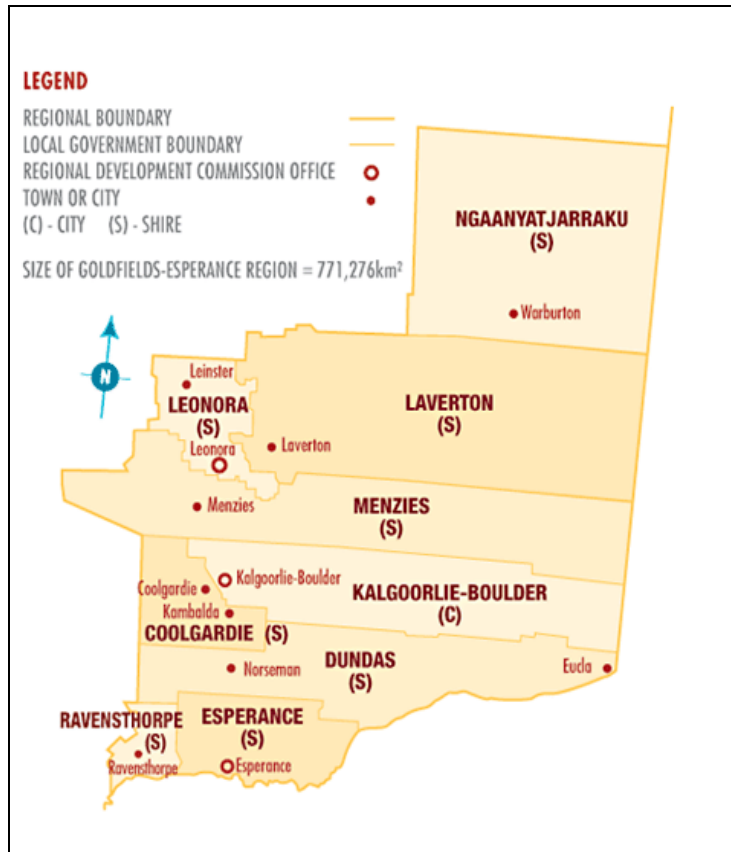




# MAJOR PROJECTS SUMMARY

## GOLDFIELDS – ESPERANCE REGION OF WA

REVISED JULY 2009



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CONTENTS	PAGE
INFRASTRUCTURE PROJECTS	2
GOVERNMENT PROJECTS	7
COMMERCIAL PROJECTS	11
TOURISM	12
MAJOR CONFERENCES	12
MAJOR LAND DEVELOPMENTS	14
INDUSTRY	16

### **Project Status Explanation**

<b>Proposed:</b>	The project is at conceptual stage.
<b>Planned:</b>	The project has progressed significantly from the conceptual stage but it is not committed to proceed.
<b>In progress:</b>	The project is either committed (funded), at tender or is in construction.
<b>Suspended:</b>	Progress of the project has been temporarily halted.
<b>Care and Maintenance:</b>	The project has ceased operations until further notice.
<b>Completed:</b>	The project has reached practical completion.

## **INFRASTRUCTURE PROJECTS**

### **ROADS**

#### **The Outback Way (\$10m+)**

*Project Status: In progress*

The Outback Way is a 2,800km route linking WA to QLD of which 1,700km is gravel. The road extends from Laverton through Alice Springs to Winton and is being promoted as The Outback Way - Australia's Longest Shortcut, linking Perth to Cairns. Gravel sections of the route are gradually being upgraded with funding from the Federal, State and Territory Governments. The WA Government is responsible for the 890km section that lies within the Shires of Laverton and Ngaanyatjaraku.

Since 1998 the WA Government has provided funding which has enabled the Shires to improve the road alignment, formation and running surface along more than 500km of the route. In 2004 the Federal Government allocated \$10m to the project (entire route) under the 2004 Auslink Strategic Regional Program which was matched by Federal, State and local government.

The Western Australian Government has allocated funding in future years to continue with the upgrading of the road.

In November 2008, The Outback Way – Australia's Longest Shortcut was launched as a new tourist route for Australia. The Outback Way encompasses the world's longest geocaching trail, a HEMA guide book/Atlas for the Outback Way, interpretive panels and is endeavouring to include and promote indigenous tourism experiences along the route in 2009.

[www.mainroads.wa.gov.au](http://www.mainroads.wa.gov.au)

### **Coolgardie-Esperance Highway Upgrade (\$1.2m)**

*Project Status: Completed*

The upgrade involves realigning the road and upgrading facilities between the railway line and highway near Grass Patch, south of Salmon Gums. Work on the project commenced in January 2009 and is expected to be completed in March 2009.

The upgrade will help alleviate the safety issues of road trains crossing the railway line. The work will involve providing a left turn arrow and bulb on the western side to accommodate road trains entering from the side road, and provide adequate stacking distance for a 36.5 metre road train.

[www.mainroads.wa.gov.au](http://www.mainroads.wa.gov.au)

### **Goldfields Highway Lake Raeside Section**

*Project Status: Completed*

This project involved sealing of 8kms of road south of Leonora, combined with the construction of a new 6 span, 120 metre long bridge at Lake Raeside. Work commenced on this project in August 2008 and was completed in April 2009.

The bridge has improved access for communities in the north eastern goldfields to the regional centre of Kalgoorlie-Boulder, and also improved service levels for pastoral, mining and resource industries, particularly in the transport of freight, mining products and other commodities.

## **INFRASTRUCTURE PROJECTS**

### **RAIL**

#### **Shark Lake Industrial Park (\$12m)**

*Project Status: Planned*

The Esperance Shire and the Esperance Port Authority (EPA) have completed land purchase and site works at the Shark Lake Industrial Park. The EPA is currently assessing viability of using the Industrial Park as a land/port intermodal terminal in long term planning, inclusive of development of appropriate rail/road infrastructure.

[www.esperanceshire.wa.gov.au](http://www.esperanceshire.wa.gov.au)

#### **Port Access Transport Corridor (\$300m+)**

*Project Status: Planned*

Main Roads WA undertook an alignment definition study of the corridor in early 2008 which involved an extensive public consultation process. The process was intended to identify the land requirements for any future development of the corridor as well as

any planning controls that needed to be implemented to guide future development of land or properties adjacent to the corridor.

A range of options were put forward for consideration by the community and key stakeholders. Following the consultation period Option 2b was selected. This option involves the construction of a horse shoe bridge linking the esplanade with Twilight Beach Rd, a bridge linking John St to Harbour Rd and the realignment of the road and rail to allow better access to the entry of the port.

The State Government has committed the funding necessary to undertake further detailed design work for the selected option. In 2007 the Federal Government gave a commitment to fund one third of the \$180m cost of construction (indicative estimate only, based on 2010/11 cost of construction). The remaining \$120m required for construction has yet to be finalised.

[www.mainroads.wa.gov.au](http://www.mainroads.wa.gov.au)

### **CBH Shark Lake Receival Point (\$10m)**

*Project Status: Planned*

CBH is currently considering the long term future and viability of its receival and storage facilities located within the Shark Lake Industrial Park. The Shark Lake Receival Point is currently capable of holding around 60,000 tonnes of wheat and barley. Any future expansion will be contingent on the achievement of additional tonnages beyond that which is currently being handled.

[www.cbh.com.au](http://www.cbh.com.au)

### **Woodchip Export Facilities**

*Project Status: In progress*

Esperance Port has set aside an area of reclaimed land near the number three iron ore shed to stockpile and handle woodchips from late 2009/early 2010.

ITC, the company that plans to export woodchips through Esperance, currently manages about 50,000 hectares of eucalypt located on about 60 properties in the Esperance Region, and plans to start harvesting the blue gums in 2009 onwards.

Initial production could start at about 100,000 tonnes in 2009 and will reach a maximum production of 800,000 tonnes a year by 2012 +.

Woodchip carriers are large handimax sized ships with a high freeboard and are capable of carrying 100,000 cubic metres of woodchips each shipment, which is between 40,000 and 50,000 tonnes. When full production is reached, between 10 and 12 woodchip would be expected to berth at Esperance annually.

[www.esperanceport.com.au](http://www.esperanceport.com.au)

## INFRASTRUCTURE PROJECTS

### POWER

#### **Esperance Network Rural Upgrade Project (ENRUP) (\$12m+)**

*Project Status: In progress*

ENRUP was commissioned by Horizon Power in 2006 as a stand alone project to focus on potential high fire risk assets that include long bays exceeding industry standards, potential clashing conductor conditions and unserviceable/condemned power poles. \$12 million was initially provided by the government of the day to undertake these refurbishments over 4 years. Naturally, as inspections of the network continue, additional conditions have been identified.

To provide the necessary resources to undertake this work Horizon Power undertook a robust tendering process to appoint an alliance partner Transfield Services Ltd. The Esperance network accounts for 86% of Horizon Power distribution networks consisting of more than 3,000 kms of power lines and some 23,000 structures.

ENRUP is only part of the program to restore and maintain the Esperance network to optimal condition and performance. As part of normal business practice Horizon Power undertakes a continuous inspection regime on an annual basis, and other conditions identified through that process form part of an annual Asset Management Planning regime and from which Opex and Capex programs are identified and scheduled for upgrading.

ENRUP conditions on the three phase feeders are scheduled for completion by December 2009.

[www.horizonpower.com.au](http://www.horizonpower.com.au)

## INFRASTRUCTURE PROJECTS

### WATER

#### **Kalgoorlie Storage and Pipeline upgrade (\$22m)**

*Project Status: In progress*

Water Corporation is undertaking work to lay 9km of cement-lined steel pipeline to connect the new 400 M/L reservoir to Mt Charlotte and Mt Percy Reservoirs. The project is expected to be completed in July 2009.

#### **Bulla Bulling Water Storage Tank (\$14m)**

*Project Status: In progress*

Water Corporation is building a new 15M/L concrete water storage tank at Bulla Bulling Pump Station. This project is due for completion in December 2009.

### **Koorarawalyee Pump Station (\$12m)**

*Project Status: In progress*

Water Corporation is replacing the existing pump station at Koorarawalyee which will increase the water supply to the Goldfields. This project is due for completion in April 2009.

### **Boondi Pump Station (\$13m)**

*Project Status: In progress*

Water Corporation is replacing the existing pump station at Boondi which will increase the water supply to the Goldfields. This project is due for completion in December 2010.

### **Coolgardie Pump Station (\$7m)**

*Project Status: In progress*

The upgrade of the existing Coolgardie Pump Station will improve the water supply to Kambalda and Norseman. This project is due for completion December 2009.

### **SCADA upgrades to Kalgoorlie and Esperance Town Water Supplies (\$9m)**

*Project Status: In progress*

Water Corporation is carrying out major upgrades to the SCADA systems for the Supervisory Control and Data Acquisition systems of their water systems. Upgrades are due to be completed in 2013.

[www.watercorporation.wa.gov.au](http://www.watercorporation.wa.gov.au)

## **INFRASTRUCTURE PROJECTS**

### **WASTE WATER**

### **Esperance Waste Water Treatment Plant, Stage 2 (\$6m)**

*Project Status: In progress*

Water Corporation is constructing a new 2.1 M/L per day waste water treatment plant, a new pump station adjacent to the existing plant and 3.5 km of new pressure main. This project is due for completion in December 2009.

### **Water Corporation Infill Sewage Program (\$10m)**

*Project Status: In progress*

Continuation of the state-wide infill sewage program carried out in Kalgoorlie and Esperance. This project is ongoing to 2013.

### **Hopetoun Wastewater Plant (\$10m)**

*Project Status: Completed*

As part of the infrastructure package to Ravensthorpe Nickel Operations the Water Corporation has completed construction of a new waste water facility to the north of Hopetoun at a cost of \$14m. The project was completed in March 2009.

[www.watercorporation.wa.gov.au](http://www.watercorporation.wa.gov.au)

## **GOVERNMENT PROJECTS**

### **SPORT AND RECREATION**

### **Esperance Greater Sports Ground Redevelopment (\$6.2m+)**

*Project Status: Planned - Suspended*

The Shire of Esperance has suspended the project due to building cost escalations and delays in the sale of the Flinders land estate. The Shire has relinquished a \$1.75m grant back to the Department of Sport and Recreation and will reapply when additional funding can be secured to proceed with the project.

