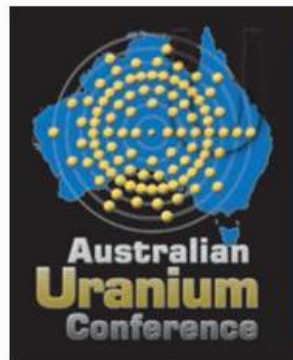




Uranium: The Future of Energy



23 July 2009

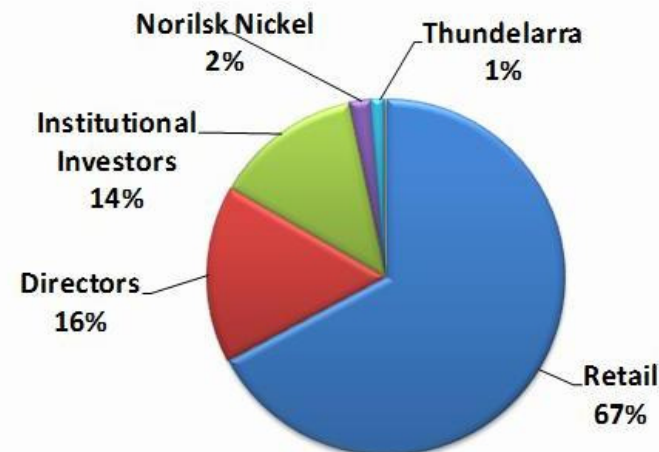
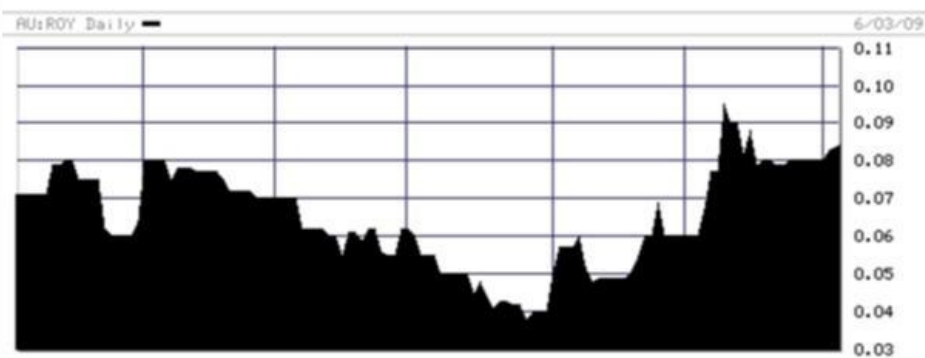
Disclaimer

- ❖ Information presented is not guaranteed to be accurate or complete
- ❖ Targets are conceptual only. Only if stated are resources JORC compliant
- ❖ Check veracity of information for yourself
- ❖ This is exploration – things can go wrong
- ❖ Things change with time – keep your eyes on the ball
- ❖ We are not liable for anything you conclude from this presentation



Royal Snapshot

Issued Securities	92,460,720 fps
	24,500,000 Unlisted Opt
Share Price	8¢
Market Cap	\$7M
Cash	\$3.1M
Portfolio value	\$2.0M
Highly experienced management team:	
Philip Crabb	Chairman
Marcus Flis	Chief Executive Officer
Frank DeMarte	Executive Director
Brian Richardson	Non-executive Director
Rick Crabb	Non-executive Director
Malcolm Randall	Non-executive Director
Directors Shareholdings	16%
Top 20 shareholders	39%



Royal's Exploration Portfolio: two irons in the fire

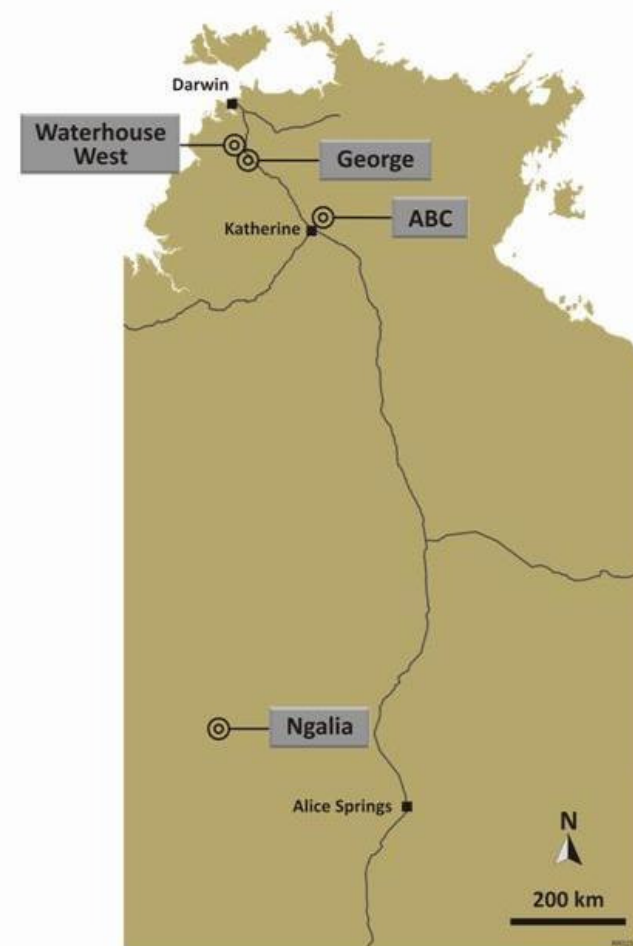


Royal's uranium strategy

- ✿ Its all about grade, grade, grade
- ✿ Geological diversification
- ✿ Assess TESTABLE targets
- ✿ Geographical diversification
- ✿ Only operate in sovereign risk-free countries
- ✿ Enhance and consolidate core holdings by exploiting emergent opportunities

