

The Pilbara's Emerging Powerhouse to deliver the next phase of growth

BAML conference presentation 16 May 2012



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Company Highlights

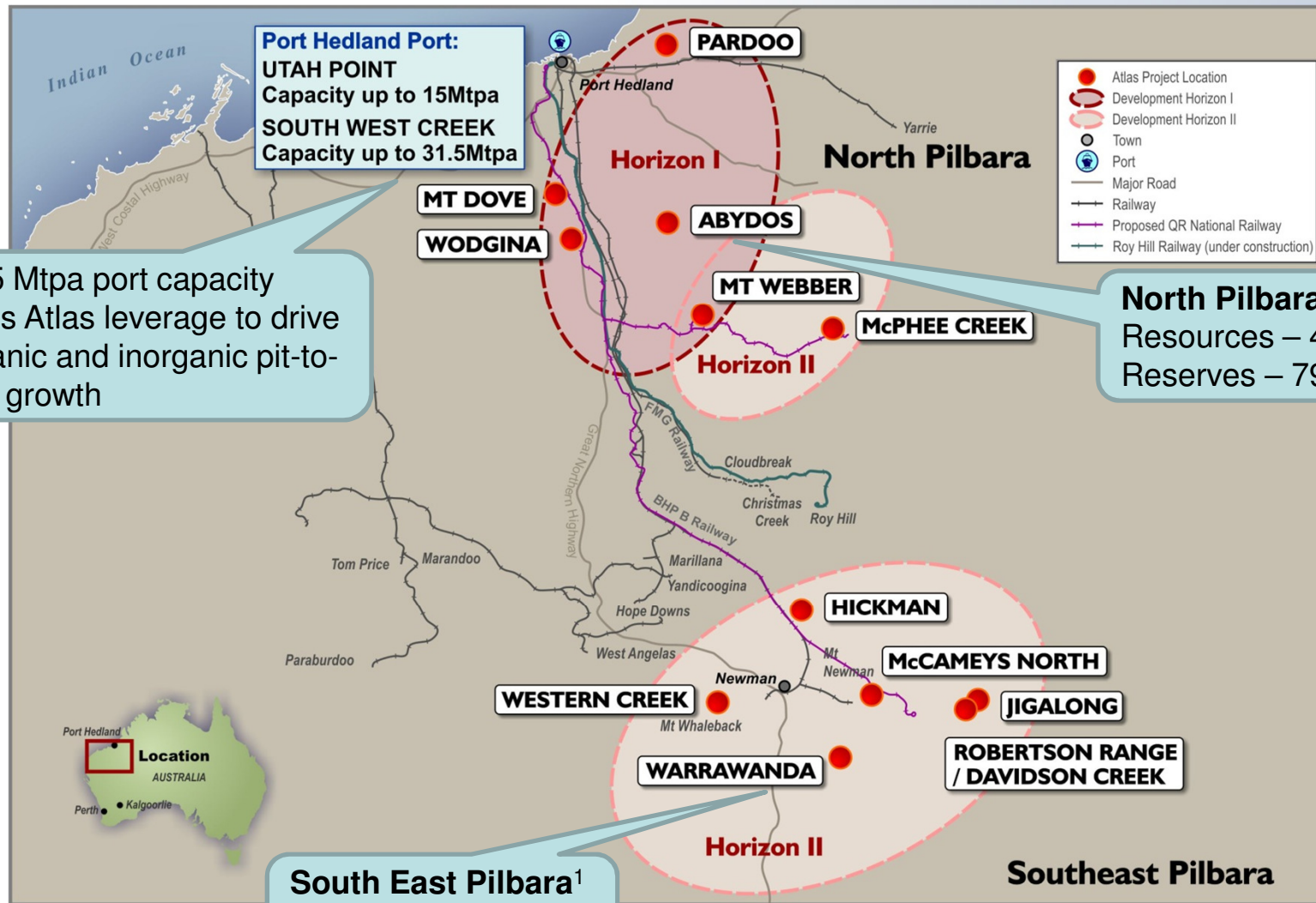


- Strong operating cash flows from existing mines
- Low cash operating costs
- 1 Billion¹ tonne Pilbara DSO resource base
- Growth focus – 6Mtpa currently, targeting 15Mtpa by 2015 and 46Mtpa by 2017
- Realisable infrastructure solutions
- Substantial Port Hedland Inner Harbour port capacity
- Fast growing ASX 100 company, paid maiden dividend in October 2011
- New mines in 2012 & 2013 - Mt Dove, Abydos, Mt Webber



