Developing High Margin Uranium Projects

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June 2015

ASX: AEE

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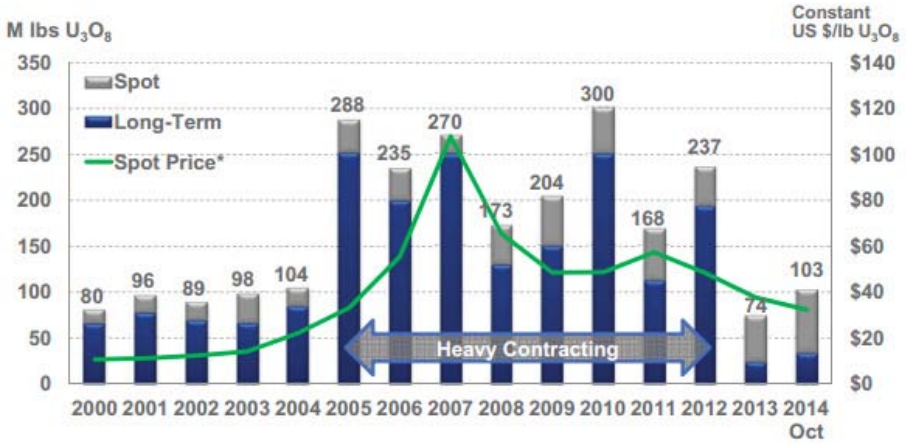
Uranium & Nuclear – Current Sentiment Drivers

- Future uranium demand from new Chinese builds and Japanese reactor restarts are key

- However supply and contracting issues biting in the broad uranium/ nuclear sector:
  - Cigar Lake - 2015 guidance was 16 Mlbs; now 6-11Mlbs
  - Olympic Dam – 6 mth shutdown; 3 Mlb loss
  - Lack of term contracting now seemingly critical

- Chinese demands for clean air
- EU nuclear reductions – challenged
- Renewable energy's saviour status fading
- Environmentalists nuclear support growing



Aura Energy Summary

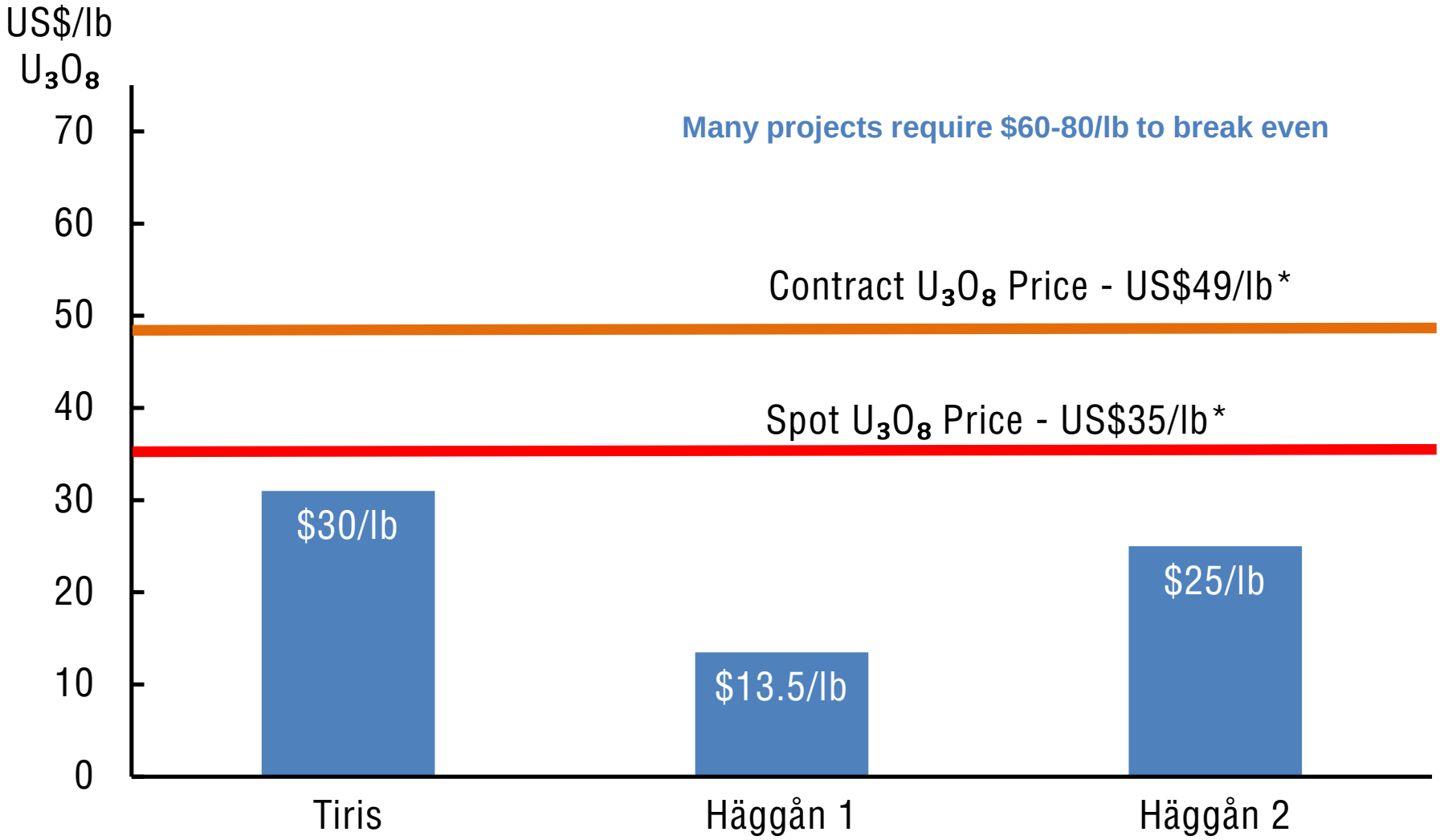
- Aura Energy - prepared for uranium recovery with two development projects
- Aura's 100% owned uranium resource base is globally significant:
  - Tiris : 50 Mlbs – Mauritania
  - Häggån : 800 Mlbs – Sweden
- Scoping Studies completed on both projects
- Tiris Definitive Feasibility Study has now commenced

The Tiris project provides near term production & cashflow – current focus

- C1 Cash costs of US$30/lb U_3O_8
- US$45m capex – competes with In-Situ Leach projects

- Häggån presents a large long term value option
  - C1 Cash costs of US$13.50/lb incl credits

Aura C1 Cash Costs Vs Contract and Spot Pricing (US$/lb)



** Trade Tech Report*

Aura's Strategy – Moving to Cashflow

Aura's development strategy as follows:

- Complete the Tiris DFS within18 mths
- Commence Tiris construction late 2016 (finance?)
- Continue project financing discussions H2 2015
- Progress critical path Häggån studies

Tiris Uranium Project (100%)

Low Capex , Low Opex - Near Term Production and Cash Flow

- 50 m lb Resource in North-East Mauritania
- Initial production profile up to 1mlbs per annum
- Key project attributes creating the low cash cost:

1. Shallow Mining at 1- 5 metres depth
2. Ore Upgrades by 500 - 700%;
   - 335 ppm to 2,500 ppm U_3O_8
3. High Leach Recovery and rate;
   - 94% in 4 hours

Resulting project:

1. Very small physical footprint
2. No grinding – huge construction and operating savings
3. Easily scalable – modular, assembled on-site
4. Low Capex and Opex - ie, US$45 million and US$30/lb U_3O_8

