7526802	406	20	-90	360	1m @ 17.9% Mn from 12m
WDRC399	322498	7526798	411	18	-90	360	2m @ 13.7% Mn from 4m
WDRC400	322452	7526798	417	12	-90	360	3m @ 14.5% Mn from 1m
WDRC406	322804	7526851	398	24	-90	360	6m @ 21.8% Mn from 17m
WDRC407	322748	7526851	401	20	-90	360	6m @ 24.5% Mn from 13m
WDRC408	322702	7526854	402	20	-90	360	6m @ 23.7% Mn from 13m
WDRC409	322648	7526854	403	20	-90	360	2m @ 18.7% Mn from 14m
WDRC411	322551	7526856	411	21	-90	360	2m @ 16.3% Mn from 9m
WDRC412	322512	7526860	412	20	-90	360	2m @ 14.4% Mn from 9m
WDRC413	322478	7526901	413	20	-90	360	3m @ 19.7% Mn from 9m

WDRC414	322804	7526907	397	27	-90	360	4m @ 20.2% Mn from 20m
WDRC415	322767	7526899	398	24	-90	360	4m @ 26% Mn from 18m
WDRC416	322701	7526903	401	24	-90	360	5m @ 23.9% Mn from 16m
WDRC417	322656	7526906	402	24	-90	360	2m @ 15.8% Mn from 16m
WDRC418	322600	7526904	405	26	-90	360	1m @ 14.6% Mn from 16m
WDRC419	322553	7526904	411	27	-90	360	2m @ 13.6% Mn from 12m
WDRC420	322506	7526903	413	24	-90	360	2m @ 20.6% Mn from 11m
WDRC421	322856	7526601	391	28	-90	360	4m @ 29.6% Mn from 19m
WDRC422	322900	7526598	387	29	-90	360	3m @ 25.3% Mn from 22m
WDRC423	322953	7526597	385	32	-90	360	5m @ 26.9% Mn from 24m
WDRC424	323000	7526597	383	35	-90	360	3m @ 28.1% Mn from 26m
WDRC425	323053	7526596	380	36	-90	360	4m @ 22.5% Mn from 29m
WDRC426	323099	7526602	377	40	-90	360	3m @ 21.9% Mn from 33m
WDRC427	323099	7526652	377	41	-90	360	4m @ 24.9% Mn from 35m
WDRC428	323049	7526652	380	41	-90	360	5m @ 23.6% Mn from 30m
WDRC429	322997	7526650	383	36	-90	360	5m @ 23.8% Mn from 28m
WDRC430	322948	7526651	385	33	-90	360	4m @ 29.1% Mn from 25m
WDRC431	322896	7526651	388	28	-90	360	4m @ 31.5% Mn from 22m
WDRC432	323301	7526699	368	58	-90	360	2m @ 20.9% Mn from 49m
WDRC433	323197	7526703	372	61	-90	360	4m @ 23.1% Mn from 42m
WDRC434	323101	7526701	377	51	-90	360	5m @ 23% Mn from 35m
WDRC435	323051	7526700	380	40	-90	360	5m @ 22.9% Mn from 32m
WDRC436	323000	7526703	383	36	-90	360	4m @ 27.4% Mn from 30m
WDRC437	322948	7526701	386	34	-90	360	4m @ 29.4% Mn from 26m
WDRC438	322901	7526703	388	31	-90	360	3m @ 27.6% Mn from 24m
WDRC439	322848	7526701	392	27	-90	360	5m @ 25.9% Mn from 19m
WDRC440	322850	7526747	392	29	-90	360	4m @ 26.5% Mn from 21m
WDRC441	322894	7526750	389	32	-90	360	4m @ 23.5% Mn from 24m
WDRC442	322946	7526748	386	36	-90	360	4m @ 26.1% Mn from 27m
WDRC443	322853	7526649	391	27	-90	360	5m @ 25.7% Mn from 19m
WDRC444	322849	7526798	393	31	-90	360	3m @ 27.2% Mn from 21m
WDRC445	322893	7526797	390	32	-90	360	4m @ 26.7% Mn from 24m
WDRC446	322946	7526805	388	35	-90	360	5m @ 24.7% Mn from 27m
WDRC447	322849	7526848	394	30	-90	360	4m @ 23.8% Mn from 22m
WDRC448	322901	7526850	390	33	-90	360	3m @ 23.4% Mn from 26m
WDRC449	322951	7526850	387	37	-90	360	3m @ 21.9% Mn from 29m
WDRC450	322845	7526901	394	32	-90	360	3m @ 23.7% Mn from 23m
WDRC451	322900	7526902	392	32	-90	360	3m @ 20.8% Mn from 25m
WDRC452	322946	7526902	390	39	-90	360	3m @ 20.2% Mn from 28m
WDRC453	323052	7526902	383	47	-90	360	3m @ 18.3% Mn from 36m
WDRC454	323155	7526904	375	55	-90	360	2m @ 13.5% Mn from 45m
WDRC455	323245	7526904	370	66	-90	360	3m @ 18.4% Mn from 55m
WDRC458	322404	7527001	415	18	-90	360	3m @ 18.4% Mn from 4m
WDRC459	322348	7527002	423	25	-90	360	3m @ 15.6% Mn from 0m

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WDRC462	322309	7527106	423	18	-90	360	2m @ 16.1% Mn from 0m
WDRC464	322379	7527207	417	18	-90	360	3m @ 13.1% Mn from 6m
WDRC477	322498	7527009	407	36	-90	360	3m @ 23.5% Mn from 21m
WDRC478	322548	7527005	404	36	-90	360	1m @ 13.5% Mn from 23m
WDRC479	322595	7527000	401	36	-90	360	1m @ 19.2% Mn from 23m
WDRC480	322644	7527003	400	32	-90	360	1m @ 19.6% Mn from 21m
WDRC482	322745	7527003	398	30	-90	360	1m @ 15.4% Mn from 21m
WDRC483	322862	7526996	393	36	-90	360	1m @ 13.9% Mn from 26m
WDRC484	322948	7527005	390	40	-90	360	3m @ 19.3% Mn from 32m
WDRC485	322393	7527104	411	30	-90	360	1m @ 18.8% Mn from 12m
WDRC486	322459	7527102	405	38	-90	360	4m @ 23.7% Mn from 24m
WDRC487	322500	7527107	400	40	-90	360	2m @ 24.9% Mn from 29m
WDRC488	322545	7527100	399	40	-90	360	2m @ 24.4% Mn from 28m
WDRC489	322587	7527091	398	40	-90	360	2m @ 19.8% Mn from 25m
WDRC490	322450	7527205	409	38	-90	360	3m @ 17.8% Mn from 21m
WDRC491	322499	7527204	401	40	-90	360	2m @ 16.1% Mn from 30m
WDRC492	322541	7527201	397	48	-90	360	2m @ 15.9% Mn from 32m
WDRC495	322542	7527309	399	48	-90	360	3m @ 17.2% Mn from 34m
WDRC504	322691	7527099	395	40	-90	360	1m @ 12.3% Mn from 27m
WDRC507	322647	7527202	391	54	-90	360	1m @ 19.7% Mn from 40m
WDRC508	322597	7527202	392	50	-90	360	1m @ 19.5% Mn from 37m
WDRC509	322599	7527315	390	54	-90	360	1m @ 16.8% Mn from 44m
WDRC543	322590	7528210	412	30	-90	360	1m @ 16.4% Mn from 18m
WDRC544	322449	7527002	411	26	-90	360	3m @ 25% Mn from 12m
WDRC547	322395	7526203	425	27	-90	360	1m @ 17.9% Mn from 0m
WDRC548	322444	7526200	422	24	-90	360	6m @ 25.7% Mn from 0m
WDRC549	322497	7526200	419	20	-90	360	7m @ 21.5% Mn from 0m
WDRC550	322548	7526202	415	18	-90	360	2m @ 17.4% Mn from 2m
WDRC551	322604	7526213	413	12	-90	360	9m @ 36.7% Mn from 0m
WDRC552	322652	7526205	411	16	-90	360	9m @ 33.6% Mn from 0m
WDRC553	322704	7526203	409	16	-90	360	7m @ 29.4% Mn from 0m
WDRC554	322748	7526205	400	19	-90	360	4m @ 30.8% Mn from 7m
WDRC555	322745	7526157	400	19	-90	360	2m @ 24.2% Mn from 8m
WDRC556	322696	7526156	410	16	-90	360	9m @ 32.9% Mn from 0m
WDRC557	322647	7526155	410	14	-90	360	7m @ 37.2% Mn from 0m
WDRC558	322600	7526154	415	16	-90	360	9m @ 36.2% Mn from 0m
WDRC559	322549	7526153	414	19	-90	360	4m @ 20.6% Mn from 4m
WDRC560	322498	7526155	420	21	-90	360	5m @ 23.9% Mn from 0m
WDRC561	322449	7526155	423	24	-90	360	3m @ 22.6% Mn from 0m
WDRC562	322400	7526154	426	24	-90	360	2m @ 26.1% Mn from 0m
WDRC568	322453	7526054	424	24	-90	360	3m @ 17.1% Mn from 0m
WDRC569	322505	7526063	420	19	-90	360	4m @ 22.4% Mn from 0m
WDRC570	322553	7526055	418	18	-90	360	8m @ 28% Mn from 0m
WDRC571	322604	7526051	416	16	-90	360	9m @ 31.8% Mn from 0m