If the expansion proceeds it will have the capacity to house four basketball-sized courts as well as accommodate the majority of indoor sports. The current indoor sports stadium located within the Greater Sports Ground will be decommissioned to free up land for grassed playing fields.

[www.esperance.wa.gov.au](http://www.esperance.wa.gov.au)

### **Ray Finlayson Sports Complex Development (\$5m+)**

*Project Status: - Planned*

The City of Kalgoorlie-Boulder has commenced community consultation on the design phase of the Ray Finlayson Sports Complex. The complex is planned to be the City's hallmark facility for winter sports, which require rectangular playing fields and will also house a range of sporting groups during the summer months to enhance the community value of the venue.

The City of Kalgoorlie-Boulder Council agreed to the advancement in the planning process for the project in February 2008 following which extensive consultation with the City's sporting stakeholders was undertaken. A further report compiled by the City's Officers is planned to be submitted to the City Council in early 2009 for consideration and further endorsement of the proposal.

[www.kalbould.wa.gov.au](http://www.kalbould.wa.gov.au)

## GOVERNMENT PROJECTS

### HEALTH AND EDUCATION

#### **Upgrade of Kalgoorlie Regional Hospital (\$55.8m)**

*Project Status: In progress*

The capital works program received an extra \$15.8m through Royalties for Regions funding which was in addition to the \$40m which had already been allocated by the State Government

The refurbishment will allow the emergency department and acute services wards to be located together with the medical imaging and medical records departments to greatly improve patient access and the timeliness of diagnosis and treatment.

Forward works for the redevelopment have begun and included the replacement and upgrade of the emergency generator sets, and flood proofing near the emergency department. The project is earmarked to be completed in 2012.

Kalgoorlie Hospital is the major trauma centre servicing the Goldfields - the largest rural region in WA - and home to about 56,000 people as well as a large number of workers that fly-in, fly-out to work on remote mining sites.

It is estimated that the region's population will grow by about 18 per cent to more than 65,000 people by the year 2031.

[www.health.wa.gov.au](http://www.health.wa.gov.au)

#### **Esperance Residential College (\$13m)**

*Project Status: Proposed*

The Country High School Hostels Authority has requested funding for the expansion of the Esperance Residential College based on a demand scenario of 122 places, which will cater for any future demand.

The proposed upgrade is costed at \$13m and includes 40 new single student rooms, upgrade of kitchen, dining hall and ablutions; 5 additional staff accommodation units (2-3 bedrooms) and connection to deep sewerage and reticulated gas.

[www.erc.edu.au](http://www.erc.edu.au)

#### **Esperance Anglican Community School (\$4m) Stage 2**

*Project Status: Planned*

Construction of stage 1 of the Esperance Anglican Community School was completed June 2008.

Planning has commenced for the stage 2 development of the school at an estimated cost of \$2m. Construction will commence once student numbers have reached appropriate levels.

[www.eacs.wa.edu.au](http://www.eacs.wa.edu.au)

### **Esperance Community Education Centre - Esperance Regional Trade Centre (\$3m) In progress**

The Esperance Regional Trade Training Centre (ERTCC) will form part of the Esperance Community Education Campus (ECEC), with the Esperance Senior High School (ESHS) as the hub. The ECEC is a regional education and training federation of partners including the Esperance Senior High school, Esperance Senior High School Education Support Centre, Curtin Vocational Training and Educational Centre (VTEC), Curtin Centre for Regional Education (CRE) and the Esperance Residential College.

The project will help raise the local profile of VET In School programs that are delivered locally through the strong partnership with Curtin VTEC as the training provider to set students, trainees and apprentices on a pathway to achieving high standard trade skills and qualifications.

[www.esperanceshs.wa.gov.au](http://www.esperanceshs.wa.gov.au)

## **GOVERNMENT PROJECTS**

### **JUSTICE**

#### **Eastern Goldfields Regional Prison**

*Project Status: Planned*

In May 2009 the Minister for Corrective Services announced the construction of a new 350 bed prison for Kalgoorlie-Boulder, this provides a net extra 250 beds. The facility will create an additional 120 non-resource based jobs.

Construction is expected to be completed by the end of 2013.

#### **Warburton Work Camp (\$17m)**

*Project Status: Planned*

In May 2009 the Minister for Corrective Services announced the construction of a 30 bed minimum security work camp facility for Warburton. Construction is expected to be completed by the end of 2011.

### **Kalgoorlie-Boulder Courthouse (\$31m)**

*Project Status: Planned*

Attorney General Christian Porter has said he will advocate for the relocation of the Kalgoorlie Courthouse to the historic Government offices building on Hannan Street.

Mr Porter said that in a climate of growing financial constraints, the Kalgoorlie-Boulder community is at the forefront of State Government regional investment.

“With \$31million already committed to this project, Kalgoorlie is in a strong position to receive significant infrastructure funding over the next four years,” Mr Porter said.

“At a time when all projects above \$20 million are being reviewed by the State Government, a strong factor in Kalgoorlie’s favour is the significant and detailed planning and design work that has already gone into the relocation project.”

## **GOVERNMENT PROJECTS**

### **TRANSPORT**

#### **Esperance Port Upgrade (\$38m)**

*Project Status: Planned*

In the 2009/10 Budget \$38 million was allocated to the upgrade of facilities at the Esperance Port. Nickel loading facilities will be refurbished and upgraded to alleviate the health threats of dust emissions and to enable the Port to meet its licence conditions. Further funding for Stage Two of the Port upgrade will be considered as detailed costings and other information become available to Government.

[www.esperanceport.com.au](http://www.esperanceport.com.au)

#### **Bremer Bay/Hopetoun Road Upgrades (\$10m)**

*Project Status: Planned*

In the 2009/10 Budget \$10 million was allocated to the upgrading of roads between Bremer Bay and Hopetoun. Details of the upgrades have yet to be decided.

[www.ravensthorpre.wa.gov.au](http://www.ravensthorpre.wa.gov.au)

#### **Esperance Port Access Corridor Upgrade (\$1.3m)**

*Project Status: Planned*

In the 2009/10 Budget funding was allocated for the investigation, planning and design activities for the Esperance Port Access Project. Main Roads is the leading agency.

[www.mainroads.com.au](http://www.mainroads.com.au)

## COMMERCIAL PROJECTS

### **Bunning's Esperance (\$10m)**

*Project Status: Completed*

Construction of the \$10m new building commenced in early 2008 and the store opened in April 2009.

[www.bunnings.com.au](http://www.bunnings.com.au)

### **Esperance Foreshore Re-development Program**

*Project Status: Planned*

In 2005 the Shire of Esperance completed the Town site Foreshore Redevelopment Master Plan. The Shire then convened a working party to investigate a staged implementation of the plan.

Implementation has been delayed as further work was necessary to determine the most appropriate coastal erosion measures required.

This work was undertaken by Department of Planning and Infrastructure in consultation with the Shire and Esperance Port Authority. Final costings of the measures required have yet to be finalised.

Implementation of the Master Plan will initially focus on low cost measures which fall under the primary responsibility of the Shire and Port.

[www.esperanceshire.wa.gov.au](http://www.esperanceshire.wa.gov.au)

### **Kalgoorlie 18 hole Grass Golf Course and Resort (\$14m+)**

*Project Status: In progress*

Work is back on track with another developer now having the option to take over the project from the original developer (Austzone). The new developer (Tim Wright – Premier Residences) is working through the project, which also involves the resort development. A recent meeting of the key stakeholders was held with most key areas under control. The first nine holes should be completed mid 2009.

Current course status is the first nine holes have been shaped, reticulated and is being grassed. The second nine holes have been shaped and are awaiting reticulation and grassing. Other major elements are cart paths (to start mid 2009), landscaping, lighting, maintenance shed and temporary clubhouse.

The complex is planned to include a five-star resort with an air-conditioned indoor tennis complex which can be adapted into a major convention/function centre. The

golf complex will be constructed at the northerly end of Hawkins Street near the Kalgoorlie Cemetery and will encompass the rehabilitated old Kalgoorlie tip site.

[www.kalbould.wa.gov.au](http://www.kalbould.wa.gov.au)

### **Woolworths Redevelopment Project - Kalgoorlie (\$10m)**

*Project Status: In progress*

Redevelopment of the existing supermarket commenced in March 2008 and is expected to be completed by September 2009. Once the redevelopment is completed it will provide a greater range of fresh food and specialty shops which will enhance the overall shopping centre.

[www.woolworths.com.au](http://www.woolworths.com.au)

## **TOURISM**

### **Tourism Northern Goldfields (\$0.5m)**

*Project Status: Completed*

The project is currently in the marketing and launch phase. Funding has been received through WARIS with a contribution from all six shires involved in the project, to continue this process. There are plans to develop a detailed map of the region, promotional DVD and media kits as part of this funding.

A brochure has been designed, printed and distributed throughout WA. A website has been developed and the brochure can be downloaded from here. The website sits within AGO's website.

[www.northerngoldfields.com.au](http://www.northerngoldfields.com.au)

### **Nullarbor Links Golf Course**

*Project Status: In progress*

Said to be the world's longest golf course stretching 1,365 km from Ceduna to Kalgoorlie, this ambitious project will give travellers something interesting to do on the long drive across the famous Nullarbor. Expected completion date is October 2009.

[www.nullarborlinks.com](http://www.nullarborlinks.com)

### **The Drowner Movie (\$30 Million)**

*Project Status:*

Kalgoorlie - Boulder will soon take centre stage with the making of the Drowner movie, based on the incredible engineering feat of C.Y. O'Connor and the building of the Perth to Kalgoorlie water pipeline. The \$30 million production which is being

produced by Mel Gibson's company Icon films will be shot in the Goldfields and will be the biggest budget feature film made solely in WA.

The movie is expected to create an influx of tourists to the region and will provide significant economic benefit to the local businesses through the extended stay of the film and production crews.

## MAJOR CONFERENCES

### **Sustainable Economic Growth in Regional Areas Conference (SEGRA) 2009**

*Project Status: In progress*

The City of Kalgoorlie-Boulder has been announced as the host city of the 2009 Sustainable Economic Growth in Regional Areas conference (SEGRA).

The conference is centred on looking at the problems and issues facing regional Australia today and to propose positive solutions. Presenters from all over Australia and the world will travel to Kalgoorlie-Boulder and present creative and innovative ideas on making regional living better.

The City of Kalgoorlie-Boulder and the Department of Local Government and Regional Development have both committed to sponsoring [SEGRA 2009](#) which also has the support of the Goldfields-Esperance Development Commission, Kalgoorlie-Boulder Chamber of Commerce and Industry and the Chamber of Minerals and Energy.

The conference will be held on 27-29 October 2009.

[www.kalbould.wa.gov.au](http://www.kalbould.wa.gov.au)

### **Rural and Remote Mental Health Conference 2009**

The Western Australian Country Health Service (WACHS) Goldfields region will host this year's Rural and Remote Mental Health conference in Kalgoorlie on the 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> November 2009. The conference specifically targets issues related to the provision of quality mental health service delivery in rural and remote areas.

The theme for this year's conference is "Mental health in the bush - challenge, innovation, resilience". The conference will explore innovative strategies that involve children and adolescents, address coexisting drug and alcohol and mental health issues, consumers and carers and seek better outcomes for Aboriginal communities.

To register to participate in the conference please email conference coordinator Tanya Harley by email - [tanya.harley@health.wa.gov.au](mailto:tanya.harley@health.wa.gov.au).

[www.health.wa.gov.au](http://www.health.wa.gov.au)

### **Diggers and Dealers – Annual Event**

Diggers & Dealers is the leading annual mining forum combining presentations by listed mining and exploration companies, as well as 117 exhibitors from the mining, exploration and service sectors.

The forum has an international profile, with attendance from delegates representing the mining, exploration, broking, banking, investment, finance, media and service industries, both nationally and internationally.

In 2009 this event will be held at the Goldfields Arts Centre, Cheetham Street, Kalgoorlie on 3 - 5 August 2009.

[www.diggersnddealers.com.au](http://www.diggersnddealers.com.au)

### **Goldfields Mining EXPO – Biennial Event**

The Goldfields Mining Expo is an integral feature of Australia's mining calendar and has been for the past 22 years. Goldfields Mining Expo (GME) in Kalgoorlie continues to be a must-attend event for decision-makers from the dynamic Western Australian mining industry.