Note: 1. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Atlas' Horizon 1 and 2 Development



1. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Highlights of March 2012 Quarter



- Cash costs within guidance of \$42 to \$45 per tonne
- On target to ship approx. 5.5 to 5.7Mt (WMT) for FY2012
- Tonnes shipped 1.21Mt (WMT) within guidance
- Average price achieved USD124/t CFR up from USD120/t CFR in Dec 2011 Quarter
- \$362 million in cash and no debt
- QR National binding MOU to progress feasibility of Pilbara Independent Rail
- Abydos & Mt Dove DSO projects approved for investment



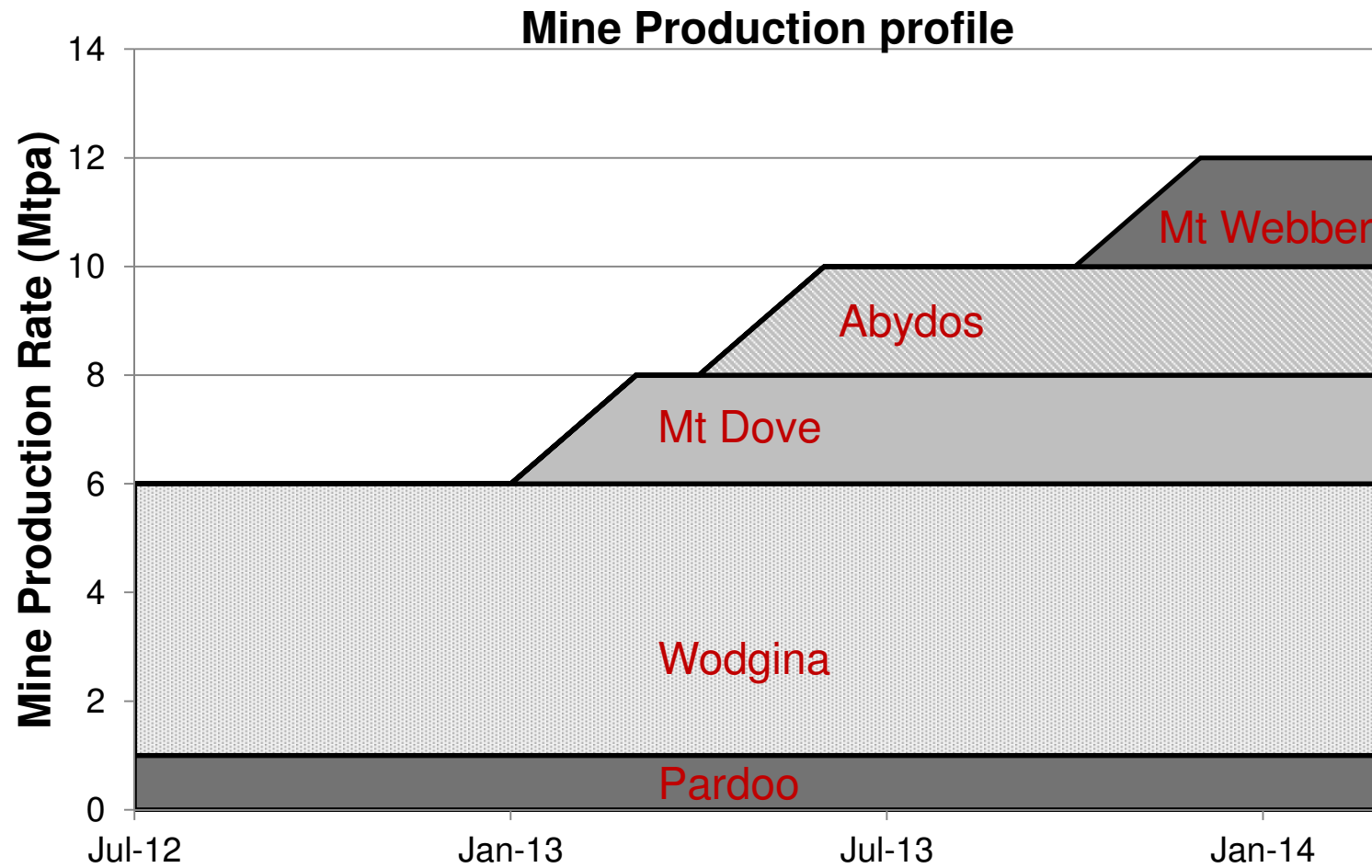
Highlights of Horizon 1 Update



- Exports to grow from 6Mtpa to 10Mtpa by June 2013, increasing to 12Mtpa by Dec 2013
- Capital costs of \$60 to \$70 per annualised tonne
- Mt Dove to start production Dec 2012
- Abydos project to start production in April 2013
- Installed plant capacity of 15Mtpa by Dec 2013
- Atlas' first Standard Mine Model at Mt Webber precursor for rollout at McPhee Creek and SE Pilbara projects
- Targeting cash costs of \$47 to \$52/tonne for FY 2014



Horizon 1 mine production profile



Iron Ore Sales



- Strong acceptance of Atlas product over the period
- Broad base of Chinese mills with original term contracts – renewal process underway of 2008/09 contracts with best performers
- Substantial demand from new customers
- Market move away from Quarterly pricing in October 2011
- Deep market permits regular spot sales to supplement contracts
- Six low grade (~54% Fe) product shipments (incl. April 2012) completed opportunistically YTD of FY2012
- Investigating sale opportunities outside of China with testwork underway



Exploration and Development



- 1 Billion¹ tonne Pilbara resource base and growing
- 137,000 metres drilling completed on YTD of FY2012
- Focus on McPhee Creek and North Pilbara projects
- Resource and reserve updates on track for completion by mid year (June Q 2012)

