Rare Earth Elements, Antimony, Tungsten and Uranium resources in Western Australia

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JOGMEC Seminar, Tokyo, February 2008
Rare Earth Elements projects, Western Australia

- Yangibana
- Brockman
- Cummins Range
- Mt Weld (operating)
- John Galt
- Cundeelee

Perth
<table>
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<tr>
<th>Project</th>
<th>Type</th>
<th>Details</th>
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<tr>
<td>Mt Weld</td>
<td>Carbonatite plug</td>
<td>Lynas Corp Ltd - 18yr mine life - processing in Malaysia</td>
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<td>Cundeelee</td>
<td>Carbonatite affinities</td>
<td>M.R. Dalla-Costa (pending) - buried by 350m Permian</td>
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<td>Mulga Rock</td>
<td>Lignite hosted U, Sc</td>
<td>Eaglefield Holdings P/L Uranium Equities Ltd</td>
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<td>Cummins Range</td>
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<td>Navigator Resources Ltd</td>
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<td>Brockman</td>
<td>Trachytic ash-flow tuff</td>
<td>Mt Gibson Iron Ltd, ABM Resources NL</td>
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<td>John Galt</td>
<td>Pegamatite - xenotime</td>
<td>AJ Exploration Geology P/L (pending)</td>
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<td>Yangibana</td>
<td>Carbonatite dykes</td>
<td>Vistarise Ltd, Aztec Resources Ltd (pending), and private interests</td>
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Antimony and Tungsten, WA

Legend
- W (Mo)
- Au - Sb
- Pb - Zn - Sb
- Sb

Kilometres

0

500
Antimony and Tungsten
Pilbara - Gascoyne - Paterson - Capricorn

Legend
- W (Mo)
- Au - Sb
- Pb - Zn - Sb
- Sb

Kilometres

Karratha

Balla Balla

Pilbara Craton

Friendly Creek

Cooke Creek

Nullagine

Mount Alexander

Eastern Hills

Capricorn Orogen

Gascoyne Complex

Yilgarn Craton

Carnarvon

Officer Basin
Uranium mines and deposits
Western Australia

Legend
F Mine (closed)
O Deposit

OOBAGOOMA
Ind 8 Mt at 1.2 kg/t U3O8
(10 kt)

KINTYRE
Ind 16 Mt at 1.5 kg/t U3O8
Inf 7.3 Mt at 1.5 kg/t U3O8
(35 kt)

MANYINGEE
Ind 8 Mt at 1 kg/t U3O8
(8 kt)

YEELIRRIE
Ind 35 Mt at 1.5 kg/t U3O8
(53 kt)

LAKE MAITLAND
Inf 33 Mt at 0.33 kg/t U3O8
(11 kt)

THATCHER SOAK
Inf 15 Mt at 0.4 kg/t U3O8
(6 kt)

MULGA ROCK
Ind 11 Mt at 1.4 kg/t U3O8
(15 kt)
Western Australia

- Geological diversity and large size of WA provides opportunities in exploration and mining
- GSWA has on-going programs to collect new data
- Wide ranging opportunities for new explorers
  - join fledgling, mid size or mature projects
  - initiate new projects
- Visit our website www.doir.wa.gov.au/gswa
  - Geoview
  - Minedex
- Visit websites e.g. www.intierra.com.au
- Talk to GSWA or GA
Thankyou

Questions

Geological Survey of Western Australia

www.doir.wa.gov.au/gswa