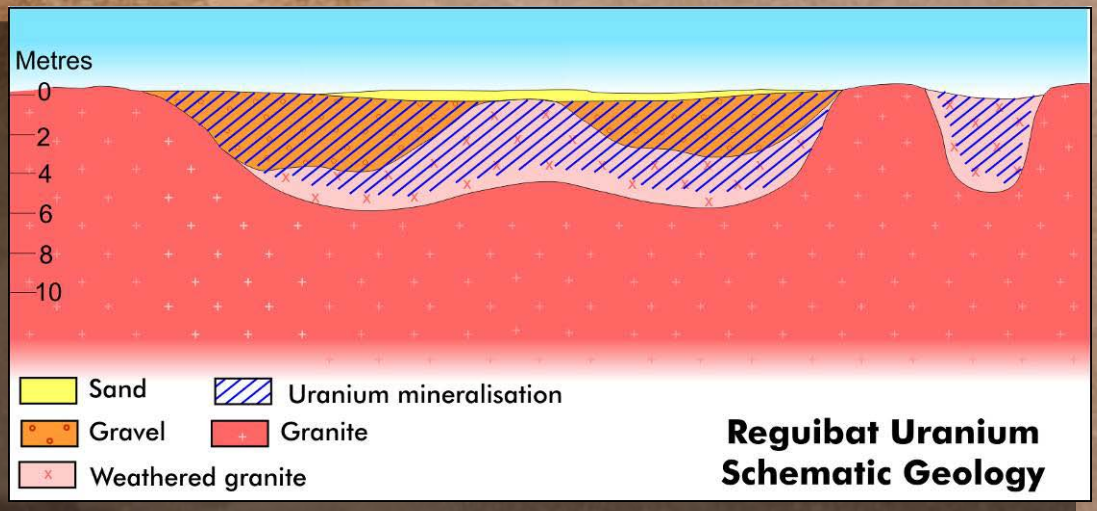
Shallow Trenching Reveals Mineralisation

