

IRON ORE

Cape Lambert - Port Expansion

ROBE RIVER MINING CO PTY LTD

The construction of the upgrade to Cape Lambert Port has been completed, and the ramp-up towards a capacity of 80 Mt/a is nearing completion. The port will be able to operate at full capacity within the first half of 2009.

Expenditure: \$1.1b.

Employment: Construction: 450; Operation: 70

Pilbara - Iron Ore Mine, Rail and Port Development

FORTESCUE METALS GROUP LTD

FMG operates a 45 Mt/a iron ore mine at Cloud Break in the Chichester Ranges of the eastern Pilbara. The mine is serviced by a multi-user railway and new port facilities at Port Hedland. First exports of iron ore to China commenced in May 2008.

Expenditure: \$3.2b.

Employment: Construction: 2500; Operation: 870

OIL & GAS DEVELOPMENTS

Carnarvon Offshore Basin - Vincent Oil Field

WOODSIDE ENERGY

The field is located approximately 50 km northwest of Exmouth in a water depth of about 350 m. Oil is produced through an eight well subsea development and processed and stored in a Floating Production Storage and Offloading (FPSO) vessel. Q4 2008 was the first full quarter of production from the Vincent field. The field was producing approximately 35,800 bbl per day at the end of the quarter.

Expenditure: \$1b.

BAUXITE

Boddington - Alumina Refinery Expansion

BHP BILLITON

BHP Billiton announced the go-ahead for the A\$2.5 billion Efficiency and Growth expansion project at its Worsley alumina refinery in May 2008. The expansion project will lift capacity of the refinery from 3.5 Mt/a to 4.7 Mt/a through expanded mining operations, additional refining capacity and upgraded port facilities. Construction has commenced and first production is expected in the first half of 2011.

Expenditure: \$2.5b.

Employment: Construction: 1500; Operation: 200

COAL

Collie - Collie Coal Mine (Ewington I)

THE GRIFFIN COAL MINING COMPANY PTY LIMITED

In March 2008, Griffin Coal commissioned a demonstration scale char plant (capacity 0.2 mt/a) adjacent to the Ewington I mine and 4.5 km from Collie. The proposed full scale production plant will convert up to 800,000 t/a of coal from the Ewington II mine to 400,000 t/a of char from two process units. The plant will produce a high value char suitable for steelmaking, as well as generation of 24 MW of power.

Expenditure: \$20m.

DIAMONDS

Kimberley - Argyle Diamond Mine

ARGYLE DIAMOND MINES PTY LIMITED

Development of the Argyle Diamond Mine commenced in 1982 and mining commenced in the main ore body (AK1) in 1985. The mine is operational and in order to extend the life of the mine to around 2024 the company has committed to an underground mine expansion. Commencement of underground operations occurred in Q4 of 2008 with the first blast of the undercut having been achieved. Due to current global market conditions Argyle Diamonds has

slowed down its underground development, resulting in a workforce reduction. The company remains committed to the underground expansion; however it expects the slowdown to delay the ramp up to full production by approximately 18 months.

Expenditure: \$1.2b.

Employment: Construction: 250; Operation: 500

ELECTRICITY

Collie - Bluewaters I and II Coal-fired Power Stations

GRIFFIN ENERGY PTY LTD

Griffin Energy is constructing the first of two 208 MW coal-fired power stations at the proposed Coolangatta industrial estate, 10 km northeast of Collie. Commissioning of the Bluewaters I coal-fired baseload power station is expected by early-to-mid 2009. Griffin expects the second of the two power stations (Bluewaters II) to be commissioned in late 2009.

Expenditure: \$400m.

Employment: Construction: 600; Operation: 50

Karratha - 7 Mile Power Station

HAMERSLEY IRON PTY LIMITED

Rio Tinto has proposed a power infrastructure rationalisation program and upgrade for its mining and port operations in the Pilbara region. Hamersley Iron Pty Ltd is constructing a new power generating facility at 7 Mile near Karratha. Robe River Mining Company Pty Ltd is constructing a 220 kV transmission line and a sub-station at Cape Lambert. The Cape Lambert sub-station will be linked to the 7 Mile main power generator via the new transmission line. Hamersley and Robe will share the generation capacity created by the new power station. This new single station will replace the two aging plants at Dampier and Cape Lambert. Construction of this project has commenced.

Expenditure: \$500m.