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WDRC572	322659	7526052	412	16	-90	360	9m @ 38.5% Mn from 1m
WDRC573	322695	7526056	410	18	-90	360	10m @ 34.1% Mn from 1m
WDRC574	322749	7526058	407	16	-90	360	10m @ 24.9% Mn from 2m
WDRC575	322848	7526053	391	23	-90	360	3m @ 34.3% Mn from 16m
WDRC576	322901	7526051	389	27	-90	360	4m @ 30.5% Mn from 18m
WDRC577	322947	7526051	388	26	-90	360	4m @ 24% Mn from 17m
WDRC578	322997	7526053	385	25	-90	360	2m @ 26.1% Mn from 19m
WDRC579	323050	7526051	382	30	-90	360	2m @ 30.3% Mn from 22m
WDRC580	323095	7526046	380	26	-90	360	1m @ 21.1% Mn from 23m
WDRC581	323049	7526098	381	30	-90	360	2m @ 23.3% Mn from 22m
WDRC583	323201	7526098	374	38	-90	360	2m @ 26.2% Mn from 30m
WDRC584	323250	7526100	372	40	-90	360	2m @ 16.3% Mn from 32m
WDRC587	323096	7526158	377	36	-90	360	1m @ 33.4% Mn from 26m
WDRC588	323050	7526199	381	32	-90	360	4m @ 19% Mn from 23m
WDRC589	323002	7526201	381	32	-90	360	2m @ 20.8% Mn from 23m
WDRC590	322952	7526196	384	30	-90	360	2m @ 20.5% Mn from 21m
WDRC591	322953	7526151	385	30	-90	360	3m @ 23.5% Mn from 22m
WDRC592	322993	7526148	383	30	-90	360	3m @ 20.1% Mn from 22m
WDRC593	323037	7526150	382	30	-90	360	3m @ 23% Mn from 22m
WDRC594	323104	7526204	377	34	-90	360	3m @ 17.8% Mn from 26m
WDRC595	323102	7526251	376	34	-90	360	2m @ 24.5% Mn from 28m
WDRC596	323052	7526255	378	32	-90	360	1m @ 28.1% Mn from 27m
WDRC597	323004	7526255	382	31	-90	360	3m @ 23% Mn from 23m
WDRC598	322953	7526256	386	28	-90	360	3m @ 22.3% Mn from 20m
WDRC599	322906	7526262	390	23	-90	360	4m @ 24.4% Mn from 16m
WDRC600	322852	7526270	394	20	-90	360	4m @ 33.9% Mn from 12m
WDRC601	323000	7526295	384	30	-90	360	5m @ 22.7% Mn from 22m
WDRC602	323040	7526293	379	33	-90	360	3m @ 21.6% Mn from 27m
WDRC603	323097	7526303	376	34	-90	360	1m @ 28.9% Mn from 29m
WDRC604	323100	7526354	378	54	-90	360	1m @ 14.4% Mn from 28m
WDRC605	323048	7526350	380	32	-90	360	2m @ 23.8% Mn from 25m
WDRC606	323003	7526350	382	29	-90	360	4m @ 18.3% Mn from 23m
WDRC607	322947	7526353	386	26	-90	360	3m @ 19.2% Mn from 20m
WDRC608	322898	7526352	391	24	-90	360	4m @ 24.6% Mn from 16m
WDRC609	323096	7526394	378	35	-90	360	3m @ 22% Mn from 28m
WDRC610	323039	7526397	378	32	-90	360	2m @ 18.8% Mn from 28m
WDRC611	322987	7526404	382	30	-90	360	2m @ 20.4% Mn from 24m
WDRC612	322937	7526397	387	26	-90	360	3m @ 21.6% Mn from 20m
WDRC613	322896	7526398	390	24	-90	360	3m @ 24.1% Mn from 18m
WDRC614	322837	7526401	396	20	-90	360	4m @ 34.7% Mn from 12m
WDRC615	322854	7526347	394	21	-90	360	3m @ 33.5% Mn from 13m
WDRC616	323157	7526100	374	36	-90	360	1m @ 13.5% Mn from 28m
WDRC617	323138	7526000	380	32	-90	360	1m @ 20% Mn from 25m
WDRC618	323090	7526001	381	29	-90	360	1m @ 24.3% Mn from 23m