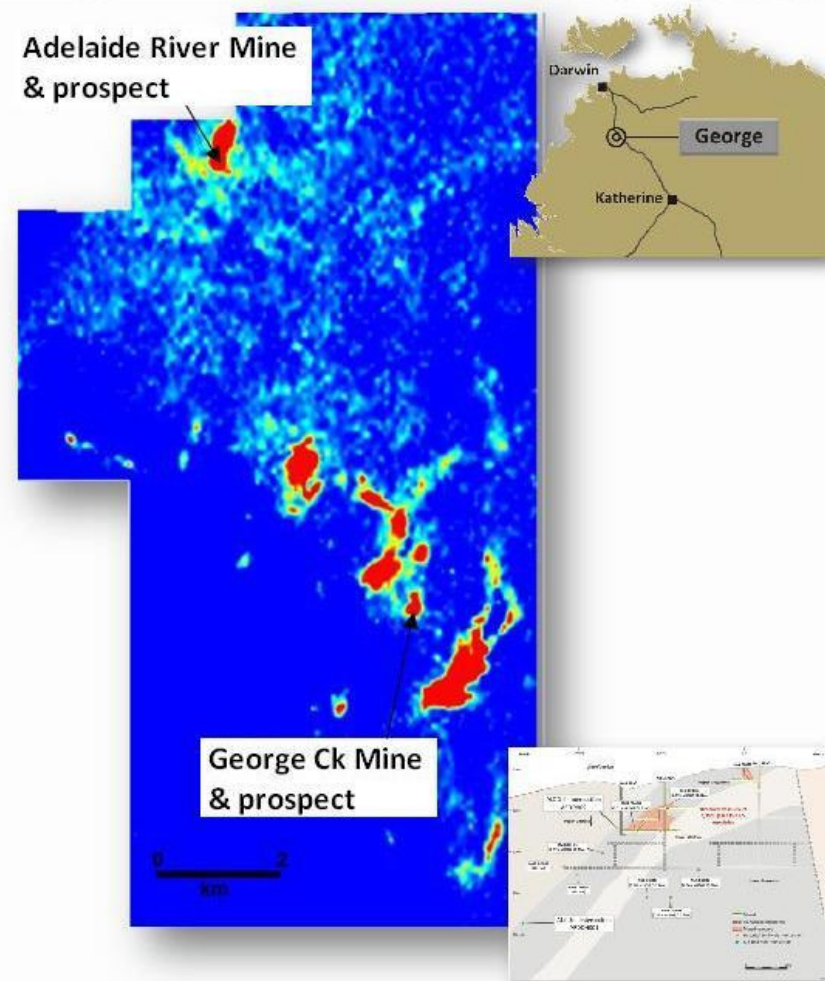
NT uranium

- ✿ Entry into the NT by a joint venture with Aldershot Resources Ltd (TSX) incorporating four projects:
 - ✿ Waterhouse West
 - ✿ George
 - ✿ ABC
 - ✿ Ngalia
- ✿ Royal is earning 60% control of the tenement package through exploration expenditure
- ✿ Actively consolidating ground holding through tenement acquisition



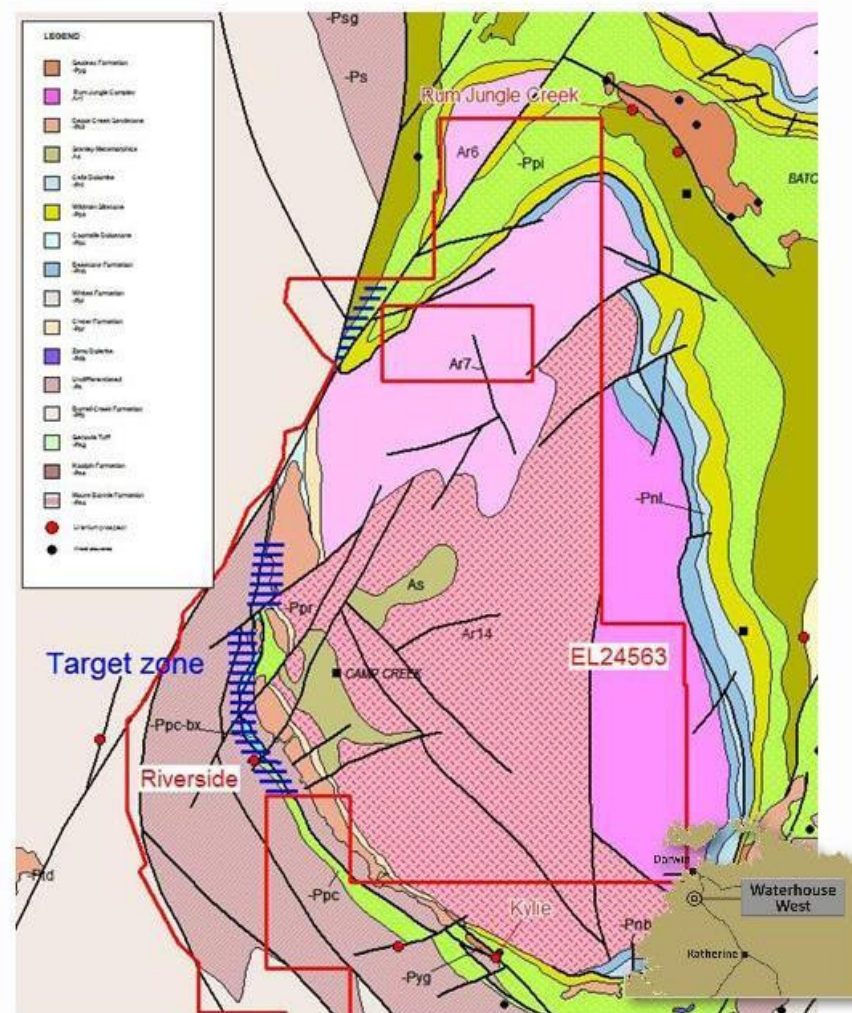
George

- Vein-type uranium hosted by shear zones in the Burrell Ck Fm.
- Adelaide River Mine with historic production of 0.50% U_3O_8
- Drilling results of 0.41% U_3O_8 over 7.1m, including 0.72% over 4m
- Up to 4.02% U_3O_8 in surface samples has extended and defined new shear zones
- George Creek, an old mine area where the BMR drilled mineralisation to 0.26% U_3O_8
- Up to 13 drill holes for 1,820m are now being drilled to test extensions of the two mine areas and previously drilled mineralisation