Held bi-annually from 2006, GME provides local and international suppliers with a unique opportunity for easy and effective interaction with key buyers and end users from throughout Western Australia.

By bringing a wide range of the latest products, technology and services to the heart of the market in one place at one time GME saves mining industry personnel time and money. The opportunity to hear directly from the mining developers is provided in the 'What's Down the Track' forum held as part of the GME.

Dates for the next Expo are 26-28 October 2010.

[www.goldfieldsminingexpo.com.au](http://www.goldfieldsminingexpo.com.au)

### **Sustainable Mining 2010 Conference – “The Compelling Business Case”**

The Australian Institute of Mining and Metallurgy will host the Sustainable Mining 2010 Conference – The Compelling Business Case, in Kalgoorlie-Boulder from the 20-22 October 2010.

Main discussion areas covered by the conference will include;

- Dealing with Deeper mines.
- Remote Mining operations.
- Stakeholder expectations.
- Business Improvement.
- Mineral Processing.

The conference is more than a technical conference and will include;

- Mine tours at Australia's largest gold and nickel mines
- WDTT – Overview of Resource Development Projects in WA
- Technical Program on Sustainable Mining
- Geology of the Achaean and its Mineral Deposits Field trip
- Information and Training Workshops
- GME – Australia's Largest Regional Mining Expo.

The conference will be important for strategic planners, community relations and environmental management personnel, business analysts, operational engineers and geologists, metallurgists, management and community leaders.

For all enquiries please contact Allison McKenzie [alisonm@ausimm.com.au](mailto:alisonm@ausimm.com.au)

## MAJOR LAND DEVELOPMENTS

### **Bandy Creek Canal Developments (\$50m)**

*Project Status: Planned*

Como-based land development company Port Bouvard Ltd has entered into a heads of agreement with a private landowner to develop a residential canal development in Esperance as well as approving the development of three new projects at its Port Bouvard estate.

The residential canal project will be developed subject to local government and adjoining landowner approvals, with Port Bouvard Ltd acting as the developer. The company is hopeful of achieving all necessary approvals within the next two years and will commence a marketing and sales campaign ahead of development.

[www.esperance.wa.gov.au](http://www.esperance.wa.gov.au)

### **GreenView at Karkurla (\$150m)**

*Project Status: In progress*

GreenView at Karkurla is Kalgoorlie's newest residential estate. Stage 1 of the development comprises the sale of 32 single residential lots, overlooking the planned golf course.

Land for sale at GreenView at Karkurla ranges from traditional lots for larger homes, to cottage lots for smaller dwellings and quad sites for townhouses and villas as well as group housing for apartments.

[www.landcorp.com.au](http://www.landcorp.com.au)

### **Karlkurla Rise (\$9.7m)**

*Project Status: Completed*

The 68-lot release is adjacent to LandCorp's Karlkurla Grove in the Kalgoorlie suburb of Hannans. The estate provides for a range of housing choice and pricing structures with parkside lots, retained middle tier lots and premium elevated lots.

Karlkurla Rise is one of several developments by LandCorp aimed at meeting Kalgoorlie's residential land needs for the next 20 years to underpin the growth of the city and attract more people to live in the area.

[www.landcorp.com.au](http://www.landcorp.com.au)

### **Anzac Drive Industrial Estate (\$10m)**

*Project Status: Completed*

Anzac Drive Industrial Estate is a prime industrial estate strategically located within an area bound by the main regional arterial transport corridors of Great Eastern Highway and Anzac Drive in west Kalgoorlie. The site is close to the Kalgoorlie rail freight yards, Kalgoorlie Business Park and Kalgoorlie Airport.

The 37.5ha estate, which provides 41 lots, is the first purpose-built general industrial development by LandCorp in the Goldfields region. The estate has been designed to accommodate the increasing needs of large lot users, in particular transport and transport-related industries operating in the Kalgoorlie-Boulder area, and to support economic growth in the region.

The latest release at the Anzac Drive Industrial Estate comprises five lots in Stage 3 of the estate, all of them just over 1ha in size.

The lots will be sold by private treaty. Four of the five lots released in Stage 2 of the estate are still available for sale by private treaty. These lots range in size from 4,314sqm to 6,063sqm.

Twenty lots in Stage 1 of the Park's development have been sold out.

[www.landcorp.com.au](http://www.landcorp.com.au)

### **Esperance - Flinders Estate – Stage 2 (\$10m+)**

*Project Status: In progress*

The Shire of Esperance Flinders Stage 2 comprises 89 residential lots and will likely be sold over three discrete land releases via public auction.

The parcel of land at the southern end of the Estate marked as Aged Care will be sold via tender.

Dates for the auctioning of lots are yet to be determined, although it is expected that the initial auction of lots for release 1 will be held around mid-2009

The make-up of which lots will comprise release 1, 2 and 3 is still yet to be determined, but it will be made available as soon as practicable.

## INDUSTRY PROJECTS

### RESOURCES

#### **Avoca Resources Trident at Higginsville (\$20m)**

*Project Status: Completed*

The Higginsville project located between Kambalda and Norseman is the first new gold operation in Western Australia since 2001, and had its first gold pour on 1 July 2008.

Avoca controls 2,700 km<sup>2</sup> of under-explored tenure between world-class +15Moz St Ives and +6Moz Norseman goldfields.

The JORC resources inventory for the Higginsville Gold Project is 11.7mt at 3.6g/t for 1,350,000 ounces, representing a 23% increase from the resource base reported in December 2006.

Avoca has had considerable exploration success with the discovery of Trident, which has a resource of 5.0Mt @ 5.8 g/t gold for 927,000 ounces representing 130,000 ounces or 16% increase on the previous Trident resource announced in December 2006.

Avoca will be conducting feasibility studies in 2009 for new mines and hopes to develop Higginsville into a high margin mid-tier gold production centre with 10 year + mine life.

[www.avocaresources.com.au](http://www.avocaresources.com.au)

#### **BHP – Ravensthorpe Nickel Project (\$2.2b)**

*Project Status: Completed – Care and Maintenance*

BHP Billiton announced approval for the development of the RNP and related expansion of the Yabulu Nickel Refinery in Australia on 23 March 2004. The project involved the development of a mine, an enhanced pressure acid leach hydrometallurgical process plant and associated infrastructure near Ravensthorpe, Western Australia and the expansion of the QNI Yabulu Refinery near Townsville in Queensland.

Production commenced in 2007 with the mine reaching 50% of full capacity. The mine cost approximately \$2.2 billion to build and is one of the largest nickel-making facilities in the world.

On 21 January 2009 BHP Billiton announced the indefinite suspension of the Ravensthorpe mine due mainly to the significant down turn in the nickel market.

[www.bhpbilition.com.au](http://www.bhpbilition.com.au)

### **Blackham Resources Scaddan Energy Project (\$2.5b)**

*Project Status: Planned*

The Scaddan Energy Project is a joint venture between Blackham Resources Limited and Wesfarmers Premier Coal Limited which have 70% and 30% contributing interests respectively. The joint venture covers the exploration, mining and downstream processing associated with the development of the Scaddan Energy Project located approximately 60km north of Esperance.

A recently completed scoping study undertaken on behalf of the company confirmed the project is technically and economically feasible and has the potential to become one of Australia's leading Coal to Liquids (CTL) operations. This is despite the recent fall in global oil prices.

Key findings of the scoping study included:

- The project has a resource total of 762 million tonnes of lignite and landholding in the Scadden region in excess of 50,000 hectares.
- Current resource provides project with +70 year of feedstock,
- Using proven technologies the project could produce at least 15,000 barrels per day (4.8 M barrels per annum) of FT liquid products (diesel and naphtha),
- Domestic market exists for the diesel and naphtha produced (as well as sulphur by-product),
- Operating costs are expected to be approximately US\$47 per barrel, and
- Project is aided by good access to significant infrastructure and proximity to market advantages.

[www.blackhamresources.com.au](http://www.blackhamresources.com.au)

### **Galaxy Resources Ltd Mt Cattlin Project (\$68m)**

*Project Status: Planned*

The Cattlin Creek Project is a tantalum resource located 3 kilometres north of Ravensthorpe. Galaxy Resources Ltd proposes to initially mine 150,000 tonnes per annum of tantalum/spodumene concentrate, after which there is a proposal to process the ore to produce up to 20,000 tonnes per annum of lithium carbonate.

Recent results from the DFS have confirmed the economic and technical viability of the project with the potential to begin production during the third quarter of 2010. It is estimated that the project will employ 75-100 people and inject \$60m into the local region.

Pending completion of the approvals process, construction of the processing plant and development of the Mt Cattlin mine is hoped to begin in mid 2009 with the first concentrate production scheduled for 2010.

The project is still subject to a bankable feasibility study and project funding.

[www.galaxyresources.com.au](http://www.galaxyresources.com.au)

### **Golden West Resources – Wiluna West Project (\$178m Oakajee or \$203m Esperance)**

*Project Status: Planned*

The Wiluna West project is located approximately 40km west of the Wiluna township and hosts approximately 126 million tonnes of inferred direct shipping hematite ore at 59% contained within two iron ore ridges Unit B and Unit C and collectively within nine ore bodies. The company will focus its drilling program in 2009 to convert the inferred resource to indicated resources of 100 million tonnes.

The company has recently negotiated and signed off take agreements with Hunan Valin Steel Company and the Yijan Investment Company for the sale of 50% of proposed initial and annual output from Wiluna West.

GWR have completed an evaluation of two transport options for their product - one from Wiluna to Esperance port and the other from Wiluna to the proposed Oakajee port.

[www.goldenwestresources.com.au](http://www.goldenwestresources.com.au)

### **Heron/Vale - Kalgoorlie Nickel Project (\$2.2b)**

*Project Status: Suspended*

The Kalgoorlie Nickel Project is a joint venture between Heron Resources and the Canadian nickel giant Vale Inco. Vale Inco has agreed to procure all debt financing and to fund all but 4.5% of Heron's share of equity financing in return for a 60% stake in the project.

The plant will be built 80km north of Kalgoorlie at Goongarie and the Pre-Feasibility Study (PFS) undertaken by Vale Inco through worldwide engineering house SNC Lavalin has recently been completed. Highlights of the PFS include:

- Project sized up to 36,000 tpa of nickel in intermediate product with a mine life estimated at 34 years.

- Cash operating cost estimate of US \$4.42 per pound of Nickel (including cobalt credits).
- Vale has estimated the cost of the Bankable Feasibility Study (BFS) to be US\$50.5 million. Vale has until 30 July 2009 to commence the BFS.
- Vale has only considered 4 of the 14 deposits defined by Heron up to 2004 that make up KNP within the Pre-Feasibility Study.
- Capital cost estimate for the project is US\$2.2 billion dollars.

Preliminary discussions have been held with the ports of Fremantle and Esperance to gauge capacity to handle the project inputs and outputs.

[www.heronresources.com.au](http://www.heronresources.com.au)

### **Heron Resources – Yerilla Nickel Project (\$1.2b)**

*Project Status: Proposed*

The Yerilla Nickel Project is located approximately 150km north east of Kalgoorlie and a recent scoping study using atmospheric leaching technology process identified an 18 year mine life based on increased resources.

The study estimated that 21,000t of contained nickel and 1400t of cobalt could be mined per annum. The study was based on a combined resource of some 135.3Mt at .077% Ni and 0.05 Co with a cash operating cost of US\$5.70 per pound of payable nickel net of credits.

The company estimates the capital cost of the project at \$1.2 billion and has identified it may need to attract an equity partner given the large capital requirement. This decision will be made after a study has been completed to address production optimisation opportunities highlighted by the scoping study.

[www.heronresources.com.au](http://www.heronresources.com.au)

### **Poseidon Nickel Mt Windarra Laverton (\$12m)**

*Project Status: Planned*

Poseidon is a nickel exploration and development company focused on the historic Windarra Nickel Project located 260km north east of Kalgoorlie. The Windarra Nickel Project consists of an open pit and underground mine at South Windarra and Mount Windarra.

Poseidon has a defined 88,369 M tonnes of JORC code compliant nickel resources which are comprised of 63,100 tonnes of Nickel at Mt Windarra as well as a maiden 25,259 tonne nickel resource at the Cerberus deposit.

Refurbishment of the mine has been partially completed with 1.5m tones of water removal underway.