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WDRC620	322986	7526002	388	24	-90	360	4m @ 22.7% Mn from 16m
WDRC621	322937	7526003	391	24	-90	360	5m @ 22.4% Mn from 15m
WDRC622	322888	7526002	393	24	-90	360	5m @ 32.1% Mn from 14m
WDRC623	322843	7526005	399	21	-90	360	8m @ 26.5% Mn from 9m
WDRC624	322738	7525997	407	19	-90	360	11m @ 29.4% Mn from 4m
WDRC625	322694	7526000	406	19	-90	360	7m @ 35.1% Mn from 6m
WDRC626	322643	7526001	413	15	-90	360	8m @ 34.4% Mn from 0m
WDRC627	322593	7525998	411	18	-90	360	2m @ 15.5% Mn from 5m
WDRC628	322562	7525997	411	16	-90	360	2m @ 19.3% Mn from 5m
WDRC629	322493	7526004	422	21	-90	360	3m @ 29.4% Mn from 0m
WDRC630	322444	7525999	425	24	-90	360	3m @ 20.4% Mn from 0m
WDRC633	323141	7525952	382	29	-90	360	1m @ 28.5% Mn from 23m
WDRC634	323093	7525953	384	28	-90	360	3m @ 24.7% Mn from 21m
WDRC635	323037	7525955	385	27	-90	360	2m @ 32.5% Mn from 21m
WDRC636	322992	7525954	389	24	-90	360	3m @ 23.1% Mn from 17m
WDRC637	322940	7525953	393	22	-90	360	4m @ 29.2% Mn from 14m
WDRC638	322891	7525952	394	23	-90	360	5m @ 26.5% Mn from 14m
WDRC639	322844	7525956	396	22	-90	360	5m @ 33% Mn from 13m
WDRC640	322742	7525949	405	19	-90	360	9m @ 33.1% Mn from 7m
WDRC641	322689	7525953	409	18	-90	360	8m @ 33.4% Mn from 5m
WDRC642	322663	7525947	415	18	-90	360	8m @ 32.1% Mn from 0m
WDRC643	322589	7525950	419	18	-90	360	5m @ 15.3% Mn from 0m
WDRC645	322497	7525937	423	24	-90	360	1m @ 25.7% Mn from 0m
WDRC649	323098	7525860	384	26	-90	360	1m @ 36% Mn from 20m
WDRC650	323037	7525852	388	24	-90	360	2m @ 26.4% Mn from 17m
WDRC651	322944	7525851	403	20	-90	360	7m @ 24.1% Mn from 5m
WDRC652	322899	7525850	408	24	-90	360	9m @ 25.5% Mn from 1m
WDRC653	322847	7525849	408	20	-90	360	12m @ 26.9% Mn from 3m
WDRC654	322796	7525851	410	24	-90	360	11m @ 32.5% Mn from 4m
WDRC655	322744	7525851	411	18	-90	360	8m @ 25.4% Mn from 5m
WDRC656	322693	7525851	417	20	-90	360	9m @ 26.2% Mn from 1m
WDRC657	322649	7525850	420	18	-90	360	8m @ 23.9% Mn from 1m
WDRC658	322594	7525851	413	21	-90	360	3m @ 28.1% Mn from 10m
WDRC664	323147	7525802	382	26	-90	360	1m @ 32.4% Mn from 21m
WDRC665	323089	7525812	387	23	-90	360	3m @ 26.5% Mn from 17m
WDRC666	323037	7525806	390	24	-90	360	4m @ 23% Mn from 15m
WDRC667	322940	7525802	403	20	-90	360	8m @ 21.3% Mn from 3m
WDRC668	322896	7525806	404	18	-90	360	8m @ 28.8% Mn from 3m
WDRC669	322849	7525812	409	18	-90	360	9m @ 32.6% Mn from 0m
WDRC670	322794	7525803	413	12	-90	360	7m @ 39.1% Mn from 0m
WDRC671	322748	7525804	412	18	-90	360	8m @ 27.3% Mn from 3m
WDRC672	322699	7525803	417	18	-90	360	8m @ 24% Mn from 1m
WDRC673	322648	7525803	420	18	-90	360	6m @ 23.8% Mn from 2m
WDRC676	322499	7525797	430	20	-90	360	1m @ 14.3% Mn from 1m

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WDRC679	323143	7525756	382	26	-90	360	1m @ 21.9% Mn from 21m
WDRC680	323091	7525757	387	24	-90	360	4m @ 25.3% Mn from 17m
WDRC681	323045	7525756	389	22	-90	360	3m @ 25.8% Mn from 16m
WDRC682	322940	7525749	400	18	-90	360	7m @ 22.2% Mn from 6m
WDRC683	322891	7525750	408	17	-90	360	6m @ 28% Mn from 1m
WDRC684	322843	7525750	412	16	-90	360	9m @ 25% Mn from 0m
WDRC685	322792	7525748	414	12	-90	360	3m @ 21.1% Mn from 0m
WDRC686	322733	7525751	414	14	-90	360	3m @ 22.8% Mn from 0m
WDRC687	322707	7525752	416	12	-90	360	5m @ 18.4% Mn from 0m
WDRC688	322688	7525767	415	12	-90	360	6m @ 30.1% Mn from 0m
WDRC689	322651	7525756	415	12	-90	360	1m @ 31.3% Mn from 4m
WDRC696	322717	7525665	417	11	-90	360	1m @ 26.2% Mn from 0m
WDRC700	322851	7525640	410	12	-90	360	3m @ 17.3% Mn from 0m
WDRC701	323146	7525647	384	24	-90	360	2m @ 34.1% Mn from 19m
WDRC702	323089	7525646	386	21	-90	360	1m @ 24.3% Mn from 16m
WDRC703	323038	7525650	391	18	-90	360	4m @ 28.5% Mn from 11m
WDRC704	322948	7525650	397	18	-90	360	4m @ 32.6% Mn from 10m
WDRC705	322897	7525642	407	16	-90	360	9m @ 33.5% Mn from 2m
WDRC706	323143	7525596	385	20	-90	360	3m @ 28.2% Mn from 14m
WDRC707	323094	7525597	388	18	-90	360	3m @ 24.6% Mn from 12m
WDRC708	323045	7525599	391	18	-90	360	3m @ 29% Mn from 11m
WDRC709	322939	7525604	407	18	-90	360	8m @ 27.8% Mn from 1m
WDRC710	322894	7525602	410	16	-90	360	9m @ 30.2% Mn from 0m
WDRC711	322845	7525600	413	12	-90	360	7m @ 24.7% Mn from 0m
WDRC712	322799	7525600	414	15	-90	360	1m @ 24.4% Mn from 0m
WDRC718	322851	7525471	410	12	-90	360	4m @ 28.1% Mn from 0m
WDRC719	322909	7525469	408	14	-90	360	9m @ 27.4% Mn from 0m
WDRC720	322948	7525478	403	16	-90	360	5m @ 33% Mn from 3m
WDRC721	323000	7525480	400	17	-90	360	7m @ 27.3% Mn from 4m
WDRC722	323043	7525475	394	15	-90	360	4m @ 30% Mn from 7m
WDRC723	323097	7525482	393	18	-90	360	3m @ 29.3% Mn from 9m
WDRC724	323154	7525478	385	22	-90	360	2m @ 23.8% Mn from 16m
WDRC725	323092	7525317	391	15	-90	360	3m @ 31.6% Mn from 8m
WDRC726	323101	7525373	390	17	-90	360	3m @ 23.7% Mn from 10m
WDRC727	323068	7525369	395	17	-90	360	4m @ 35.8% Mn from 6m
WDRC728	323101	7525418	390	17	-90	360	3m @ 27.8% Mn from 10m
WDRC732	323290	7525903	379	30	-90	360	1m @ 24.5% Mn from 24m
WDRC733	323249	7525904	379	33	-90	360	1m @ 12.2% Mn from 26m
WDRC734	323201	7525908	380	32	-90	360	1m @ 16.9% Mn from 25m
WDRC735	323150	7525907	383	29	-90	360	2m @ 15.6% Mn from 21m
WDRC736	323104	7525903	385	23	-90	360	2m @ 20.5% Mn from 20m
WDRC739	323393	7525700	380	33	-90	360	1m @ 15.8% Mn from 23m
WDRC741	323297	7525702	378	30	-90	360	2m @ 14.2% Mn from 21m
WDRC742	323253	7525707	378	31	-90	360	1m @ 18.6% Mn from 24m