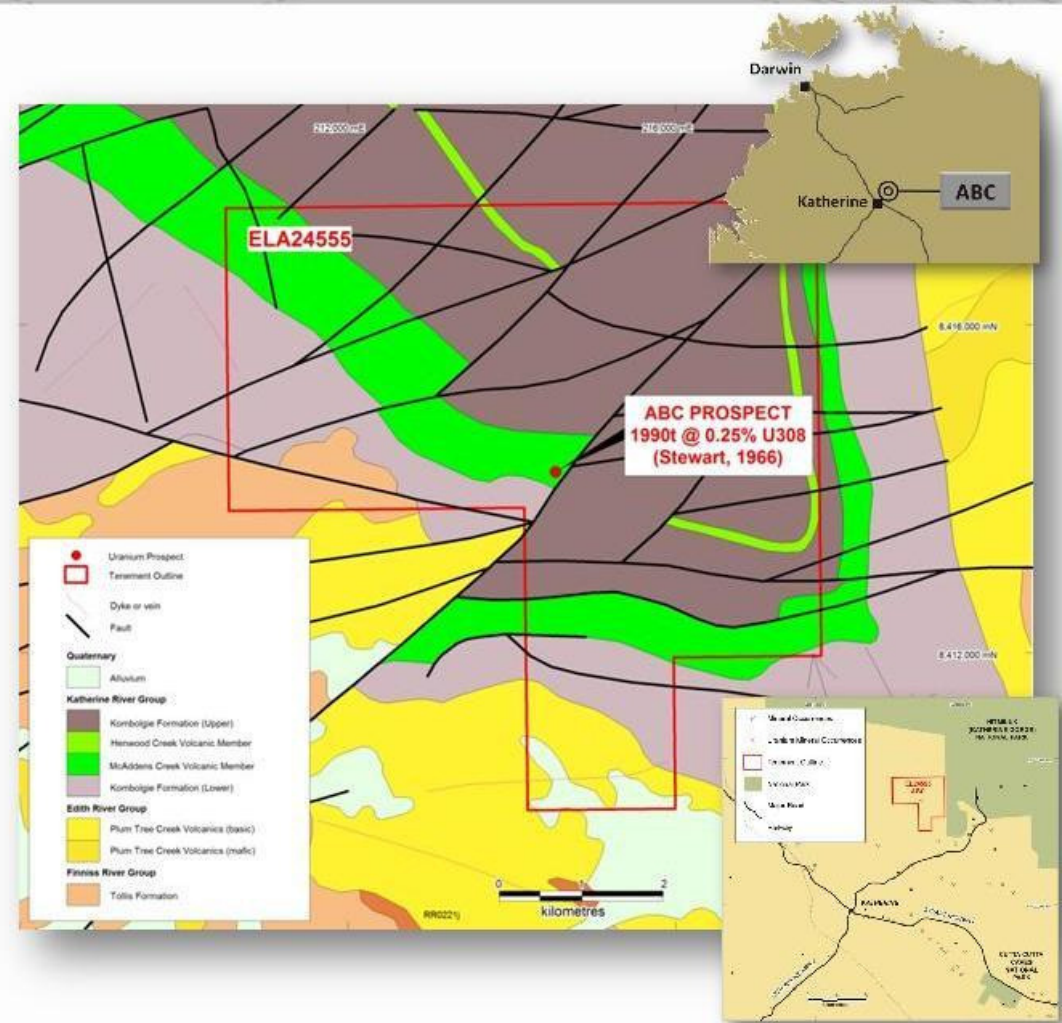
Waterhouse West

- ✿ 10 km of highly prospective White's-Coomalie contact.
- ✿ Historical drilling with anomalous results
- ✿ Contains the 6 km strike length Riverside Anomalous Zone (Uranerz, 1981) with up to 12,500 cps
- ✿ Currently undertaking historic data compilation
- ✿ Drilling in late 2009 on basis of compilation



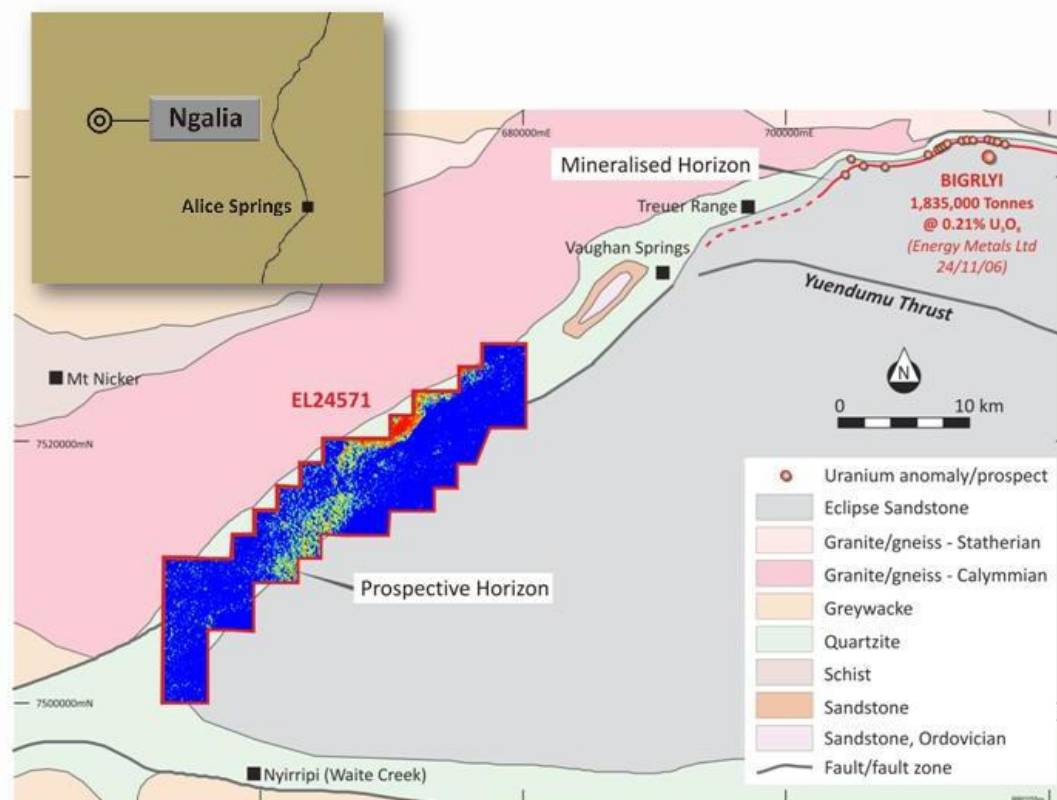
ABC

- ❖ Acid-volcanic hosted uranium within the McAddens Ck Volcanic Member within Kombolgie Sst equivalent
- ❖ Historical resource at 0.25% U_3O_8
- ❖ Drill intercepts up to 4.29% eU_3O_8 by the BMR
- ❖ Not explored since the 1950s
- ❖ Positive Native Title/NLC negotiations, ongoing



