



PARKS REEF

*PLATINUM GROUP METALS
LOW COST - LARGE SCALE*

*STRONG RESOURCE GROWTH POTENTIAL WITH
FOCUS ON EARLY DEVELOPMENT*

INVESTOR PRESENTATION
May 2021

ASX:POD | www.podiumminerals.com

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Exploration Results and Mineral Resources

The information in this Presentation that relates to Exploration Results is based upon and fairly represents information previously released by the Company to ASX on 19 June 2018, 4 December 2018, 5 March 2019, 7 January 2020, 24 February 2020, 23 June 2020, 29 September 2020 and 26th April 2021.

The information in this Presentation that relates to metallurgical testwork results is based upon and fairly represents information previously released by the Company to ASX on 1 October 2018 and 10 October 2019.

The information in this Presentation which relates to Mineral Resources was first released to ASX on 30 November 2020.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement, and that all material assumptions and technical parameters underpinning the mineral resource estimate continue to apply and have not materially changed.

Exploration Target

The information in this Presentation that relates to the Parks Reef Exploration Target is based on and fairly represents information compiled by Mr Jeremy Peters who is a Chartered Professional Geologist and Mining Engineer and a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM CP) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity to which he is undertaking 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 Jeremy Peters is a full-time employee of Snowden Mining Industry Consultants Pty Ltd and consents to the inclusion in this Presentation of the matters based on this information in the form and context in which it appears.

Further details regarding the Exploration Target can be found in the Company's ASX announcement dated 26 March 2019.

The ASX market announcements are available on the Company's web site at: www.podiumminerals.com.au

DEVELOPING A STRATEGIC AUSTRALIAN PGM SUPPLY



- ❑ Podium Minerals Limited (ASX: POD) is focused on the continued growth of its **Parks Reef Project** with a view to becoming **Australia's first Platinum Group Metal (PGM) producer**.

- ❑ Parks Reef consists of a **15km strike length** of thick, continuous, **near surface PGM** and gold plus base metal mineralisation with:
 - **Inferred Mineral Resources containing 1,390,000 ounces of platinum, palladium and gold plus 53,900 tonnes of copper all within 100m of surface and across 8.5km of strike: excludes high value Rhodium**
*25.0Mt @ 1.52g/t 3E PGM plus 14.9Mt @ 0.24% Cu and 0.33g/t 3E PGM includes high value Upper PGM Horizon with 5.8Mt @ 2.01g/t 3E PGM and 0.19% Cu**

- ❑ **Exploration Target** over the full strike length of 3.1 to 5.8 million ounces 3E PGM within 200m of surface (including 1.5 to 2.6 million ounces within 100m of surface);**
 - The deepest depth of drilling to date that intersected the reef in mineralisation was at 253m.

Rare exposure to a large scale, long life PGM asset in Australia

Systematic drilling has delivered low-cost resource growth

Clear work programmes to define development pathway

Multi-year PGM bull market with constrained supply

Accelerating resource growth

***see additional information section at the end of this Presentation. *The potential quantity and grade of the Exploration Target for Parks Reef is conceptual in nature, there has been insufficient exploration to estimate further Mineral Resources and it is uncertain if further exploration will result in the determination of additional Mineral Resources*

** see additional information section at the end of this Presentation for full resource estimate tables*

DEVELOPING A STRATEGIC AUSTRALIAN PGM SUPPLY



- The most significant drill intersections in terms of thickness and grade achieved to date:

Drill hole PRRC135 recorded multiple layers of significant PGM mineralisation:

4m @ 1.69g/t 3E PGM from 74m; plus

7m @ 5.75g/t 3E PGM from 89m; including

1m @ 25.74g/t 3E PGM from 91m;

within a broader intercept of 37m @ 1.81g/t 3E PGM from 74m.

Drill hole PRRC103 recorded:

3m @ 1.73g/t 3E PGM from 134m; plus

6m @ 3.75g/t 3E PGM from 142m; including

1m @ 15.29g/t 3E PGM from 142m.

Drill hole PRRC 026 :

3m @ 2.10g/t 3E PGM & 0.30% Cu from 121m; plus

3m @ 5.70g/t 3E PGM from 127m; including

1m @ 10.60g/t 3E PGM from 129m.

Drill hole PRRC133 recorded:

4m @ 1.63g/t 3E PGM from 12m; plus

14m @ 4.49g/t 3E PGM from 24m; plus

1m @ 1.36g/t 3E PGM from 46m; plus

6m @ 1.65g/t 3E PGM from 52m;

within a broader intercept of 46m @ 2.01g/t 3E PGM from 12m.



❑ **Clear growth strategy with fully funded drilling in progress** for:

- 7,000m of drilling to extend resources along the full 15km strike length;
- 2,100m drill program to define the continuity of the high-grade mineralization in the middle and eastern sections.
- 2,200m drill program to test the western extension below existing drilling to enable resource estimation to 200m below surface.
- Two deep 750m diamond drill holes to test continuity of the reef and magmatic stratigraphy at depth.
- In-fill drilling and depth extension with introduction of a diamond drill rig to expand the resource base and to increase confidence in high grade and thick mineralised zones.

- Commencement of conceptual mine optimisation and economic analysis
- Appointment of a leading global independent metallurgical services group for a comprehensive PFS level flowsheet test work programme.

❑ PGM fundamentals remain strong. Current price of **US\$1,996 per ounce** 3E PGM for the metal split in Parks Reef mineral resources. Refer to slide 12 for additional information.

❑ **Base metal credits** in the main form of copper

❑ Identified **high value rhodium** indicatively adds over 40% to the 3E PGM price. Refer to slide 12 for additional information.

❑ Prospects for **substantial value growth** with continued expansion and de-risking.

COMPANY SNAPSHOT



Capital Structure

Shares on Issue	280,363,682
Market Cap (at 48c)	\$134m
Cash on Hand and receivable 31/03/21	\$6.2m

Directors % shareholding

Clayton Dodd	Executive Chairman	6.50%
Russell Thomson	Director	2.1%
Roberto Castro	NED	4.1%
Cathy Moises	NED	1.3%

Key Shareholders (% shareholding)

Directors	14%
Chesapeake Capital Ltd	4.4%
Drawbridge Fund Ltd	4.2%
Original Resources Pty Ltd ¹	4.1%

Top Holders (% shareholding)

Top 10 Shareholders	35.6%
Top 20 Shareholders	52.1%
Top 50 Shareholders	74.0%

6-Month Share Price Performance



1. Original Resources Pty Ltd is a related party of the Company Chairman

SECURE TENURE

- Flagship Parks Reef Project located in the Mid-West WA.
- Granted **Mining Leases**.
- Mining Agreement with **Native Title** Parties.
- Established mining precinct with regional **infrastructure**.
- **Podium owns 100% of Parks Reef PGM Project.**
- Agreement signed to transfer northern portion of mining leases to EV Metals Australia Pty Ltd (who own Oxide Mining Rights)²:
 - Simplified and strengthened tenure
 - Podium to receive compensation of \$2.4m