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WDRC743	323200	7525703	380	30	-90	360	1m @ 14.1% Mn from 22m
WDRC749	323296	7525542	375	31	-90	360	1m @ 33.1% Mn from 23m
WDRC750	323236	7525539	379	28	-90	360	2m @ 22.2% Mn from 19m
WDRC751	323194	7525540	380	27	-90	360	1m @ 17.4% Mn from 20m
WDRC752	323145	7525540	385	26	-90	360	2m @ 27.1% Mn from 17m
WDRC753	323444	7525415	372	40	-90	360	1m @ 22.2% Mn from 30m
WDRC754	323402	7525415	374	36	-90	360	1m @ 23.7% Mn from 27m
WDRC755	323351	7525420	376	34	-90	360	2m @ 20.6% Mn from 24m
WDRC756	323304	7525423	377	30	-90	360	1m @ 45.3% Mn from 22m
WDRC757	323260	7525425	378	30	-90	360	1m @ 18.6% Mn from 21m
WDRC758	323223	7525420	380	27	-90	360	1m @ 35.8% Mn from 19m
WDRC759	323160	7525406	384	20	-90	360	1m @ 38.4% Mn from 12m
WDRC760	323143	7525373	387	20	-90	360	2m @ 35% Mn from 10m
WDRC762	323359	7525317	376	40	-90	360	1m @ 16.4% Mn from 26m
WDRC763	323302	7525316	378	32	-90	360	1m @ 16.2% Mn from 23m
WDRC764	323257	7525318	380	29	-90	360	1m @ 39.8% Mn from 20m
WDRC765	323203	7525316	383	24	-90	360	1m @ 36% Mn from 17m
WDRC766	323156	7525311	389	18	-90	360	3m @ 22.5% Mn from 7m
WDRC767	323150	7525261	388	18	-90	360	3m @ 26% Mn from 8m
WDRC768	322848	7525369	410	18	-90	360	1m @ 21% Mn from 0m
WDRC769	322902	7525371	405	12	-90	360	4m @ 43.2% Mn from 0m
WDRC770	322946	7525362	404	12	-90	360	7m @ 28.3% Mn from 0m
WDRC771	322997	7525367	400	12	-90	360	5m @ 24.9% Mn from 2m
WDRC772	322856	7525261	402	12	-90	360	1m @ 13.5% Mn from 4m
WDRC773	322898	7525262	405	12	-90	360	1m @ 27.9% Mn from 0m
WDRC774	322953	7525260	402	12	-90	360	4m @ 35.6% Mn from 0m
WDRC775	323002	7525261	400	12	-90	360	6m @ 25.6% Mn from 1m
WDRC776	323050	7525261	396	14	-90	360	4m @ 30.2% Mn from 4m
WDRC777	323097	7525259	393	18	-90	360	4m @ 26.7% Mn from 5m
WDRC781	323196	7526301	370	42	-90	360	1m @ 28.8% Mn from 35m
WDRC782	323145	7526305	373	37	-90	360	2m @ 21.8% Mn from 32m
WDRC784	322887	7525155	404	18	-90	360	1m @ 14.4% Mn from 0m
WDRC786	322995	7525141	400	12	-90	360	1m @ 38.7% Mn from 0m
WDRC801	322850	7524899	379	35	-90	360	3m @ 17.9% Mn from 22m
WDRC803	322901	7524849	374	31	-90	360	4m @ 23.2% Mn from 23m
WDRC804	322851	7524851	378	30	-90	360	3m @ 27.9% Mn from 21m
WDRC805	322799	7524857	384	28	-90	360	5m @ 31.6% Mn from 16m
WDRC806	322754	7524832	387	20	-90	360	4m @ 38.8% Mn from 10m
WDRC807	322886	7524804	377	28	-90	360	4m @ 24.4% Mn from 20m
WDRC808	322854	7524807	379	27	-90	360	5m @ 29.3% Mn from 18m
WDRC819	322801	7524801	380	24	-90	360	1m @ 25.6% Mn from 17m
WDRC820	322823	7524760	381	24	-90	360	6m @ 27.7% Mn from 15m
WDRC821	322796	7524731	383	22	-90	360	6m @ 26.8% Mn from 13m
WDRC822	322802	7524761	383	23	-90	360	4m @ 38.9% Mn from 15m

WDRC823	322754	7524763	383	23	-90	360	1m @ 39.1% Mn from 16m
WDRC824	322710	7524753	391	20	-90	360	7m @ 34.5% Mn from 9m
WDRC825	322655	7524761	395	18	-90	360	7m @ 40.7% Mn from 5m
WDRC826	322599	7524767	401	13	-90	360	6m @ 35.3% Mn from 2m
WDRC827	322557	7524759	404	12	-90	360	1m @ 16.6% Mn from 1m
WDRC828	322744	7524800	388	17	-90	360	5m @ 37.2% Mn from 8m
WDRC829	322696	7524800	391	16	-90	360	6m @ 35.8% Mn from 7m
WDRC830	322645	7524798	397	16	-90	360	6m @ 35.3% Mn from 6m
WDRC831	322603	7524800	398	17	-90	360	4m @ 31.8% Mn from 7m
WDRC833	322747	7524696	387	20	-90	360	6m @ 34.4% Mn from 11m
WDRC834	322749	7524718	386	18	-90	360	5m @ 31.5% Mn from 12m
WDRC835	322693	7524682	392	18	-90	360	6m @ 33.7% Mn from 6m
WDRC836	322663	7524686	394	14	-90	360	5m @ 38% Mn from 5m
WDRC839	323125	7524799	359	48	-90	360	1m @ 26.8% Mn from 42m
WDRC840	323093	7524794	364	48	-90	360	4m @ 17.6% Mn from 38m
WDRC841	323065	7524793	365	46	-90	360	5m @ 17.2% Mn from 36m
WDRC842	323088	7524691	363	46	-90	360	5m @ 20.9% Mn from 36m
WDRC843	323068	7524692	364	44	-90	360	6m @ 19% Mn from 35m
WDRC844	323035	7524692	365	44	-90	360	5m @ 24.5% Mn from 36m
WDRC845	323081	7524602	364	47	-90	360	4m @ 20.4% Mn from 38m
WDRC846	323049	7524609	365	46	-90	360	5m @ 20.4% Mn from 37m
WDRC847	322998	7524603	368	42	-90	360	6m @ 18.2% Mn from 32m
WDRC848	322965	7524590	370	38	-90	360	6m @ 22.5% Mn from 30m
WDRC849	323086	7524499	367	44	-90	360	5m @ 18.7% Mn from 34m
WDRC850	323043	7524500	367	41	-90	360	5m @ 19.3% Mn from 32m
WDRC851	322995	7524503	365	37	-90	360	3m @ 21.6% Mn from 31m
WDRC852	322953	7524491	369	36	-90	360	3m @ 20.4% Mn from 29m
WDRC853	322884	7524503	373	35	-90	360	5m @ 27.6% Mn from 26m
WDRC854	322841	7524503	376	32	-90	360	6m @ 26% Mn from 24m
WDRC855	322789	7524500	380	28	-90	360	4m @ 36.8% Mn from 20m
WDRC856	322747	7524496	385	24	-90	360	6m @ 40% Mn from 15m
WDRC857	322703	7524493	389	20	-90	360	7m @ 32.4% Mn from 10m
WDRC858	323141	7524299	362	46	-90	360	3m @ 28.2% Mn from 40m
WDRC859	323091	7524302	364	44	-90	360	4m @ 27% Mn from 38m
WDRC860	323045	7524303	369	43	-90	360	5m @ 21.1% Mn from 34m
WDRC861	322951	7524303	374	36	-90	360	7m @ 22.8% Mn from 27m
WDRC862	323000	7524301	371	40	-90	360	7m @ 19.7% Mn from 31m
WDRC863	322902	7524301	375	32	-90	360	5m @ 27.7% Mn from 24m
WDRC864	322851	7524302	377	28	-90	360	4m @ 25.4% Mn from 22m
WDRC865	322805	7524306	381	25	-90	360	5m @ 30.7% Mn from 18m
WDRC866	322745	7524289	388	24	-90	360	5m @ 30.5% Mn from 12m
WDRC867	323144	7524202	361	48	-90	360	3m @ 32.2% Mn from 42m
WDRC868	323095	7524203	367	44	-90	360	5m @ 24.8% Mn from 36m
WDRC869	323049	7524202	369	42	-90	360	6m @ 26.6% Mn from 32m