Ngalia

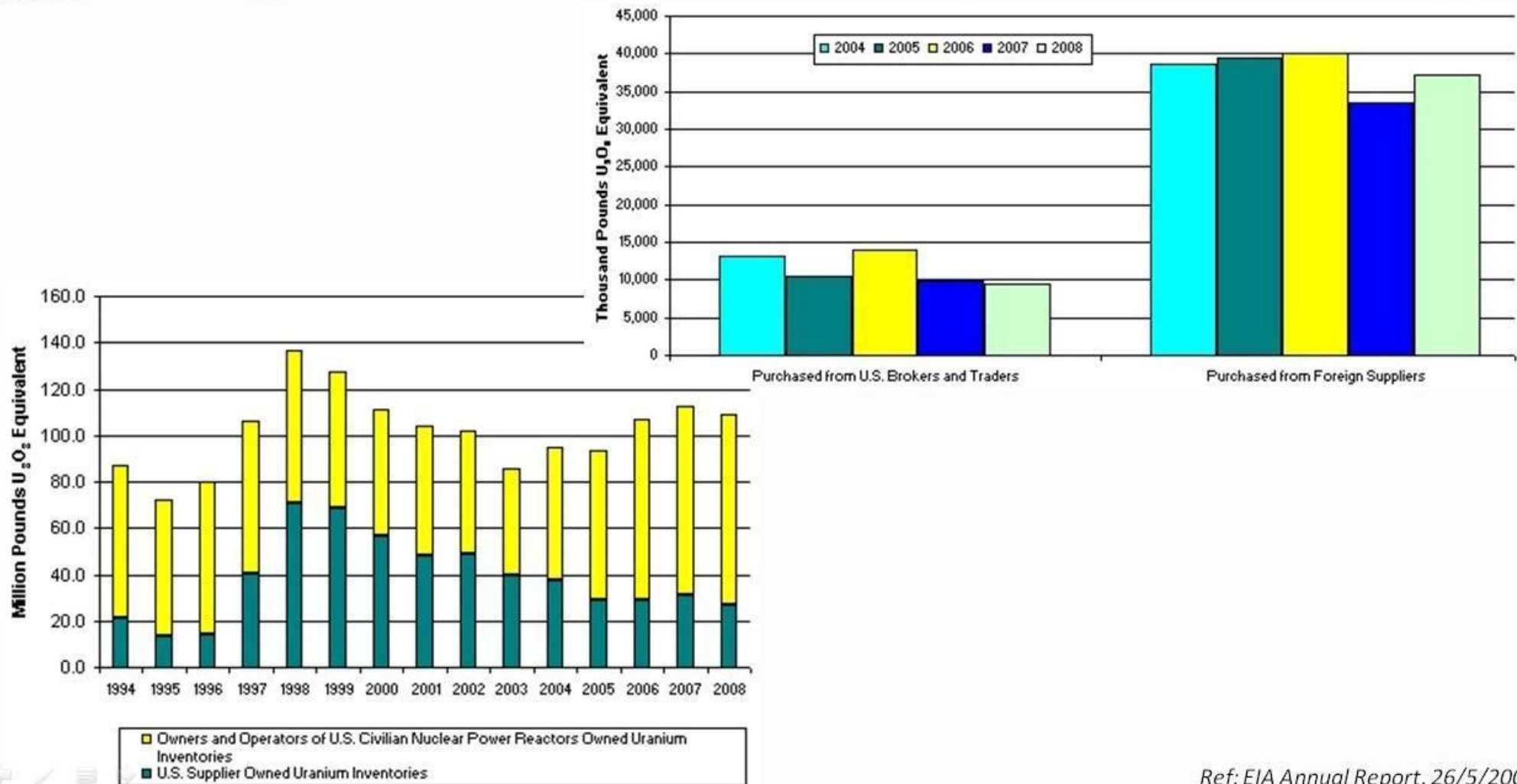
- ☛ Sandstone uranium within the prospective Carboniferous Mt Eclipse Sandstone
- ☛ Host to the Bigrlyi uranium deposit:
10,555 t U_3O_8 @ 0.14 % U_3O_8
- ☛ Area has been overlooked for uranium
- ☛ 28 km of prospective horizon
- ☛ 19 radiometric anomalies selected for field follow-up
- ☛ Blind unconformity to be drill tested
- ☛ Royal won Collaborative Drilling Grant from NT Government



USA uranium market



USA uranium market



Ref: EIA Annual Report, 26/5/2009

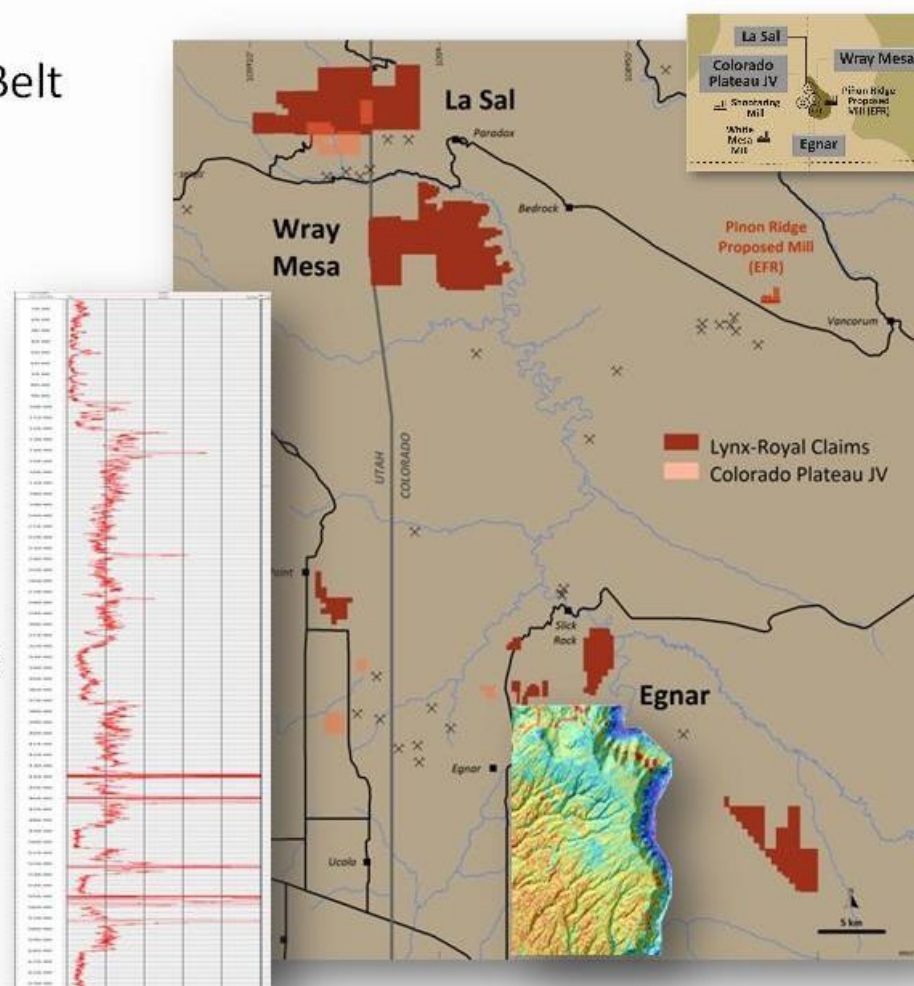
USA uranium

- ♣ Clear regulatory environment
- ♣ Ability to start-up quickly
- ♣ Existing uranium infrastructure
- ♣ Historically high production areas
- ♣ All historically high grade
- ♣ Devoid of modern exploration