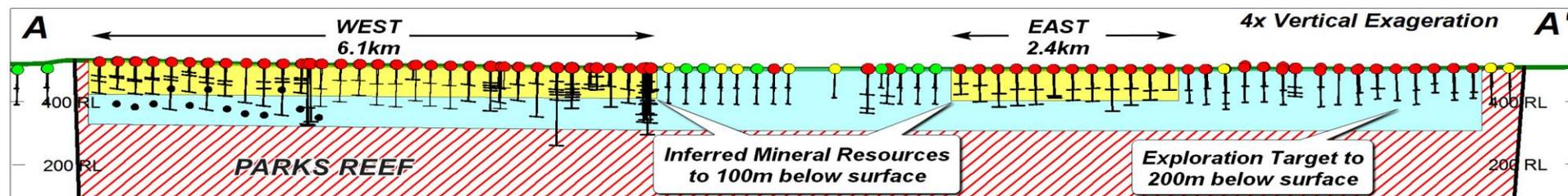
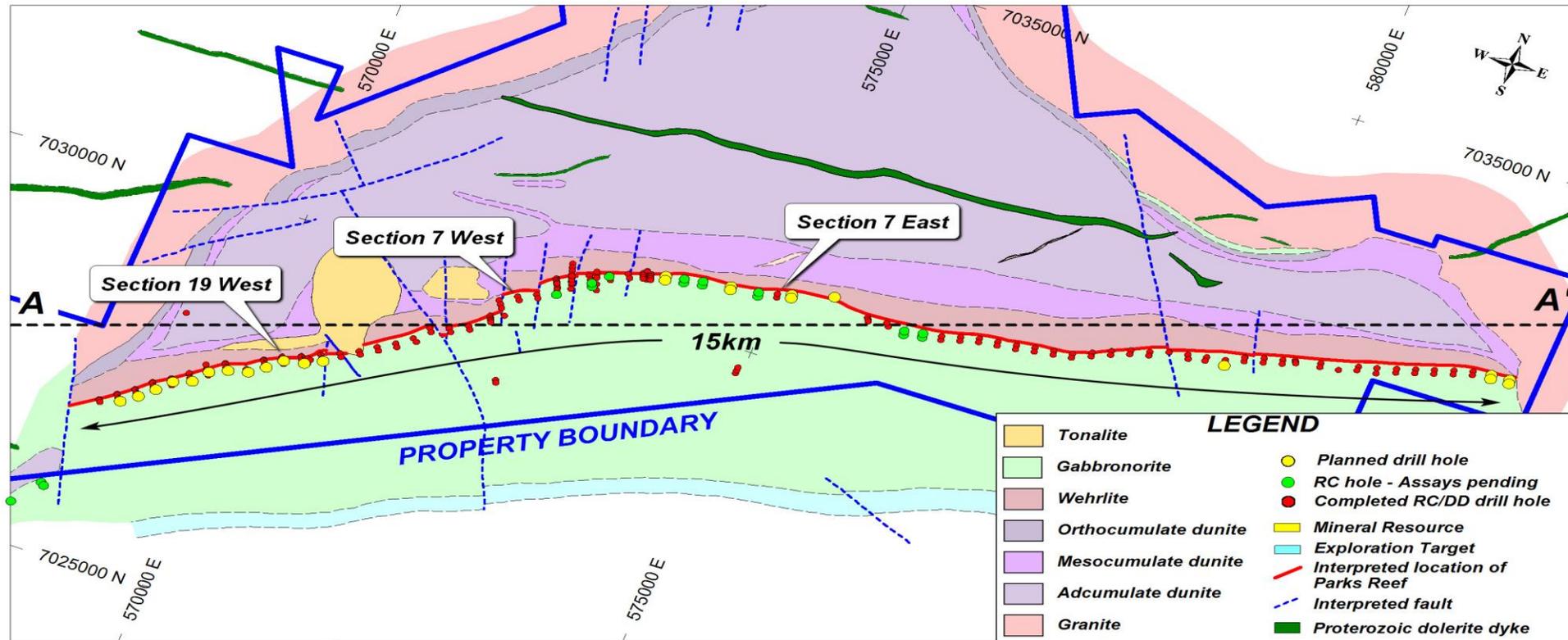
Geraldton Port