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WDRC870	322950	7524202	372	36	-90	360	4m @ 23.9% Mn from 28m
WDRC871	322899	7524200	377	32	-90	360	4m @ 20.9% Mn from 22m
WDRC872	322855	7524200	379	26	-90	360	4m @ 35.2% Mn from 20m
WDRC873	322812	7524198	383	26	-90	360	5m @ 33.8% Mn from 18m
WDRC874	323196	7523700	360	52	-90	360	2m @ 17.9% Mn from 44m
WDRC875	323149	7523702	364	48	-90	360	4m @ 20.2% Mn from 42m
WDRC876	323093	7523698	367	44	-90	360	3m @ 17.3% Mn from 37m
WDRC877	323049	7523702	371	41	-90	360	4m @ 19.3% Mn from 33m
WDRC878	323001	7523707	373	34	-90	360	3m @ 27.4% Mn from 29m
WDRC879	322997	7523652	375	34	-90	360	4m @ 17.5% Mn from 28m
WDRC880	322954	7523698	379	32	-90	360	4m @ 21% Mn from 23m
WDRC881	323202	7523597	359	54	-90	360	1m @ 21% Mn from 46m
WDRC882	323144	7523599	363	51	-90	360	2m @ 17.4% Mn from 43m
WDRC883	323100	7523600	368	45	-90	360	4m @ 21% Mn from 38m
WDRC884	323045	7523600	372	40	-90	360	4m @ 17% Mn from 32m
WDRC885	323002	7523600	373	36	-90	360	3m @ 22.7% Mn from 30m
WDRC886	322998	7523552	374	36	-90	360	3m @ 21% Mn from 30m
WDRC887	322954	7523555	377	30	-90	360	2m @ 23.5% Mn from 27m
WDRC888	322952	7523594	378	30	-90	360	2m @ 25.6% Mn from 25m
WDRC889	322948	7523646	378	28	-90	360	2m @ 28.6% Mn from 21m
WDRC891	322902	7523702	381	25	-90	360	2m @ 42.5% Mn from 17m
WDRC892	322894	7523544	383	24	-90	360	1m @ 24.4% Mn from 17m
WDRC893	322897	7523501	383	24	-90	360	2m @ 23.2% Mn from 17m
WDRC894	322955	7523498	379	35	-90	360	3m @ 25.4% Mn from 25m
WDRC895	323004	7523497	373	41	-90	360	2m @ 31.5% Mn from 33m
WDRC896	323046	7523501	372	44	-90	360	3m @ 22% Mn from 34m
WDRC897	323103	7523500	367	50	-90	360	2m @ 13.9% Mn from 41m
WDRC898	323148	7523500	363	54	-90	360	1m @ 16.3% Mn from 45m
WDRC900	322995	7523457	374	39	-90	360	2m @ 16.6% Mn from 30m
WDRC901	322947	7523456	380	31	-90	360	2m @ 25.6% Mn from 23m
WDRC902	322904	7523443	383	24	-90	360	1m @ 38.1% Mn from 17m
WDRC907	322998	7523404	375	36	-90	360	3m @ 24.7% Mn from 30m
WDRC908	322952	7523403	379	36	-90	360	2m @ 40.8% Mn from 24m
WDRC909	322911	7523398	383	24	-90	360	2m @ 22.6% Mn from 17m
WDRC910	322888	7523607	382	24	-90	360	2m @ 39.5% Mn from 16m
WDRC912	322739	7523794	400	16	-90	360	4m @ 33.9% Mn from 3m
WDRC913	322738	7523750	401	13	-90	360	5m @ 30.4% Mn from 2m
WDRC914	322778	7523751	393	16	-90	360	4m @ 38.3% Mn from 6m
WDRC915	322740	7523700	400	14	-90	360	5m @ 38.6% Mn from 3m
WDRC916	322787	7523701	392	16	-90	360	3m @ 39.8% Mn from 8m
WDRC917	322819	7523701	389	16	-90	360	3m @ 21.9% Mn from 8m
WDRC918	322804	7523650	390	14	-90	360	2m @ 29.5% Mn from 7m
WDRC920	322747	7523598	400	10	-90	360	2m @ 34.8% Mn from 1m
WDRC922	322818	7523602	388	14	-90	360	1m @ 22.2% Mn from 10m

WDRC923	322748	7523544	398	12	-90	360	1m @ 36.6% Mn from 4m
WDRC925	322749	7523502	399	10	-90	360	1m @ 23.7% Mn from 3m
WDRC926	322799	7523502	392	16	-90	360	2m @ 32.4% Mn from 8m
WDRC927	322799	7523454	393	14	-90	360	2m @ 31.2% Mn from 7m
WDRC928	322763	7523449	399	12	-90	360	3m @ 24.2% Mn from 2m
WDRC929	322797	7523400	395	12	-90	360	1m @ 37% Mn from 5m

APPENDIX 3: WANDANYA IRON DEPOSIT SUMMARY DRILL HOLE COMPOSITES (>50% Fe)

Hole ID	E_GDA94	N_GDA94	RL	EOH	DIP	AZIMUTH	Drill Intersection
WDRC036	322838	7525534	404	20	-90	360	2m @ 54.8% Fe from 9m
WDRC045	322561	7525537	432	20	-90	360	3m @ 51% Fe from 1m
WDRC046	322595	7525536	432	20	-90	360	7m @ 55% Fe from 0m
WDRC047	322636	7525535	429	20	-90	360	11m @ 56.1% Fe from 0m
WDRC048	322680	7525536	424	40	-90	360	7m @ 56.9% Fe from 1m
WDRC049	322722	7525536	422	20	-90	360	6m @ 53.1% Fe from 0m
WDRC050	322761	7525536	419	20	-90	360	6m @ 55.3% Fe from 0m
WDRC051	322800	7525533	410	40	-90	360	2m @ 52.3% Fe from 5m
WDRC052	322281	7525902	434	20	-90	360	2m @ 53% Fe from 0m
WDRC053	322320	7525896	435	20	-90	360	5m @ 56.8% Fe from 0m
WDRC054	322359	7525898	433	30	-90	360	13m @ 56.8% Fe from 0m
WDRC055	322399	7525898	429	24	-90	360	12m @ 55.8% Fe from 2m
WDRC056	322436	7525899	428	30	-90	360	14m @ 59.7% Fe from 1m
WDRC057	322470	7525900	422	30	-90	360	13m @ 59.3% Fe from 4m
WDRC058	322517	7525899	421	24	-90	360	14m @ 56.4% Fe from 3m
WDRC059	322562	7525895	418	20	-90	360	8m @ 55.1% Fe from 4m
WDRC060	322598	7525904	416	20	-90	360	8m @ 57% Fe from 3m
WDRC061	322639	7525897	407	20	-90	360	4m @ 56% Fe from 12m
WDRC062	322679	7525901	417	20	-90	360	2m @ 50.9% Fe from 0m
WDRC063	322720	7525898	415	20	-90	360	3m @ 53.1% Fe from 0m
WDRC073	322249	7526196	435	24	-90	360	10m @ 58% Fe from 1m
WDRC074	322240	7526152	437	20	-90	360	4m @ 52.8% Fe from 0m
WDRC075	322245	7526102	437	20	-90	360	2m @ 57.6% Fe from 0m
WDRC076	322261	7526058	435	20	-90	360	4m @ 51.4% Fe from 2m
WDRC077	322287	7526000	436	20	-90	360	8m @ 58.6% Fe from 0m
WDRC078	322299	7525952	434	20	-90	360	9m @ 57.2% Fe from 0m
WDRC079	322297	7525851	433	20	-90	360	5m @ 55.2% Fe from 0m
WDRC080	322346	7525798	435	30	-90	360	11m @ 54.6% Fe from 0m
WDRC081	322399	7525750	437	20	-90	360	6m @ 51.8% Fe from 0m
WDRC082	322439	7525703	436	20	-90	360	5m @ 57.9% Fe from 0m
WDRC083	322498	7525651	435	20	-90	360	2m @ 53.6% Fe from 0m
WDRC084	322543	7525600	434	18	-90	360	9m @ 54.5% Fe from 0m
WDRC085	322521	7525461	430	20	-90	360	1m @ 50.6% Fe from 0m
WDRC086	322560	7525460	426	18	-90	360	1m @ 51.3% Fe from 5m