[www.poseidon-nickel.com.au](http://www.poseidon-nickel.com.au)

**Spitfire Oil Ltd, Salmon Gums (\$1.3b)**

*Project Status: Planned*

Spitfire Oil Ltd has 100% title to the 500m tonnes Salmon Gums lignite (brown coal) deposit, just 100km north of the deep-water port of Esperance in Western Australia. The Company was listed in 2007 on the Alternative Investment Market (AIM) of the London Stock Exchange (LSE) to raise the necessary capital to fund research and development and feasibility of the project. The company proposes to process lignite to produce between 10,000 and 20,000 barrels of liquid produces per day, making Spitfire Oil Ltd a substantial producer of high quality, low sulphur, light fuel oils and diesel, able to supply to the very broad and deep market in its immediate vicinity.

The company recently produced its first lot of oil with the new test reactor based at Salmon Gums and is continuing work on issues such as materials handling, lignite dewatering, process optimisation for most efficient outputs, and how to upgrade the oil generated by the process to use as fuel or feedstock.

[www.spitfireoil.com.au](http://www.spitfireoil.com.au)

**Tectonic Resources NL – Phillips River Project (\$1.7b)**

*Project Status: Planned*

Phillips River is located 20 kilometres southeast of Ravensthorpe. Tectonic's Phillips River tenements cover an area of over 140 square kilometres and feature two deposits that are within 10 kilometres of each other:

- Trilogy - a large polymetallic deposit (copper - lead - zinc - gold - silver)
- Kundip - gold-copper lodes

The Trilogy deposit is a significant copper and gold rich (50% by value) poly-metallic resource of 6,090,000 tonnes at 1.1% copper, 0.9g/t gold, 50g/t silver, 2.0% lead and 1.2% zinc.

The Kundip gold copper deposit currently hosts a resource of 3,705,000 tonnes at 4.4g/t gold and 0.5% copper for 519,000 oz silver and 18,500 t copper.

The company has recognised that the two Phillips River resource areas, Trilogy and Kundip, have different characteristics that call for separate approaches to unlock value. Tectonic is therefore progressing to a bankable feasibility study via a two pronged approach.

At Trilogy, Tectonic is focused upon optimising the complex metallurgy to improve recoveries from the know resource.

At Kundip, the focus is on expanding the resource and reserve base through drill testing of extensions to the high grade lodes along strike and at depth along with conducting regional searches for repeats of mineralised structures undercover.

[www.tectonicresources.com.au](http://www.tectonicresources.com.au)

### **Focus Minerals – Coolgardie Gold Project (\$40m)**

*Project Status: Completed*

Focus Minerals commenced gold production in April 2008 at its wholly owned Coolgardie Gold Project. The company has multiple gold deposits totalling 1.8moz including reserves. The company has current reserves of 111,255 oz made up of 85,255 oz at its Perseverance deposit and 28,700 oz at its Countess deposit.

The company also recently announced an upgrade at its Brilliant deposit with a JORC compliant resource of 3.1M t at 2.4g/t Au for 240,100 contained ounces.

On the 20<sup>th</sup> April 2009, Focus Minerals announced it had awarded Perth based Como Engineers the contract for the refurbishment and re-commissioning of the Three Mile Hill gold treatment plant at Coolgardie, Western Australia. The value of the fixed price contract is \$17 million.

The refurbishment includes repairs and replacement of a number of major items in the process plant, scheduled to achieve practical completion to allow commissioning to commence in November this year.

The company is looking to advance its Nepean Nickel project through further exploration drilling followed up with detailed feasibility and mine planning programs. The current inferred resource based on the mines remnant transitional and fresh mineralisation measures 591,300t@ 2.2% Ni, for 13,250t contained Ni.

[www.focusminerals.com.au](http://www.focusminerals.com.au)

### **GME Resources (\$1.1b)**

*Project Status: Planned - Suspended*

GME Resources Ltd has appointed Simulus Pty Ltd (Simulus) to undertake the first phase of the Process Plant Design for the Feasibility Study for its 100% owned Niwest Nickel Laterite Project in Western Australia. The Feasibility Study is based on an expanded 30 - 35,000 tonne production profile.

Specialist metallurgical consultants appointed to undertake plant design as part of the Feasibility Study for expanded 3.5 4.5Mtpa heap leach project over 20 years at the Niwest Nickel Laterite Project.

Phase two of the process plant design to follow immediately after phase one will include detailed plant layout and design and operating parameters.

Project activities suspended pending an improvement in the Nickel market and the ability of financial markets to support major resource projects.

[www.gmeresources.com.au](http://www.gmeresources.com.au)

### **Barra Resources Limited Mt Thirsty – Norseman (\$400m)**

*Project Status: In progress*

The Mt Thirsty Project located 20km from Norseman is a joint venture between Barra Resources and Fission Energy.

Mt Thirsty has a current JORC-compliant indicated and inferred resource of 29.03Mt @ 0.12% Co, 0.56% nickel and 0.88% manganese, at a 0.06 % cobalt cut off over an apparent strike of 1.3km and 800 m width.

A recent pre-feasibility study by consultants Simulus indicates that Mt Thirsty could readily produce 3,700 tonnes of cobalt, 10,300 tonnes of nickel and 27,000 tonnes of manganese per annum in its first three years.

The study defined a likely capital cost for the mine of US\$400m on current day values with potential net cash flow over the 17 year life of the mine of \$1.65b.

The engineering and financing component including plant design work is due for completion by June 2009. The completion of plant construction and first start-up is scheduled for June 2011.

The joint venture aims to complete its bankable feasibility study by December 2009.

[www.barraresources.com.au](http://www.barraresources.com.au)

### **Hannans Reward Queen Victoria Rocks**

*Project Status: Planned*

Hannans Reward has signed a farm-in and joint venture agreement with Brazilian mining giant Vale over the Queen Victoria Rocks nickel sulphide deposit southwest of Coolgardie in Western Australia.

Under phase 1 of the deal, Vale will solely fund and manage nickel exploration and spend a minimum \$500,000 on exploration within one year. If Vale decides to proceed to phase 2, the company will spend a minimum \$500,000 on exploration each year for four years and complete a pre-feasibility study.

Unless Vale withdraws, phase 3 will involve the establishment of a joint venture in which Vale will hold 60% interest, while Hannans will hold the remaining 40%. Vale will solely fund exploration up to completion of a bankable feasibility study within three years.

Hannans will retain a 25% free-carried interest through to the completion of the BFS. Under phase 4 of the deal, if Hannans elects not to fund construction and development of the mine at the completion of the BFS, the company has the right to convert its interest to a 1.5% net smelter royalty

[www.hannansreward.net.au](http://www.hannansreward.net.au)

### **Lynas Rare Earth Mt Weld (\$115m)**

*Project Status: Suspended*

Lynas owns the richest deposit of Rare Earths in the world at Mt Weld, 35km south of Laverton in Western Australia.

The initial mining campaign was successfully completed in June 2008 and 773,300 tonnes of ore with an average grade of 15.4% Rare Earth Oxides (REO). The ore is stockpiled on-site according to the grade and mineralogy, a soft siltstone type ore known as "Cz" and a limonitic ore known as "Li". The run-of-mine (ROM) pad is close to capacity and has sufficient Cz ore for the first two years of downstream processing operation.

A contract for the construction of the Concentration Plant has been awarded to Abesque Engineering & Construction (AEC). AEC mobilised to site at the end of October with on-site works commencing early November. The scheduled date for practical completion is 8 July 2009 and the contract value is within budget.

With all environmental and municipal approvals received from the Malaysian authorities, construction for the plant is underway.

On 10 February 2009 the company suspended work on the rare earths project pending finalisation of a revised financing structure of the project.

[www.lynascorp.com](http://www.lynascorp.com)

### **AngloGold Ashanti Tropicana Gold**

*Project Status: Planned*

The Tropicana Gold Project, located 330 kilometres east north-east of Kalgoorlie, is part of the Tropicana Joint Venture, which is 70% owned by AngloGold Ashanti Australia and 30% by Independence Group NL.

The latest measured, indicated and inferred mineral resource for the project is 75.3 million t grading 2.07 grams/tonne for 5.01 million ounces of gold. The mineral resource has been identified within a US\$1000/oz optimization shell at an AUD: USD exchange rate of 0.80. This is equivalent to an Australian dollar gold price of A\$1,250/oz. A cut off grade of 0.6 g/t has been used for oxide and transitional material and 0.7 g/t for fresh material.

A new mining plan and schedule is being developed to incorporate the increase in mineral resources. Pre-feasibility work at the project, based on mining the Tropicana

and Havana deposits, is expected to be completed in the June quarter 2009. This study is examining a range of treatment rates between 5.5-7.0 mtpa, which would produce between 250,000 – 420,000 oz pa over a mine life of 10-15 years.

[www.anglogoldashanti.com.au](http://www.anglogoldashanti.com.au)

### **St Barbara Mines – Gwalia Leonora**

*Project Status: Completed*

St Barbara recommenced gold production at its Leonora operations with the first gold pour of 1,000 ounces completed on 22 October 2008. The redevelopment over the past three years of the Gwalia underground mine and the first gold pour were significant milestones for St Barbara.

Gwalia has more than 1.4 million ounces of gold reserve and exploration has been focused on definition of additional high-grade ore sources to compliment production from Gwalia. High grade reserves of 2.1Mt @4.7 g/t for 323,000 oz have been defined recently at Tower Hill.

The Leonora operations are forecast to produce between 115,000 and 125,000 ounces of gold in the 2009 fiscal year at a forecast cash operating cost of A\$540 to A\$570 per ounce.

[www.stbarbara.com.au](http://www.stbarbara.com.au)

### **Integra Mining – Aldiss-Randalls Gold (\$75m)**

*Project Status - In progress*

The Aldiss-Randall Gold project is situated approximately 50-100km east of Kalgoorlie, and has a consolidated mineral resource of 1.8 million ounces at an average grade of 2.8g/t.

The company recently announced a significant discovery at Salt Creek approximately 60km from Kalgoorlie with an estimated 400,000 ounces at 2.7g/t.

The company plans to commence mining the Salt Creek deposit and anticipates the first gold pour will be in October 2010, should all approvals be in place within reasonable timeframes. Current cost of production is estimated at \$534 per ounce. Integra has a feasibility study in progress on a revised lower capital cost start up operation initially targeting 80,000 ounces per annum for 6 years.

In 2006 Integra purchased a milling plant from New Celebration with a production capacity of 1.35 million tonnes per annum, which would underpin annual gold output of some 120,000 ounces. The company is currently relocating the mill to the site near the Salt Creek deposit. This will form a central processing facility capable of treating ore from multiple deposits within the Aldiss-Randalls Project.

During the construction phase of the project approximately 200 people will be employed and during its operational mode approximately 100 positions will be available.

[www.integramining.com.au](http://www.integramining.com.au)

**Saracen – South Laverton Gold Fields (\$30m)**  
***Project Status - In Progress***

Saracen has announced its intention to commence gold production in two stages from within the South Laverton gold fields, situated 120km NE of Kalgoorlie, Western Australia. The company has a gold resource inventory of 2.15m oz with a reserve of 360,000 ounces. Saracen has secured a \$20 million debt facility from RMB Australia Holdings Limited for the development of the Carosue Dam gold project.

The first stage, scheduled to start in March 2010, will focus on the Whirling Dervish deposit which has a contained resource of 436,000 at 2.0g/t, and the Porphyry deposit which has a contained resource of 739,000 ounces at 1.8g/t.

Ore will be trucked back and processed at the existing 2.4mtpa Carosue Dam plant which has an accommodation village and other relevant infrastructure already in place. Saracen has received approvals for these assets from the relevant Western Australian government.