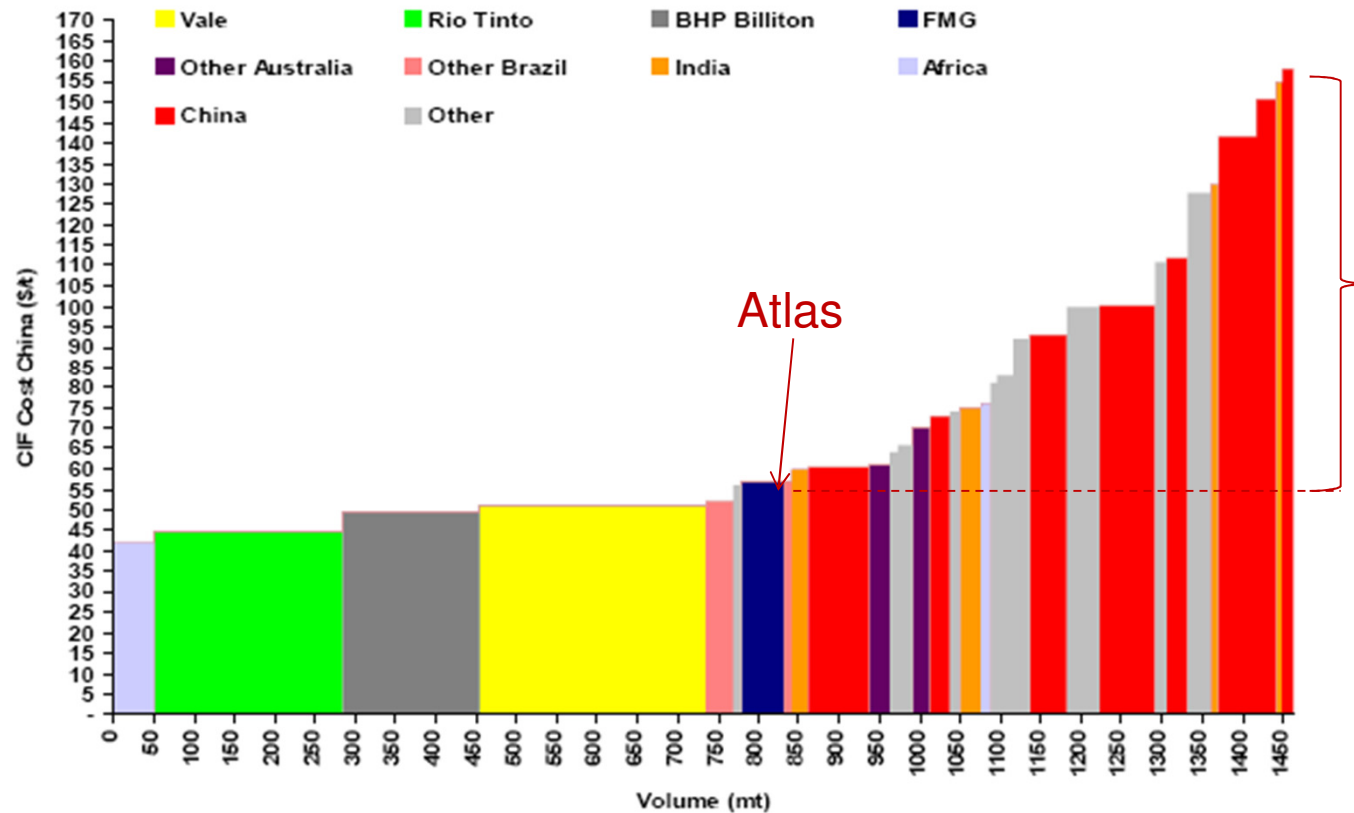


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Globally Competitive



Supply curve to Chinese market for Iron ore fines



Market pricing robustness

Source: Macquarie Bank – April 2012 – cost per tonne CFR



Corporate



Shareholding

IMC Group	7.4%
Schroders	7.0%
Blackrock	5.4%
Nab	5.0%
Top 20	68%

Capital Structure

Ordinary Shares	904.1m
Market Cap at \$2.87	A\$2,595m
Cash as at 31 March 2012	A\$362m
Debt	A\$0m
Enterprise Value	A\$2,233m
Options	17.3m