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WDRC087	322600	7525462	430	18	-90	360	6m @ 55.1% Fe from 0m
WDRC088	322640	7525464	424	18	-90	360	4m @ 57.3% Fe from 3m
WDRC089	322680	7525465	420	18	-90	360	2m @ 55.3% Fe from 4m
WDRC090	322719	7525461	418	30	-90	360	1m @ 56% Fe from 2m
WDRC091	322763	7525462	415	18	-90	360	1m @ 50.9% Fe from 2m
WDRC093	322803	7525425	409	18	-90	360	2m @ 54.6% Fe from 5m
WDRC157	322237	7526299	434	20	-90	360	9m @ 57.8% Fe from 0m
WDRC158	322279	7526297	430	20	-90	360	9m @ 62.6% Fe from 0m
WDRC159	322314	7526295	426	20	-90	360	8m @ 59.6% Fe from 2m
WDRC160	322360	7526293	421	20	-90	360	6m @ 55.2% Fe from 4m
WDRC161	322395	7526298	419	30	-90	360	5m @ 55.4% Fe from 4m
WDRC163	322477	7526297	409	20	-90	360	3m @ 58.5% Fe from 9m
WDRC164	322519	7526296	409	20	-90	360	4m @ 58% Fe from 7m
WDRC176	322240	7526498	430	18	-90	360	5m @ 55.2% Fe from 0m
WDRC177	322278	7526498	425	18	-90	360	3m @ 50.7% Fe from 3m
WDRC179	322357	7526499	420	18	-90	360	5m @ 54.9% Fe from 2m
WDRC180	322401	7526495	412	18	-90	360	4m @ 56.1% Fe from 7m
WDRC181	322437	7526502	410	18	-90	360	4m @ 55.9% Fe from 6m
WDRC183	322518	7526501	406	18	-90	360	2m @ 54.7% Fe from 7m
WDRC193	322282	7526098	436	18	-90	360	9m @ 57.6% Fe from 0m
WDRC194	322320	7526097	430	18	-90	360	11m @ 56.6% Fe from 3m
WDRC195	322360	7526097	430	18	-90	360	12m @ 55.8% Fe from 0m
WDRC196	322400	7526098	425	24	-90	360	16m @ 58.1% Fe from 2m
WDRC197	322436	7526096	421	24	-90	360	12m @ 57.9% Fe from 3m
WDRC198	322474	7526104	416	18	-90	360	7m @ 56.2% Fe from 5m
WDRC199	322521	7526091	412	18	-90	360	4m @ 57.8% Fe from 6m
WDRC229	322251	7526600	428	18	-90	360	3m @ 56.9% Fe from 0m
WDRC230	322252	7526560	429	18	-90	360	3m @ 54.2% Fe from 0m
WDRC231	322250	7526523	429	18	-90	360	2m @ 54.5% Fe from 1m
WDRC232	322251	7526483	429	18	-90	360	7m @ 54.4% Fe from 0m
WDRC233	322250	7526442	429	18	-90	360	6m @ 56.4% Fe from 0m
WDRC235	322249	7526359	431	18	-90	360	6m @ 57.3% Fe from 0m
WDRC236	322248	7526316	432	18	-90	360	9m @ 59.2% Fe from 0m
WDRC237	322246	7526280	434	18	-90	360	10m @ 59.2% Fe from 0m
WDRC238	322249	7526240	435	18	-90	360	10m @ 57.5% Fe from 0m
WDRC240	322515	7525695	435	18	-90	360	12m @ 56% Fe from 0m
WDRC241	322554	7525696	433	18	-90	360	15m @ 55.3% Fe from 0m
WDRC242	322616	7525695	425	18	-90	360	12m @ 58.7% Fe from 0m
WDRC243	322639	7525695	423	18	-90	360	8m @ 58% Fe from 2m
WDRC244	322678	7525695	423	18	-90	360	11m @ 58.7% Fe from 0m
WDRC245	322717	7525697	414	18	-90	360	4m @ 55.3% Fe from 4m
WDRC246	322758	7525697	413	18	-90	360	5m @ 56% Fe from 4m
WDRC247	322799	7525696	408	18	-90	360	4m @ 56.5% Fe from 6m
WDRC285	322303	7526251	430	20	-90	360	10m @ 59.8% Fe from 0m

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WDRC286	322351	7526249	425	20	-90	360	9m @ 58.5% Fe from 2m
WDRC287	322398	7526251	418	20	-90	360	5m @ 54.8% Fe from 6m
WDRC288	322448	7526249	414	20	-90	360	6m @ 59.3% Fe from 7m
WDRC289	322499	7526250	411	20	-90	360	4m @ 56.3% Fe from 7m
WDRC290	322548	7526251	411	20	-90	360	1m @ 53.4% Fe from 5m
WDRC300	322505	7526361	407	20	-90	360	3m @ 56.8% Fe from 8m
WDRC301	322454	7526358	409	20	-90	360	4m @ 58.4% Fe from 9m
WDRC302	322406	7526355	415	20	-90	360	6m @ 56% Fe from 6m
WDRC303	322354	7526353	421	18	-90	360	7m @ 57.1% Fe from 4m
WDRC304	322303	7526355	427	18	-90	360	8m @ 60.9% Fe from 1m
WDRC309	322550	7526408	407	18	-90	360	2m @ 54.9% Fe from 7m
WDRC310	322492	7526411	407	18	-90	360	3m @ 57.1% Fe from 8m
WDRC311	322452	7526408	407	18	-90	360	3m @ 57.5% Fe from 10m
WDRC312	322398	7526408	413	18	-90	360	3m @ 62.3% Fe from 7m
WDRC313	322351	7526405	418	18	-90	360	4m @ 59.1% Fe from 6m
WDRC314	322301	7526403	426	18	-90	360	7m @ 59.6% Fe from 1m
WDRC326	322503	7526453	408	18	-90	360	4m @ 56.5% Fe from 7m
WDRC327	322451	7526453	417	18	-90	360	4m @ 52.4% Fe from 0m
WDRC328	322403	7526456	414	18	-90	360	6m @ 56.8% Fe from 6m
WDRC329	322352	7526457	421	18	-90	360	6m @ 56.2% Fe from 2m
WDRC330	322300	7526454	427	18	-90	360	7m @ 55.6% Fe from 0m
WDRC331	322292	7526557	427	18	-90	360	3m @ 52.7% Fe from 0m
WDRC332	322350	7526550	423	18	-90	360	6m @ 57.3% Fe from 0m
WDRC333	322401	7526547	415	18	-90	360	5m @ 54.9% Fe from 5m
WDRC334	322452	7526552	418	18	-90	360	5m @ 57.2% Fe from 0m
WDRC335	322499	7526557	408	18	-90	360	4m @ 54.4% Fe from 7m
WDRC359	322552	7526604	406	18	-90	360	4m @ 56.6% Fe from 8m
WDRC360	322501	7526605	409	18	-90	360	5m @ 56.4% Fe from 7m
WDRC361	322452	7526606	413	18	-90	360	5m @ 56% Fe from 6m
WDRC362	322397	7526603	418	18	-90	360	4m @ 55.5% Fe from 3m
WDRC363	322345	7526603	423	18	-90	360	1m @ 53.4% Fe from 1m
WDRC364	322300	7526604	426	18	-90	360	1m @ 53.2% Fe from 0m
WDRC366	322402	7526652	420	18	-90	360	4m @ 56.1% Fe from 1m
WDRC367	322453	7526648	412	18	-90	360	6m @ 54.8% Fe from 6m
WDRC368	322506	7526650	409	18	-90	360	6m @ 54.6% Fe from 7m
WDRC369	322555	7526651	407	18	-90	360	5m @ 55.9% Fe from 8m
WDRC370	322603	7526649	405	18	-90	360	4m @ 57.3% Fe from 9m
WDRC378	322606	7526703	404	18	-90	360	3m @ 60.1% Fe from 10m
WDRC379	322551	7526705	408	18	-90	360	6m @ 55.2% Fe from 8m
WDRC380	322502	7526697	409	18	-90	360	5m @ 56.1% Fe from 8m
WDRC381	322456	7526701	414	18	-90	360	7m @ 55.1% Fe from 4m
WDRC382	322406	7526700	423	18	-90	360	6m @ 56.9% Fe from 0m
WDRC384	322351	7526750	430	18	-90	360	1m @ 51.9% Fe from 0m
WDRC385	322399	7526749	425	18	-90	360	4m @ 54.1% Fe from 0m