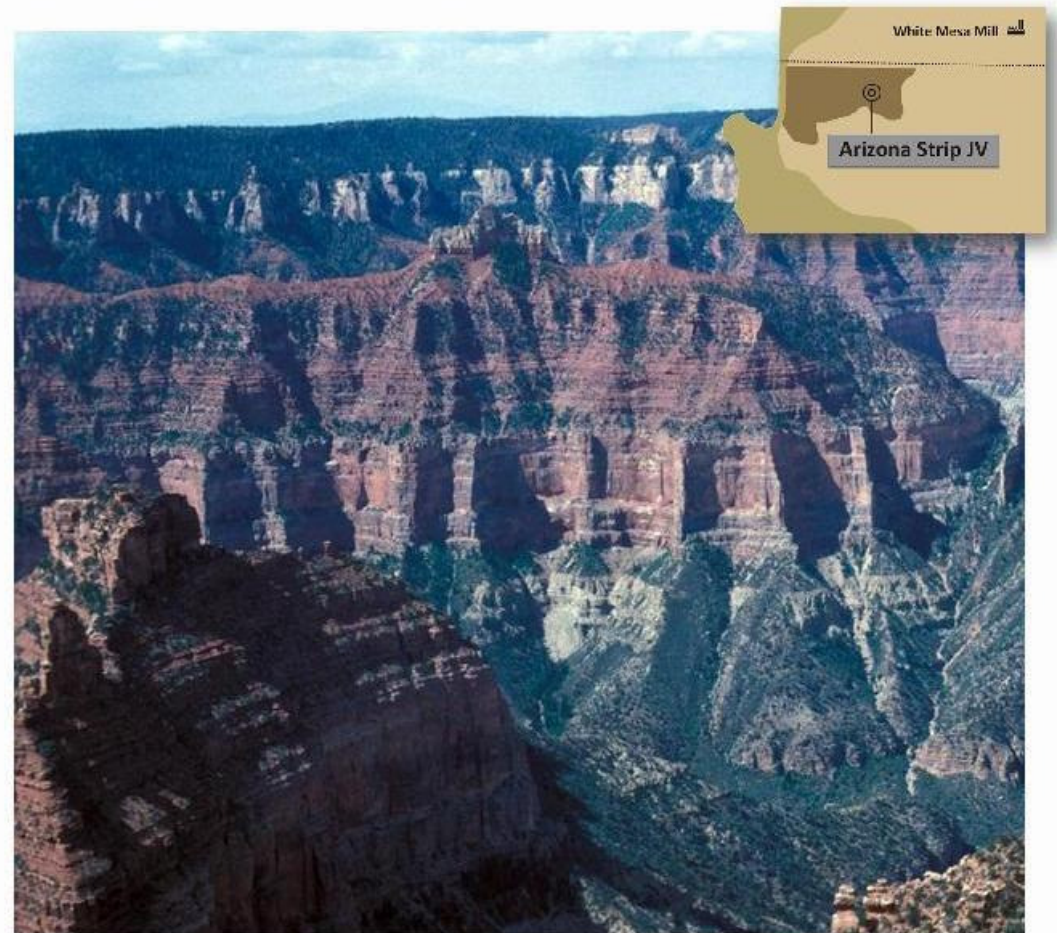
USA uranium: Uravan

- 1,944 claims covering 40,266 acres (175 km²) held in the highly productive Uravan Mineral Belt
- Historical production of over 77 million lbs or 30,000 tU @ 0.25% U₃O₈
- Projects located within trucking distance of existing or proposed mills
- Airborne geophysical survey and initial drilling done
- Intercepts up to 690ppm U₃O₈



Arizona Strip

- ❧ The Strip has produced over 7,310 tU from 7 pipes
- ❧ Historic resources of 10,390 tU in 15 pipes
- ❧ The historical average grade is 0.64% U_3O_8 but can get as high as 9%
- ❧ High mineral endowment – USGS estimates 4.6 pipes / 100 km² averaging 1.8M lbs U_3O_8 /pipe
- ❧ The Arizona Strip is considered vastly underexplored
- ❧ Very little modern exploration has been applied to it



Collapse breccia pipes: a compelling story

- ❖ High grade: 0.3 to 9% U_3O_8 , the highest in the USA
- ❖ Mature genesis model
- ❖ An old area in which new methods can be applied
- ❖ Distinct targets – yes/no exploration
- ❖ Flat lying host stratigraphy simplifies exploration methodology