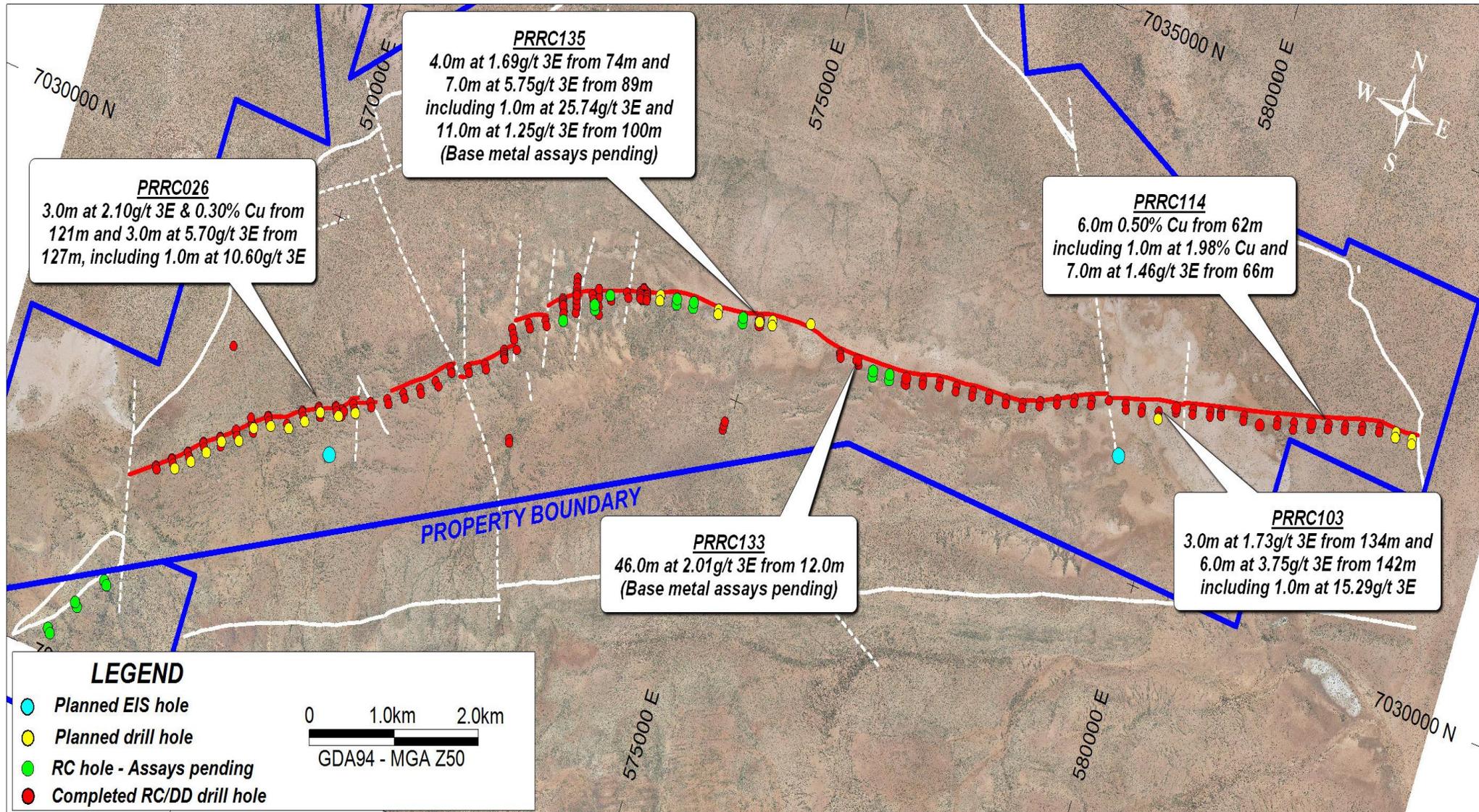
Parks Reef Project Location Map

2. For further details refer to the Company's ASX announcement dated 18 December 2020.

LARGE SCALE AND LONG LIFE OPPORTUNITY



DRILLING ALONG 15KM PARKS REEF



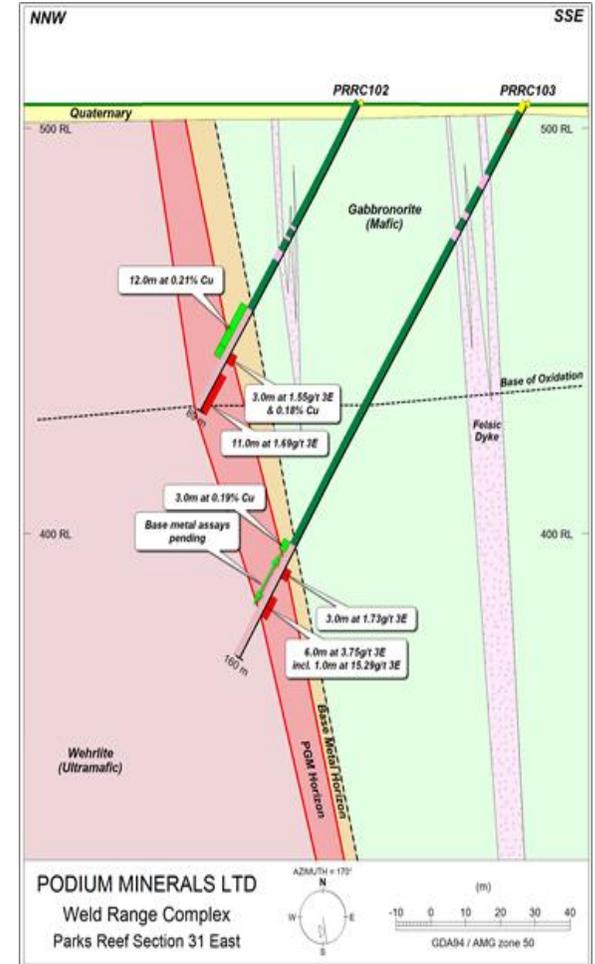
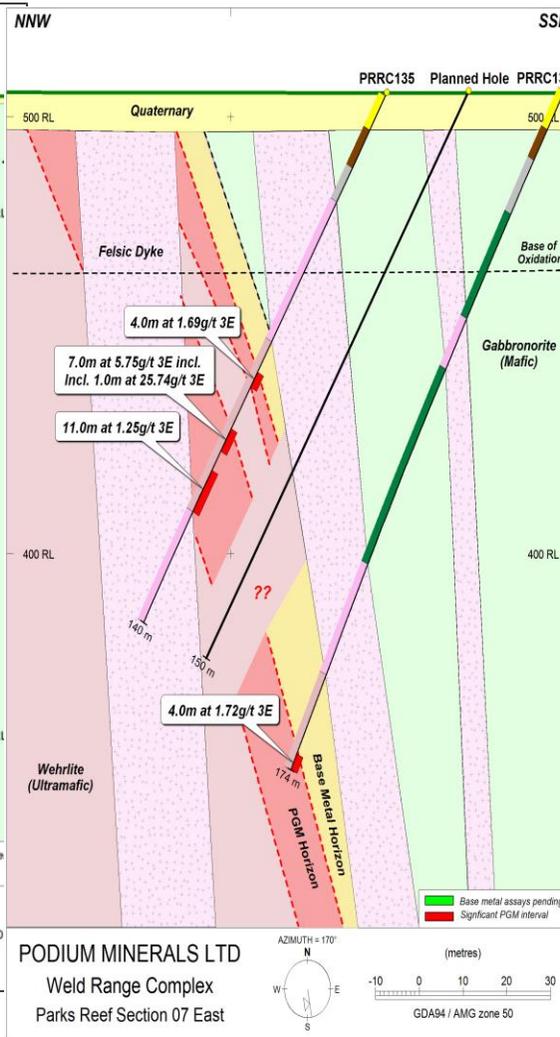
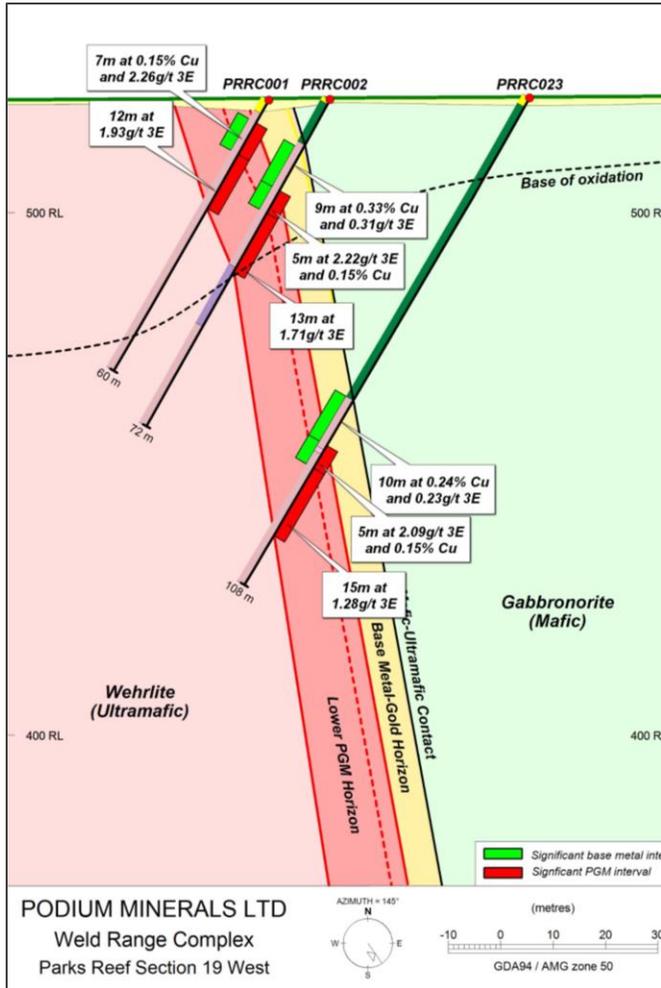
CONSISTENT & PREDICTABLE MINERALISATION