Atlas' Share Price Performance



AGO is in the S&P/ASX 100

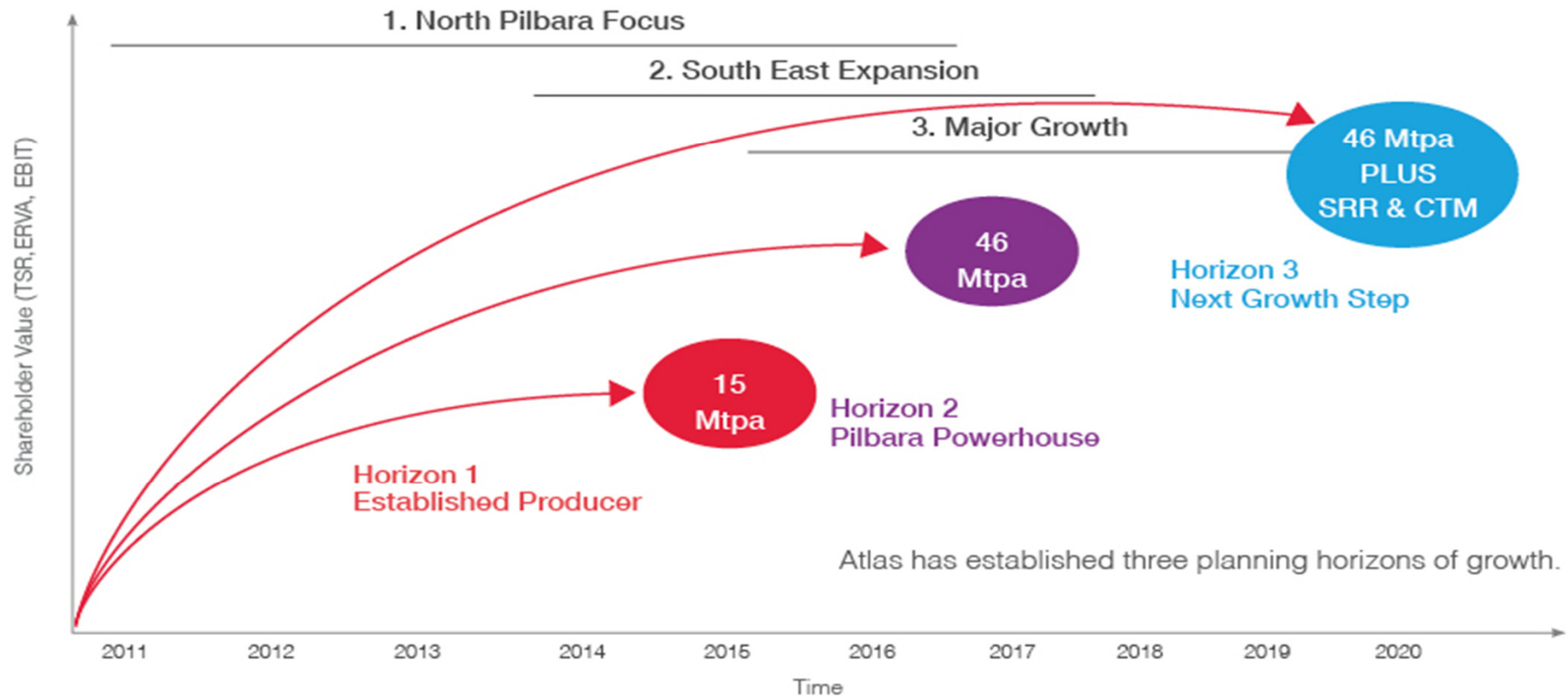
Strong share price and liquidity



Atlas Strategic Planning Horizons



Atlas Iron Position - Key Strategic Milestones



Key Milestones of Calendar 2012



- Abydos DSO mine commencing construction, May 2012
- Mt Dove DSO mine commencing construction, June 2012
- Mt Dove DSO mine to commence production, Dec 2012
- Target cash costs of A\$42-A\$45 per tonne
