

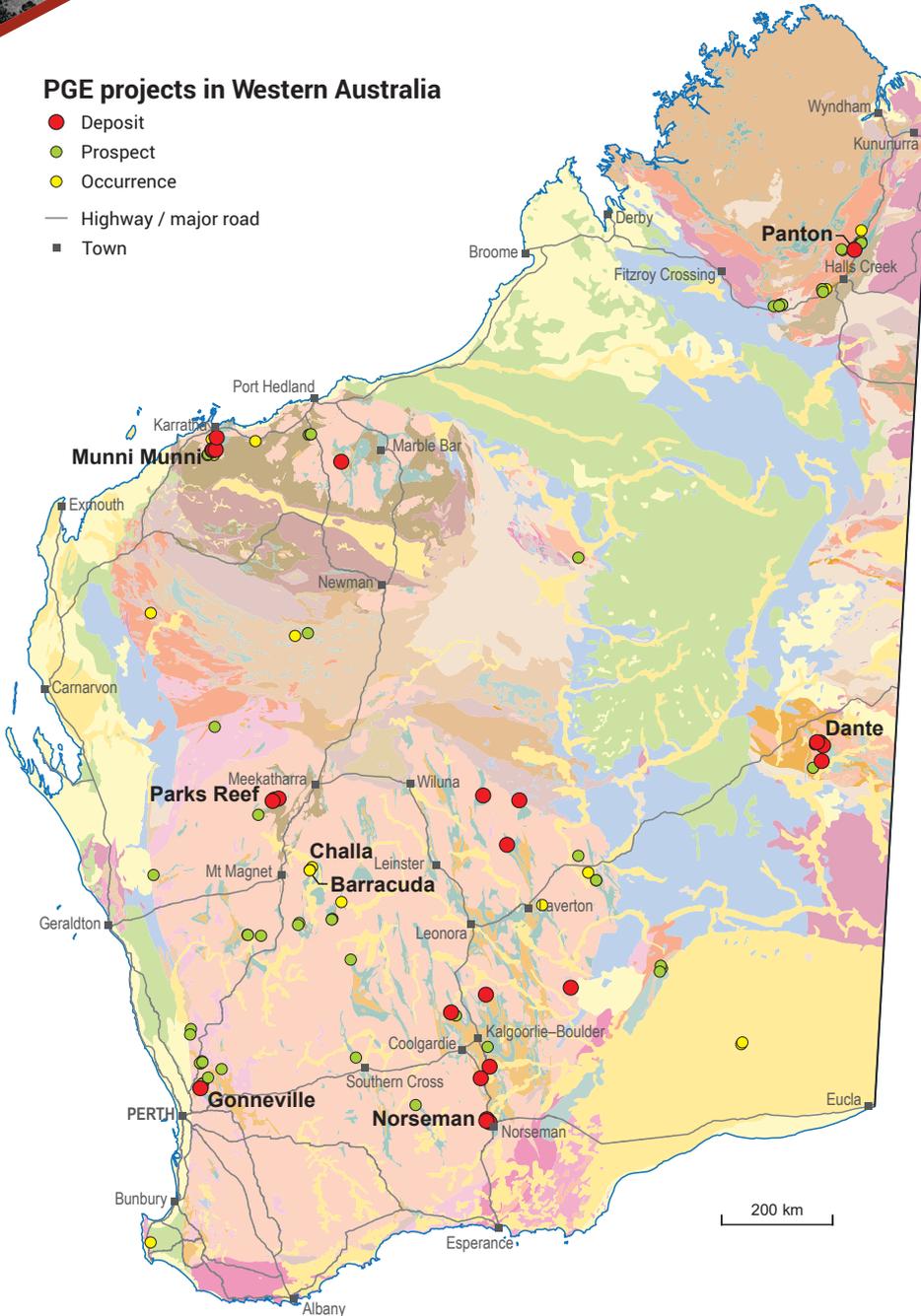
PLATINUM GROUP ELEMENTS

INVESTMENT OPPORTUNITIES

WORLD-CLASS RESOURCE PROVINCE | SECURE INVESTMENT LOCATION
WORLD-LEADING GEOSCIENTIFIC DATA | GLOBAL MINING SERVICES INDUSTRY

PGE projects in Western Australia

- Deposit
- Prospect
- Occurrence
- Highway / major road
- Town



Western Australia's resource inventory of platinum group elements continues to expand

- The platinum group elements (PGE) comprise six noble and precious metallic elements – Platinum (Pt), Palladium (Pd), Ruthenium (Ru), Rhodium (Rh), Osmium (Os) and Iridium (Ir)