WEST

CENTRAL

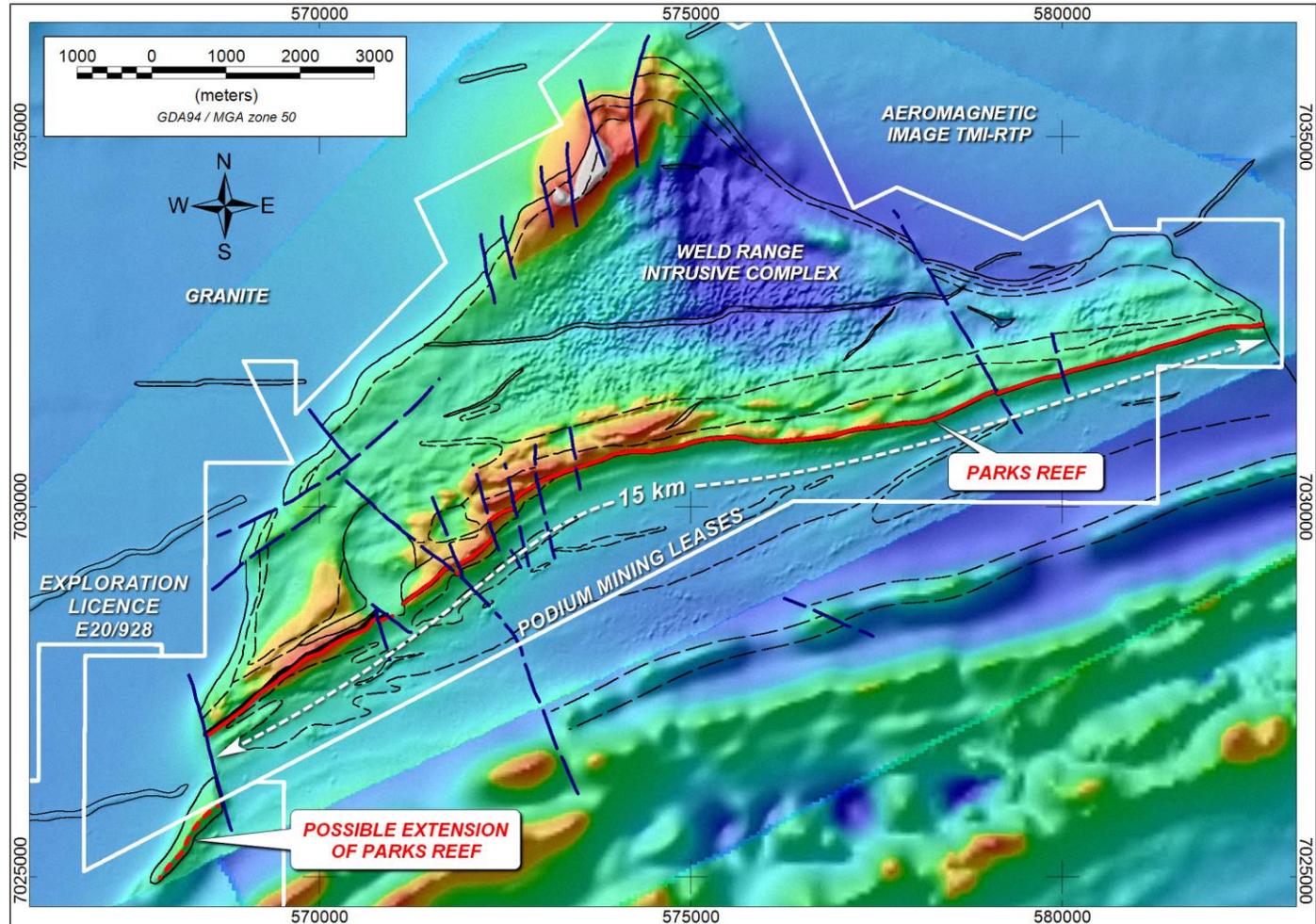
EAST



POTENTIAL 1.2KM EXTENSION OF PARKS REEF

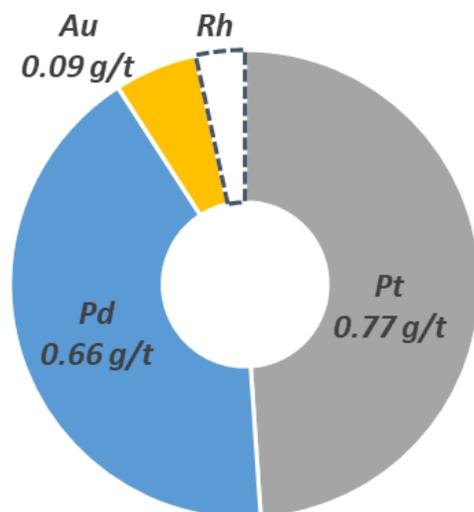
EXPLORATION TO TEST WESTERN FLANK

- Magnetic imagery indicates **potential for a circa 1.2km long extension of the western flank of Parks Reef** which has been fault offset from the currently identified mineralisation.
- Rock chip sampling has identified anomalous PGM results along the mafic / ultramafic contact interpreted from the magnetics.
- Anomalous copper at over 1,000ppm aligns with stratigraphy in Parks Reef.
- Podium has drill tested this target, assays are pending .