GOLD

Boddington - Gold Mine

BGM MANAGEMENT COMPANY PTY LTD

BGM Management Company Pty Ltd, on behalf of Newmont and AngloGold Ashanti, is developing the Boddington Gold Mine based on mining the extensive bedrock resource that underlies the mined-out oxide resource. The mine has been in the construction phase since 2006 and initial production is expected by mid 2009. Production will be around 800,000 oz/a of gold and about 30,000 t/a copper in concentrates over a 17-year mine life.

Expenditure: \$2b.

Employment: Construction: 1500; Operation: 650

HEAVY MINERAL SANDS

Narngulu - Processing Facility Expansion

ILUKA RESOURCES LIMITED

Iluka has commenced an upgrade of its Narngulu processing facility to treat ore from South Australia to supplement a diminishing supply from its Eneabba mining operations. Iluka will treat up to 600,000 t/a of heavy mineral concentrate from its Jacinth-Ambrosia deposit in South Australia at Narngulu, starting in early 2010. Up to 350,000 t/a of zircon will be produced at the plant.

Expenditure: \$63m.

Employment: Construction: 100; Operation: 8

IRON ORE

Mid West - Extension Hill Hematite Mine

MT GIBSON IRON LTD

Mount Gibson Iron has environmental approval for a 2 Mt/a hematite mining operation at Extension Hill, 330 km south-east of Geraldton. The ore will be trucked to a rail head near Perenjori then railed to the port of Geraldton for export. The Mount Gibson board has approved commencement of construction

of the project. Subject to secondary government approvals, Mount Gibson expects to have initial shipments in Q2 2009.

Expenditure: \$73m.

Employment: Construction: 150; Operation: 100

Mid West - Koolanooka/Blue Hills Hematite Iron Ore Mine

MIDWEST CORPORATION LIMITED

Midwest Corporation commenced transporting iron ore fines from stockpiles at Koolanooka, about 160 km south east of Geraldton, in January 2006, with the first exports shipped in February 2006. Midwest proposes to re-open the Koolanooka and Blue Hills hematite iron ore mines at a rate of 1-2 Mt/a, with timing dependent on the timing of government approvals. The re-opening of the mines is being environmentally assessed at a Public Environmental Review level.

Expenditure: \$26m.

Employment: Construction: 40; Operation: 60

Pilbara - Pardoo Hematite Direct

Shipping Ore Mine

ATLAS IRON LTD

Atlas Iron is an active explorer and developer focused on iron ore projects. The company started exporting in December 2008. With a growing number of iron ore projects and a large landholdings in the Pilbara (9,600 km²) located close to existing infrastructure, the company is effectively defining resources and reserves capable of being mined with relatively low capital expenditure. Initial production is from its Pardoo project, located some 75 km east of Port Hedland. The company has exploration programs underway across its tenement portfolio, with an exploration target of 160 to 220 million tonnes grading 57-60 per cent iron. This will underpin an expanded long-term production business.

Pilbara - Rapid Growth Project 4

BHP BILLITON IRON ORE PTY LTD

BHP Billiton Iron Ore has obtained all relevant government approvals and is currently expanding the production capacity of its Western Australian iron ore operations from 129 Mt/a to 155 Mt/a to operate from 2010. The increased production will be achieved through infrastructure upgrades and the creation of a Newman hub. The company is also undertaking a parallel expansion Rapid Growth Project 5.

Expenditure: \$2.84b.

Employment: Construction: 3500

Pilbara - Rapid Growth Project 5

BHP BILLITON IRON ORE PTY LTD

BHP Billiton Iron Ore is currently in the process of obtaining all relevant government approvals for a further production capacity expansion of its Western Australian iron ore operations to 205 Mt/a in 2011. The increased production involves mine expansions, railway duplication and additional berths at Port Hedland. The company is in the study phases for future potential expansions.

Expenditure: \$7.365b.

Pilbara - Brockman Syncline 4 Iron Ore Mine

HAMERSLEY IRON PTY LIMITED

Hamersley Iron is developing the Brockman Syncline 4 iron ore deposit. Construction work has commenced. Full capacity of the project will be 22 Mt/a.

Expenditure: \$1.52b.

Employment: Operation: 1500

Pilbara - Mesa A/Warramboe Iron Ore

ROBE RIVER MINING CO PTY LTD

Robe River Iron Associates is developing the Mesa A mine in the Western Pilbara. Production is planned to be approximately 25 Mt/a. Construction commenced in January 2008.