[www.saracen.com.au](http://www.saracen.com.au)

## **OTHER EXPLORATION**

- Nickelore - Canegrass Nickel
- MetalsX - Wingellina Nickel
- Diatreme - Cyclone Heavy Minerals
- Cliffs Natural Resources - Mt Finnerty Iron Ore
- Minara Resources - Murrin Murrin Nickel
- BHP - Yakabindie Nickel
- BHP - Rocky Reward Nickel
- Epsilon Energy - Balladonia Coal
- Jindalee Resources - Joyners Find North Gold
- Navigator Resources Ltd - Cardinia Gold
- White Cliff Nickel Ltd - White Cliff
- Maximus Resources Ltd - Canegrass Iron ore
- Accent Resources - Norseman Iron Ore
- Cullen Resources Ltd - Killaloe Nickel
- Oroya Mining - Roe Hills Nickel
- Dominion Mining Limited - Cunderlee Gold
- A1 Minerals Ltd - Bright Star Gold
- A1 Minerals Ltd - Narnoo Gold
- Magma Metals - Mt Jewell Nickel
- Peninsula Minerals LTD - Pinnacles Nickel Laterite
- Carrick Gold Ltd - Lindsays Gold
- Terrain Minerals - Bundurra Gold
- Cortona Resources Ltd - Womballa Dam Gold
- Kairiki Energy - New Bulong Gold
- Norton Gold - Kalgoorlie West
- Regis Resources - Duketon Gold
- Breakaway Resources - Windara
- Energy and Minerals Australia Mulga - Rocks Uranium
- Catalpa Resources - Edna May Gold

## GOLDFIELDS-ESPERANCE RESOURCE PROJECTS

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
1	BHP Billiton Nickel West Ravensthorpe	Tammie Speechley	Ravensthorpe	Ravensthorpe	Ravensthorpe	Nickel	Indefinite Suspension	Closed/Care & Maintenance	bhpbilliton.com	<a href="http://www.bhpbilliton.com/bb/ourBusinesses/stainlessSteelMaterials/nickelWest.jsp">http://www.bhpbilliton.com/bb/ourBusinesses/stainlessSteelMaterials/nickelWest.jsp</a>
2	Lynas	Nicholas Curtis, Executive Chairman, general@lynascorp.com	Laverton	Laverton	Mt Weld	Rare earth	Construction	Under construction, DEC granted Works Approval in July 2008	lynascorp.com	Investor pres July/August/Sept 2008 Reports
3	Galaxy Resources	Terry Stark, 6241 1888, terry@galaxyresources.com.au	Ravensthorpe	Ravensthorpe	Mt Cattlin	Lith carbonate Spodumene Tantalum	Feasibility	19/11/2008: Positive results from metallurgical process testing. 6/11/2008: Bankable Feasibility Study to be completed Dec 2008 DEC has notified Galaxy that it will not formally assess project. Mining Proposal to be submitted either late Dec 2008 or early 2009. Processing & metallurgical testing underway for BFS on processing option.	galaxyresources.com.au	<a href="http://www.galaxyresources.com.au/documents/GXYAnnualRPT2008final.pdf">http://www.galaxyresources.com.au/documents/GXYAnnualRPT2008final.pdf</a>
4	Spitfire Oil Pty	Thyl Kint 0400 211 016 thylkint@inet.net.au	Salmon Gums	Esperance	Salmon Gums	Lignite	Feasibility	No change Definitive Feasibility Study due late 2009	Spitfireoil.com.au	Presentation on website
5	AngloGold Ashanti 70%30%Indep	Anglo Perth Office, 9425 4600 Chris Bonwick, Independence Group	Laverton (250K SE)	Menzies	Tropicana	Gold	Pre-feasibility	PFS mid 2008 Resource grade added - otherwise no change	anglogoldashanti.com	<a href="http://www.anglogold.com.au/NR/rdonlyres/70DB7553-5A2D-4100-A8CB-91E7C022C849/0/Tropicana.pdf">http://www.anglogold.com.au/NR/rdonlyres/70DB7553-5A2D-4100-A8CB-91E7C022C849/0/Tropicana.pdf</a>
6	Heron/Vale	Renato Costa	Goongarrie	Kalgoorlie	Goongarrie Nickel Laterite Project	Nickel	Not proceeding	PFS 2009 July Not proceeding to full feasibility - 21 May 2009 Heron announcement	heronresources.com.au	0
7	Heron	Matthew Longworth 9215 4444	Leonora (80 km SE)	Menzies	Yerilla	Nickel/cobalt	Feasibility	18Jun09 Heron entered agreement with Ningbo Shanshan (Heron 30% free carried interest/Shanshan 70% upon completion of construction/commissioning to produce concentrate on site) No definite timetable laid out in the agreement.	heronresources.com.au	Heron ASX announcement 18 June 09. <a href="http://www.heronresources.com.au">www.heronresources.com.au</a>
8	Nickelore	Ray Smith ray@nickelore.com.au 9481 2433	Kalgoorlie (80 km NW)	Kalgoorlie-Boulder	Canegrass	Nickel	Pre-feasibility	Demonstration - 25,000 t heap leaching plant Continued with technical studies in June Qtr	nickelore.com.au	June announcement June Qtr 2008
9	Golden West Res	Michael Wilson 9201 9202	Wiluna	Wiluna	Wiluna West	Iron Ore	Pre-feasibility	Scoping and PF due Dec 2008 Focus tending towards Oakajee over Esperance as the preferred port	goldenwestresources.com	June Qtr 2008 Report
10	Blackham Res 70% Wesfarmers 30%	Brian Dixon bd@blackhamresources.com.au 9388 2967 Level 1, 22 Oxford Close, West Leederville	Salmon Gums	Norseman	Salmon Gums	Lignite	Exploration	25/09/2008: Proceeding to pre-feasibility study during 2009. New drilling to be completed prior to Dec 2008. Feasibility study process has 3 year time frame. Possible export of high grade coal as one option in addition to coal to liquids project.	blackhamresources.com.au	Brian Dixon conversation 26/09/2008
11	Metals X	0	0	Ngaangatjarra	Wingellina	Nickel	Pre-feasibility	Scoping report due August 2008 Expects to complete a DFS by mid 2009	Metals X.com.au	June Qtr 08
12	Diatreme	David Hall (07) 3832 5666 manager@diatreme.com.au	Eucla Basin - Wanna Lakes	Laverton	Cyclone	Heavy minerals	Grass roots	early scoping No change	diatreme.com.au	<a href="http://www.diatreme.com.au/images/pdf%20files/Annual%20and%20Quarterly%20Reports/July_31_2008_DRX_June2008Quarterly.pdf">http://www.diatreme.com.au/images/pdf%20files/Annual%20and%20Quarterly%20Reports/July_31_2008_DRX_June2008Quarterly.pdf</a>
13	Portman 80% Reed Res 20%+B60	David Reed david@reedresources.com 9322 1182	Coolgardie (110 km NW)	Coolgardie	Mt Finnerty	Iron ore	Pre-feasibility	Drilling No change	portman.com.au / reedresources.com	39583
14	Norilsk	Martin Haug, GM for Black Swan 9024 0240 Simon Hay	Leinster (115km N)	Wiluna	Honeymoon Well	Nickel	On hold	Not proceeding	norilsknickel.ru/en/investor/	presentations 4/2008
15	Minara Resources	Wayne Ashworth info@minara.com.au 9212 8400	Laverton (55 km SE)	Laverton	Murrin Murrin	Nickel	Pre-feasibility	Board approval in principle 8/5/08 Heap leach trials progressed successfully during June Qtr	minara.com.au	0
16	BHPBilliton	Tammie Speechley	Wiluna	Wiluna	Mt Keith Stage H Yakabindie	Nickel	Pre-feasibility	Yakabindie Pre-feasibility study on hold Sept 2007 No change	BHPBilliton Nickel West	BHP Billiton - Media Tour to Nickel West - 19 Sept 2007

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
17	BHP Billiton	Tammie Speechley	Leonora	Leonora	Leinster Rocky's Reward Cliffs Persev Deeps Perseverance op	Nickel	Pre-feasibility	Rocky Rew oper Cliffs app 7/07 Persev Deeps PFS Persev oper No change	BHPBilliton Nickel West	BHP Billiton - Media Tour to Nickel West - 19 Sept 2007
18	Reed Resources	David Reed david@reedresources.com 9322 1182	Sandstone	Sandstone	Barrambie Vanadium Project	Vanadium	Feasibility	The Definitive Feasibility Study (DFS) was completed by Sinclair Knight Merz (SKM) on the 15th August 2008. The Barrambie vanadium processing plant and associated infrastructure should target a through put of 3.2 million tonnes per annum of vanadium bearing magnetite mineralisation at a grade of 0.8% V2O5 and produce either approximately 9,200 tonnes of V2O5 or 6,400 tonnes of Ferro Vanadium per annum. As a direct result of the increased grade of the Central Zone mineralisation and the increased tonnages expected from the recently drilled northern mineralisation a range of additional studies are underway to further enhance the project. Results of the new initiatives will then be incorporated into an addendum to the DFS, which is due for completion in the first quarter of 2009. An MOU for the off take of the entire production during the first ten years has been signed with a major commodity trader. Definitive Feasibility Study into the production of around 6300t of ferrovandium per year is due for completion in January 2009.	Reed Resources	<a href="http://www.reedresources.com/blogbar.php?fileurl=http://www.reedresources.com/reports/QA311008.pdf&amp;month=October&amp;day=31&amp;year=2008&amp;head=Quarterly%20Activities%20Report">http://www.reedresources.com/blogbar.php?fileurl=http://www.reedresources.com/reports/QA311008.pdf&amp;month=October&amp;day=31&amp;year=2008&amp;head=Quarterly%20Activities%20Report</a>
19	Windimurra - Vanadium Project	Martin Reed, David English	Mt Magnet	Mt Magnet	Windimurra Vanadium Mine	Vanadium	Construction	5/11/2008: Mining proposal for stage 1 approved. Credit issues confronting operational projections, but still on track to meet March 2009 deadline for Vanadium processing. Mining to commence in Nov 2008. Stage 2 MP assessment should be completed by late Nov 2008. Project Milestones are: • Mining – November 08 • Crushing – December 08 • Gas and power station – December 08 • Beneficiation – January 09 • Vanadium processing - March 09	Windimurra	<a href="http://www.pmal.com.au/aurora/assets/user_content/File/081031%20Quarterly%20Activity%20Report(FINAL).pdf">http://www.pmal.com.au/aurora/assets/user_content/File/081031%20Quarterly%20Activity%20Report(FINAL).pdf</a>
22	Polaris Metals	Alan Tough, ED Operations, atough@bigpond.net.au, 9481 3030, 0408 942 990 Jonathan Lea, MD, 9481 3030, 0438 967 400, jlea@polarismetals.com.au	Southern Cross (North)	Yilgarn	Carina, Chameleon & Bulgalbin East	Iron Ore	Pre-feasibility	5/11/2008: BFS to be completed by mid 2010. A prefeasibility study was also completed, recommending the Company proceed to a bankable feasibility study based on initial production of 2.5Mtpa DSO from Carina, commencing in 2010, which is expected to ramp up to 5Mtpa as other deposits come online. The Carina project was referred by Polaris to the Environmental Protection Authority (EPA) under Section 38 or the EP Act 1986 to establish the level of assessment. A response is expected in early November 2008. Polaris will apply under the Mining Act for approval to mine and it is expected that all approvals will be obtained in the second half of 2009. The Company will now focus on securing a development partner.	Polaris	<a href="http://www.polarismetals.com.au/upload/documents/investor/quarterly/20081031PolarisQuarterlySept08.pdf">http://www.polarismetals.com.au/upload/documents/investor/quarterly/20081031PolarisQuarterlySept08.pdf</a>
26	Integra Mining Limited	Christopher Cairns info@integramining.com.au Greg Wilson (gregw@integramining.com.au) Graham Jefferies (graham@integramining.com.au) 9423 5920	Kalgoorlie (130km east)	Kalgoorlie Boulder & Coolgardie	Aldiss Randalls	Gold	Feasibility	17/09/2008: Existing production but extensive resource definition underway. Feasibility study due for completion late 2008. Purchased the 1.35Mtpa New Celebration processing mill. In July 2007, the Company purchased a 40-person mining camp, complete with all fittings, appliances and equipment, and subsequently acquired an additional 100-person accommodation village in anticipation of project development proceeding during 2009. Other project location names include Mt Monger, Lucky Bay, Fingals Deposit, Salt Creek, Karonie, French Kiss, Maxwells, Cock-eyed Bob, and Harry'd Hill.	<a href="http://www.integramining.com.au/Home/tabid/79/language/en-US/Default.aspx">http://www.integramining.com.au/Home/tabid/79/language/en-US/Default.aspx</a>	<a href="http://www.integramining.com.au/Portals/2/presentations/ASXRelease080806_Integra_Diggers_FINAL.pdf">http://www.integramining.com.au/Portals/2/presentations/ASXRelease080806_Integra_Diggers_FINAL.pdf</a>  <a href="http://www.integramining.com.au/Portals/2/PDFfiles/ASXRelease081030_QuarterlyReportSept08.pdf">http://www.integramining.com.au/Portals/2/PDFfiles/ASXRelease081030_QuarterlyReportSept08.pdf</a>
27	Gunson Resources	David N Harley enquiries@gunson.com.au 9226 3130	Kalgoorlie (450 km east)	Kalgoorlie Boulder	Burkin	Nickel	Grass roots	17/09/2008: Preliminary exploration	<a href="http://www.gunson.com.au/html/burkin_f.html">http://www.gunson.com.au/html/burkin_f.html</a>	0
28	Buffalo Gold	Buffalo Gold Ltd. 1111 West Georgia Street, 24th Floor, Vancouver, British Columbia, Canada V6E 4M3 Tel: (604) 685-5492 Fax: (604) 685-2536 Toll Free: 1-888-685-5492	Kalgoorlie (approximately 400 km SE)	Kalgoorlie Boulder & Dundas	Hannah 1 Nickel/Copper/PG E Project (26357)	Nickel	Grass roots	17/09/2008: Preliminary exploration	<a href="http://www.buffalogold.ca/s/AustraliaNickel.asp">http://www.buffalogold.ca/s/AustraliaNickel.asp</a>	<a href="http://www.buffalogold.ca/s/AustraliaNickel.asp">http://www.buffalogold.ca/s/AustraliaNickel.asp</a>