Calcrete deposit with carnotite uranium in a weathered granite host

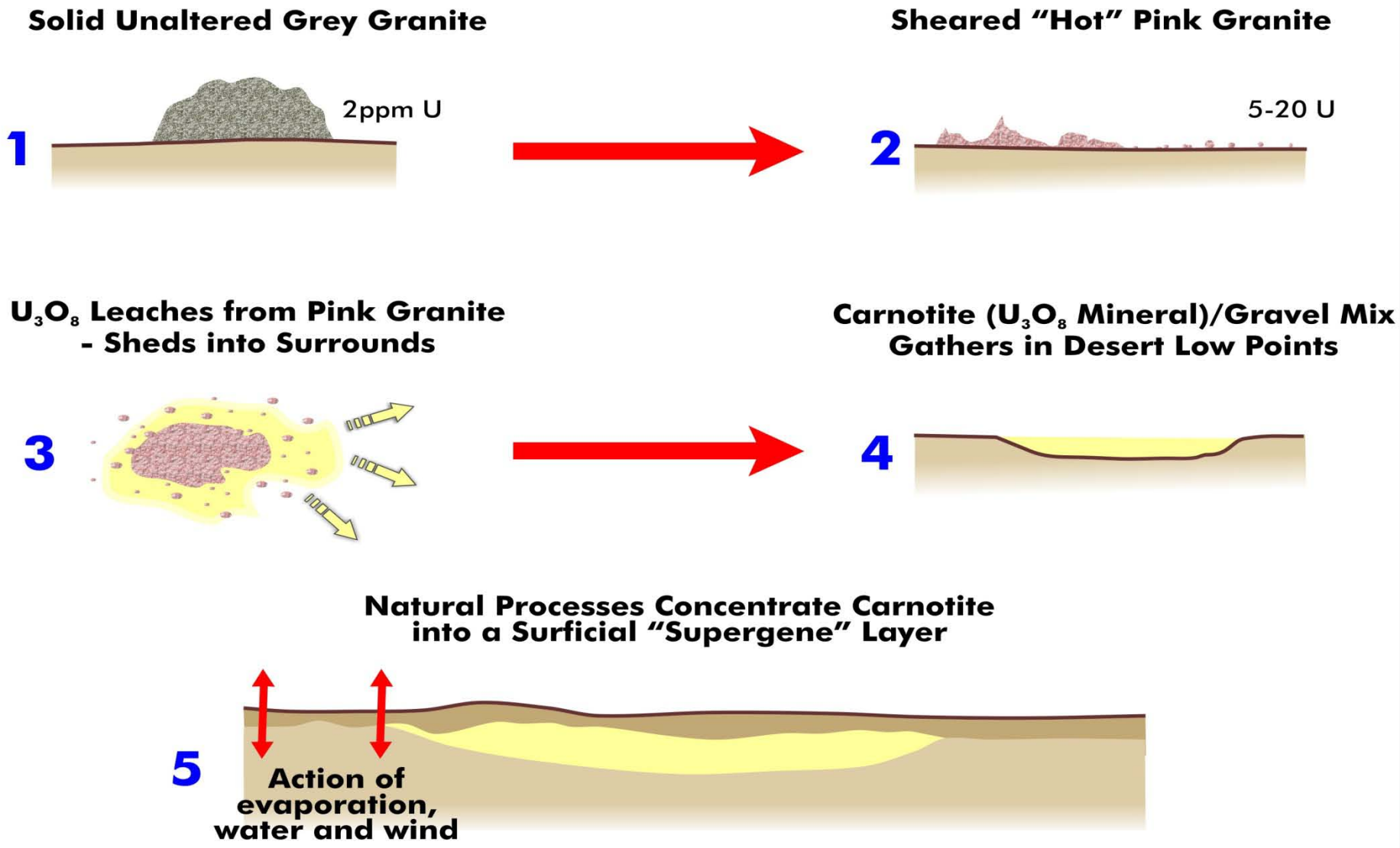
Free digging mining,
No drill and blast

Permitting in a
remote desert region

Uranium Mineralisation
as Carnotite

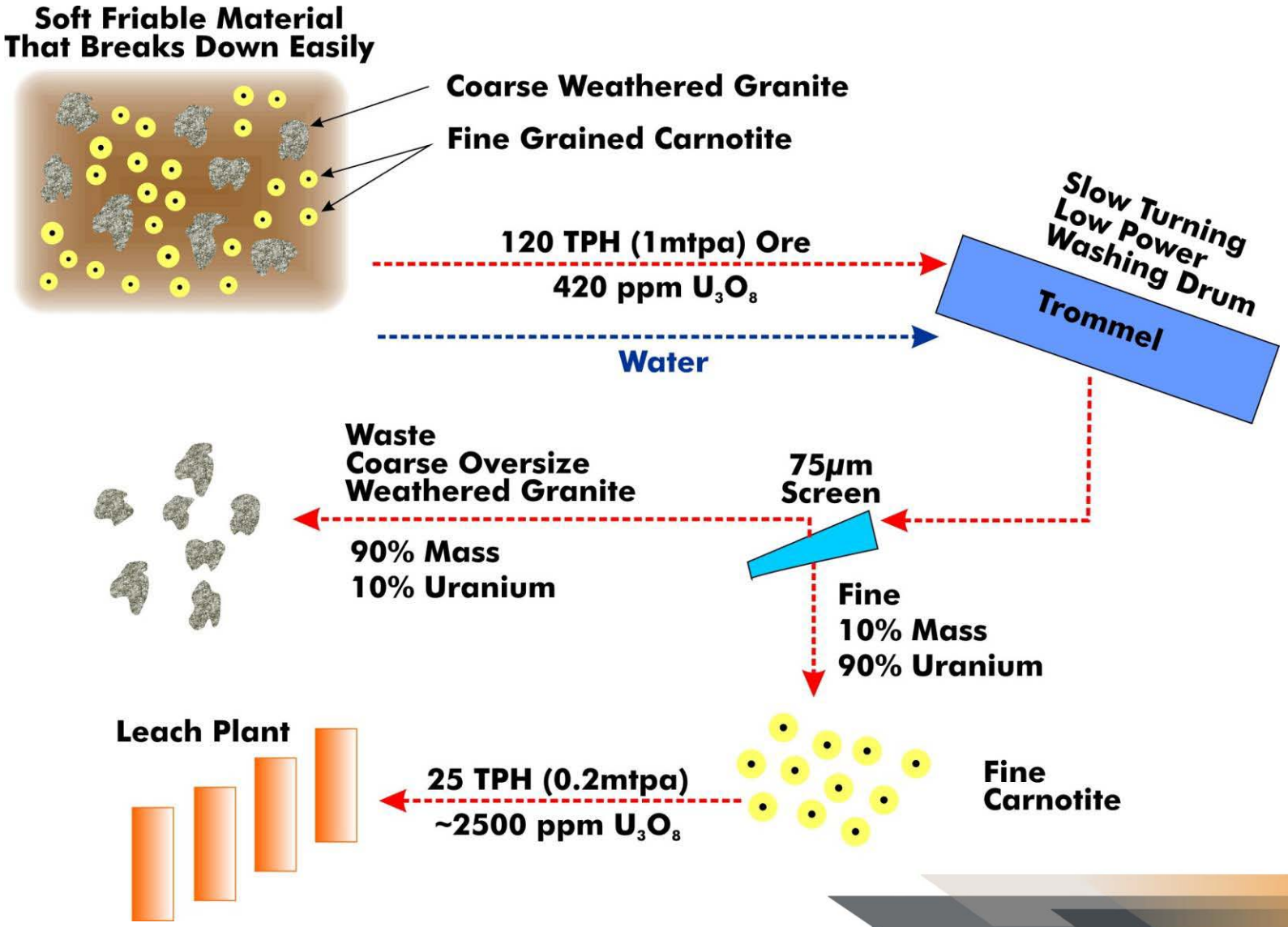


Possible Tiris Geological Formation



Tiris Field Geology

Tiris Simple Ore Upgrade Steps



Tiris Scoping Study - Completed July 2014

Project

- Shallow mining 1.0 Mtpa @ 420ppm U_3O_8 for 15 years (~120 tph)
- 25 tph to small leach facility @ 2,500ppm U_3O_8
- Producing 0.7-1.1 Mlbs U_3O_8 per year
- 10.8 Mlbs U_3O_8 - LOM Scoping Study mine plan versus 50 Mlb resource

Key Financial Metrics

- Pre tax cashflow (15 years) : A$360 M using US$65/lb U_3O_8 LT
- Scoping Study utilises only 20% of known 50 m lb Resource
- IRR of 78% before tax and royalties
- Breakeven price of US$37/lb U_3O_8

Operational Milestones

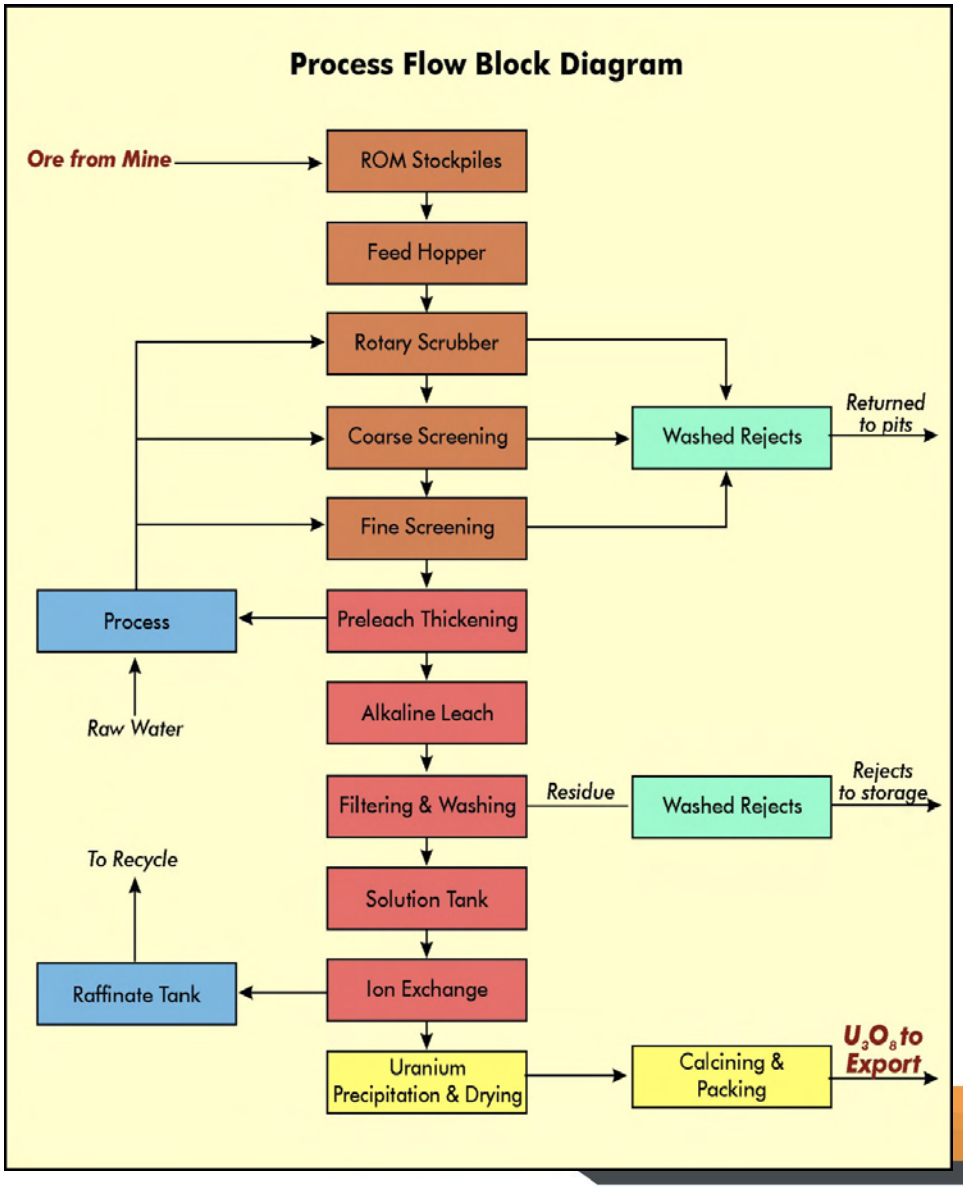
- Project go ahead within 18 months post DFS subject to funding
- Expand project from cashflow
- Convert anomalies to target +75Mlb uranium Resource

Tiris Process Flowsheet

- Very small plant with no grinding
  - Wash & Screen
  - Alkaline Leach
  - Ion Exchange
  - U_3O_8 Product Precipitation
- Capital estimate robust – direct quotes

Tiris Capital Cost	
Description	Cost (US$ m)
Mining	1.12
Process Plant	22.0
Infrastructure	9.03
Engineering	3.19
Owners Cost	1.58
Contingency	8.05
Total	45.0