Expenditure: \$1.1b.

IRON ORE PROCESSING

Cape Preston - Sino Iron Pellet Project CITIC PACIFIC MINING

CITIC Pacific Mining, a Chinese-owned company, received ministerial approval on 2 May 2008 for the development of a magnetite iron ore mine and pellet plant with a capacity of 6 Mt/a. A bulk sample has been completed and construction has commenced on a concentrator, pellet plant, slurry pipeline, port facilities, 240 MW power station and desalination plant to be built at Cape Preston, as well as accommodation facilities. The company plans to export the first high-grade pellets to China in 2010. Expenditure: \$5.2b. Employment: Construction: 2500; Operation: 500

OIL AND GAS DEVELOPMENTS

Carnarvon Offshore Basin - Pluto LNG WOODSIDE ENERGY

Woodside approved the Pluto LNG project in Q3 2007. Construction has commenced on Sites A and B on the Burrup Industrial Estate for export of LNG in Q4 2010. Expenditure: \$11.2b. Employment: Construction: 3000; Operation: 200

Carnarvon Offshore Basin - Pyrenees Development Oil Fields BHP BILLITON PETROLEUM AUSTRALIA PTY LIMITED

In July 2007, BHPB Petroleum announced approval of the Pyrenees oil development, located 45 km north of Exmouth. The development comprises the Crosby, Ravensworth and Stickle oil fields, which have estimated recoverable oil reserves of 80-120 million barrels. The project involves the development of 13 subsea wells connected via flowlines to a FPSO vessel, which will be capable of producing about 96,000 bbl/d of oil. First production is expected during the first half of 2010 and the estimated economic field life is 25 years. Expenditure: \$2b.

Carnarvon Offshore Basin - Van Gogh Oil Field APACHE ENERGY LIMITED

The Van Gogh oil development, located about 50 km north-west of Exmouth, will utilise a FPSO vessel with a processing capacity of 63,000 bbl/d of oil and storage capacity of 620,000 barrels. It will be linked to two subsea drill centres with 10 production wells. Subject to obtaining all the necessary government approvals, the field installation of Van Gogh is expected to be in production by mid 2009. The expected life of the development is 12-15 years. Expenditure: \$600m.

RARE EARTHS

Mt Weld - Rare Earths Mine LYNAS CORPORATION LTD

The Mt Weld deposit, located about 35 km south of Laverton, contains an estimated resource of 12.2 Mt at 9.7 per cent grade for 1.18 Mt rare earth oxides (REO). The development involves an open-pit mine and concentration plant at Mt Weld. The concentrate will be containerised on site then trucked to Leonora and railed to a container port for export. The first mining campaign was completed in May 2008 and construction of the concentration plant has commenced. The ore will be shipped to a US\$214 million processing plant in Malaysia, which will have an initial production capacity of 10,500 t/a REO in Q4 2009 and is then expected to be expanded to 21,000 t/a in 2011. On 10 February 2009, Lynas announced that as a result of the uncertainty concerning the financing structure for the project, it is proposing to suspend work. Expenditure: \$115m. Employment: Construction: 12; Operation: 40

TITANIUM DIOXIDE PIGMENT

Kwinana - Titanium Dioxide Pigment Plant Expansion TIWEST JOINT VENTURE

The Tiwest Joint Venture partners, Tronox Incorporated subsidiary Tronox Western Australia Pty Ltd, and Exxaro Resources Limited subsidiary Yalgoo Minerals Pty Ltd, approved an expansion at their Titanium Dioxide Pigment Plant in Kwinana that will see production capacity increase from 110,000 t/a to about 150,000 t/a. Construction is due to commence in Q1 2009, with the additional capacity expected to come online in early 2010. Expenditure: \$100m. Employment: Construction: 150; Operation: 12

AMMONIA/UREA

Burrup Peninsula - Ammonia Plant DYNO NOBEL ASIA PACIFIC LIMITED

Dyno Nobel purchased the interests of Plenty River (Plentex) and Thies in a large scale ammonia/urea project to be located on the Burrup Peninsula. The company is also conducting a feasibility study into developing a 230,000 t/a ammonium nitrate production facility, which could be located on the Burrup Peninsula. The alternative of building a small scale facility to supply the ammonium nitrate plant is being investigated as part of the feasibility study. Expenditure: \$900m. Employment: Construction: 1000; Operation: 130