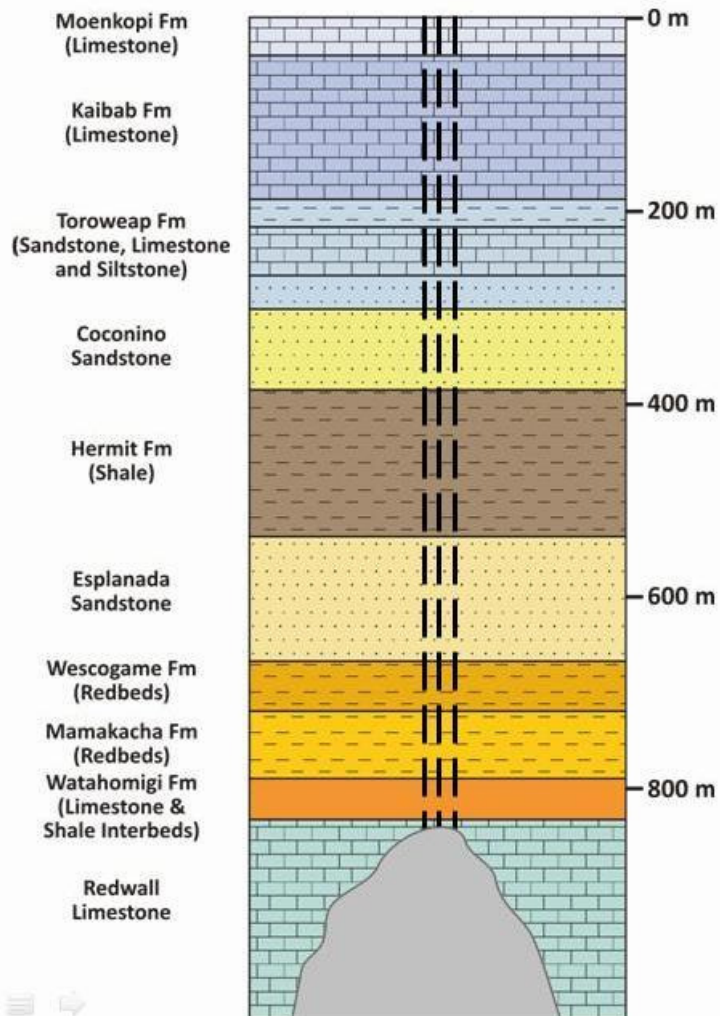
Rehabilitated Pigeon Mine



Kanab North Mine

- ❖ Fast track development: discovery to mining <3years
- ❖ Underground mining: small foot print (<8 ha)
- ❖ Dry mining & extremely competent ground
- ❖ Easy and effective reclamation
- ❖ High margin ore

Breccia pipe evolution - 1

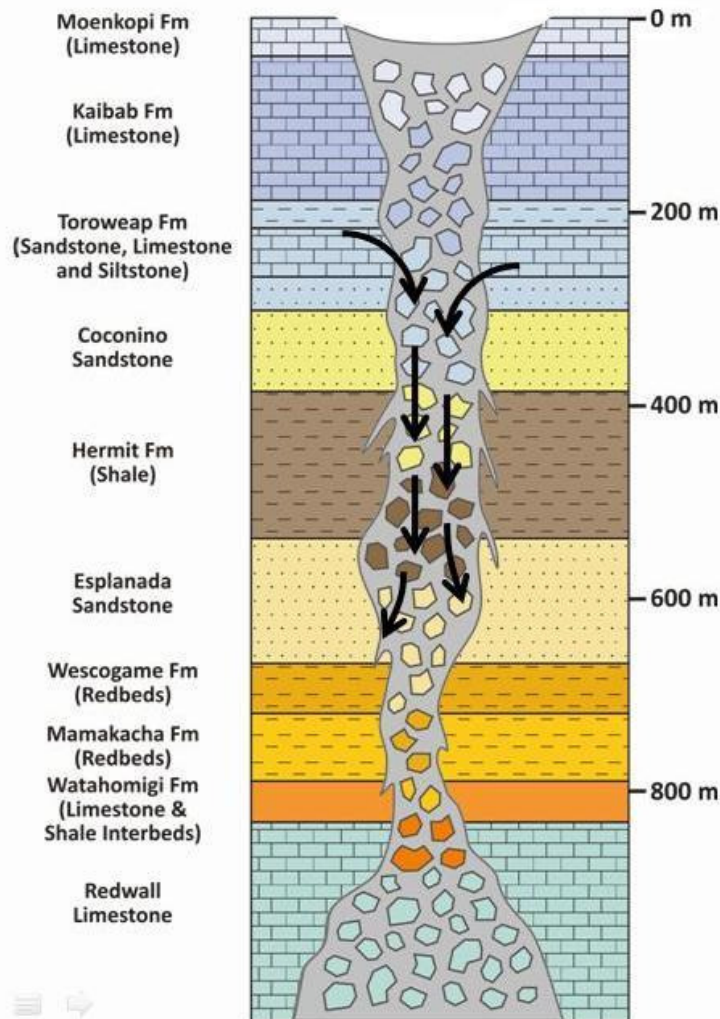


Stage 1 – Jointing and Karst Development

- Flat lying marine and terrestrial sedimentary sequence
- Regional conjugate fracture sets are the locus for deep-seated karsting



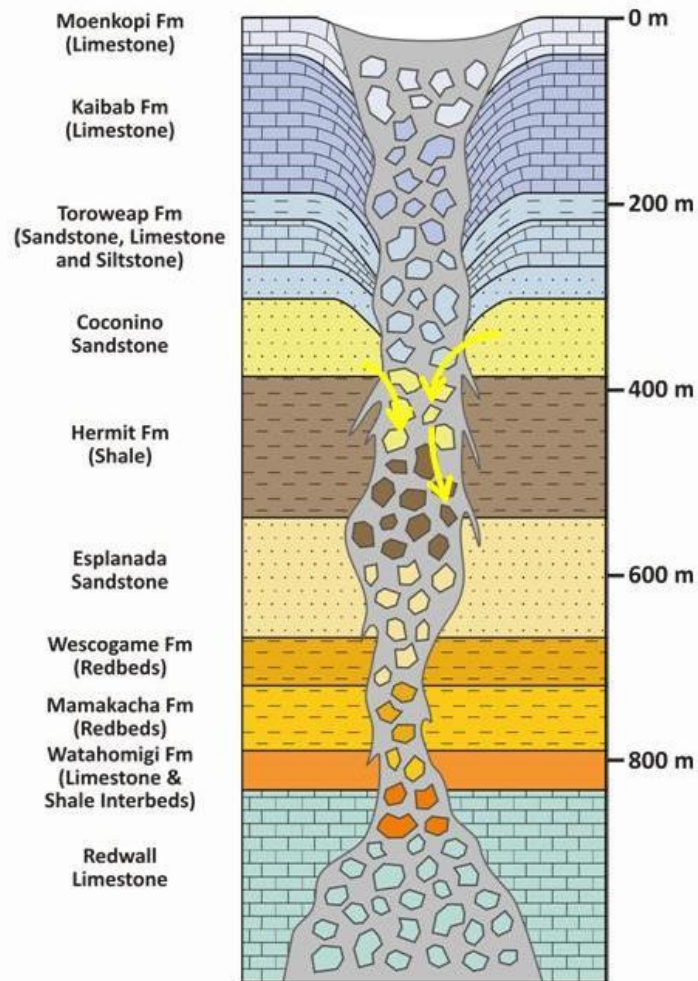
Breccia pipe evolution - 2



Stage 2 – Stopping and introduction of reductant

- ✿ Collapse, through self stopping, causes the stratigraphy within the fracture intersections to be downthrown by 60 to 100m
- ✿ Oil from the petroliferous Toroweap Fm flows into pipe
- ✿ A ring fracture system develops