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
29	Sipa Resources Limited (SRI )					Gold	Grass roots			
30	Epsilon Energy	Matthew Gauci 9212 9888	Balladonia	Dundas	Balladonia Coal to Liquids	Lignite	Exploration	23/09/2008: Significant exploration areas in similar locations to Blackhams and Spitfire Oil for the same resource.	<a href="http://www.epsilonenergy.com.au/default.asp">http://www.epsilonenergy.com.au/default.asp</a>	
31	Croesus Mining N.L. (CRS )	croesus@croesus.com.au 9420 9300	N/A	N/A	N/A	Gold	On hold	External administration	<a href="http://www.croesus.com.au/ASX.htm">http://www.croesus.com.au/ASX.htm</a>	<a href="http://www.croesus.com.au/Announcements/CRA%20Annual%20Report%202008.pdf">http://www.croesus.com.au/Announcements/CRA%20Annual%20Report%202008.pdf</a>
32	Mallee Gold	9225 4002				Gold	On hold			
33	Toro Energy Limited (TOE )	Greg Hall info@toroenergy.com.au 9321 1411	Wiluna (17 km SE)	Wiluna	Lake Way - Centipede Uranium Project	Uranium	Pre-feasibility	17/09/2008: Pre-feasibility study to be complete Q3 2008. Most advanced uranium project in WA. Study now complete. 23/09/2008: Progressing to BFS stage with potential of 4 economically viable options.		
34	Uranex NL (UNX )	Geoffrey Wallace info@uranex.com.au 9481 3188			Thatcher Soak	Uranium	Scoping	17/09/2008: Scoping study to commence to define resource quality. View to production within short time frame due to surface level deposit.		
35	Traka Resources Limited (TKL )	Patrick Verbeek traka@trakaresources.com.au 9322 1655	Ravensthorpe	Ravensthorpe	Ravensthorpe Nickel Project, Ravensthorpe Pyrite Project	Nickel	Exploration	23/09/2008: Ravensthorpe projects have had limited work during 2008. Traka have progressed tenement agreements for their Musgrave areas near Giles where there is significant resource quantity and variety. Pyrite also option to produce energy.	<a href="http://www.trakaresources.com.au/">http://www.trakaresources.com.au/</a>	<a href="http://www.trakaresources.com.au/database/Quarterly%20Report%20Period%20Ending%20June%202008.pdf">http://www.trakaresources.com.au/database/Quarterly%20Report%20Period%20Ending%20June%202008.pdf</a>
36	Kagara Ltd (KZL )	Graeme Collins admin@kagara.com.au 9481 1211		Kondinin	Forrestania (Lounge Lizard) Nickel Project	Nickel	Advanced exploration	17/09/2008: High grade results from recent drilling programme.		
37	Jindalee Resources Limited (JRL ) / Golden West Resources	enquiry@jindalee.net 9321 7550			Joyners Find North Gold/Iron Ore Project	Gold	Advanced exploration	17/09/2008: High grade results from recent drilling programme. 9.2 Mt Inferred resource quantity. 30/09/2008: Call to Lindsay Dudfield. Directed to Golden West Resources, Michael Wilson.	<a href="http://www.jindalee.net/?page=1">http://www.jindalee.net/?page=1</a>	<a href="http://www.jindalee.net/docs/30072008_joyners%20jv.pdf">http://www.jindalee.net/docs/30072008_joyners%20jv.pdf</a>
38	Navigator Resources Limited (NAV )	Tom Sanders navigator@navigatorresources.com.au Trevor cook (tcook@navigatorresources.com.au) 9226 5311	Leonora	Leonora	Cardinia Gold Project	Gold	Pre-feasibility	17/09/2008: Pre-feasibility study to be completed Q3 2008. Production target remains late 2009.	<a href="http://www.navigatorresources.com.au">www.navigatorresources.com.au</a>	<a href="http://www.navigatorresources.com.au/reports/NAVSeptember2008Ops5BFinal.pdf">http://www.navigatorresources.com.au/reports/NAVSeptember2008Ops5BFinal.pdf</a>
39	Hannans Reward	Mr Damian Hicks admin@hannansreward.com 9324 3388	Norseman (110 km west)	Dundas	Maggie Hays South	Gold	Exploration	18/09/2008: Heritage approvals submitted with DIA for drilling on Lake Johnson. Further exploration to continue. Copper/Molybdenum also target products.	<a href="http://www.hannansreward.com">www.hannansreward.com</a>	
40	Elemental Minerals Limited (ELM )	Greg Smith smithg@crpl.com.au admin@elementalminerals.com.au 9240 2836	Southern Cross, 147km SE of	Dundas	Forrestania Nickel/Gold/Iron Ore Project	Nickel	Grass Roots	18/09/2008: Considering exploration costs in Lake Johnson. Gold/Iron Ore also prospective targets	<a href="http://www.elementalminerals.com.au">www.elementalminerals.com.au</a>	<a href="http://www.goldinvest.de/public/data/documents/Quarterly_Activity_and_Cashflow_Report_ended31Mar08.pdf">http://www.goldinvest.de/public/data/documents/Quarterly_Activity_and_Cashflow_Report_ended31Mar08.pdf</a>
41	Athena Resources	Donald Fergusson Thomsonahn@athenaresources.com.au 9428 2900	Ravensthorpe	Ravensthorpe	Ravensthorpe Nickel Copper Gold Project	Nickel	Grass Roots	18/09/2008: Exploration stage only.	<a href="http://www.athenaresources.com.au/home.aspx">http://www.athenaresources.com.au/home.aspx</a>	<a href="http://www.athenaresources.com.au/assets/pdf/reports/QtrActRpt2008-Oct31.pdf">http://www.athenaresources.com.au/assets/pdf/reports/QtrActRpt2008-Oct31.pdf</a>

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
42	White Cliff Nickel Limited (WCN )	Michael James Langoulant info@wcnickel.com.au 9321 2233	Laverton	Laverton	White Cliff Nickel Project	Nickel	Exploration	19/09/2008: Has exploration interests in Lake Johnson, Splinter Magnetite Project 130 NE of Esperance, and Causeway & White Cliff Nickel Project 80 km SE of Laverton Magnetite is target product for Splinter project Following on from a memorandum of understanding signed in May, White Cliff has entered a JV with its Korean partners over the White Cliff nickel project north of Kalgoorlie. The consortium is made up of mining investment house Daewoo International and the Korean government resource group Korea Resources Corporation. The JV deal will see the Koreans commit up to \$5 million in exploration expenditure over three years and earn a stake of up to 50% in the project. Under the terms of the JV, an initial \$1.5 million payment is required and will earn the consortium 15% interest in the nickel project. White Cliff said it expects to receive Foreign Investment Review Board approval for the JV agreement "later this year".	http://www.wcnickel.com.au/projects.html	MiningNews.net Monday 20 Oct 2008
43	Avoca Resources Limited (AVO )	Rohan Williams Avoca_resources@avocaresources.com.au 9226 0625	Norseman	Norseman	Higginsville	Gold	Exploration & Producing	19/09/2008: Trident mine in operation. Further expansion potential through exploration.	http://www.avocaresources.com.au/	http://www.avocaresources.com.au/downloads/presentations/dnd_2008.pdf  http://www.avocaresources.com.au/downloads/research/avo_research_rbc_200810.pdf  http://www.avocaresources.com.au/downloads/research/avo_research_jbwere_200810.pdf
44	Maximus Resources Limited (MXR )	Dr Kevin Wills info@maximusresources.com 8132 7960	Windimurra	Mt Magnet	Canegrass	Iron Ore	Exploration	Also has interests in Windimurra Uranium project. Uranium is also a product target.	http://www.maximusresources.com/	http://www.maximusresources.com/news/data/2008/mxr_news20080825.pdf
45	Beacon Minerals Limited (BCN )	Darryl Harris 9476 9200	Southern Cross, (200km North)	Yilgarn	Barlee Gold/Uranium Project	Gold	Advanced exploration	5/11/2008: Advanced exploration with significant results already obtained. Likely to proceed to pre-feasibility study. No JORC compliant resource calculated yet. No mining proposal at this time. Need to have initial meeting.	www.beaconminerals.com	http://www.gtp.com.au/beaconminerals/inewsfiles/ASX%20announcement%20241008%20Quarterly%20report%20and%20cashflow%20September%202008.pdf
46	Accent Resources N.L. (ACS )	admin@accentresources.com.au	Norseman (6 km south)	Norseman	Norseman	Iron Ore	Exploration	0	0	0
47	Cullen Resources Limited (CUL )	Dr Chris Ringrose, Managing Director E-mail: info@cullenresources.com.au 9474 5511	Norseman (25 km E)	Norseman	Killaloe Gunbarrel BHP Nickel JV & Forrestania (Hannans Reward) JV	Nickel	Exploration	23/09/2008: Extensive exploration with many locations promising. No active Feasibility studies at this time.	http://www.cullenresources.com/home/Home/tabid/36/Default.aspx	http://www.cullenresources.com/home/Portals/0/pdf/2008/InvestorPresentation_April08.pdf  http://www.cullenresources.com/home/Portals/0/pdf/2008/ASX%20Quarterly%20-%20September%2008%20%2031%20Oct%2008.pdf
48	Mincor	0	Kambalda	0	0	Nickel	Exploration	Already operational with new exploration occurring for further resource definition.	http://www.mincor.com.au/	0
49	Oroya Mining Limited (ORO )	0	Kambalda (85 km east)	0	Roe Hills	Nickel	Exploration	Venture with Vale Inco. Under an agreement dated 17 October 2006, Inco Australia Ltd Partnership (Inco), the Australian arm of CVRD INCO, has an option to earn 75% in Roe Hills by completing a "Decision to Mine" within 6 years. Oroya will be free-carried with a 25% interest during this time. Inco has farmed-in on the nickel and associated mineral rights and Oroya retains the sole rights to other minerals including gold. Inco will pay Oroya \$200,000 over two years in consideration for the option, of which \$50,000 has been received.	http://www.oroymining.com.au/	0
50	Dominion Mining Limited (DOM )	Jonathan Shellabear 9426 6400	Near Tropicana project	Menzies	Cunderlee Project	Gold	Exploration	Exploration drilling & testing continues	http://www.dml.com.au/irm/content/home.html	http://www.dml.com.au/irm/content/investor_reports_quarterly.html