Collie - Coal-to-Urea Plant PERDAMAN CHEMICALS AND FERTILISERS PTY LTD

Perdaman Chemical and Fertilisers, formerly North West Chemicals and Fertilisers, plans to develop a coal-to-urea plant at the soon-to-be developed Shotts Industrial Park, near Collie. The plant will use proven "best in class" coal gasification and fertiliser production technologies. Around 2.7 Mt/a of coal will be used to produce approximately 2 Mt/a of urea, primarily for export to India. The urea will be transported to Bunbury Port by rail. The company has commenced environmental approval processes and has Government approval to obtain land in the Shotts Industrial Park. Supply and off-take arrangements are agreed and will be finalised by early 2010. Construction is expected to commence in Q2 or Q3 2010 with the first shipment of urea occurring in Q3 2013. Expenditure: US\$2.5 billion. Employment: Construction 1500; Operation: 200

AMMONIUM NITRATE

Burrup Peninsula - Burrup Ammonium Nitrate Plant BURRUP NITRATES PTY LTD

Burrup Nitrates Pty Ltd, a joint venture between Burrup Holdings Ltd (BHL) of Australia and Yara International ASA of Norway, is conducting a feasibility study into the construction of a 350,000 t/a Technical Ammonium Nitrate (TAN) plant to be located on the Burrup Peninsula. Ammonia feedstock will be supplied from BHL's subsidiary company Burrup Fertilisers Pty Ltd, which operates its facility directly adjacent to the proposed location for the new TAN plant. It is expected that all manufactured product will be sold into the Pilbara region. Regulatory approval has been requested with construction targeted to commence in the last quarter 2009 and commissioning during the first quarter 2012. Expenditure: \$600m. Employment: Construction: 600; Operation: 65

BAUXITE

Wagerup - Alumina Refinery Train 3 Expansion ALCOA WORLD ALUMINA AUSTRALIA

In November 2008, Alcoa announced that the proposed expansion of its Wagerup alumina refinery (Wagerup 3) had been suspended until market conditions improved. Alcoa had been investigating the feasibility of a third production train at the refinery to increase capacity up to 4.7 Mt/a. The Minister for the Environment approved the expansion proposal in September 2006. Expenditure: \$1.5b. Employment: Construction: 1500; Operation: 260

COAL

Collie - Bluewaters III and IV, Coal-Fired Power Stations THE GRIFFIN COAL MINING COMPANY PTY LIMITED

Griffin Energy Pty Limited is planning to expand the Bluewaters Power Station Project with two additional 208 MW coal-fired power stations to be located on the Coolongatta Industrial Estate, 4.5 km north-east of Collie. Commissioning of the Bluewaters III base-load power station is expected by late 2012 and commissioning of Bluewaters IV by late 2014. Final Investment Decision is due in Q3 for Bluewaters III and Q3 2010 for Bluewaters IV. Construction phases are scheduled to commence at those times. Expenditure: \$800m. Employment: Construction: 600; Operation: 30

ELECTRICITY

Mid West - Centauri 1 Power Project ENEABBA GAS LIMITED

Eneabba Gas Limited via its wholly owned subsidiary Eneabba Energy Pty Ltd (EEPL) is planning to develop the 168 MW Centauri 1 gas-fired turbine power station 8 km east of Dongara. Generation capacity can be increased to 365 MW. The project will be capable of supplying power into the South West Interconnected System network but will be focused on supplying additional volumes of energy for the developing Mid West iron ore industries. As soon as take or pay contracts for Mid West iron ore customers are confirmed, construction can commence on site immediately and the plant can be operational in approximately 14 months. Besides sourcing gas from the Dampier-to-Bunbury Natural Gas Pipeline, EEPL is awaiting government approval for an expanded drilling program to prove up the capacity for underground coal gasification of the resource. Expenditure: \$200m. Employment: Construction: 100; Operation: 4

Mid West - Central West Coal & Coolimba Power Projects AVIVA CORPORATION LTD

Aviva Corporation Ltd is developing the Coolimba Power Project, a 2 x 200 MW base-load coal-fired power station and associated coal mine located 20 km south of Eneabba. Coolimba will be the first power station in WA to deploy leading edge emissions technology for carbon capture. Upon commissioning, the power station will constitute 8 per cent of the installed capacity in the South West Inter-connected System (SWIS) network and have an operating life of 30 years. Subject to government approvals, construction is expected to commence in mid 2009 and will extend over three years for completion in 2011-12. Expenditure: \$1b. Employment: Construction: 600; Operation: 100

Neerabup – Bioenergy Power Station

SPIRITWEST BIOENERGY PTY LTD

SpiritWest is developing a 30 MW base-load power station at Neerabup, 33 km north of Perth. The power station will use timber waste from pine plantations nearby, and other wood residues. Environmental approval was received in 2006, and a final investment decision is expected by Q2 2009, with construction expected to commence in Q3 2009. Commercial operation is scheduled for 2011. Expenditure: \$100m.

