

DIAMOND

INVESTMENT OPPORTUNITIES

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

Mines, deposits, prospects and occurrences

- Mine (operating, proposed, care and maintenance, or shut)
- Deposit
- Prospect
- Occurrence
- Highway / major road
- Town



Global demand continues for Western Australia's pink, yellow and red diamonds

- Argyle and the Ellendale lamproite pipes and associated alluvial deposits have been the most successful diamond fields in Australia
- Argyle (AK1) was one of the world's largest producers of gem-quality diamonds and the largest supplier of coloured diamonds including rare pink and red diamonds. The mine closed at the end of 2020 after producing over 825 million carats of rough cut diamonds since 1983
- The Ellendale lamproite diamond field, covering over 900 km², is the largest lamproite field in the west Kimberley and has supplied a significant proportion of the world's Fancy Yellow diamonds. Ellendale 4 and 9 pipes produced 424 000 ct over a 13-year mine life

Current exploration

- Diamond exploration in the Ellendale diamond field is currently targeting alluvial diamonds surrounding the former Ellendale Diamond Mine. Tenements associated with the Ellendale field have been acquired by Gibb River Diamonds Ltd (Blina project) and India Bore Diamond Holdings (India Bore project) after they were invited to apply by the Western Australian Minister for Mines
- The Brooking Springs area, under exploration by Lucapa Diamond Mining Co Ltd and Leopold Diamond Co Pty Ltd, contains diamondiferous lamproite pipes
- Other diamond prospects include the Lower Smoke Creek (Astro Resources), Aries (Odessa Minerals, Jindalee NL), Calwinyardah (Odessa Minerals), North Kimberley (Lithoquest Pty Ltd) and the Webb Project (GCN Resources Ltd, Meteoric Resources)



Government of Western Australia
Department of Mines, Industry Regulation and Safety

dmirs.wa.gov.au

Geological Survey of
Western Australia



Diamond resources ranked by contained diamonds (Mct)

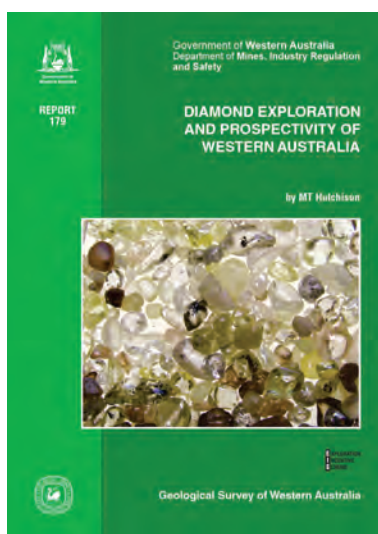
Resources estimated according to JORC 2012

Project	Status	Owner	Resources (Mt)	Av. grade (ct/t)	Contained diamonds (Mct)	Resource date
Lower Smoke Creek Alluvial	Exploration	West Australian Diamond Corporation	35.6	0.26	9.17	20/10/2018
Ellendale	Exploration	Burgundy Diamond Mines / Gibb River Diamonds	49.2	0.04	2.07	30/06/2015
India Bore	Exploration	India Bore Diamonds	16.4	0.08	1.30	18/03/2021
Aries	Exploration	Odessa Minerals / Jindalee Resources	7.0	0.10	0.70	21/07/1989
Bow River*	Shut		1.5	0.20	0.30	19/08/2004
North Kimberley*	Shut		4.2	0.21	0.87	31/07/2015
TOTAL			113.9		14.41	

* Resource estimates are not JORC 2012 compliant
Spatial and resource estimates data sourced from
WA Mines and Mineral Deposit database (MINEDEX)

- The exploration and prospectivity package for Western Australia contains locations of diamond exploration sites, and the chemical analysis of possible diamond-bearing bodies including kimberlites, lamproites, ultramafic lamprophyres, and carbonatites
- The diamond exploration package was released by the Department of Mines, Industry Regulation and Safety (DMIRS) in 2018 and collates the State's publicly available diamond exploration data

These products are available as free downloadable PDFs from the DMIRS bookshop (www.dmirs.wa.gov.au/ebookshop)



Products released by DMIRS



Fancy Yellow diamonds from India Bore's exploration project



Pink Diamond from Argyle Diamond Mine (Image courtesy Rio Tinto)

For more information

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

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

GeoVIEW.WA is a free GIS-based spatial viewer

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

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The DMIRS MINEDEX, Statistics, and Geoscience and Titles Information teams have contributed to the production of this flyer



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