



オーストラリア・ノーザンテリトリー

広大な土地・豊富な鉱物資源・明るい未来

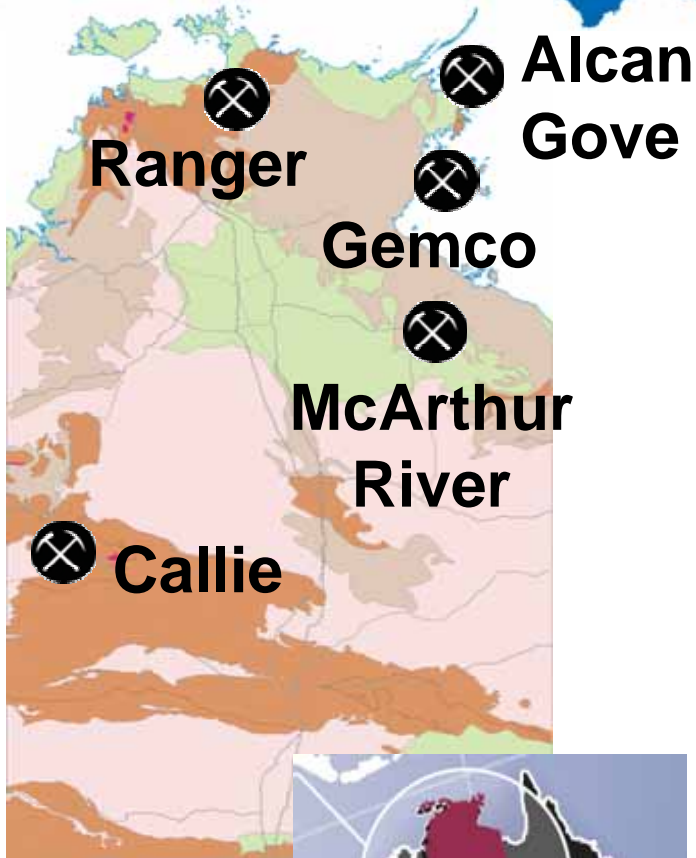
**Dr Ian Scrimgeour**

Director

Northern Territory Geological Survey



ノーザンテリトリー準州政府



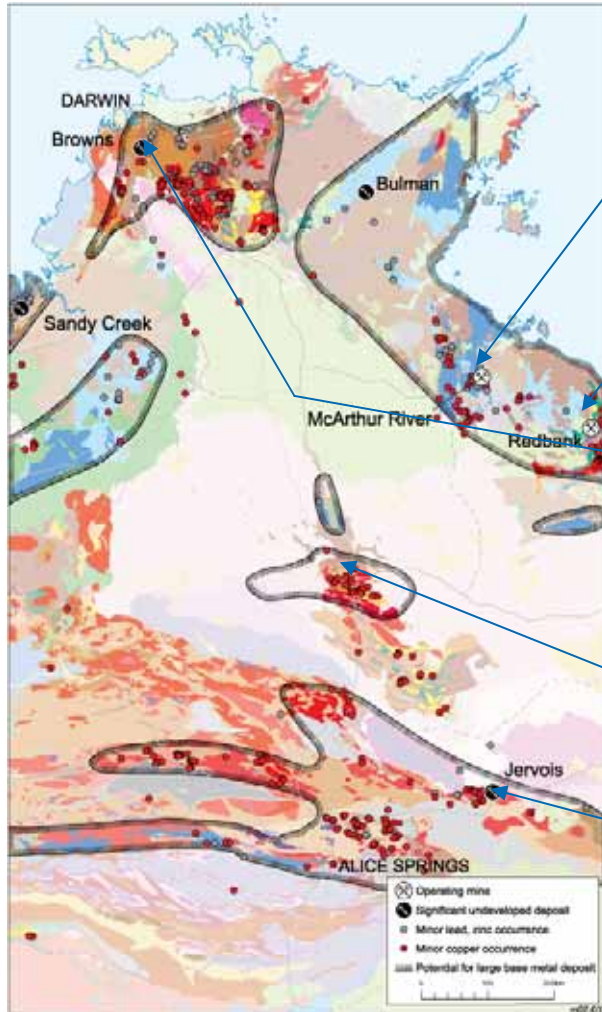
## Highly Prospective, Vast and Under-Explored Land

- World-class deposits
- Australia's largest uranium producer
- Vast areas, underexplored, prospective geology
- High-quality information, advice and support from Government
- Closest port to Asia





## Lead-zinc-copper-nickel



**McArthur River** proceeding to open cut  
148 Mt @ 12.3% Zn, 9.6% Pb, 95 g/t Ag

**Redbank** – sediment-hosted Cu  
4.2 Mt @ 1.5% Cu

**Browns** – (Compass Resources-HNC)  
46 Mt Cu-Ni-Pb-Co(-Ag) resource

**Tennant Creek Cu-Au** (past production  
0.4 Mt Cu, 5.5 Moz Au)

**Jervois Pb-Zn-Cu** (6.1 Mt @ 2.1% Cu)



## Current exploration – base metals

### Tennant Creek Gold

Manburrum Zn(-Pb)