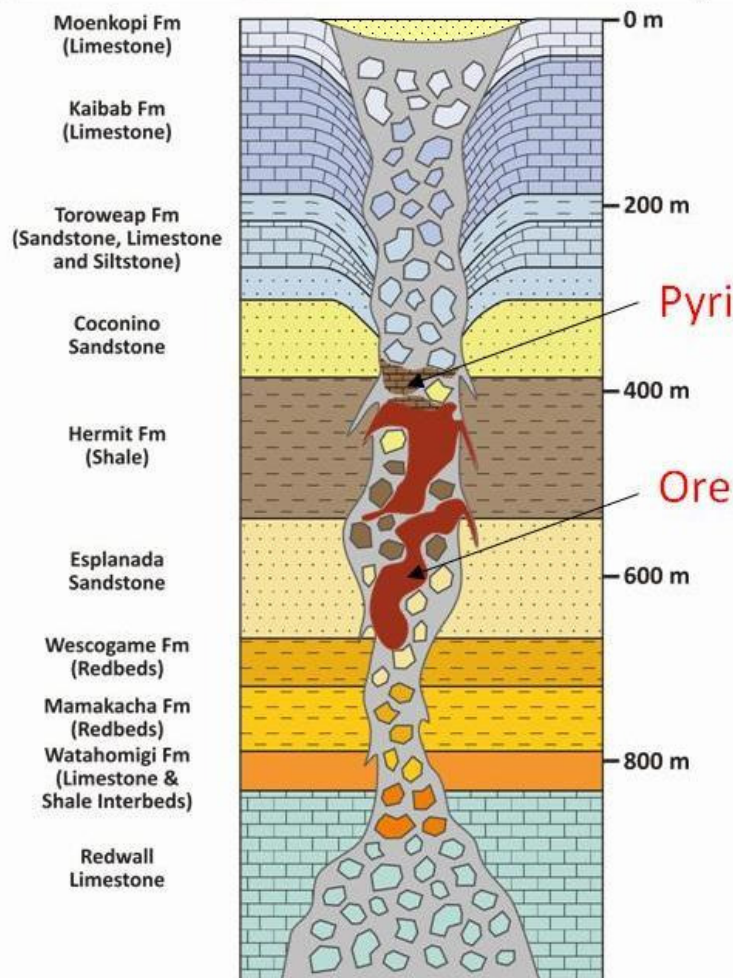
Breccia pipe evolution - 3



Stage 3 – Cone develops & Uranium is introduced

- Continuous dissolution of evaporites in the overlying sequence causes a surface crater to develop
- Uranium-bearing fluids sourced from the overlying volcanoclastic Chinlee Fm enter through the Coconino Sandstone aquifer
- Uranium precipitates mainly within the more porous oil-soaked Coconino sandstone blocks

Breccia pipe evolution - 4



Stage 4 – Final mineralised breccia pipe

- Uranium usually occurs as pitchblende up to 9%. Historic head grade average is 0.64% U_3O_8
- Typical individual pipe contains 1,500tU – pipes tend to cluster
- Cu, Ni, Pb, Zn, Ag, As accessories, sometimes to economic levels
- A pyritic cap, sometimes massive, often occurs over the deposit
- “Ring Fracture” mineralisation may occur outside the pipe in the host rocks