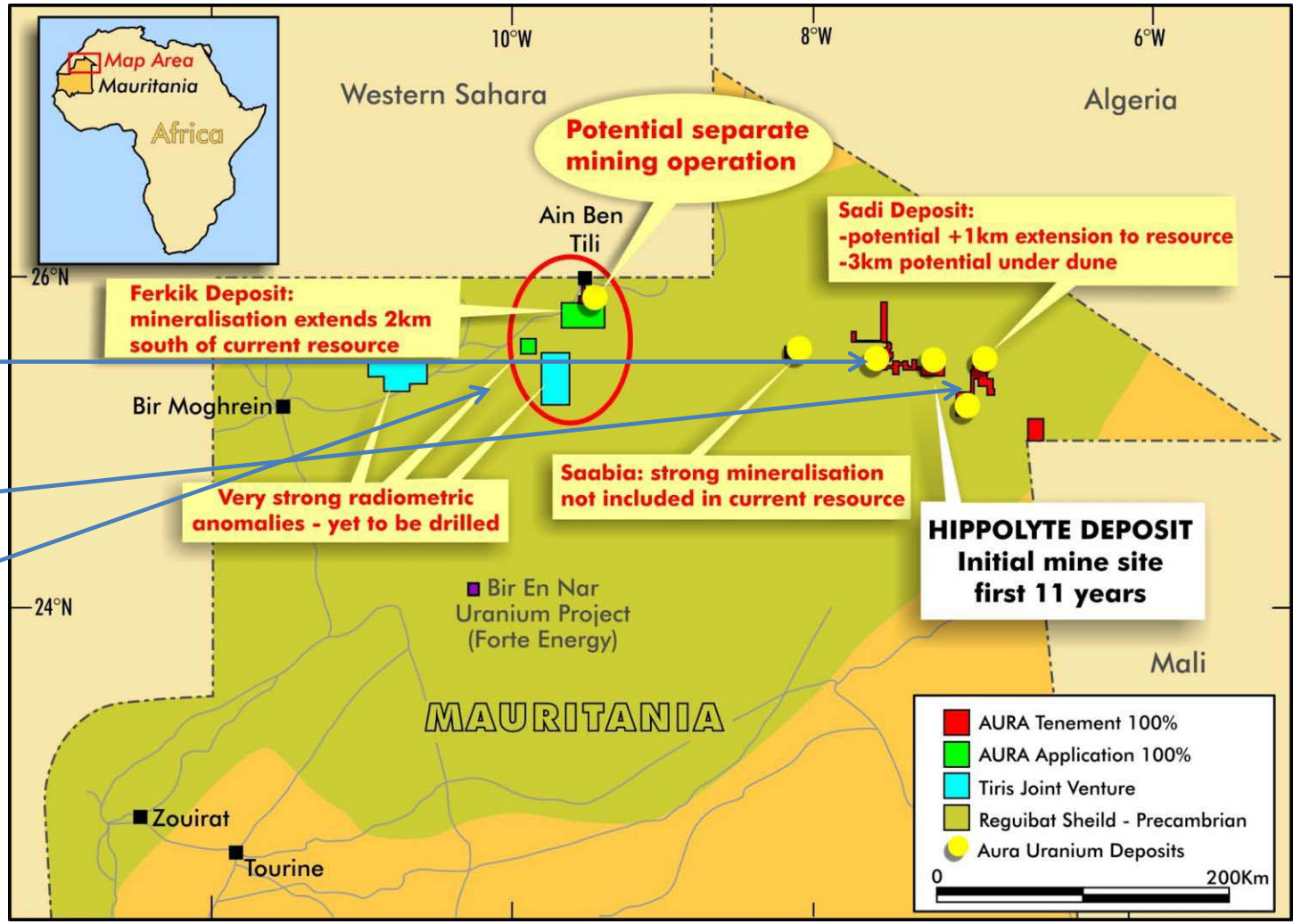
Tiris Operating Cost	
Description	Cost US$/t Ore Mined
Mining	2.59
Processing	11.77
Services	3.00
G & A	4.08
Total	21.42



Recent Tiris Drilling Program

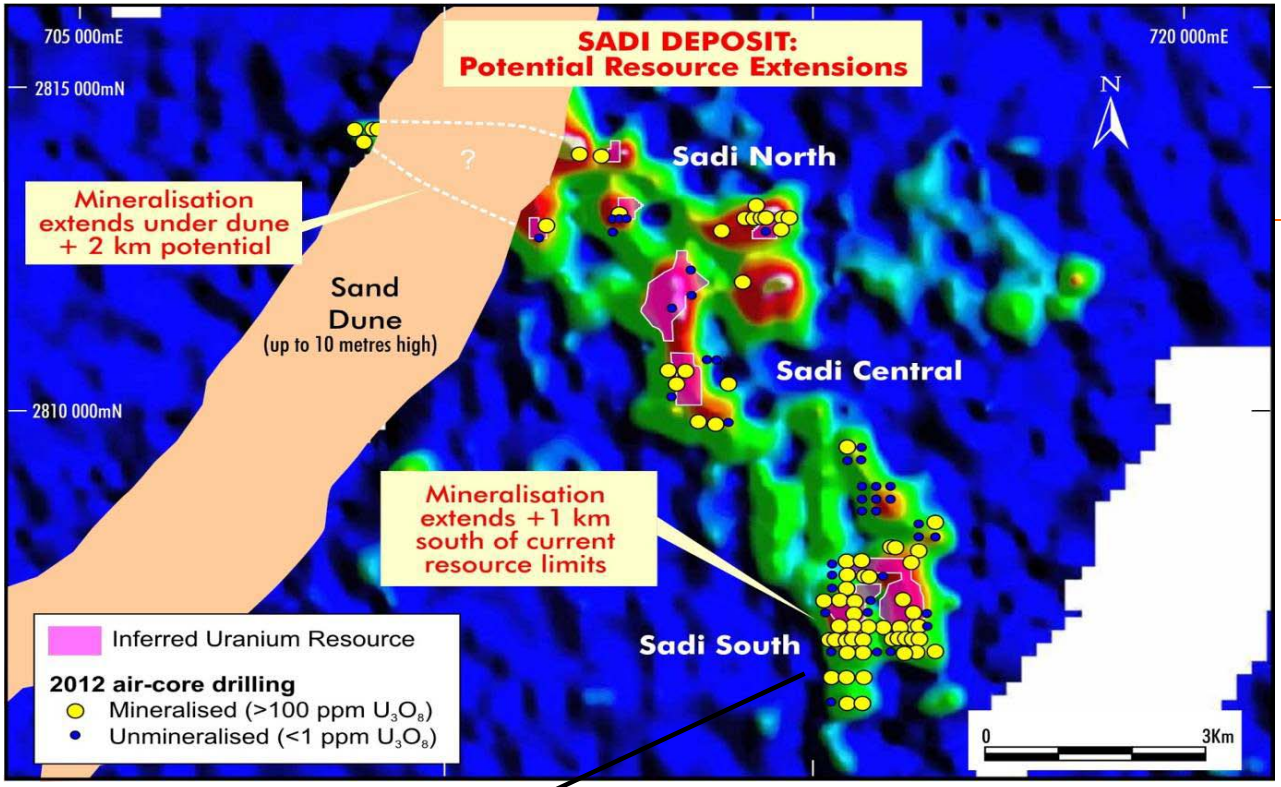
4,000 metre drilling program ongoing

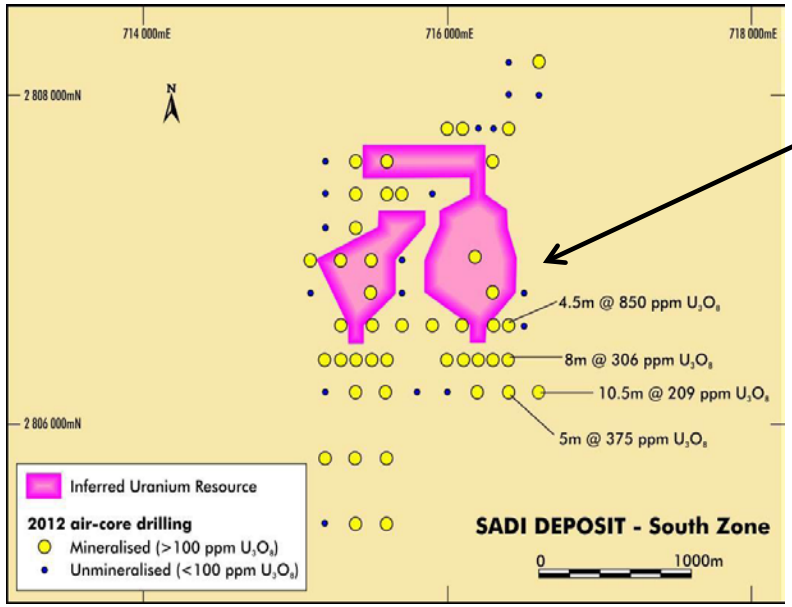
1. Inferred Resource to Measured/Ind
2. Expand known Resources
3. New Exploration Targets tested