10.5 Mt @ 2.9% Zn, 0.7% Pb

### Westgold Resources

Explorer 108 Pb-Zn

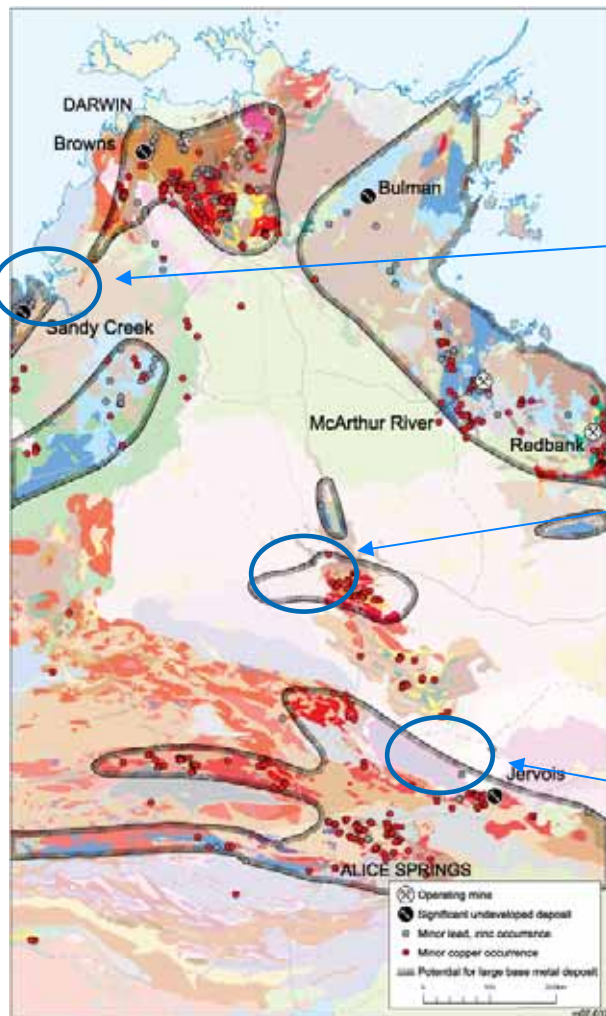
Explorer 142 Cu-Au

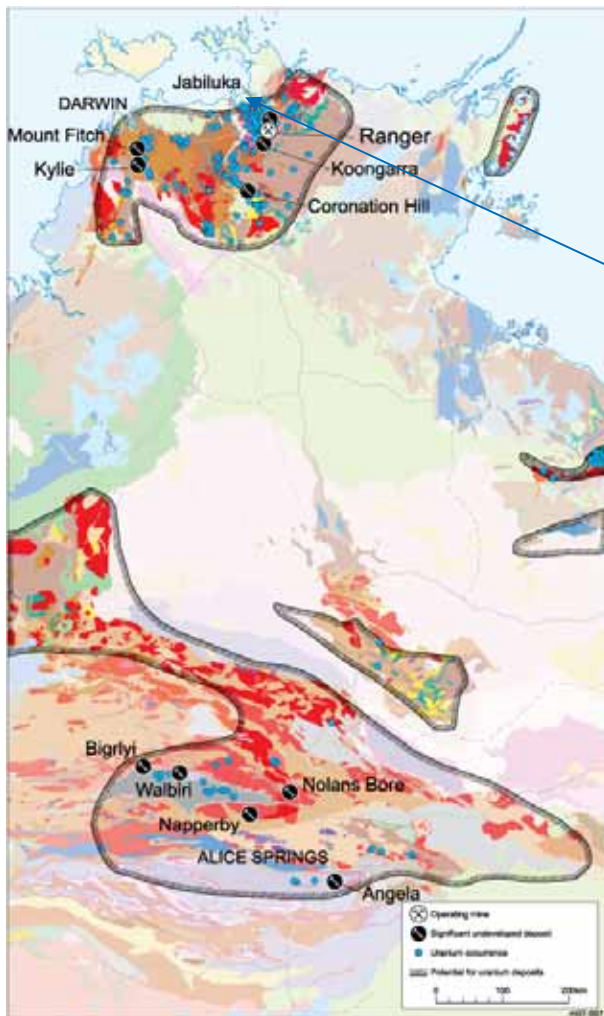
(under 200 m of cover)

### Mincor Resources

Georgina Basin Pb-Zn

MVT plays





## Unprecedented interest in the Territory's uranium

52% of Australia's production  
**Ranger** 52.15 Mt @ 0.17%  $U_3O_8$

18% of Australia's resources -  
300,000 t  $U_3O_8$  (>50% excluding Olympic Dam)

