



# phosphate, potash

## important notes

- Georgina Basin is a world-class sedimentary phosphorite province
- Wonarah and Ammaroo are Australia's largest undeveloped phosphate deposits
- Near-surface, high-grade discoveries in Georgina Basin (eg Ammaroo) highlight potential for further large discoveries
- Various options for development including export of beneficiated phosphate rock, production of phosphoric acid, or DAP or MAP fertiliser production
- Brines associated with salt-lakes in central Australia have potential for potash production, as potassium sulphate or schoenite



Ammaroo phosphate

## current activity

### advanced projects

region	deposit	resource	company
Georgina Basin	Wonarah	842 Mt @ 18.1% P <sub>2</sub> O <sub>5</sub> including 5.3 Mt @ 30% P <sub>2</sub> O <sub>5</sub> (Main Zone) and 4.4 Mt @ 30% P <sub>2</sub> O <sub>5</sub> (Arruwurra)	Avenira Ltd
	Ammaroo	1.145 Bt @ 14% P <sub>2</sub> O <sub>5</sub> including 348 Mt @ 18% P <sub>2</sub> O <sub>5</sub>	Verdant Minerals Ltd
	Highland Plains	53 Mt @ 16% P <sub>2</sub> O <sub>5</sub>	POZ Minerals Ltd
	Ammaroo South	70 Mt @ 13% P <sub>2</sub> O <sub>5</sub> including 13 Mt @ 17% P <sub>2</sub> O <sub>5</sub>	Verdant Minerals Ltd
Amadeus Basin	Karinga Lakes	8.4 Mt K <sub>2</sub> SO <sub>4</sub> (4760 mg/l K)	Verdant Minerals Ltd
Arunta Region	Nolans Bore	56 Mt @ 11% P <sub>2</sub> O <sub>5</sub> , 2.6% REO, 0.02% U <sub>3</sub> O <sub>8</sub>	Arafura Resources Ltd
Pine Creek Orogen	Geolsec	1.3 Mt @ 12% P <sub>2</sub> O <sub>5</sub> *	Korab Resources Ltd

### undeveloped deposits

region	deposit	resource	company
Georgina Basin	Alroy	5 Mt @ 20% P <sub>2</sub> O <sub>5</sub> *	vacant
	Buchanan Dam	8 Mt @ 20% P <sub>2</sub> O <sub>5</sub> *	vacant
	Alexandria	15 Mt @ 10% P <sub>2</sub> O <sub>5</sub> *	vacant

### recent exploration highlights

region	deposit	drill intersection	company
Georgina Basin	Rockhole	6 m @ 35.6% P <sub>2</sub> O <sub>5</sub>	Verdant Minerals Ltd

\* Denotes non-JORC compliant resource

# phosphate, potash