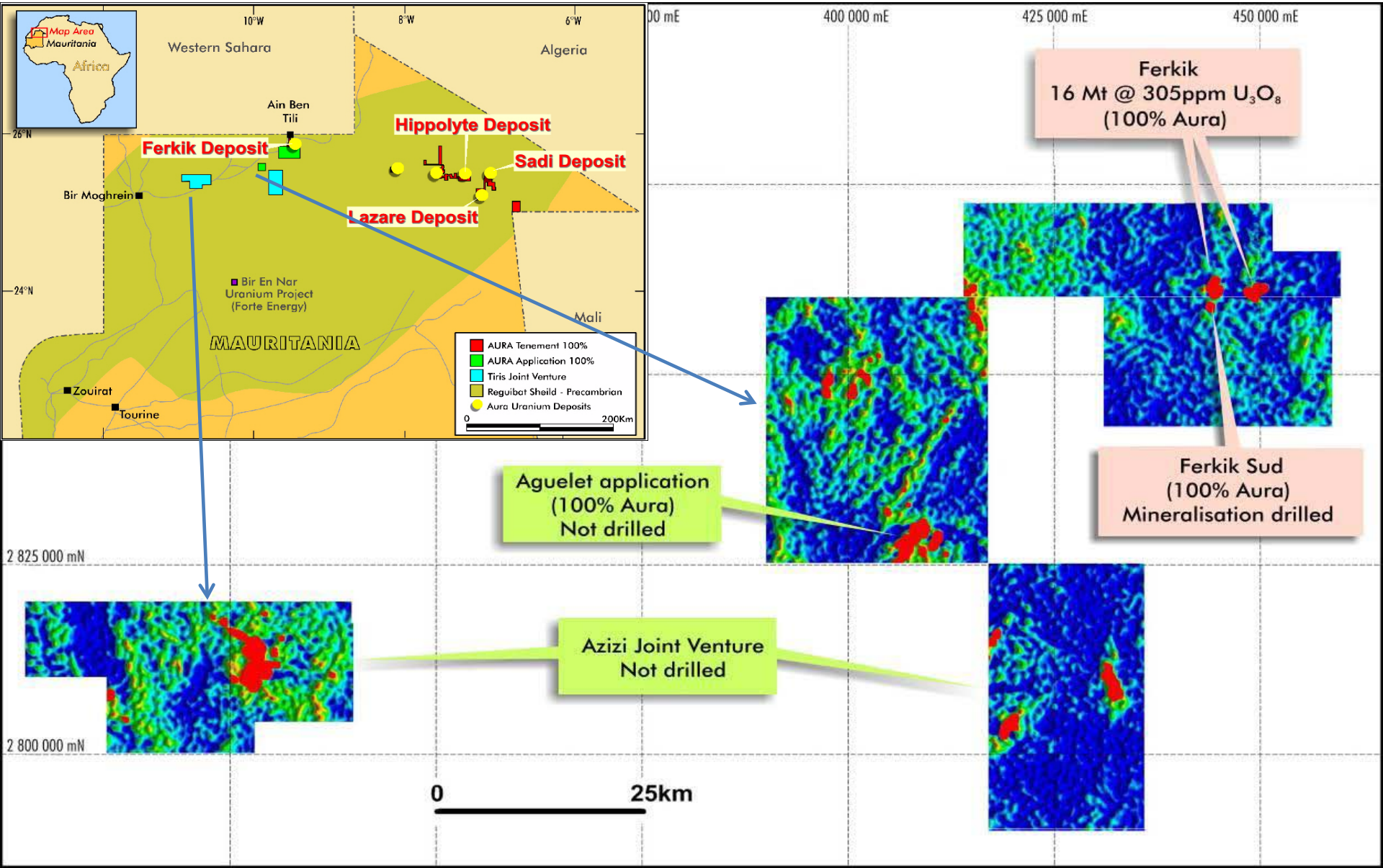
Sadi Deposit Exploration

- Follow up drilling on previous high grades
- Known mineralisation under sand – Sadi Sands
- Untested targets
- Untested known radiometric anomalies