Employment: Construction: 250; Operation: 45

GOLD

Kalgoorlie - Super Pit Golden Pike Cutback

KALGOORLIE CONSOLIDATED GOLD MINES

Kalgoorlie Consolidated Gold Mines (KCGM) is planning to extend the life of its Fimiston Super Pit open cut mine by five years to 2017, with the Golden Pike Cutback. This will entail additional tailings storage facilities and waste rock dumps. The expansion of the Super Pit received environmental approval in late January 2009. KCGM will have to comply with stringent environmental conditions that address noise, air quality, waste disposal and vibration issues, as well as heritage and cultural values, and is required to submit a rehabilitation and closure management plan to the Department of Environment and Conservation before April 2010.

Employment: Operation: 1043

Goldfields - Tropicana Gold Project

ANGLOGOLD ASHANTI/INDEPENDENCE GROUP JOINT VENTURE

AngloGold Ashanti, as joint venture manager, has undertaken an intensive exploration and resource development program approximately 400 km north-east of Kalgoorlie. Plans for the project are to develop an open-cut gold mine and nearby processing plant. So far, a resource estimate of 5 million oz of gold has been identified with a mine life of 10-15 years. Mining is planned to commence in 2010 with production of up to 420,000 oz per annum. Expenditure: \$500m.

Employment: Construction: 700; Operation: 600

HEAVY MINERAL SANDS

Happy Valley - Heavy Mineral Sands Mine

BEMAX CABLE SANDS PTY LTD

Located adjacent to the Bemax Gwindinup deposits, the project will involve the mining of mineral sands from two deposits (Happy Valley North and South) located on private land and in State Forest. The level of assessment for the project has been set at Environmental Review and Management Program. Environmental impact studies for the proposed mine development have been completed. Happy Valley contains a reserve of about 6 Mt of ore at a heavy mineral grade of 11.3 per cent.

Expenditure: \$35m.

Employment: Construction: 100; Operation: 30

Jangardup South - Heavy Mineral Sands Mine

BEMAX CABLE SANDS PTY LTD

The Jangardup South minerals deposit is situated 54 km south of the Nannup township and adjacent to the D'Entrecasteaux National Park. Cable Sands estimates that the deposit would provide 2 Mt of minerals. Feasibility and environmental studies are well advanced. An environmental impact statement for the project is being prepared.

Expenditure: \$60m.

Employment: Construction: 100; Operation: 50

Keysbrook - Heavy Mineral Sands Mine

OLYMPIA RESOURCES LTD

Olympia proposes to develop a mineral sands mine located near the township of Keysbrook, approximately 70 km south of Perth. Olympia has identified proven and probable reserves of 41 Mt of ore containing 1.2 Mt of zircon, ilmenite and leucocoxene. The concentrate will be processed at Cable Sands' plant at Bunbury over the mine's eight year life. In late October 2007, the Environmental Protection Authority recommended approval of the project subject to Olympia meeting a number of conditions in the development and operation of the mine. The finalisation of the environmental impact assessment process is currently progressing. Expenditure: \$18m.

Employment: Construction: 35; Operation: 30

Shark Bay - Heavy Mineral Sands Mine

GUNSON RESOURCES LIMITED

Gunson proposes to develop the Coburn mineral sands project, located south of Shark Bay, which contains total ore reserves of 306 Mt at an average grade of 1.2 per cent heavy minerals. All of these reserves lie within the portion of the project area that has received government environmental approvals for mining. At the proposed mining rate of 17.5 Mt/a, the Coburn mine life is estimated to be 17.5 years. In 2007, Gunson signed two memoranda of understandings with CTIEC of China for CTIEC and an electric power supply company in the Chinese city of Bengbu to take a combined 40 per cent interest in the project. CTIEC has subsequently confirmed its intent to take up a 20 per cent interest but the Bengbu power supply company is to be replaced by another investor. It is planned that zircon-rich non-magnetic concentrate from the Coburn mine will be shipped to a mineral separation plant in China for further processing. The magnetic fraction is to be sold in Geraldton as a final ilmenite product containing 62 per cent titanium dioxide. Expenditure: \$100m.