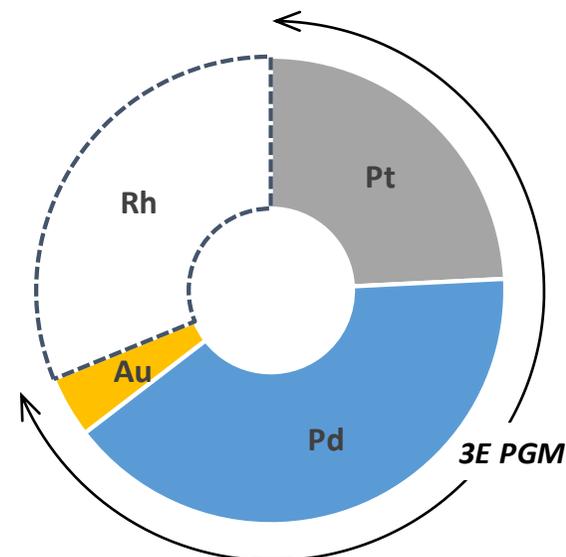
WHAT MAKES A PGM OUNCE OF PARKS REEF

METAL SPLIT – 1.52g/t 3E PGM



February 2021 average
US\$ 1,737
per oz 3E PGM

WEIGHTED PRICE PER OUNCE



- Resource grade 1.52g/t 3E PGM in main PGM Horizon
- Rhodium assays indicate grade of circa 3% to 4% of 3E PGM grade³
- Plus base metal credits (copper and nickel)

- Indicative weighted price of 3E PGM⁴ in resource of **US\$1,996 (A\$2,586)** per ounce.
- **Rhodium⁵ indicatively adds over 40%** to the 3E PGM price or based on above, US\$800.
- Analysis **excludes any base metal credits in copper and nickel.**

3. Refer Podium's ASX announcement dated 24 February 2020

4. 3E PGM base prices as published by Johnson Matthey on 3/05/21

5. Rhodium base price as published by Johnson Matthey on 3/05/21

STRATEGIC SUPPLY OPPORTUNITY

Fundamental supply – demand imbalance driving multi-year PGM bull market

PLATINUM

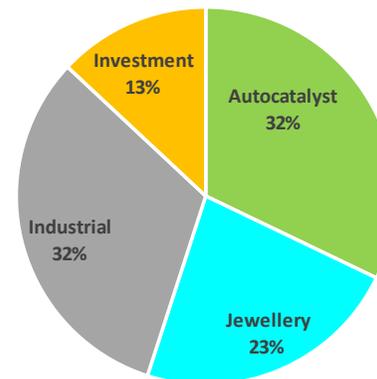
- Rare precious / industrial metal with unique catalytic and physical properties.
- World production dominated by South Africa (65%), Russia (14%) and Zimbabwe (10%).
- Diverse use in autocatalysts, jewellery and specialty industrial applications.
- Dominant material for diesel engine emission controls.
- Potential game-changer with platinum as electrode material for zero emission hydrogen fuel cells.
- Current price: *US\$1,207oz



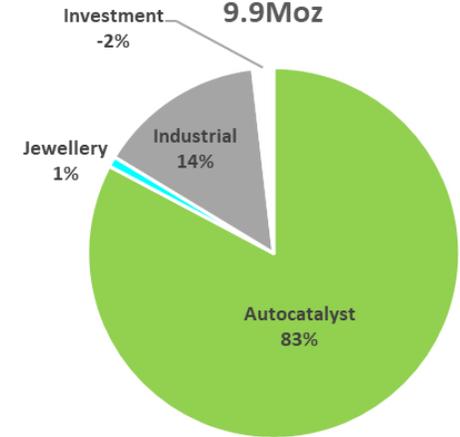
PALLADIUM

- Dominant material for gasoline (petrol) engine emission controls including hybrids.
- World production dominated by South Africa (32%), Russia (44%) and Zimbabwe (6%).
- Continued year on year demand growth as stricter emission standards adopted globally.
- Ongoing fundamental supply – demand imbalance with **600koz supply deficit** in 2020.
- Current price: *US\$2,955

2020 Platinum Demand
6.9Moz



2020 Palladium Demand
9.9Moz



* source Johnson Matthey base prices as published on 3/05/2021

Data Source: Johnson Matthey 'PGM Market Report - February 2021'

HIGH VALUE RHODIUM IDENTIFIED

WHAT IS RHODIUM?

- **Used to clean nitrogen oxides (NO_x) from the exhausts of petrol and hybrid electric vehicles.**
- Upward price trend since 2016 with **rising demand and declining mine supply.**
- **Increasing demand** as more stringent vehicle emission regulations are being adopted in most major auto markets.
- With no supply response the rhodium price increased from US\$2,460 per ounce at the beginning of 2019 to **a current high of *US\$29,500 per ounce:**

*source Johnson Matthey base price as published on 3/05/2021



RHODIUM ASSAYS

- Samples from seven drill holes from the western and eastern sectors of Parks Reef have been re-assayed for rhodium.
- Rhodium concentration observed in the footwall of the main PGM Horizon:
 - **9m @ 2.16g/t 3E PGM & 0.16g/t Rh** from 15m in hole PRRC001
 - **7m @ 1.90g/t 3E PGM & 0.11g/t Rh** from 31m in hole PRRC002
 - **6m @ 1.51g/t 3E PGM & 0.09g/t Rh** from 91m in hole PRRC023
 - **12m @ 2.47g/t 3E PGM & 0.13g/t Rh** from 15m in hole PRRC065
 - **6m @ 1.46g/t 3E PGM & 0.10g/t Rh** from 84m in hole PRRC066
 - **7m @ 1.37g/t 3E PGM & 0.09g/t Rh** from 60m in hole PRRC069
 - **4m @ 1.29g/t 3E PGM & 0.08g/t Rh** from 132m in hole PRRC070
- Results indicate rhodium grades average 3% to 4% of the 3E PGM grade over the full PGM Horizon