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
51	A1 Minerals Ltd	John Williams info@a1minerals.com.au 9244 1400	Laverton (40km SE)	Laverton	BrightStar Gold Project	Gold	Pre-feasibility	19/09/2008: Have purchased processing plant. The gold processing plant, including crushing, milling and tankage for a 300ktpa processing capability. Open pit optimisation studies completed in mid-2007 indicated excellent potential for high grade (plus 4g/t gold grade) ore to be generated from multiple open pit sources. The current global JORC Inferred Resource for the BrightStar Project stands at 14.2Mt at 2.2 g/t for 1,010,926 ounces of gold.	www.a1minerals.com.au	http://www.a1minerals.com.au/upload/documents/releases/asx/20080902_ASXrelease152ANewParadigmGold280808.pdf
52	A1 Minerals Ltd	John Williams info@a1minerals.com.au 9244 1400	Kalgoorlie (250km east)	Kalgoorlie	Narnoo Uranium	Gold	Exploration	19/09/2008: Subsequent to the end of the Quarter A1 signed a Letter of Intent with a major international resources company. The Letter of Intent sets out terms for the exploration and development of any potential Nickel Sulphide and base metal assets at A1's Narnoo project. Negotiation of terms for the formal agreement is in progress.	www.a1minerals.com.au	http://www.a1minerals.com.au/upload/documents/releases/asx/20080902_ASXrelease152ANewParadigmGold280808.pdf
53	Deep Yellow Limited (DYL )	9286 6999	Kalgoorlie (E)	Kalgoorlie	Ponton North	Uranium	Grass roots	7/11/2008: A first pass drill programme was completed at Ponton North with 74 holes for a total of 4,630 m being drilled. The drilling focused on areas of known historic uranium mineralisation and other targets generated from the interpretation of AEM survey data acquired in 2007. Assay results from the drilling are due in mid November 2008.	http://www.deeptyellow.com.au/	http://www.deeptyellow.com.au/reports/docs/080930_quarterly.pdf
54	Nex Metals Explorations Ltd (NME )	Edd Prumm admin@nexmetals.com 9221 6813	Various Kalgoorlie & Laverton		0	Gold	Grass Roots	0	http://www.nexmetals.com/	0
55	Saracen Gold Mining	Colin Arthur carthur@saracen.com.au 9212 4100 Ralli (Kalgoorlie) 0408 900 527, 9091 5791	Kalgoorlie 110kms NE	Laverton	South Laverton Gold Project Carosue Dam	Gold	Definitive feasibility completed Dec 08	29/06/09 - Aims to achieve full gold production at a rate of 120,000 ozs pa of Au by 2010. Minimum 3 year mine life sourced from 5 open pits followed by additional mill feed from other open pits and UG mines. Current total AU resource inventory=2.15M oz, Reserves = 360,000 ozs.	www.saracen.com.au	ASX announcement 29/09/2008, http://www.asx.com.au/asx/statistics/announcementSearch.do?method=searchByCode&issuerCode=sar&timeFrameSearchType=D&releasedDuringCode=6
56	Magma Metals	9324 1500	Kalgoorlie (63Km N)	Kalgoorlie	Mt Jewell	Nickel	Exploration	0	www.magmametals.com.au	0
57	Gryphon Minerals	0	0	0	0	Nickel	Grass Roots	0	http://www.gryphonminerals.com.au/index.html	0
58	Drake Resources	Bob Beason 0419 500 936 9228 0703	Kalgoorlie (140 km NE)	Menzies	Lake Rebecca / Redskin Gold Project	Gold	Grass Roots	E28/1343 exploration continues	http://www.drakeresources.com.au/	http://www.drakeresources.com.au/downloads/project_docs/ASX%20Release%2018%20May%2007%20-%20Lake%20Rebecca%20Airborne%20surveys%20commence.pdf
59	Rubicon Resources Limited (RBR )	9214 7500	0	0	0	Gold	Grass Roots	0	www.rubiconresources.com.au	0
60	Peninsula Minerals Limited (PEN )	9420 9333	Kalgoorlie (130 ENE)	0	Pinnacles Nickel Laterite Project	Nickel	Exploration	0	www.peninsulaminerals.com.au	0
61	Carrick Gold Limited	Brian Martin	Kalgoorlie (51 km NNE)	Kalgoorlie	Lindsays Project	Gold	Exploration	Continued resource definition.	http://www.carrickgold.com/	http://www.carrickgold.com/documents/Announcements/Large%20New%20Deposit%20at%20Central%20Structure.pdf
62	Midas Resources	Geoff Balfe 9388 2211	Laverton (80km south)	Menzies	Lake Carey & Fortitude Project	Gold	Pre-feasibility	7/11/2008: Pre-feasibility work at Fortitude is to focus on lowering costs and a review of the resource estimation methods. St. Barbara is responsible for maintaining the tenements during the option period.	http://www.midasresources.com.au	http://www.midasresources.com.au/projects1.php?projects_id=20  http://www.midasresources.com.au/downloads/article_descs/2008%20Sep%20Quarterly%20Activities%20Report.pdf

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
63	Silver Lake Resources	Les Davis contact@silverlakeresources.com.au 6313 3800	Cue (20 km SE)	Kalgoorlie	Daisy Milano	Gold	Pre-feasibility	7/11/2008: Commenced regulatory approval process to enable commencement of open pit mining at Christmas Flats during the March quarter 2009. Evaluation work continuing on underground development options on high grade gold mineralisation extending outside of the final open pit shell. Feasibility work continues on a number of other potential ore sources at Mount Monger. Development towards 2nd operational mine. Mt Monger area. Meeting organised for Friday 10th October, 1AT, MR 704.	<a href="http://www.silverlakeresources.com.au/">http://www.silverlakeresources.com.au/</a>	<a href="http://www.silverlakeresources.com.au/files/files/142_30_September_2008_Cashflow.pdf">http://www.silverlakeresources.com.au/files/files/142_30_September_2008_Cashflow.pdf</a>
64	Terrain Minerals Ltd (TMX)	Keith Wells 9481 2455	Leonora	0	Bundarra Project	Gold	Exploration	30/09/2008: Conversation with Keith Wells reveals that main focus on Bundarra project but other targets also. Significant resource at Bundarra identified. Still exploring and will need 0.5Mt to make decision to progress toward mining. Still 2 years away at this stage for Bundarra. Other exploration target near Kambalda is a possible nickel target, but further exploration required.	<a href="http://www.terrainminerals.com.au/">http://www.terrainminerals.com.au/</a>	0
65	Cortona Resources Limited	Peter van der Borgh peter@cortonaresources.com.au 6380 1093 9388 2816	Kalgoorlie (45km SE)	Kalgoorlie	Wombolla Dam Gold Project	Gold	Feasibility	17/11/2008: Barrick to mine resource which is equivalent to an off take agreement. Normal POW & Mining Program with no evident need for NPS support.	<a href="http://www.cortonaresources.com.au/">http://www.cortonaresources.com.au/</a>	<a href="http://www.cortonaresources.com.au/IMG/pdf/129_-_Quarterly_Activities_Cashflow_Report_29.10.08.pdf">http://www.cortonaresources.com.au/IMG/pdf/129_-_Quarterly_Activities_Cashflow_Report_29.10.08.pdf</a>
66	Focus Minerals	Peter Williams info@focusminerals.com.au 9215-7888	Coolgardie & Widgiemooltha	Coolgardie	Coolgardie Gold Operation (Perseverance Project) Tindal's Mining Centre The Mount Gold Deposit (Widgiemooltha)	Gold	Pre-feasibility & Feasibility	7/12/2008: Perseverance in production. 4456 oz produced to 30 June 2008 at 4.3g/t. 2465 oz sold at A\$944/oz. Cost per oz is A\$467. Project is on track with BFS. 54,000oz target for 2009. Plan to increase to 80-100,000 oz pa from 2011. Significant upside in resource resulting from exploration at Countess project and at Perseverance. Operational and pre-feasibility for three different locations. Widgiemooltha, Nepean Nickel near Coolgardie, Expansion of the Tindals Mining Centre, Expansion of Coolgardie Gold Operation. Nickel is also a product target.	<a href="http://www.focusminerals.com.au">www.focusminerals.com.au</a>	<a href="http://www.focusminerals.com.au/documents/reports/fml_quarterlyreport_2008-09.pdf">http://www.focusminerals.com.au/documents/reports/fml_quarterlyreport_2008-09.pdf</a> <a href="http://www.focusminerals.com.au/reports.aspx">http://www.focusminerals.com.au/reports.aspx</a> <a href="http://www.focusminerals.com.au/documents/research/fml_rmr_20070302.pdf">http://www.focusminerals.com.au/documents/research/fml_rmr_20070302.pdf</a>
67	Kairiki Energy	Craig Gumley info@kairikienergy.com 9388 6711	Kalgoorlie (30 km E)	Kalgoorlie	New Bulong	Gold	Exploration	7/11/2008: Major oil interests in Philippines, but mining is source of cash if it can be brought to production. Kairiki have done little in 3Qtr with Bulong but concentrated on farm out /divestment avenues and opportunities.	<a href="http://www.kairikienergy.com/page/index">http://www.kairikienergy.com/page/index</a>	<a href="http://www.kairikienergy.com/system/application/assets/documents/NewBulong.pdf">http://www.kairikienergy.com/system/application/assets/documents/NewBulong.pdf</a>
68	Cazaly Resources	Nathan McMahon nathan@cazalyresources.com.au 9380 4600	Yilgarn	Yilgarn	Mt Caudan, Parker Range	Gold	Exploration	Mt Caudin exploration progressing	<a href="http://www.cazalyresources.com.au/">http://www.cazalyresources.com.au/</a>	<a href="http://www.cazalyresources.com.au/files/grabdoc.php?type=doc&amp;id=195&amp;cid=44">http://www.cazalyresources.com.au/files/grabdoc.php?type=doc&amp;id=195&amp;cid=44</a>
69	Norton Gold Fields (acquired Bellamel Mining)	Bill Oliver (Exploration Manager) 9321 4255 info@bellamelmining.com	Kalgoorlie (8 to 15 km W)	Kalgoorlie	Kalgoorlie West Project	Gold	Exploration	18/11/2008: Bellamel have sold interests to Norton in Sept 2008. Prior to that Bellamel were in pre-feasibility study for development of gold mine with significant resources in very close proximity to Kalgoorlie town. Norton are in the process of aligning the exploration programme from Bellamel with Norton and will be developing the Bellamel tenements/deposits in line with existing production. Room for expansion but currently being used as feedstock for existing Norton mills. No evident need for NPS facilitation support.	<a href="http://www.bellamelmining.com">www.bellamelmining.com</a>	<a href="http://www.bellamelmining.com/pdfs/QuarterlyActivitiesReportSep08Quarter31Oct08.pdf">http://www.bellamelmining.com/pdfs/QuarterlyActivitiesReportSep08Quarter31Oct08.pdf</a> <a href="http://www.nortongoldfields.com.au/PDF/ASX28Oct08_Quarterly%20Activity%20Report_Sep08.pdf">http://www.nortongoldfields.com.au/PDF/ASX28Oct08_Quarterly%20Activity%20Report_Sep08.pdf</a>
70	GME Resources	David John Varcoe enq@gmeresources.com.au 9313 2144	Murrin Murrin area	0	NiWest Nickel Laterite Project	Nickel	Feasibility	17/11/2008: Project activities suspended given financial issues. GME Resources Ltd (ASX: GME – “GME” or “the Company”) is pleased to announce that it has appointed Simulus Pty Ltd (Simulus) to undertake the first phase of the Process Plant Design for the Feasibility Study for its 100%-owned Niwest Nickel Laterite Project in Western Australia. The Feasibility Study is based on an expanded 30-35,000 tonne production profile. Specialist metallurgical consultants appointed to undertake plant design as part of the Feasibility Study for expanded 3.5-4.5Mtpa heap leach project over 20 years at the Niwest Nickel Laterite Project. Phase two of the process plant design - to follow immediately after phase one - will include detailed plant layout and design and operating parameters.	<a href="http://www.gmeresources.com.au">www.gmeresources.com.au</a>	<a href="http://www.gmeresources.com.au/web/Projects/Nickel/Overview/getfile/162.pdf">http://www.gmeresources.com.au/web/Projects/Nickel/Overview/getfile/162.pdf</a>