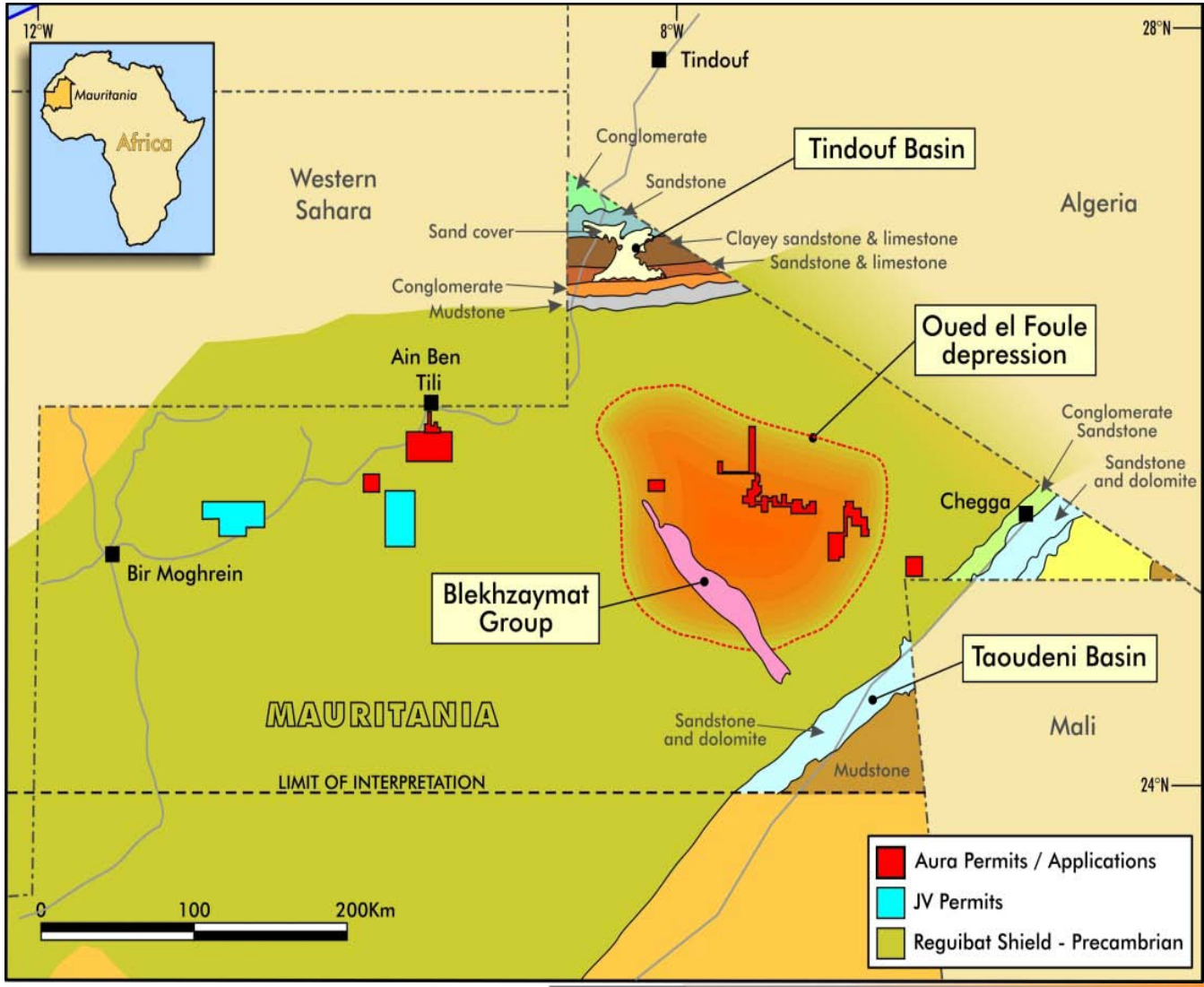


Recently Drilled Exploration Targets

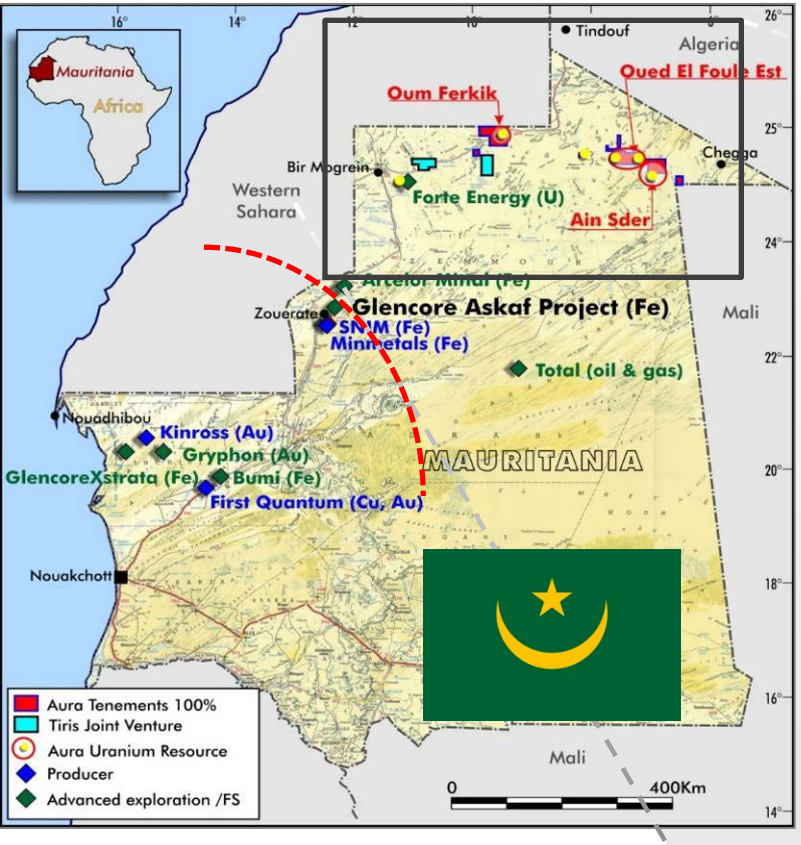


Project Water – Plentiful Occurrences

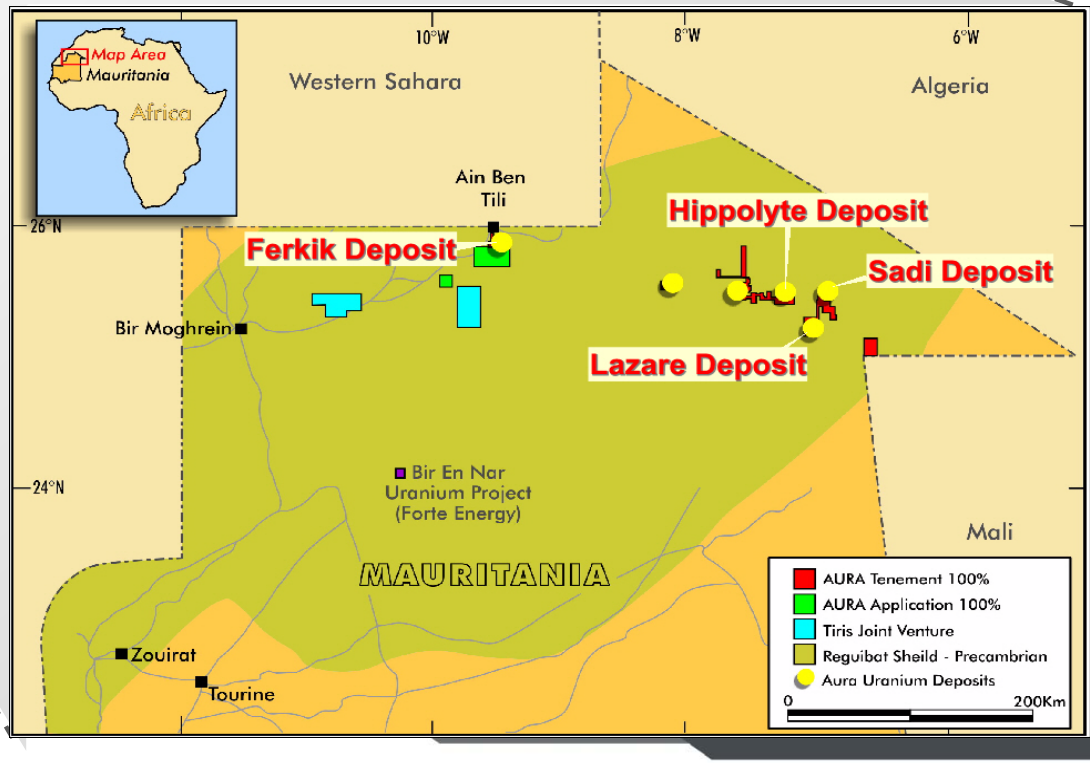
- Water source study completed by Golder Associates
- Shallow drill holes hit water at 10-15 metres
- First target the shallow Reguibat Shield surrounding the Project
- Second target the Taoudeni Basin (Glencore, SNIM)
- Same source as the iron ore mines at Zouerate



Mauritania – Substantial Foreign Mining Investment



- Glencore : $1.0 billion Askaf Iron Ore – deferred
- First Quantum: $800 m Guelb Moghrein Cu-Au
- Kinross : $7-8 billion, Tasiast Gold Mine
- Arcelor Mittal : Iron Ore JV SNIM
- Minmetals :Tazadit Iron Ore



- Population : 3.5 million
- Capital : Nouakchott
- State : Republic (Fmr French Colony)

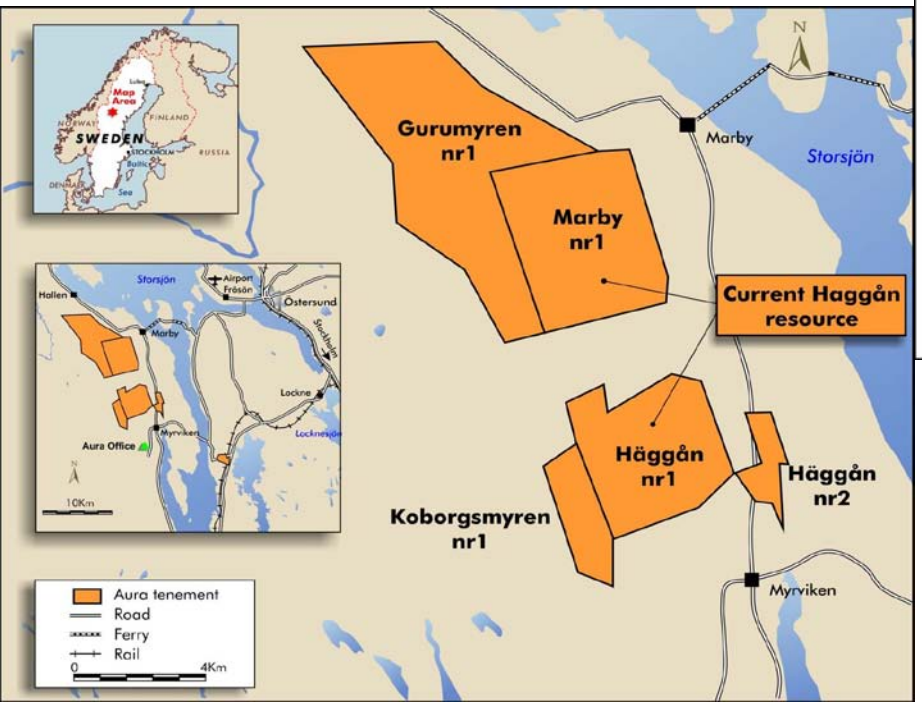
Häggån Project – Sweden (100%)