BASE METALS – SUBSTANTIAL COPPER CREDITS

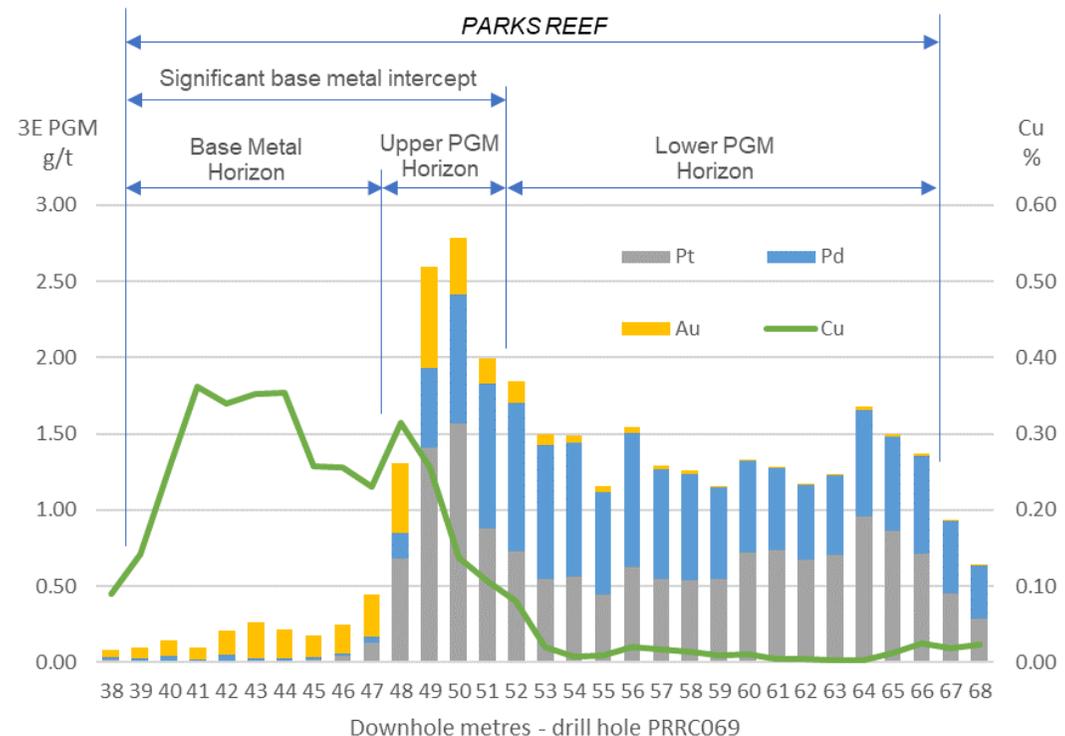


MINERAL RESOURCES INCLUDE 53,900 TONNES COPPER

- Copper and gold enrichment in the hanging wall of Parks Reef (see down-hole metal distribution in figure below).
- High value Upper PGM Horizon with elevated PGM grades with coincident gold and copper provides the opportunity for elevated cash-flow generation in the first stages of production.
- Base Metal Horizon would be mined in an open-pit targeting the main PGM Horizon:
 - economics will be driven by the marginal cost of processing; with
 - opportunity to generate additional revenue and improve mining efficiencies.

DRILL RESULTS INCLUDE:

- Significant base metal intercepts:
 - **18m @ 0.23% Cu & 0.61g/t 3E PGM** from 78m in hole PRRC083
 - **13m @ 0.34% Cu & 1.57g/t 3E PGM** from 14m in hole PRRC094
 - **29m @ 0.23% Cu & 0.55g/t 3E PGM** from 100m in hole PRRC096
- High value upper PGM results:
 - **4m @ 2.00g/t 3E PGM & 0.17% Cu** from 92m in hole PRRC083
 - **6m @ 3.20g/t 3E PGM & 0.31% Cu** from 21m in PRRC094
 - **5m @ 1.92g/t 3E PGM & 0.14% Cu** from 124m in hole PRRC096



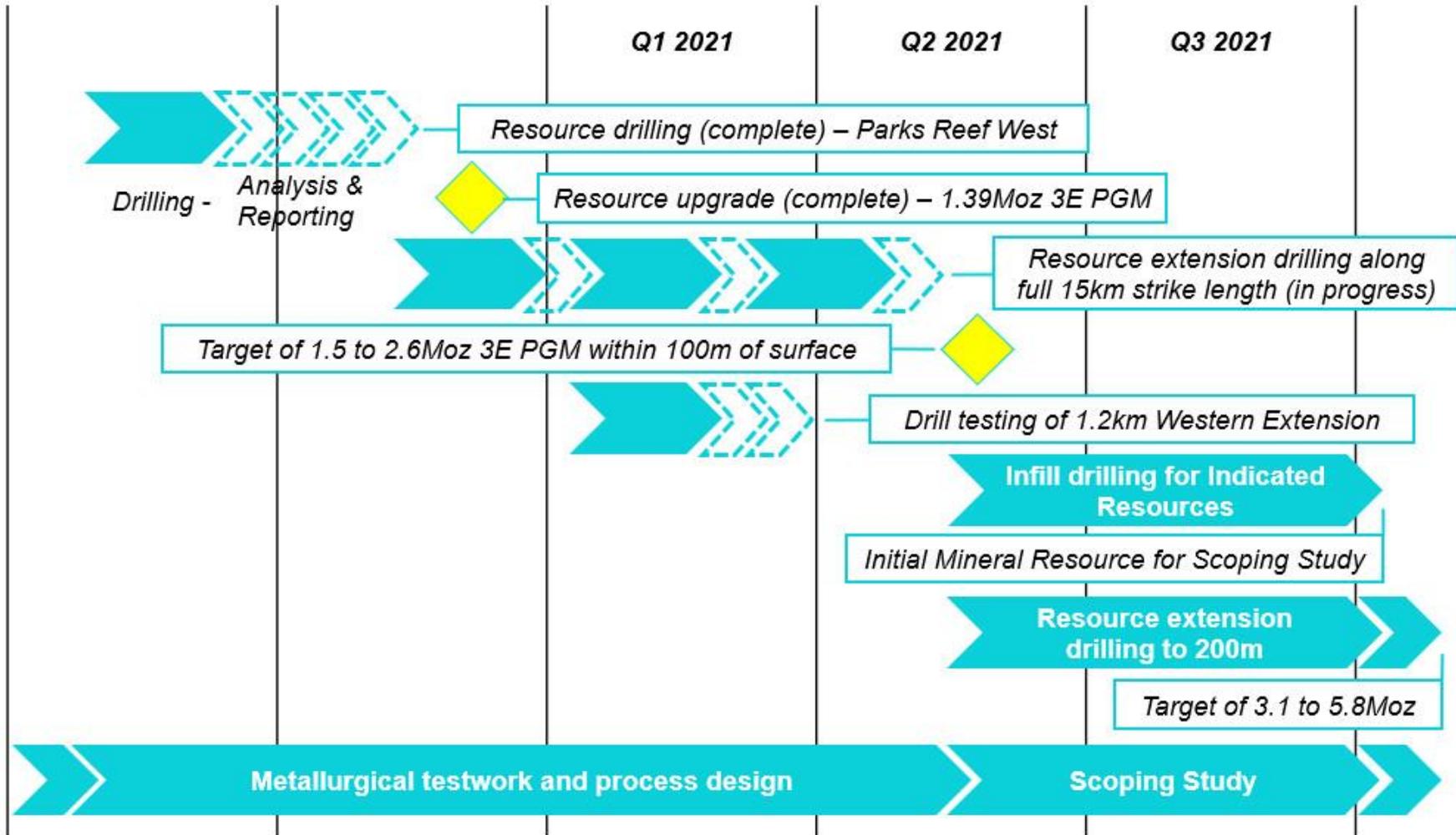
METALLURGICAL TESTWORK

- Bench scale test work by Podium has:
 - demonstrated fresh mineralisation responds to conventional flotation concentration;
 - identified processes for leaching of the target metals in the oxide mineralisation under atmospheric conditions and with rapid leach times using commonly available reagents.
- A leaching process provides opportunity to maximise payable metal recoveries and to produce a high-purity product for marketing direct to a metal refiner.
- Podium has appointed Core Resources a global leader in providing independent metallurgical testing, process/ flowsheet development and technology services for a comprehensive PFS Level Flowsheet development test work programme.