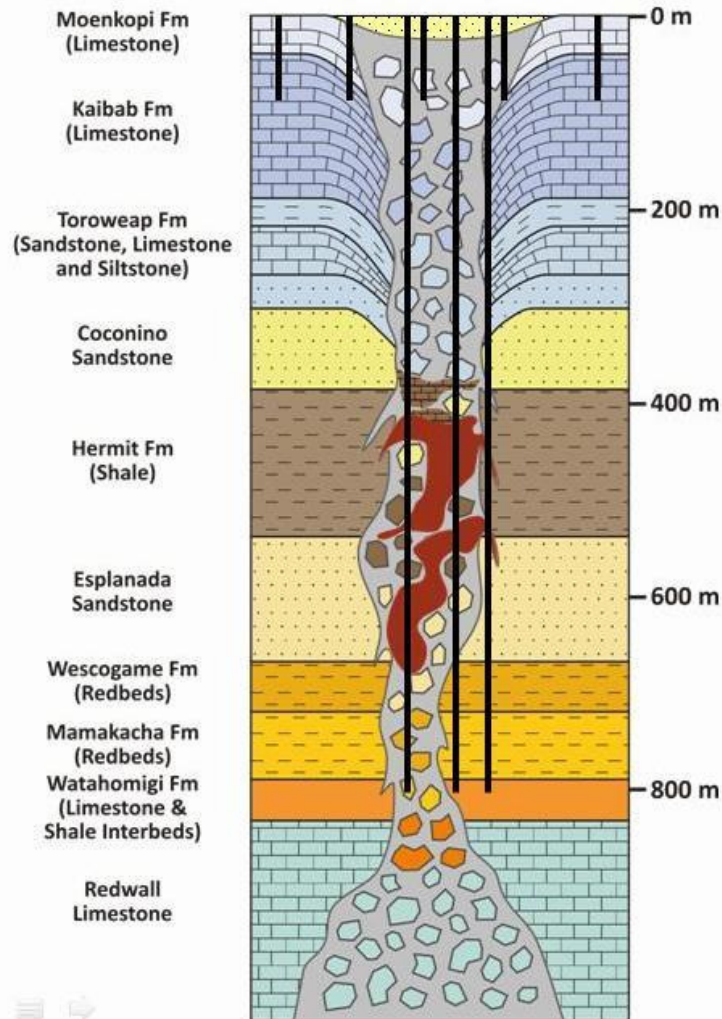
High grade uranium ore

- ❖ Pitchblende sample from the Pinenut Mine
- ❖ ~15% U_3O_8



24 6 2009

Breccia pipe exploration: the past

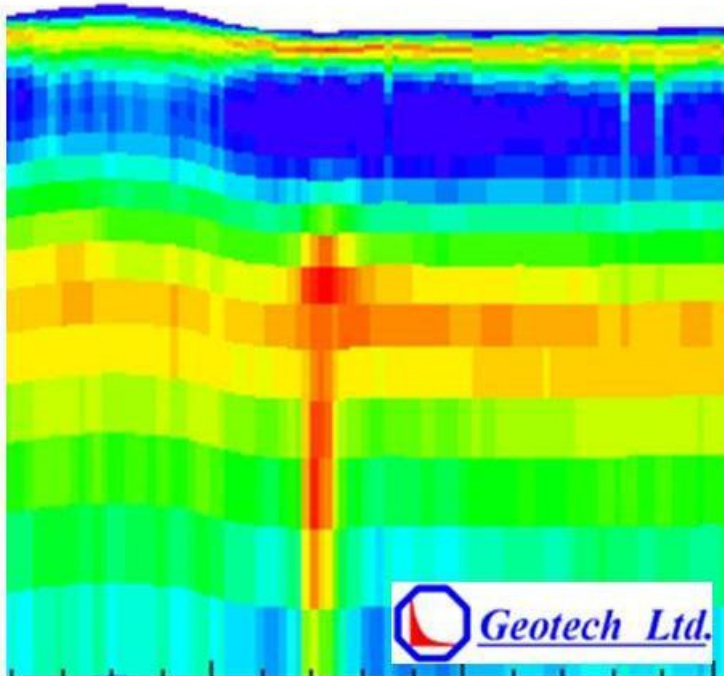


- Historically, breccia pipes were recognised by their surface expression



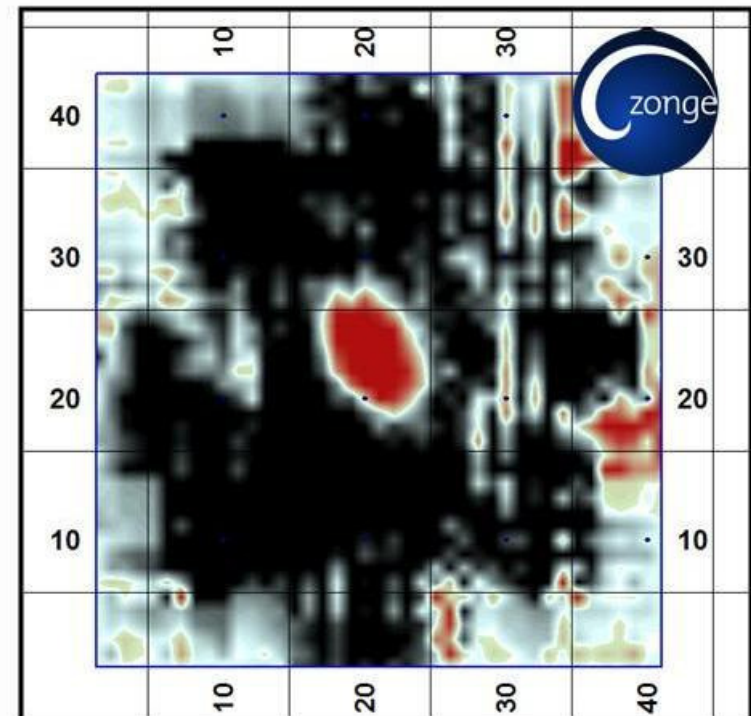
- Reconnaissance drilling confirmed the pipe's centre
- Deep drilling tested the pipe's "throat"

Breccia pipe exploration: the future



3D high resolution reflection seismic surveys obviates the need for the reconnaissance drilling stage

Airborne EM differentiates between surface karsts and true pipes and detects "hidden" pipes



Arizona Strip JV

- ✿ 26 prospects defined by mapping and surface feature identification
- ✿ VTEM survey undertaken on 17 claim blocks and open ground
- ✿ 613 EM anomalies recognised, of which 95 are chosen for additional work
- ✿ 35 are high priority targets



Summary: an exciting year

During the 2009 field season Royal expects to:

- ✿ Complete follow-up drilling at Adelaide River and George Ck prospects
- ✿ Complete negotiation of the access agreement to Ngalia to allow initial drilling campaign
- ✿ Advance the access agreement to ABC prospect
- ✿ Drill test the highest priority targets in the Uravan
- ✿ Drill test up to three breccia pipes in the Arizona Strip

Contact

Registered Office

Level 3, IBM Building
1060 Hay Street
WEST PERTH WA 6005

PO Box 7525
Cloisters Square
PERTH WA 6850

Telephone:

+61 8 9322 8542

Facsimile:

+61 8 9322 6577

Australian Securities Exchange Code:

ROY

For further information:

Phil Crabb Chairman

Marcus Flis CEO

info@royalresources.com.au

www.royalresources.com.au



Full Disclaimer and Competent Person's Statement

This presentation has been prepared by Royal Resources Limited (ABN 34 108 102 432) ("Royal") based on information available to it. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of Royal, its related bodies corporate, its or their directors, employees or agents, advisers, nor any other person accepts any liability for any loss arising from the use of or reliance on this presentation or anything contained in, omitted from or otherwise arising in connection with it, including, without limitation, any liability arising from fault or negligence on the part of Royal, its related bodies corporate or its or their directors, employees or agents.

Royal Resources acknowledges exploration targets set out in this presentation are not to be interpreted as Mineral Resources or Ore Reserves unless specifically stated as being JORC compliant. Quoted targets are based on the interpretation of host rock prospectivity, volume of rock, and assumed densities. The potential quantity and grade is conceptual in nature and there has been insufficient exploration to define a mineral resource and it is uncertain if further exploration will result in determination of a mineral resource.

The details contained in this report that pertain to ore and mineralisation is based upon information compiled by Mr Marcus Flis, a full-time employee of the Company. Mr Flis is a Fellow of the Australasian Institute of Mining and Metallurgy (AUSIMM) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Flis consents to the inclusion in this report of the matters based upon his information in the form and context in which it appears.

The distribution of this document in jurisdictions outside Australia may be restricted by law and you should observe any such restrictions.

This presentation is not an offer, invitation, solicitation or recommendation to invest in Royal and neither this document nor anything in it shall form the basis of any contract or commitment. The information in this presentation does not take into account the investment objectives, financial situation and particular needs of investors and does not constitute investment, legal, tax or other advice. Before making an investment in Royal an investor should consider whether such an investment is appropriate to their particular investment objectives, financial situation and particular needs and consult a financial adviser if necessary. This presentation does not purport to constitute all of the information that a potential investor may require in making an investment decision. Investments are subject to investment risk, including possible delays in repayment and loss of income or principal invested. Royal does not guarantee the performance of the investment referred to in this presentation, the repayment of any capital invested or any particular rate of return.

Nothing in this presentation is a promise or representation as to the future. Statements or assumptions in this presentation as to future matters may prove to be incorrect and differences may be material. Royal does not make any representation or warranty as to the accuracy of such statements or assumptions.

You acknowledge that circumstances may change and the contents of this presentation may become outdated as a result. Royal accepts no obligation to correct or update the information or opinions in this presentation. Opinions expressed are subject to change without notice.

By accepting this document, you agree to be bound by the above limitations.