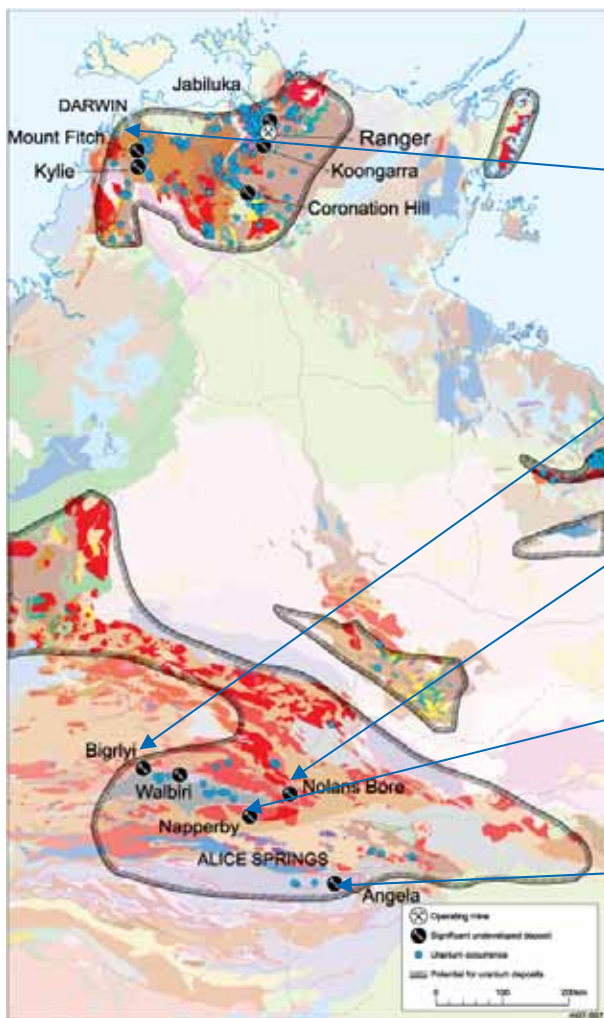
Several undeveloped deposits

Most areas **not explored** since 1970s



# Uranium

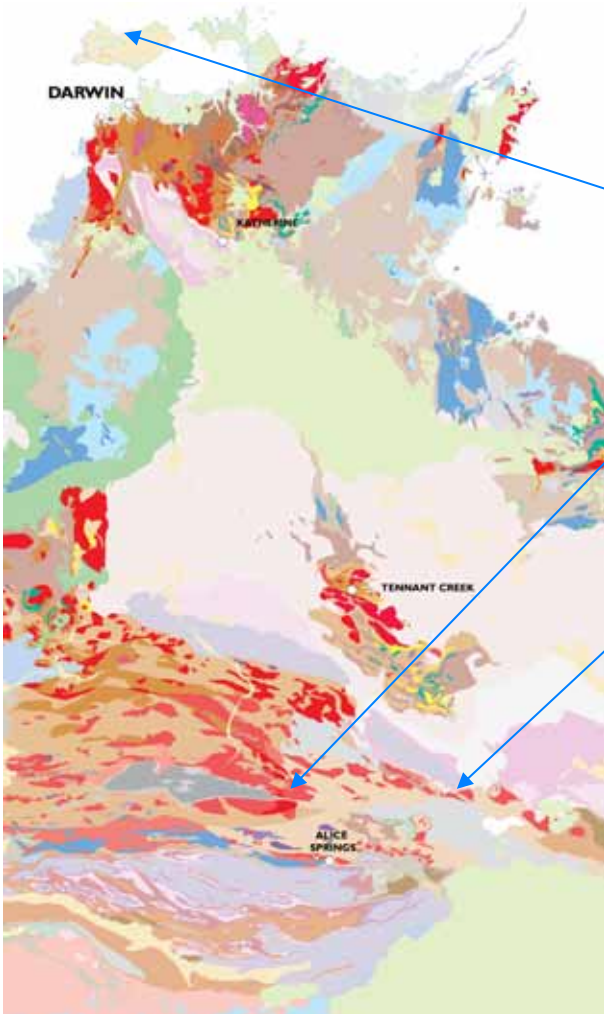
## Current exploration



- *Compass Resources* - Mount Fitch  
8.9Mt @ 0.05%  $U_3O_8$
- *Energy Metals* – Bigryli  
3.76 Mt @ 0.14%  $U_3O_8$ , 0.17%  $V_2O_5$
- *Arafura Resources* - Nolans Bore  
18.6Mt @ 0.02%  $U_3O_8$
- *Toro Energy* – Napperby  
17.4 Mt @ 0.04%
- *Angela-Pamela* (under assessment)  
8.54Mt @ 0.12%



## Other commodities



**Mineral Sands** Tiwi (rutile, zircon) and Harts range (garnet)

**REE-P** Nolans Bore

18.6Mt @ 3.1% REE, 14%  $P_2O_5$

**W-Mo** Molyhil

2.4Mt @ 0.54% W, 0.26% Mo



## Opportunities in the Territory



- Highly prospective geology
- Strong opportunities in uranium, base metals, REE, tungsten, bauxite and manganese
- Large areas not tested by modern exploration
- Many small to medium-size companies with prospective tenements and advanced projects
- NT Government can provide advice, free information and data and help facilitate contacts