

## gold

### Important notes

- Three major historic goldfields – Pine Creek, Tennant Creek and Tanami.
- Callie gold mine in Tanami has produced >8 Moz Au, with substantial resources remaining.
- Long history of gold production in the Pine Creek region, with numerous other undeveloped deposits in the area.
- High-grade gold associated with ironstone-hosted copper-gold deposits in the Tennant Creek and Rover fields.
- Strong greenfields opportunities, especially in central Australia and in undercover areas.



## current activity

### operating mines

region	mine	annual production	current resource	company
Tanami Region	Callie	419 000 oz (2017)	33.1 Mt @ 5.6 g/t Au	Newmont Mining Corporation
Warramunga Province	Edna Beryl	Commenced July 2017	7000 t @29 g/t Au *	Emmerson Resources Ltd

### advanced projects

region	deposit	resource	company
Pine Creek Orogen	Maud Creek	8.47 Mt @ 3.2 g/t Au	Kirkland Lake Gold Ltd
	Hayes Creek	4.08 Mt @ 1.81 g/t Au, 124 g/t Ag, 4.35% Zn, 0.91% Pb, 0.25% Cu	PNX Metals Ltd
	Mount Todd	360.31 Mt @ 0.81 g/t Au	Vista Gold Corporation
	Cosmo Deeps	5.23 Mt @ 3.03 g/t Au	Kirkland Lake Gold Ltd
	Pine Creek	10.93 Mt @ 1.62 g/t Au	Kirkland Lake Gold Ltd
	Spring Hill	6.9 Mt @ 1.74 g/t Au	TM Gold Pty Ltd
	Mount Porter	0.88 Mt @ 1.9 g/t Au	Ark Mines Ltd
	Mount Bundy	54.1 Mt @ 1.03 g/t Au	Primary Gold Ltd
Tanami Region	Buccaneer	10 Mt @ 1.82 g/t Au	Prodigy Gold NL
	Central Tanami Project	30.835 Mt @ 2.8 g/t Au	Northern Star Resources Ltd
	Suplejack	4.93 Mt @ 1.95 g/t Au	Prodigy Gold NL
	Old Pirate	0.76 Mt @ 4.7 g/t Au	Prodigy Gold NL
	Tregony	2.44 Mt @ 1.3 g/t Au	Prodigy Gold NL
Warramunga Province	Chariot	0.17 Mt @ 17.69 g/t Au	Emmerson Resources Ltd
	Juno	1.3 Mt @ 4.4 g/t	Territory Resources Ltd
	Orlando	2.2 Mt @ 1.8 g/t Au, 1.4% Cu	Evolution Mining Ltd
	Rover 1	6.81 Mt @ 1.7 g/t Au, 1.2% Cu, 2 g/t Ag	Westgold Resources Ltd

### undeveloped projects

region	deposit	resource	company
Tanami Region	Oberon	4.45 Mt @ 2.9 g/t Au	Newmont Mining Corporation
Arunta Region	Johnnies Reward	2.19 Mt @ 0.7g/t Au, 0.4% Cu	Davenport Resources Ltd

### recent exploration highlights

region	deposit	drill intersection	company
Arunta Region	Grapple	11.4 m @ 7.9 g/t Au, 20.7 g/t Ag, 0.8% Cu, 1.1% Zn, 0.5% Pb, 0.1% Co	Independence Group NL
Warramunga Province	Jasper Hill	14 m @ 6.72 g/t Au, 2.17% Cu, 0.28% Co	Emmerson Resources Ltd
	Mauretania	26 m @ 8.9 g/t Au, 85 g/t Ag, 0.49% Cu	Emmerson Resources Ltd
Pine Creek Orogen	Lantern (Cosmo Deeps)	0.91 m @ 1624 g/t Au, 3 m @ 198 g/t Au	Kirkland Lake Gold Ltd
	Banner	6 m @ 39.5 g/t Au	PNX Metals Ltd
Tanami Region	Suess	13 m @ 7.3 g/t Au	Prodigy Gold NL
	Tethys	5 m @ 8.5 g/t Au	Prodigy Gold NL

Other companies with exploration projects include: Andromeda Metals Ltd, Blaze International Ltd, Bacchus Resources, Chalice Gold Mines Ltd, Truscott Mining Corporation Ltd, Newcrest Mining Ltd. \* Denotes non-JORC compliant resource.