Employment: Construction: 170; Operation: 110

Tutunup South - Heavy Mineral Sands Mine

ILUKA RESOURCES LIMITED

Iluka proposes to develop the Tutunup South mineral sands mine, located approximately 15 km south-east of Busselton. The project will include the construction of mine pits, solar drying dams, ore concentrator and associated mine infrastructure. The mine is expected to produce over 1.2 Mt of heavy mineral concentrate over its five to six year life, which will be transported to Capel for further processing. Tutunup South is scheduled to commence mining operations in Q4 2009, subject to obtaining necessary government approvals, and will replace Iluka's Wagerup mine site. Expenditure: \$25m.

Employment: Construction: 150; Operation: 40

IRON ORE

Cape Preston - Magnetite Iron Ore Mine

AUSTRALASIAN RESOURCES LTD

Australasian Resources Ltd (ARH) through its 100 per cent-owned subsidiary International Minerals Pty Ltd (IM) is developing a 12Mt/a magnetite iron ore mine with associated processing and infrastructure facilities to produce concentrate and pellets for export under a shared export facilities with CITIC Pacific at the Cape Preston Port. IM has a right to mine 1Bt of magnetite ore over 25 years from the Mineralogy-owned South Balmoral magnetite iron ore deposit, located approximately 30 km from Cape Preston. In an agreement with the fourth largest steel mill in China, Shougang Corporation, ARH retains an option to fund

100 per cent of the project development cost interest free to earn a 50 per cent share in IM. A bankable feasibility study for the project was completed in 2008. Environmental level of assessment for the project was set as a Public Environmental Review lodged with the Environmental Protection Authority in September 2008. The company expects to commission the project in 2011, with first shipment in 2012.

Expenditure: \$2.7b.

Employment: Construction: 2500; Operation: 800

Great Southern - Southdown Magnetite Mine

GRANGE RESOURCES LTD

Grange is undertaking a definitive feasibility study on the Southdown magnetite project, 90 km north-east of Albany. The company plans to produce an initial 3.3 Mt/a magnetite concentrate stepping up to 6.6 Mt/a. The concentrate will be transported via a slurry pipeline to the Port of Albany for export and pelletising in Malaysia. The project is currently being environmentally assessed at a Public Environmental Review level. The recent merger with Australian Bulk Minerals now brings significant magnetite mining and pelletising experience to the Southdown project

Expenditure: \$839m.

Employment: Construction: 700; Operation: 250

Mid West - Extension Hill Magnetite Mine

ASIA IRON

Asia Iron has primary environmental approval to produce up to 5 Mt/a of magnetite concentrate, which will be transported by slurry pipeline to the Port of Geraldton for export. The company is currently seeking secondary approvals.

Expenditure: \$715m.

Employment: Construction: 1000; Operation: 350

Mid West - Jack Hills Hematite

Mine Stage 2

CROSSLANDS RESOURCES

Murchison Metals commenced trucking 1.5 Mt/a hematite from its Jack Hills operations to the Port of Geraldton in December 2006. The company increased production to 2 Mt/a in 2008 and will now proceed to Stage 2, which would involve a further increase to 10-25 Mt/a of hematite and beneficiation ore. The ore would be transported by a new railway to a new deepwater port at Oakajee. A definitive feasibility study and exploration drilling program on its Jack Hills Stage 2 project is progressing.

Expenditure: \$750m.

Employment: Construction: 450; Operation: 350

Mid West - Mt Karara Magnetite Mine

GINDALBIE METALS LTD

Gindalbie Metals is developing a magnetite mining operation at Karara, 85 km east of Morawa, based on a world-class 522 Mt JORC reserve plus a 1853 Mt JORC resource. First production is scheduled to take place in the fourth quarter of 2010 at an initial rate of 8 Mt/a of magnetite concentrate. The mine life is expected to be more than 50 years. Design and engineering work is underway and orders have been placed for long lead items. On-site work is awaiting final environmental approval.

Expenditure: \$1.7b.