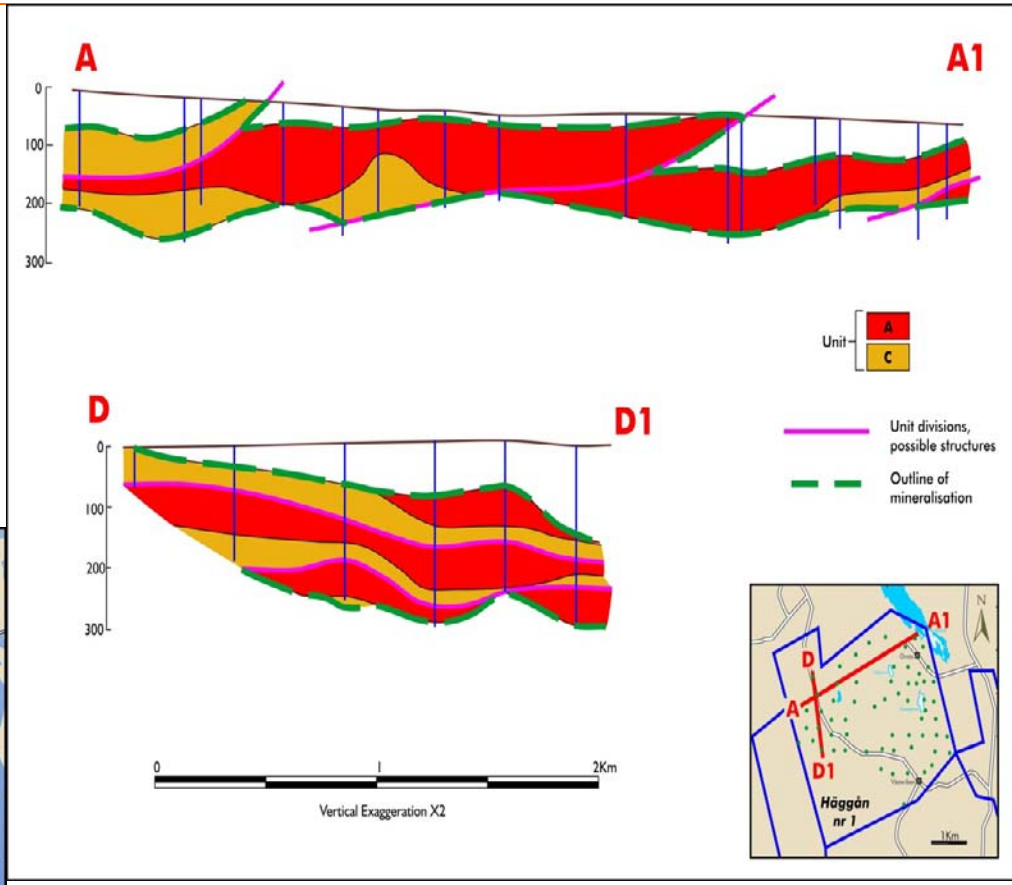
- Strategic European uranium deposit;
  - One of largest undeveloped globally
- Inferred Resource of 803mlbs U_3O_8 with significant base metals of Mo, Ni, Zn, V
- Scoping study completed in 2012
- Strong project economics with low operating costs;
  - C1 cash costs of US$13.50/lb after by-product credits (Mo, Ni)

- Flat lying resource from surface amenable to large scale, bulk open pit mining
- Bio heap leaching provides exceptionally low processing costs
- 30mtpa scale with smaller scale start sizes studied

Häggån - Excellent Project Location

- Excellent service infrastructure
- Located - Berg Commune, strong rural community
- Berg Commune population is 7,500
- Employment important factor for region
- Häggån project area is largely forest and swamp





Häggån Exploration

Bio Heap Leach Drives Low Capex

- Bacterial heap leaching provides low capital intensity
- Consistent 85% leach recovery - 3 test series completed;
  - Bench test, 0.5m and 2.0m column tests
- Low acid consumption confirmed
- Leach uses bacteria found naturally in the ore
- Bacterial heap leaching widely used in copper and gold

Definitive project test requires;

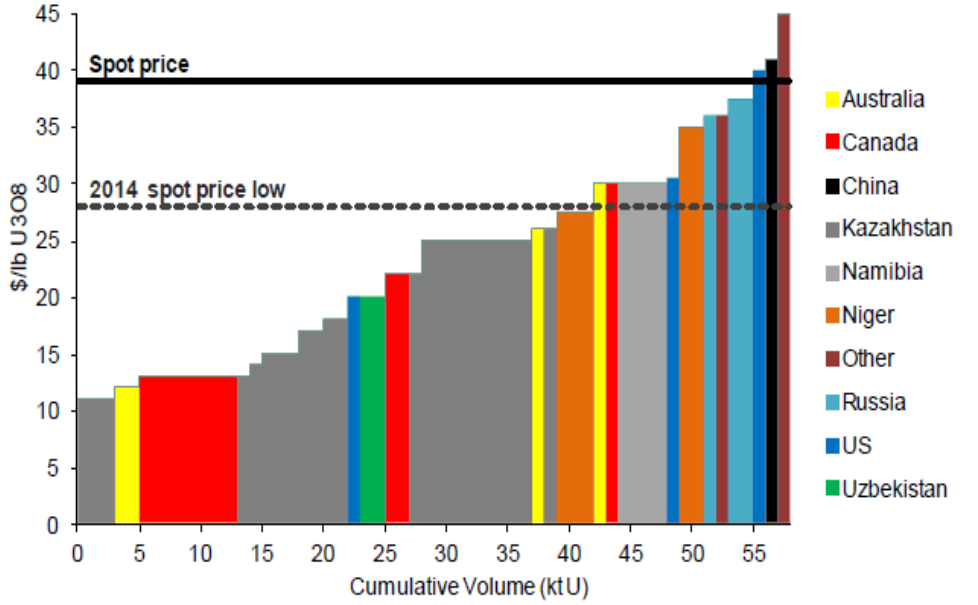
1. Scoping column leach tests ~ $1m
2. Crib Leach Test – real life test ~ $1m

Method	U %	Mo %	Ni %	Zn %
Bacterial column leach	85%	22%	66%	51%

GTK crib test at Outokumpu town
Source GTK

Häggån – Low cost, Low risk, Mining Project

Project	Capital Cost	Produced U_3O_8	C1 Cash Cost $/lb ~ Credits
Mtpa	$m	Mlbs	US$/lb
30	540	7.8	13.50
5.0	190	1.4	25-30



Source: Company data, Macquarie Research, April 2015

Aura Financial Position

- Completed Placement recently for A$1.02 million
- Share Purchase Plan Underway to raise a further A$1.0 million
- Ability to bid for shortfall
- Shortfall Application bids already very strong
- Cash on Hand - circa $1.5 million
  - $0.532 million as of 31/3/15
  - $1.02 million subsequently raised 13/4/15
  - Excludes any SPP proceeds; up to $1.0 million
- Main cost – DFS Completion
- Corporate funding options being pursued
- Minimise dilution

Aura Energy News Flow

- Tiris Resource upgrade drilling results
- Tiris Resource expansion drilling results
- Tiris new exploration prospect results
- Tiris Revised Resource estimate
- Häggån drilling results
- Tiris Feasibility Study updates
- Beneficiation testwork results
- Financing and corporate discussions