SCOPING STUDY

- Podium has commenced mine optimisation studies and preliminary economic analysis and is planning to engage a recognised engineering group with strong PGM expertise to:
 - support testwork and process design;
 - identify a preferred development plan and project scale targeting a shallow open-pit mine in the first instance; and
 - explore opportunities to minimise initial capex and fast-track to production via a staged development approach.
- The process design and engineering will be incorporated into a **Scoping Study** with:
 - infill drilling of high grade - thick mineralised zones to indicated resource status that maximises revenue during the initial years of mine life.

ACCELERATING ACTIVITY



- ❑ Systematic drilling by Podium at Parks Reef has cost-effectively delivered:
 - **Mineral Resources** containing **1,390,000 ounces 3E PGM** and **53,900 tonnes copper** over 8.5km of strike and within 100m of surface (less than 30% of Exploration Target envelope)
 - **Exploration Target** over the full 15km strike length of **3.1 to 5.8 million ounces 3E PGM** within 200m of surface (including 1.5 to 2.6 million ounces within 100m of surface)
- ❑ Excellent platform for development of a **strategic Australian PGM supply**:
 - **Secure tenure** with Mining Leases and Native Title Agreement executed
 - **Large tonnage** deposit provides optionality around production rates and mine life
 - **Near surface mineralisation** can enable a simple, low cost open-pit mine
 - **Established infrastructure** with sealed road access to multi-commodity port facilities at Geraldton.
- ❑ Clear work programmes underway to define the optimal **pathway to production**:
 - Accelerated **resource growth** with drilling currently in progress
 - **Testwork, mine optimisation and process design** to identify a preferred development strategy
 - **Scoping study** with infill drilling of the initial mining inventory
 - Resource extension **drilling at depth to unlock the full value of Parks Reef.**
- ❑ **Supply constrained PGM market** has driven a multi-year **upward price trend.**
- ❑ Resource growth and delivery of development pathway provides prospects for **significant value creation though 2021 and beyond.**

ADDITIONAL INFORMATION

3E PGM RESOURCE UPGRADE TO 1.39 MILLION OUNCES PLUS 53,900 TONNES COPPER



MINERAL RESOURCES DEFINED OVER 8.5KM OF 15KM STRIKE LENGTH

- Inferred JORC Mineral Resource Estimate for Parks Reef⁶ containing a total of **1,390,000 ounces** of combined **platinum, palladium and gold** plus base metal credits with **53,900 tonnes copper**:

Inferred Resources	Tonnes Mt	Pt g/t	Pd g/t	Au g/t	3E PGM g/t	3E PGM koz	Cu %	Ni %
PGM Horizon	25.0	0.77	0.66	0.09	1.52	1,230	0.08	0.09
Base Metal - Au	14.9	0.12	0.08	0.13	0.33	160	0.24	0.09

Note small discrepancies may occur due to rounding

- Exploration Target⁷** for the main PGM horizon in Parks Reef of **3.1 to 5.8 million ounces** 3E PGM within 200m of surface including 1.5 to 2.6 million ounces 3E PGM within 100m of surface:

Parks Reef Exploration Target	Tonnes (Mt)		Grade (g/t 3E PGM)		Million ounces 3E PGM	
	from	to	from	to	from	to
within 100m depth	40	55	1.2	1.5	1.5	2.6
100m to 200m depth	40	65	1.2	1.5	1.6	3.2
TOTAL	80	120	1.2	1.5	3.1	5.8

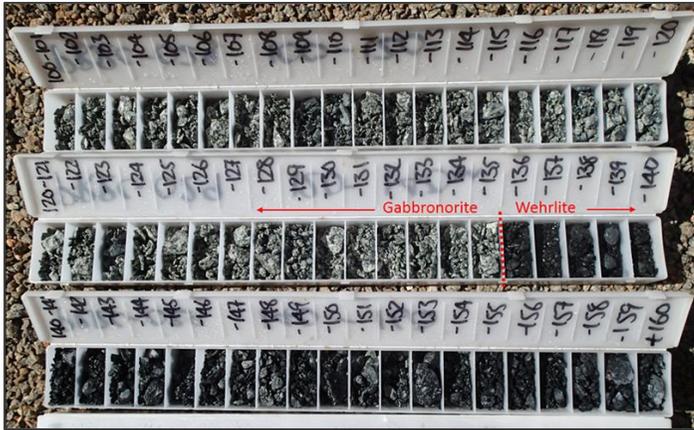
The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate further Mineral Resources and it is uncertain if further exploration will result in the determination of Mineral Resources

- Mineral Resources** have been defined over 8.5km to a depth of 100m representing **less than 30% of the Exploration Target envelope**