Employment: Construction: 400; Operation: 240

Mid West - Mungada Hematite Mine

GINDALBIE METALS LTD

Gindalbie Metals is developing a direct shipping hematite ore project at Karara, 85 km east of Morawa, based on an initial 10.9 Mt JORC reserve and 16.2 Mt JORC resource. First production is scheduled for the fourth quarter of 2009 at a rate of 1.5 Mt/a, moving to 2 Mt/a. The project is currently awaiting final environmental approval.

Expenditure: \$108m.

Mid West - Weld Range Iron Ore Mine

MIDWEST CORPORATION LIMITED

Midwest Corporation proposes to develop a 15-20 Mt/a iron ore mine at Weld Range, 65 km southwest of Meekatharra, producing a mix of hematite lump and fines. The project is expected to utilise a new rail line and a new deep water port facility at Oakajee. The company commenced an extensive drilling program in June 2006 and is currently completing a pre-feasibility study.

Expenditure: \$800m.

Employment: Construction: 900; Operation: 220

Pilbara - Balla Balla Iron Ore Concentrate Project

AUROX RESOURCES LIMITED

Aurox Resources Limited is a Perth-based metals developer with a primary asset of the 100 per cent-owned Balla Balla iron ore concentrate project. The project is located near the coast, west of Port Hedland, in the Pilbara region of Western Australia. Aurox is well advanced in the development of Balla Balla with detailed engineering nearly complete and all long lead items, such as crusher and mills, secured. The company has in place two 15 year sales contracts for a total of 6 Mt/a, increasing to 10 Mt/a concentrate production in year five, with major Chinese steel companies. Balla Balla is based on a large homogenous magnetite ore body, which will be developed as one of the lowest cost magnetite operations in Australia. The project also has significant vanadium, titanium and phosphate potential, and is located near major ports, gas and grid power with main highway access. The Balla Balla feasibility study demonstrated strong project economics with magnetite iron ore shipments to China scheduled to commence in 2011.

Pilbara - Roy Hill Iron Ore Mine

HANCOCK PROSPECTING PTY LTD

Hancock Prospecting Pty Ltd is undertaking a pre-feasibility assessment of the development of the Roy Hill iron ore deposit, possibly Australia's largest undeveloped Marra Mamba iron ore deposit. The deposit is located about 80 km north of Newman. In 2007, the company invested \$38 million on a major drilling program to more closely define the iron ore resource. Further infill drilling is continuing. The development program moved to a bankable feasibility study at the end of 2008 for a decision on the project by late 2009. The project includes the development of mines, a new railway or third party use of an existing railway, and port facilities at Port Hedland.

Pilbara - West Pilbara Iron Ore Project

API MANAGEMENT PTY LTD

The Australian Premium Iron Joint Venture is proposing to develop the West Pilbara Iron Ore Project. Stage 1 of the project is based on the production of 20-30 Mt/a of direct shipping iron ore from a group of three mine sites located approximately 50 km southwest of Pannawonica. The ore will be exported via a new railway and port facility located on the Pilbara coast. Subject to the successful completion of feasibility and environmental studies (in process), and receipt of government regulatory approvals, the company anticipates that the first shipment will occur in early 2012.

Expenditure: \$3.9b.

Employment: Construction: 1300; Operation: 700

LITHIUM

Mt Cattlin - Lithium Mine

GALAXY RESOURCES LIMITED

Galaxy Resources Limited is developing a 1 Mt/a lithium and tantalum (over a 15 year mine life) project at Mt Cattlin, north of Ravensthorpe. Galaxy plans to commence mine development and plant construction in Q3 2009 with first production of concentrates during Q3 2010. Lithium (spodumene) and tantalum concentrate is expected to be shipped through Esperance. Galaxy's initial fast-track project schedule aims to meet the growing demand for lithium-ion batteries currently being fuelled by the rapidly expanding international hybrid and electric vehicle market. Scoping studies for on-site processing of lithium carbonate, due for completion by mid 2009, could reveal significant upside to the value of the Mt Cattlin project.

Expenditure: \$75m.

Employment: Construction: 100; Operation: 75

MOLYBDENUM

Pilbara - Spinifex Ridge Molybdenum/ Copper Mine

MOLY MINES LIMITED

The Spinifex Ridge Project is located 50 km north-east of Marble Bar in the Pilbara region of Western Australia. It is based on a resource of 469 Mt at 0.06 per cent molybdenum and 0.09% copper. Moly Mines has completed a definitive feasibility study which has forecast 240 Mlbs of molybdenum concentrate and 270 Mlbs of copper concentrate will be produced in the first 10 years of the operation. The project's processing plant design capacity is at 20 Mt/a. The project is undergoing environmental assessment.