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

Project ID	Company	Project Contact	Location	Shire	Project Name	Product	Published Project Status / Phase	Progress Comments	web site	Update Source
71	Barra Resources Limited (BAR )	Dean Goodwin 9481 3911 info@barraresources.com.au	Norseman (20km NW)	Norseman	Mt Thirsty Project	Nickel	Pre-feasibility completed by June 2009	17/11/2008: Bateman in conjunction with CSIRO will complete the metallurgy component of the Feasibility Study by early January 2009 including results of the pilot test run at SGS Lakefield. The engineering and financing component including plant design work is due for completion by June 2009. The completion of plant construction and first start-up is scheduled for June 2011. Both flora and fauna surveys have been carried out over the entire project area including areas covered by miscellaneous licence applications. No endangered species of flora or rare forms of fauna were identified within the survey area. June Quarter 2008: Barra Resources recently announced a 50/50 JV with Fission Energy. Golder Associates has estimated a JORC-compliant indicated and inferred resource of 29.03Mt @ 0.12% Co, 0.56% Ni and 0.88% Mn. The resource contains 0.162Mt of nickel, 35,000t of cobalt and 0.255Mt of manganese. Metallurgical recovery optimisation is being undertaken by Bateman Engineering with results of this test work due soon. Pilot testing utilising existing facilities in Ontario Canada has been scheduled for November. Cobalt, Manganese also targets for produce.	http://www.barraresources.com.au/	http://www.barraresources.com.au/documents/Barra_Presentation_web_page.pdf
72	Mindax	0	0	0	Lake Noondie	Uranium	Exploration	Also involved in a range of other projects.	http://www.mindax.com.au/	0
74	Aura Energy	0	Laverton (200km ESE)	0	Gunbarrel Basin Uranium Project & Wondinong Uranium Project	Uranium	Exploration	Range of projects, mainly focusing on uranium.	http://www.auraenergy.com.au/	0
75	Southern Cross Goldfields Ltd	0	Southern Cross (Koolyanobbing area)	Yilgarn	Marda Gold Project	Gold	Exploration	Aim to finalize all JORC resources Jun 09 Qtr, for Scoping Study into 100kozpa Marda stand alone CIP plant Nickel & Phosphate are also product targets	http://www.scross.com.au/	0
76	Regis Resources	David Walker enquiries@regisresources.com 9442 2200	Leinster (105 km E)	Leinster	Duketon Gold Project	Gold	Feasibility	17/11/2008: Submitted documents to EPA for assessment. Outcome is for Part V assessment. Now going through Land Clearing permits. Don't know whether there is a mining approval yet. Mostly Ms for mine area but some Ps and Es for other infrastructure.	http://www.regisresources.com/page.aspx?IDDataTreeMenu=57&parent_0=57	http://regisresources.com.au/ozstaging/admin/file/content5/c6/RR/L%20Sep%2008%20quarterly.pdf
77	Breakaway Resources	Peter Buck admin@breakawayresources.com.au 9278 6444	Leonora (50 km N)	Leonora	Wildara / The Horn	Nickel	Pre-feasibility	25/09/2008: Aiming to make committed development decision mid 2009. Also has interests in the Saints Patricks deposit (M29/245 & E29/162) but this is exploratory only.	http://www.breakawayresources.com.au/	http://www.breakawayresources.com.au/images/breakawa-27--aihoi.pdf
78	Macarthur Minerals	David Barwick dbarwick@macarthurminerals.com (07) 3010 9342 0488 700 745	Lake Giles	Yilgarn	Lake Giles Project	Iron Ore	Pre-feasibility	17/11/2008: Latest technical report (22/10/2008) suggests that the resource is not economically viable. Completed 6 stages of resource definition exploration. 18Mt at Haematite at 66% grade. Inferred resource of 82Mt. Possible export through Esperance. Need rail to Southern Cross or Menzies (Goongarrie). Until further developments no need for NPS support.	http://www.macarthurminerals.com/index.html	http://www.macarthurminerals.com/presentations/MacarthurPPT-Feb2008.pdf  http://www.macarthurminerals.com/announcements/20081104-HellmanScotfieldReport-Oct2008.pdf
79	Mindax	0	Mt Forrest	0	Paradise Bore Gold Project or Bulga Downs Project	Gold	Exploration	25/09/2008: Discussions have been in progress with the WA Department of Indigenous Affairs since early February 2008 regarding a lodged Complex Heritage Site over Mt Forrest. Mindax have been advised still further information is required before the ACMC would be able to draw a definitive conclusion. No drilling yet. Still at rock chip sampling stage. Uranium was a target but the Lake Noondie tenements are being relinquished. Project is at exploration stage. Unless there is a significant AHA issue it is not evident that the project requires NPS facilitation support.	http://www.mindax.com.au/	http://www.mindax.com.au/upload/documents/reports_announcements/662399.pdf

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

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80	Jupiter Mines	Greg Durack info@jupitermines.com 9381 9133	Leonora (80 km WSW)	Leonora	Mt Ida, Mt Mason, Walling Rock & Mt Hope	Iron Ore	Exploration	26/09/2008: During the September Quarter, Jupiter Mines Limited (ASX: JMS) continued to progress exploration activities across its portfolio of projects in Western Australia. Central Yilgarn Iron Project, a total of 1,629 metres of RC drilling completed on Mt Mason prospect and 5,474 metres was completed at Mt Ida. Gravity and Environmental Baseline Surveys completed during Quarter after POW approvals in June Qtr. Widgiemooltha Nickel Project, diamond drilling campaign undertaken at Cassini prospect with core currently being logged, cut and dispatched for assay. Klondyke East and Corunna Downs projects, results received from rock chip sampling program conducted in previous Quarter, which yielded anomalous nickel results. Golden Ridge East and Kambalda West Nickel Projects, soil sampling program undertaken, completed during October. Company signed a Heads of Agreement (HOA) with global Chinese ore and metallurgical company, Haoning Group, to enter a strategic off-take agreement with Chinese steel company. Still exploration, no evident need for NPS facilitation support.	http://www.jupitermines.com/index.phtml	http://www.jupitermines.com/images/jupiter-37--sahgh.pdf
81	Hannans Reward	Damien Hicks 9324 3388	Coolgardie	Coolgardie	Queen Victoria Rocks	Nickel	Exploration	19/11/2008: HANNANS Reward has signed a farm-in and joint venture agreement with Brazilian mining giant Vale over the Queen Victoria Rocks nickel sulphide project near Coolgardie in Western Australia. Under phase 1 of the deal, Vale will sole fund and manage nickel exploration and spend a minimum \$500,000 on exploration within one year. If Vale decides to proceed to phase 2, the company will spend a minimum \$500,000 on exploration each year for four years and complete a pre-feasibility study. Unless Vale withdraws, phase 3 will involve the establishment of a joint venture in which Vale will hold 60% interest, while Hannans will hold the remaining 40%. Vale will sole fund exploration up to completion of a bankable feasibility study within three years. Hannans will retain a 25% free-carried interest through to the completion of the BFS. Under phase 4 of the deal, if Hannans elects not to fund construction and development of the mine at the completion of the BFS, the company has the right to convert its interest to a 1.5% net smelter royalty. Hannans announced in April it was pursuing a joint venture partner for Queen Victoria Rocks, which the company said is also prospective for gold. In 2005, Nickel Australia (now Azure Minerals) walked away from a proposed JV with Hannans for Queen Victoria Rocks after three diamond drill holes failed to intersect significant nickel sulphide mineralisation. Hannans was unavailable for comment when contacted by MiningNews.net.	http://www.hannansreward.net/	MiningNews.net, Monday 20 Oct 2008  http://www.hannansreward.net/blog.php?fileurl=http://www.hannansreward.com/reports/HNRR.pdf&head=Quarterly%20Activities%20Report&month=October&day=31&year=2008
82	Ramelius Resources	Joe Houldsworth	Widgiemooltha (NE) & within 30km of Kambalda	Coolgardie	Wattle Dam & Golden Orb	Gold	Production & exploration	7/11/2008: Gold Sales for the quarter were 267 ounces at an average price of A\$1,122.00. Exploration Expenditure for 3Qtr 2008 totalled A\$1.8m. Statutory approvals granted for open pit cutback. Nickel potential will become clearer with further exploration. 2007/08 sales of 16,939 ounces of gold generating revenue of A\$14.8 million at an average price of A\$874 per ounce.	http://ramelius.auroracms.com/	http://www.rameliusresources.com.au/aurora/assets/user_content/File/Reports%20&%20Announcements/Presentations/20080417%20Investor%20Presentation%20April%202008.pdf  http://www.rameliusresources.com.au/aurora/assets/user_content/File/Reports%20&%20Announcements/Annual%20Reports/RAMELIUS%20AR%20FINAL.pdf
83	Energy and Minerals Australia	Chris Davis 9389 2700 0417 902 646 cdavis@eama.com.au	250 km NE Kalgoorlie	Menzies	Mulga Rock Deposits, Narnoo, Gunbarrel and Minigwal Project	Uranium	Exploration	17/11/2008: Numerous minerals including copper, gold, vanadium, lignite and uranium. Project has significant, non-JORC compliant, historical drilling for uranium. New drilling phase is to confirm previous results. Project has numerous options at this time and is still yet to be formally "defined". Definition is underway. Upon receiving definition, further input from DOIR may be required.	http://www.eama.com.au/	17/11/2008 Meeting http://www.eama.com.au/investors/quarterly/
84	Beadall Resources Ltd	Peter Bowler peter.bowler@beadallresources.com.au 9429 0801	Tropicana East	Laverton	Neale & Pleiades Prospects	Gold	Grass roots	23/10/2008: Initial results from first drilling on tenements reveals significant gold targets. Further drilling to occur. Cash available. Also commencing first drilling in West Musgrave tenements.	www.beadallresources.com.au	http://www.beadallresources.com.au/view/news/quarterly-reports/
84	Mega Uranium	0	130 km SE of Wiluna, WA	0	Lake Maitland	Uranium	0	New project, scoping study completed	0	0
85	Apex Minerals	Mark Ashley 6311 5555	Wiluna, WA	Wiluna	Wiluna	Gold	Expansion	Expansion, under construction	http://www.apexminerals.com/	http://www.apexminerals.com/reports/AXMQuarterlyReportSept2008.pdf

MAJOR PROJECTS SUMMARY - GOLDFIELDS – ESPERANCE REGION OF WA

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86	Catalpa Resources	Bruce McFadzean 9321 3088 manager@catalparesoresources.com.au Level 1, 9 Havelock Street, West Perth, WA, 6005	Westonia, WA	Westonia	Edna May	Gold	Exploration	Redevelopment, feasibility study under way	<a href="http://www.westoniamines.com.au/index.php/home">http://www.westoniamines.com.au/index.php/home</a>	<a href="http://www.westoniamines.com.au/UserFiles/File/0810%2031%20Catalpa%20Quarterly%20Act...8%20Final%20_31%20October%202008_.pdf">http://www.westoniamines.com.au/UserFiles/File/0810%2031%20Catalpa%20Quarterly%20Act...8%20Final%20_31%20October%202008_.pdf</a> <a href="http://www.westoniamines.com.au/UserFiles/File/0811%2014%20Assay%20146%20147_FINAL.pdf">http://www.westoniamines.com.au/UserFiles/File/0811%2014%20Assay%20146%20147_FINAL.pdf</a>
87	Kalgoorlie-Boulder Resources	0	20 km S of Norseman, WA	0	Norseman Gold project	Gold	0	New project, prefeasibility study completed	0	0
88	Tectonic Resources	0	18 km SE of Ravensthorpe, WA	0	Phillips River	Gold	0	New project, feasibility study under way	0	0
89	Newmont/Barrick Gold	0	Kalgoorlie, WA	0	Super Pit	Gold	0	Expansion, awaiting govt approval	0	0
90	Western Areas	0	130 km S of Southern Cross, WA	0	Flying Fox (T5 deposit) (part of Forrestania project)	Nickel	0	Expansion, under construction	0	0
91	Xstrata Nickel Australia	0	50 km N of Leinster, WA	0	Cosmos Project (includes Alec Mairs 2 deposits)	Nickel	0	Expansion, feasibility study under way	0	0
92	Western Areas	0	100 km S of Southern Cross, WA	0	Diggers South	Nickel	0	New project, feasibility study under way	0	0
93	Western Areas	0	130 km S of Southern Cross, WA	0	New Morning/Daybreak	Nickel	0	New project, prefeasibility study under way	0	0
94	Xstrata Nickel Australia	0	50 km S of Leinster, WA	0	Sinclair	Nickel	0	New project, feasibility study under way	0	0
95	Western Areas	0	160 km SE of Southern Cross, WA	0	Forrestania Nickel concentrate plant	Nickel	0	New project, under construction	0	0