WDRC386	322450	7526749	416	18	-90	360	5m @ 53.2% Fe from 3m
WDRC387	322495	7526750	410	18	-90	360	5m @ 54% Fe from 7m
WDRC388	322539	7526750	406	18	-90	360	6m @ 55.4% Fe from 8m
WDRC389	322598	7526751	403	18	-90	360	3m @ 56.5% Fe from 13m
WDRC396	322647	7526802	400	20	-90	360	1m @ 51.8% Fe from 16m
WDRC397	322596	7526802	403	20	-90	360	3m @ 54.6% Fe from 14m
WDRC398	322549	7526802	404	20	-90	360	3m @ 56.8% Fe from 14m
WDRC399	322498	7526798	408	18	-90	360	4m @ 55% Fe from 7m
WDRC400	322452	7526798	413	12	-90	360	4m @ 54.1% Fe from 5m
WDRC401	322401	7526802	422	18	-90	360	6m @ 54.7% Fe from 1m
WDRC402	322349	7526818	428	12	-90	360	3m @ 53.6% Fe from 0m
WDRC403	322351	7526852	426	12	-90	360	5m @ 53.7% Fe from 0m
WDRC404	322400	7526849	420	18	-90	360	7m @ 53.5% Fe from 2m
WDRC405	322452	7526852	410	18	-90	360	3m @ 55.9% Fe from 7m
WDRC410	322601	7526856	403	20	-90	360	3m @ 57.4% Fe from 15m
WDRC411	322551	7526856	407	21	-90	360	6m @ 57.8% Fe from 13m
WDRC412	322512	7526860	409	20	-90	360	6m @ 58% Fe from 12m
WDRC413	322478	7526901	410	20	-90	360	6m @ 52.7% Fe from 12m
WDRC417	322656	7526906	400	24	-90	360	2m @ 53.1% Fe from 18m
WDRC418	322600	7526904	401	26	-90	360	2m @ 54.2% Fe from 20m
WDRC419	322553	7526904	406	27	-90	360	5m @ 57.4% Fe from 17m
WDRC420	322506	7526903	410	24	-90	360	8m @ 56.1% Fe from 14m
WDRC456	322402	7526905	417	21	-90	360	7m @ 56% Fe from 3m
WDRC457	322347	7526901	424	21	-90	360	6m @ 54.2% Fe from 1m
WDRC458	322404	7527001	411	18	-90	360	4m @ 53.8% Fe from 8m
WDRC459	322348	7527002	417	25	-90	360	5m @ 54.1% Fe from 6m
WDRC460	322310	7527004	422	21	-90	360	3m @ 52.4% Fe from 3m
WDRC461	322351	7527101	413	23	-90	360	1m @ 52.2% Fe from 9m
WDRC464	322379	7527207	413	18	-90	360	1m @ 53.3% Fe from 10m
WDRC465	322343	7527208	420	18	-90	360	1m @ 53.4% Fe from 6m
WDRC466	322302	7527205	430	12	-90	360	1m @ 50.5% Fe from 0m
WDRC468	322321	7527302	427	12	-90	360	2m @ 54.8% Fe from 4m
WDRC469	322349	7527303	425	18	-90	360	2m @ 52.1% Fe from 3m
WDRC470	322406	7527301	416	24	-90	360	4m @ 51.4% Fe from 11m
WDRC471	322324	7527407	434	12	-90	360	3m @ 53.2% Fe from 0m
WDRC472	322342	7527410	431	18	-90	360	5m @ 53.9% Fe from 2m
WDRC473	322395	7527403	416	24	-90	360	4m @ 53.8% Fe from 14m
WDRC477	322498	7527009	403	36	-90	360	4m @ 54% Fe from 25m
WDRC478	322548	7527005	402	36	-90	360	4m @ 52.6% Fe from 25m
WDRC479	322595	7527000	397	36	-90	360	1m @ 53.7% Fe from 27m
WDRC481	322678	7527002	397	30	-90	360	1m @ 55% Fe from 22m
WDRC488	322545	7527100	397	40	-90	360	3m @ 53.2% Fe from 30m
WDRC489	322587	7527091	395	40	-90	360	2m @ 52.6% Fe from 28m
WDRC493	322453	7527309	407	33	-90	360	2m @ 55% Fe from 22m

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WDRC494	322506	7527312	400	42	-90	360	2m @ 52.9% Fe from 34m
WDRC511	322257	7527486	437	18	-90	360	1m @ 52.5% Fe from 0m
WDRC528	322599	7527817	426	30	-90	360	1m @ 51.2% Fe from 3m
WDRC529	322647	7527807	411	28	-90	360	3m @ 53.1% Fe from 15m
WDRC532	322801	7527806	385	55	-90	360	1m @ 50.4% Fe from 48m
WDRC533	322841	7527802	382	60	-90	360	1m @ 53.3% Fe from 52m
WDRC544	322449	7527002	408	26	-90	360	5m @ 54.2% Fe from 15m
WDRC545	322297	7526203	432	26	-90	360	14m @ 58.5% Fe from 0m
WDRC546	322348	7526205	427	24	-90	360	8m @ 56.3% Fe from 1m
WDRC547	322395	7526203	420	27	-90	360	1m @ 50% Fe from 5m
WDRC548	322444	7526200	415	24	-90	360	6m @ 55.8% Fe from 7m
WDRC549	322497	7526200	412	20	-90	360	5m @ 58.3% Fe from 7m
WDRC559	322549	7526153	408	19	-90	360	1m @ 50.7% Fe from 10m
WDRC560	322498	7526155	414	21	-90	360	6m @ 56.5% Fe from 6m
WDRC561	322449	7526155	417	24	-90	360	7m @ 55.8% Fe from 6m
WDRC562	322400	7526154	422	24	-90	360	11m @ 57.1% Fe from 4m
WDRC563	322344	7526157	429	24	-90	360	10m @ 58.3% Fe from 1m
WDRC564	322302	7526155	432	22	-90	360	13m @ 58.2% Fe from 1m
WDRC565	322302	7526049	436	25	-90	360	13m @ 57.2% Fe from 0m
WDRC566	322352	7526050	430	26	-90	360	14m @ 58% Fe from 1m
WDRC567	322401	7526050	426	30	-90	360	11m @ 57.5% Fe from 1m
WDRC568	322453	7526054	419	24	-90	360	12m @ 57% Fe from 5m
WDRC569	322505	7526063	414	19	-90	360	6m @ 55.3% Fe from 6m
WDRC570	322553	7526055	413	18	-90	360	2m @ 51.7% Fe from 5m
WDRC627	322593	7525998	414	18	-90	360	4m @ 53.8% Fe from 2m
WDRC628	322562	7525997	414	16	-90	360	7m @ 56.3% Fe from 2m
WDRC629	322493	7526004	417	21	-90	360	11m @ 57.6% Fe from 5m
WDRC630	322444	7525999	422	24	-90	360	14m @ 57.9% Fe from 3m
WDRC631	322396	7526001	425	24	-90	360	14m @ 57.4% Fe from 3m
WDRC632	322341	7525998	433	21	-90	360	15m @ 58.4% Fe from 0m
WDRC642	322663	7525947	404	18	-90	360	1m @ 52.4% Fe from 11m
WDRC643	322589	7525950	414	18	-90	360	7m @ 56% Fe from 5m
WDRC644	322528	7525951	416	19	-90	360	8m @ 54.9% Fe from 4m
WDRC645	322497	7525937	421	24	-90	360	16m @ 58.5% Fe from 2m
WDRC646	322435	7525948	426	23	-90	360	17m @ 59% Fe from 1m
WDRC647	322391	7525950	430	24	-90	360	13m @ 54.9% Fe from 0m
WDRC648	322340	7525950	433	20	-90	360	12m @ 57.1% Fe from 0m
WDRC654	322796	7525851	414	24	-90	360	1m @ 54.8% Fe from 0m
WDRC656	322693	7525851	405	20	-90	360	2m @ 52% Fe from 13m
WDRC657	322649	7525850	409	18	-90	360	3m @ 56.7% Fe from 12m
WDRC658	322594	7525851	417	21	-90	360	6m @ 55.4% Fe from 6m
WDRC659	322546	7525850	424	20	-90	360	15m @ 58.6% Fe from 1m
WDRC660	322494	7525849	429	20	-90	360	14m @ 56.8% Fe from 0m
WDRC661	322446	7525839	431	20	-90	360	15m @ 59.5% Fe from 0m