Feasibility studies

- A Pre-Feasibility Study for the Gonneville Project (Chalice Mining) has supported an initial 23-year, two-stage open pit mine life with a 1.2x strip ratio and robust financial metrics. Gonneville is set to become Australia's first primary Platinum Group Metal (PGM) mine and second largest nickel mine, with an expected throughput of 5 Mtpa to produce an estimated 220 kozpa of 3E precious metals (palladium, platinum and gold), plus 7 ktpa of nickel, 8 ktpa of copper and 0.7 ktpa of cobalt
- Podium Minerals developed a metallurgical concentrator flowsheet to beneficiate and extract the 3E concentrate comprising Pt, Pd Au (with associated Cu, Ni, Rh, and Ir in lesser amounts) from the Parks Reef ore. Initial test work had ~80% recovery of 3E metals. Podium's flowsheet targets two end-products, a highly concentrated PGM product, and a mixed base metal hydroxide product

Resources

- Terra Metals released a Maiden Mineral Resource estimate (MRE) for the Dante Project. The MRE comprises 148 Mt at 14.8% TiO_2 , 0.54% V_2O_5 , 0.18% Cu, and 0.33 g/t 3E for the Reef 1 North, Reef 1 South and Reef 2 deposits

Exploration

- Drilling undertaken by Terra Minerals has resulted in multiple polymetaliferous PGE discoveries at the Dante Project. The discoveries have added a new style of mineralisation to the project, with a Ti-V-PGM±Au±Ni±Co sulfide reefs defined at the Reef 1 and Reef 2 prospects, and the newly discovered Southwest area has palladium-rich PGM-Cu-Ni. Drilling results included up to 52.97 g/t 3E in the Southwest area. PGM-Cu-Ni mineralisation has now been defined over 850 m in length, 450 m in width, averaging approximately 50 m in thickness, and remains open in all directions in the Southwest area
- Recent drilling results for the Norseman Project (Galileo Mining) confirmed prospective Pd-Pt-Au zones of up to 40 m thick within the 10 km long Mission Sill Prospect
- High-grade PGE mineralisation was identified from rock-chip sampling across multiple projects including up to 3.39 g/t PGE at the Barracuda and Challa Projects (Midas Resources)



Department of Mines,
Petroleum and Exploration

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Geological Survey of
Western Australia

Projects with resources ranked by contained Platinum Group Elements (PGE)[^] as at January 2026

Mineral Resource Estimates reported in accordance with JORC (2012) unless otherwise stated

Project	Status	Owner	Deposit	Platinum group elements	Resources (Mt)	Av. grade (g/t)	Contained PGE metal (Moz)	Resource date
Gonneville	Scoping	Chalice Mining	Pd-Pt-Ni-Cu-Co-Au	PGE 3E (Pd+Pt+Au)	660.0	0.79	17.0	23/04/2024
Parks Reef	Feasibility	Podium Minerals	Pt-Pd-Rh-Ir-Au	PGE 5E (Pd+Pt+Au+Rh+Ir)	183.0	1.30	7.6	3/04/2024
Panton	Feasibility	Future Metals	Pt-Pd-Au-Ni-Cu-Co	PGE 3E (Pd+Pt+Au)	92.9	1.50	4.5	26/10/2023
Munni Munni*	Exploration	Alien Metals	Pd-Pt-Au-Rh	PGE 4E (Pd+Pt+Au+Rh)	23.6	2.90	2.2	26/09/2008
Dante	Exploration	Terra Metals	Ti-V-Cu-Pt-Pd-Au	PGE 3E (Pd+Pt+Au)	148.0	0.33	1.6	11/08/2025
Norseman	Exploration	Galileo Mining	Pd-Pt-Au-Rh	PGE 4E (Pd+Pt+Au+Rh)	17.5	1.04	0.6	02/10/2023

Mineral Resource Estimates are rounded

* Mineral Resource is not JORC 2012 compliant but is JORC 2004 compliant

[^] The table does not include any PGE resources from nickel-dominant projects, i.e. Kalgoorlie Nickel, Collurabbee, Duketon, Kambalda Nickel, Carr Boyd, Mt Edwards, Mt Sholl Mulga Tank, Fisher East and West Musgrave Projects

Spatial and resource estimate data sourced from WA Mines and Mineral Deposit database (MINEDEX)

 Layered mafic-ultramafic intrusion

 Massive mafic-ultramafic intrusion

Applications of platinum group elements:

- Properties include: resistance to corrosion, high melting point and recyclability
- Currently PGEs are widely used in internal combustion engines as an auto catalyst to reduce harmful emissions
- Other uses include: industrial applications, jewellery and investments
- In the future, PGEs will also be used in the hydrogen industry, in both generating renewable hydrogen through its use in electrolyzers and in catalytic converters required for hydrogen fuel cells



Core samples from Gonneville project, Western Australia. Image courtesy of Chalice Mining

For more information

MINEDEX is a spatial and textual database of mining and exploration activity

MINEDEX www.dmpe.wa.gov.au/minedex

GeoVIEW.WA is a free GIS-based spatial viewer

GeoVIEW.WA www.dmpe.wa.gov.au/geoview



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