6. For further details refer to the Company's ASX announcement dated 30 November 2020

7. For further details refer to the Company's ASX announcement dated 26 March 2019

PREDICTABLE GEOLOGY = LOW DISCOVERY COST



Drill chips from PRRC029 showing mafic-ultramafic contact

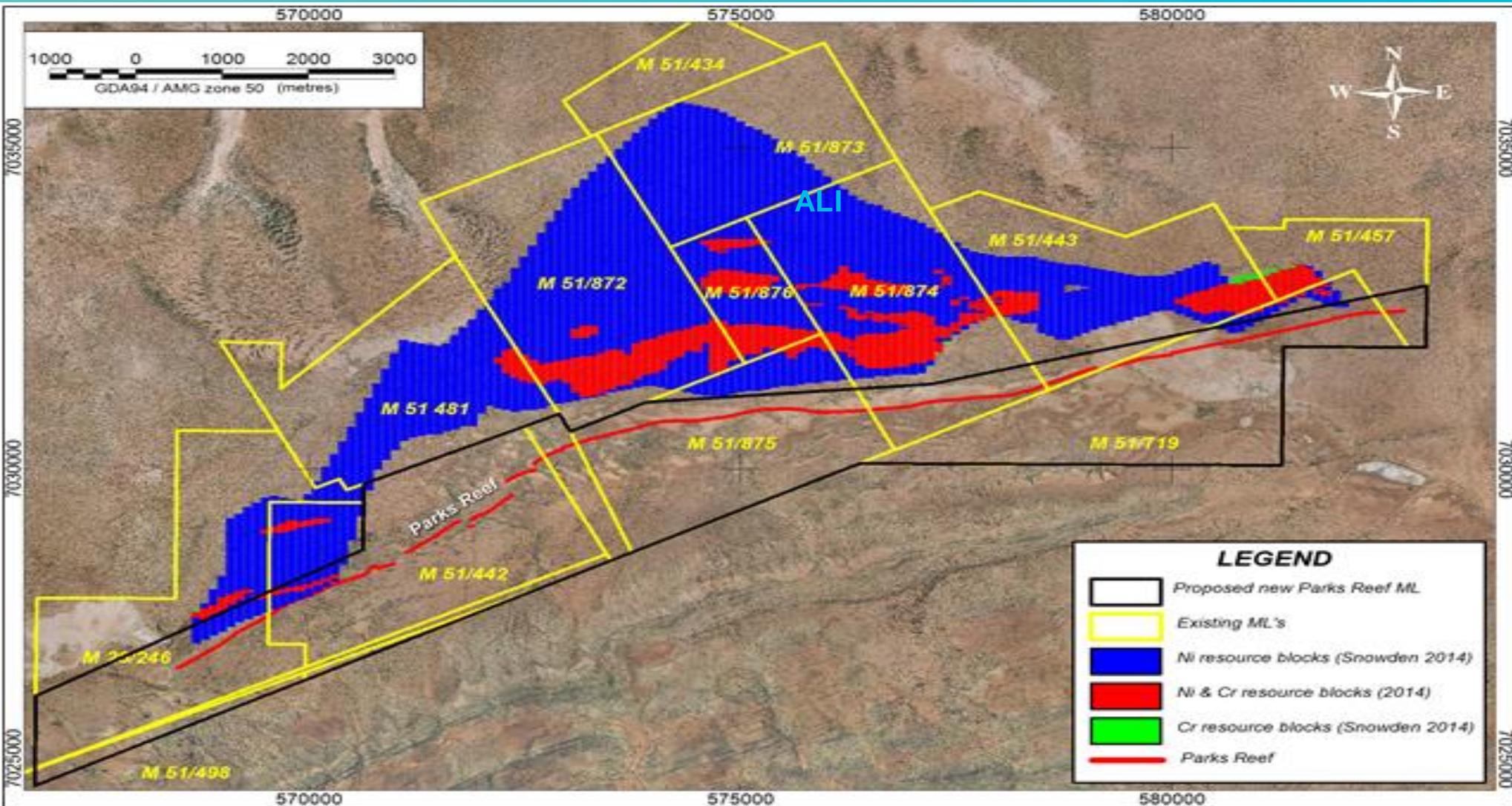


Drill core from PRDD002 with visible base metal sulphides

PGM – GOLD – BASE METALS

- Near surface PGM mineralisation identified over a **15km strike length**.
 - Distinct lithological contact provides high success rate in targeting reef location.
 - Approximately 9,000m drilling completed across a total of circa 8.5km of strike length.
 - Drilling has demonstrated a thick and steeply dipping mineralised reef consisting of:
 - PGM horizon with average true width of 12m in the western and eastern sectors and 16m in the central sector;
 - base metal and gold horizon up to 14m true width overlying the PGM horizon;
 - high value mineralised domain in upper PGM horizon with gold and base metal enrichment:
- 5.8Mt @ 2.01g/t 3E PGM and 0.19% Cu**
- Drill lines at 200m centres showcase the mineralised systems potential to yield thick, high grade zones:

REALIGNMENT OF TENEMENTS WITH EV METALS



INFERRED MINERAL RESOURCE – PARKS REEF PGM HORIZON

Horizon		Tonnes Mt	Pt g/t	Pd g/t	Au g/t	3E PGM g/t	Cu %	Ni %
PGM – Upper	Oxide	2.4	1.18	0.65	0.23	2.07	0.21	0.11
	Fresh	3.4	1.09	0.66	0.23	1.97	0.19	0.11
	Sub-total	5.8	1.13	0.66	0.23	2.01	0.19	0.11
PGM – Lower	Oxide	7.1	0.66	0.66	0.05	1.36	0.05	0.09
	Fresh	12.2	0.67	0.67	0.04	1.38	0.03	0.09
	Sub-total	19.2	0.67	0.67	0.04	1.37	0.04	0.09
PGM – Total	Oxide	9.5	0.79	0.66	0.10	1.54	0.09	0.09
	Fresh	15.5	0.76	0.67	0.08	1.51	0.07	0.09
	Total	25.0	0.77	0.66	0.09	1.52	0.08	0.09

- i. Note small discrepancies may occur due to rounding
 ii. Cut-off grade of 1g/t 3E PGM; 3E PGM refers to platinum (Pt) plus palladium (Pd) plus gold (Au) expressed in units of g/t

INFERRED MINERAL RESOURCE – PARKS REEF BASE METAL-GOLD HORIZON

Horizon		Tonnes Mt	Pt g/t	Pd g/t	Au g/t	3E PGM g/t	Cu %	Ni %
Base Metal - Au	Oxide	6.0	0.13	0.10	0.11	0.33	0.24	0.09
	Fresh	8.8	0.12	0.08	0.13	0.33	0.23	0.09
	Total	14.9	0.12	0.08	0.12	0.33	0.24	0.09

- i. Note small discrepancies may occur due to rounding
 ii. Cut-off grade of 0.1% Cu and excluding base-metal and gold mineralisation included within the Parks Reef PGM Horizon Mineral Resource

PGM MARKET BALANCE



Supply / Demand Balance		Platinum '000 oz					
		2015	2016	2017	2018	2019	2020
Supply	Mine Supply	6,154	6,127	6,161	6,126	6,077	4,888
	Recycling	1,751	1,902	2,030	2,066	2,082	1,642
		7,905	8,029	8,191	8,192	8,159	6,530
Demand	Autocatalyst	3,273	3,339	3,225	3,017	2,858	2,224
	Jewellery	2,746	2,413	2,385	2,258	2,056	1,581
	Industrial	1,806	1,895	2,021	2,585	2,415	2,214
	Investment	451	620	361	67	1,131	901
		8,276	8,267	7,992	7,927	8,460	6,920
Surplus / Deficit (-ve)		-371	-238	199	265	-301	-390

Supply / Demand Balance		Palladium '000 oz					
		2015	2016	2017	2018	2019	2019
Supply	Mine Supply	6,455	6,793	6,472	7,025	7,117	6,167
	Recycling	2,473	2,488	2,858	3,108	3,407	3,121
		8,928	9,281	9,330	10,133	10,524	9,288
Demand	Autocatalyst	7,690	8,042	8,463	8,876	9,672	8,497
	Jewellery	220	189	167	148	130	93
	Industrial	1,954	1,877	1,814	1,902	1,702	1,490
	Investment	-659	-646	-386	-574	-87	-186
		9,205	9,462	10,058	10,352	11,417	9,894
Surplus / Deficit (-ve)		-277	-181	-728	-219	-893	-606

Data Source: Johnson Matthey 'PGM Market Report - February 2021'