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WDRC662	322393	7525851	433	18	-90	360	11m @ 55.3% Fe from 0m
WDRC663	322346	7525853	435	20	-90	360	10m @ 59.6% Fe from 0m
WDRC672	322699	7525803	406	18	-90	360	1m @ 52.3% Fe from 12m
WDRC673	322648	7525803	416	18	-90	360	3m @ 53.6% Fe from 6m
WDRC674	322595	7525801	420	18	-90	360	9m @ 56.6% Fe from 5m
WDRC675	322545	7525802	427	20	-90	360	16m @ 58.6% Fe from 1m
WDRC676	322499	7525797	427	20	-90	360	13m @ 60.3% Fe from 4m
WDRC677	322448	7525800	432	20	-90	360	15m @ 56.9% Fe from 2m
WDRC678	322394	7525800	436	18	-90	360	13m @ 54.9% Fe from 0m
WDRC685	322792	7525748	410	12	-90	360	1m @ 52% Fe from 4m
WDRC686	322733	7525751	409	14	-90	360	3m @ 58.6% Fe from 5m
WDRC687	322707	7525752	411	12	-90	360	3m @ 55.3% Fe from 5m
WDRC688	322688	7525767	409	12	-90	360	1m @ 54.1% Fe from 6m
WDRC689	322651	7525756	413	12	-90	360	3m @ 53.4% Fe from 6m
WDRC690	322600	7525748	424	15	-90	360	12m @ 57.6% Fe from 0m
WDRC691	322535	7525753	431	24	-90	360	16m @ 58.7% Fe from 1m
WDRC692	322494	7525752	430	22	-90	360	11m @ 53.4% Fe from 4m
WDRC693	322448	7525749	436	18	-90	360	16m @ 56.1% Fe from 0m
WDRC694	322802	7525653	407	12	-90	360	4m @ 54.3% Fe from 4m
WDRC695	322752	7525660	411	12	-90	360	1m @ 52.3% Fe from 4m
WDRC696	322717	7525665	413	11	-90	360	2m @ 53.7% Fe from 4m
WDRC697	322645	7525652	420	17	-90	360	5m @ 56.9% Fe from 8m
WDRC698	322594	7525651	432	18	-90	360	14m @ 56.9% Fe from 0m
WDRC699	322548	7525649	434	12	-90	360	9m @ 57.4% Fe from 0m
WDRC712	322799	7525600	411	15	-90	360	4m @ 55.2% Fe from 3m
WDRC713	322740	7525598	415	16	-90	360	2m @ 52.7% Fe from 3m
WDRC714	322696	7525591	420	15	-90	360	3m @ 53.5% Fe from 4m
WDRC715	322641	7525602	429	15	-90	360	14m @ 56.1% Fe from 0m
WDRC716	322598	7525601	433	17	-90	360	12m @ 58.2% Fe from 0m
WDRC717	322800	7525478	411	14	-90	360	5m @ 55.3% Fe from 1m

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APPENDIX 4: Australian manganese Mineral Resource peer comparison data

As of 18/09/2026						Measured			Indicated			Inferred			Total (M&I)		
Company	Project/ Deposit	Status	Country	Source	Date	Tonnes (Mt)	Grade (%)	Contained (Mt)	Tonnes (Mt)	Grade (%)	Contained (Mt)	Tonnes (Mt)	Grade (%)	Contained (Mt)	Tonnes (Mt)	Grade (%)	Contained (Mt)
South 32 (GEMCO)	Groote Eylandt (Beneficiated ROM)	Operation	Australia	South 32 Annual Report 2026	27/08/2026	58.0	45.0%	-	28.0	41.0%	-	15.0	45.2%	-	101.0	43.6%[1]	20.4
South 32 (GEMCO)	Groote Eylandt (Un-Beneficiated ROM)	Operation	Australia	South 32 Annual Report 2026	28/08/2026	58.0	-	-	28.0	-	-	15.0	-	-	101.0	20.2%[2]	20.4
South 32 (GEMCO)	Groote Eylandt (Sands)	Operation	Australia	South 32 Annual Report 2026	27/08/2026	-	-	-	7.5	20.5%	1.5	-	-	-	7.5	20.5%	1.5
Black Canyon	**Wandanya**	**Scoping**	**Australia**	**Wandanya Maiden Mineral Resource Estimate**	**30/09/2026**	**15.5**	**26.9%**	**4.2**	**6.3**	**22.9%**	**1.4**	**1.8**	**26.7%**	**0.5**	**23.6**	**25.8%**	**6.1**
Consolidated Minerals	Woodie Woodie	Operation	Australia	WAMEX Report A119536	28/03/2019	0.5	28.1%	0.2	32.6	33.2%	10.8	14.5	28.8%	4.2	47.6	31.8%	15.1
Consolidated Minerals	Balfour South	Exploration	Australia	GSWA Manganese investment flyer 2026	10/12/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	21.6	19.4%	4.2
Hancock Prospecting	Nicholas Downs	Exploration	Australia	GSWA Manganese investment flyer 2026	28/02/2026	-	-	-	-	-	-	8.8	23.8%	2.1	8.8	23.8%	2.1
AE Fuels Corporation	South Woodie Woodie	Exploration	Australia	Trek Metals 2025 Annual Report	5/06/2025	-	-	-	-	-	-	11.3	15.0%	1.7	11.3	15.0%	1.7
OM Holdings (OMH)	Bootu Creek	Care & Maint.	Australia	2025 OM Holdings Annual Report	22/04/2026	-	-	-	6.9	13.2%	0.9	-	-	-	6.9	13.2%	0.9
Resource Development Group - Mineral Resources (MIN)	Sunday Hill	Exploration	Australia	Sunday Hill Mineral Resource Statement	1/06/2021	-	-	-	4.0	17.9%	0.7	1.0	19.1%	0.2	5.0	18.0%	0.9
Resource Development Group - Mineral Resources (MIN)	Ant Hill	Exploration	Australia	Mineral Resource Increase for Ant Hill Manganese Project	29/11/2024	-	-	-	4.5	17.9%	0.8	4.1	18.0%	0.7	8.6	17.9%	1.5
OM Holdings (OMH) / Albright Metals (ABR)	Bryah Basin Mn JV	Scoping	Australia	Manganese Mineral Resource Increases to 3.07Mt at 20.2% Mn	24/08/2023	-	-	-	2.1	20.9%	0.4	1.0	18.6%	0.2	3.1	20.2%	0.6
Accelerate Resources (AX8)	Woodie Woodie North	Exploration	Australia	Maiden Manganese Mineral Resources Supports Growth Potential	30/11/2023	-	-	-	-	-	-	1.2	19.1%	0.2	1.2	19.1%	0.2

Notes:

1. S32 reports the beneficiated grade at a 46% yield and in -situ tonnes.
2. Un-beneficiated in situ grade is calculated using the following parameters - Beneficiated Grade of 43.9% Mn and Mass Yield 46% (43.9% Mn x 0.46 = 20.2 %Mn). No account for additional metallurgical recovery from tails or other sources is made on this calculation.