Aura Energy - Summary

- Aura is progressing low capex and low opex project developments
- High margin projects imply significant value
- Tiris Scoping Study successfully completed; Capex US$45m; Opex US$30/lb
- Häggån a “free option” on a uranium price recovery
- Häggån cash costs US$13.50/lb. incl. credits = Lowest quartile
- Excellent exploration upside in both projects

Aura Energy - Corporate Snapshot

Capital Structure	
Share Price	2.4 cps
Shares On Issue	315 m
Options On Issue *(ave exercise 10.8c)*	46.1m
Market Capitalisation	A$8.0m
Cash *(28/5/15)*	A$1.56m
Enterprise Value	A$6.44m

Board of Directors	
Executive Chairman	Peter Reeve
Non-Exec Director	Bob Beeson
Non-Exec Director	Brett Fraser
Non-Exec Director	Jules Perkins

Share Price & Volume

Thank You

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Next Steps – Tiris Feasibility Study

- Initial work in the Feasibility Studies
- Environmental baseline studies
- Social impact studies
- Upgrading first years of production to Measured and Indicated Resource status
- Confirming the beneficiation and leaching results
- Defining water sources
- Safety management plan
- Assessment of infrastructure requirements
- Mining and engineering
- Application for an Exploitation Permit

Tiris Feasibility Study Team

The Tiris Project team has been confirmed as;

- George Widelski – Project Study Manager

George has over 40 years' experience in the metallurgical and mineral processing industries in Australia, North and South America, Africa, Europe and Asia. His project and study involvement has included gold, silver, copper, lead, zinc, uranium and mineral sands. George was a senior metallurgical consultant with Hatch and Fluor providing metallurgical and engineering support to projects, feasibility studies and worked with Bechtel in Chile as the manager of the global Copper Centre of Excellence. He has worked on several project developments in various parts of Africa and has worked with both large and junior resource companies.

- Neil Clifford – Geology and Mauritanian Country Manager

Neil Clifford is a geologist with extensive and successful experience in international minerals discovery and deposit evaluation. He has played key roles in the discovery of at least 9 major mineral deposits in Australia, South America and Africa, for a variety of commodities including gold, uranium, copper and tin. These discoveries have included 20 million ounces of gold and seven have subsequently become mines. He played the lead role in the discovery of Aura's Tiris uranium deposits in Mauritania. He has held senior management positions in Australia and in Europe including roles as Exploration Manager with Billiton, Acacia Resources, and AngloGold. He has been involved in West Africa since 2005.

- Will Goodall – Metallurgy Study Manager

Dr Will Goodall is a metallurgist with extensive experience in project development and optimization across a range of commodities for both junior and major mining companies, including Barrick Gold, Newcrest Mining, Harmony Gold, Eldorado Gold, Vedanta and First Quantum Minerals. He has managed large scale process development and testwork programs in bio-extraction of uranium, calcrete uranium, tin, copper and gold projects. This included the development of efficient recovery processes for uranium and other metals from the Häggån polymetallic deposit, Sweden. Dr Goodall has held research leadership roles in collaborative research projects with AMIRA International and the University of Queensland in geometallurgy and published extensively in peer-reviewed journals. As an expert in mineralogical characterisation and geometallurgy Dr Goodall brings a unique range of complementary skills to the team.

Tiris and Häggån Resource Tables

Tiris Resource

100ppm cut-off	Tonnes	Grade (ppm)	Mlbs U_3O_8
Indicated	2	300	2
Inferred	64	335	47
Total	66	334	49

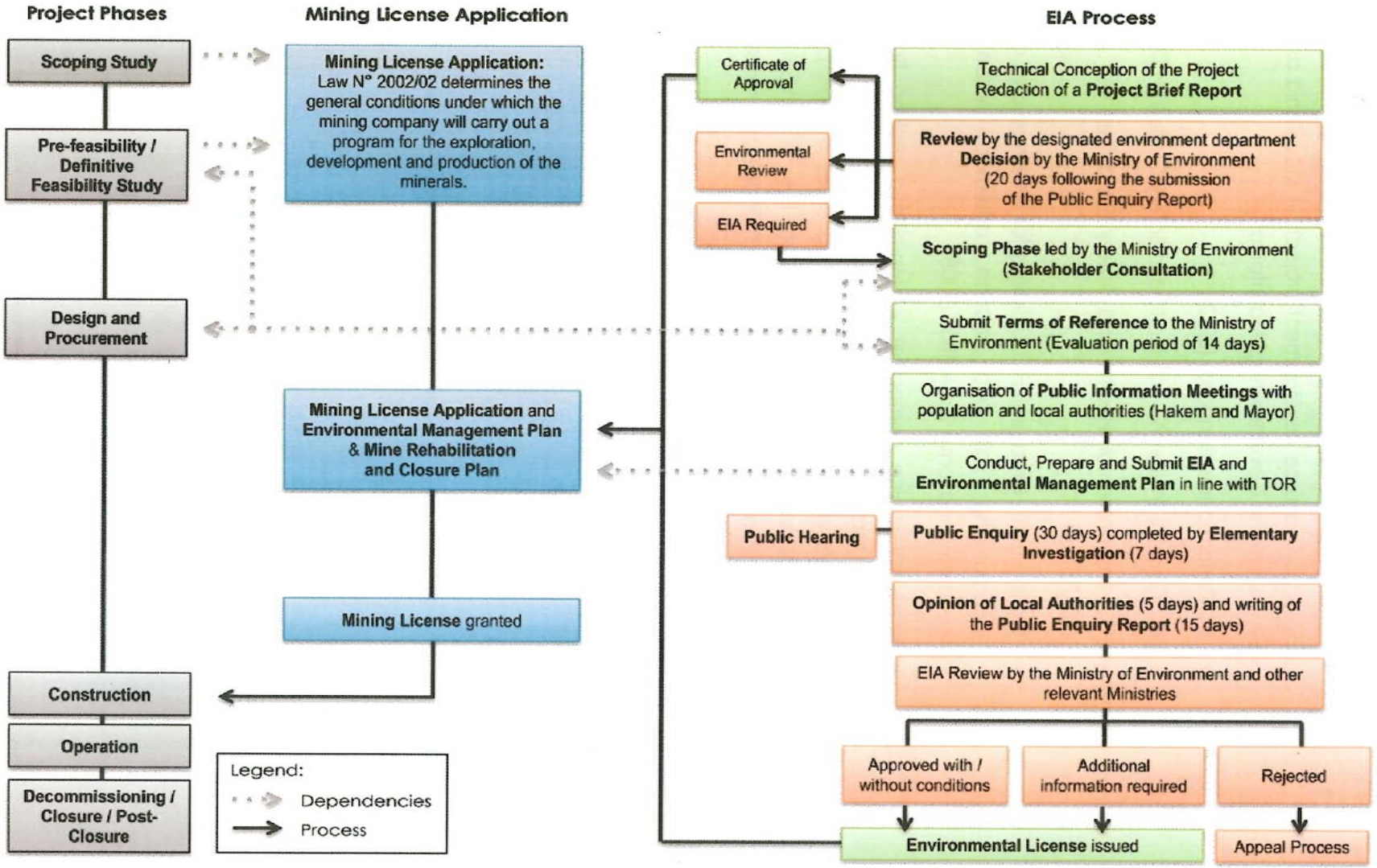
** Using a 100ppm U_3O_8 cut-off grade*

Häggån Resource

100ppm U_3O_8 Cut-off	Tonnes (Bt)	U_3O_8 (ppm)	Mo (ppm)	V (ppm)	Ni (ppm)	Zn (ppm)
Inferred	2.35	155	207	1,519	316	431

- Uranium - 803 Mlbs (U_3O_8)
- Nickel - 1,640 Mlbs
- Zinc - 2,230 Mlbs
- Molybdenum - 1,070 Mlbs

Tiris Mine Permitting Process - Mauritania



– Environmental permitting process in Mauritania in relation to project phases and mining license application process.