Expenditure: \$1.084b.

Employment: Construction: 400; Operation: 375

NICKEL

Goongarrie - Kalgoorlie Nickel Project

HERON RESOURCES LTD

This project will involve a mine and hydrometallurgical processing plant at Goongarrie (about 85 km north of Kalgoorlie) producing up to 50,000 t/a of nickel from laterite resources of 903 Mt grading 0.74 per cent nickel and 0.05 per cent cobalt. Heron and Vale Inco completed a pre-feasibility study in January 2009 and have commenced a six month review period to decide whether to commit to a full feasibility study by 30 July 2009. Further ore reserve estimation, mine planning and metallurgical testing will be undertaken.

Expenditure: \$1.4b.

Employment: Construction: 1000; Operation: 300

OIL AND GAS DEVELOPMENTS

Carnarvon Offshore Basin - Gorgon LNG

GORGON JOINT VENTURE

In December 2007, the Gorgon Joint Venture (GJV) announced its intention to upgrade the project specifications from a 10Mt/a (2 train) to a 15 Mt/a (3 train) development on Barrow Island. The project is based on gas from both the offshore Gorgon and Jansz fields. The development on Barrow Island is also to include a domestic gas plant. The GJV obtained environmental approval for a 10 Mt/a development in late 2007. In September 2008, the GJV released a Public Environmental Review document for public comment regarding the addition of a third LNG train. Once the GJV has obtained environmental approvals for the additional train and completed front-end engineering and design work for the project, it will consider a final investment decision.

Expenditure: \$11b.

Employment: Construction: 3000; Operation: 600

Carnarvon Offshore Basin - Wheatstone LNG

CHEVRON AUSTRALIA PTY LTD

Chevron intends to develop an LNG project based on the Wheatstone and Iago gas fields in the Carnarvon Offshore Basin. The project will have an initial capacity of two LNG trains following a successful appraisal program, which has increased the reported gas reserves of 4.5 trillion cubic feet. Chevron is expected to enter Front End Engineering and Design in the second half of 2009.

Employment: Construction: 3000

Pilbara - Devil Creek Development Project

APACHE ENERGY LIMITED

Apache Northwest Pty Ltd and Santos Offshore Pty Ltd are investigating the Devil Creek Development Project (DCDP), a greenfield gas project comprised of: an unmanned offshore gas production platform over the Reindeer gas field, located about 80 km northwest of Dampier; offshore and onshore gas pipelines; an onshore gas processing plant near Devil Creek, 65km southwest of Karratha; and a sales gas export pipeline connected to the Dampier-to-Bunbury Natural Gas Pipeline (DBNGP). The DCDP is designed to provide up to 200 TJ per day of dry natural gas and between 80 kl to 160 kl per day of gas condensate. All gas from the DCDP will service the domestic gas market in Western Australia. Construction is scheduled to start by Q3 2009, with first gas delivered into the DBNGP Q3 2011, subject to receiving all the required statutory approvals.

Expenditure: \$800m.

Employment: Construction: 200; Operation: 20

SALT

Exmouth Gulf - Yannarie Solar Salt Project

STRAITS RESOURCES LTD

Straits Salt is proposing to develop the Yannarie Solar Salt, a 4 Mt/a salt operation in the east coast of Exmouth Gulf. It has exploration licences over the area and has applied for a mining lease. The proposal was assessed at the Environmental Review and Management Program level by the EPA. In a statement released on 23 July 2008, EPA Report 1295 recommended against approval for the Yannarie Solar Salt proposal. Straits has appealed against the EPA's recommendation and the matter is currently under investigation by the Office of the Appeals Convenor.

Expenditure: \$200m.

Employment: Construction: 100; Operation: 75

TIMBER

Great Southern - Engineered Strand Lumber Plant

LIGNOR LTD

Lignor Ltd is proposing the development of an Engineered Strand Lumber/Engineered Strand Board plant at Mirambeena, near Albany. The plant will source most of its timber from the extensive eucalypt plantations growing in the Albany region and will use technology developed by the German engineering company Siempelkamp or Dieffenbacher. The company has nearly completed its feasibility study. Further project development has been put on hold pending more favourable global financial market conditions.

Expenditure: \$350m.

Employment: Construction: 400; Operation: 125