- On target to ship approx. 5.5 to 5.7Mt (WMT) for FY2012
- Resource update to be announced in July 2012
- Reserves update to be announced in July 2012



Note: 1. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Horizon 1 - Existing Operations

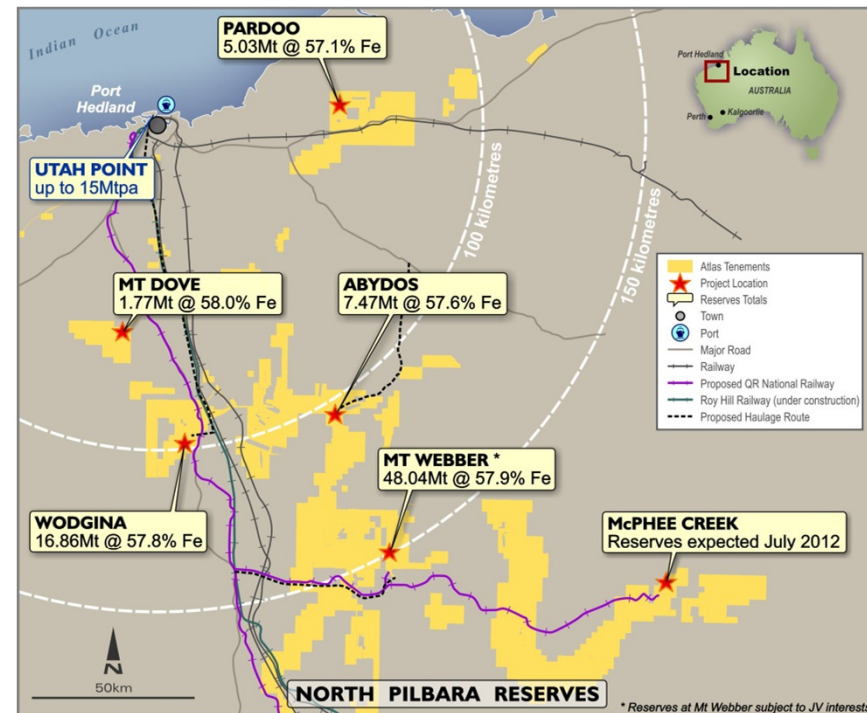


■ Mines

- Pardoo and Wodgina currently in operation
- 75km and 110km from port respectively
- Traditional open pit mining, strip ratio typically < 2.5:1
- DSO production – no beneficiation required

■ Logistics

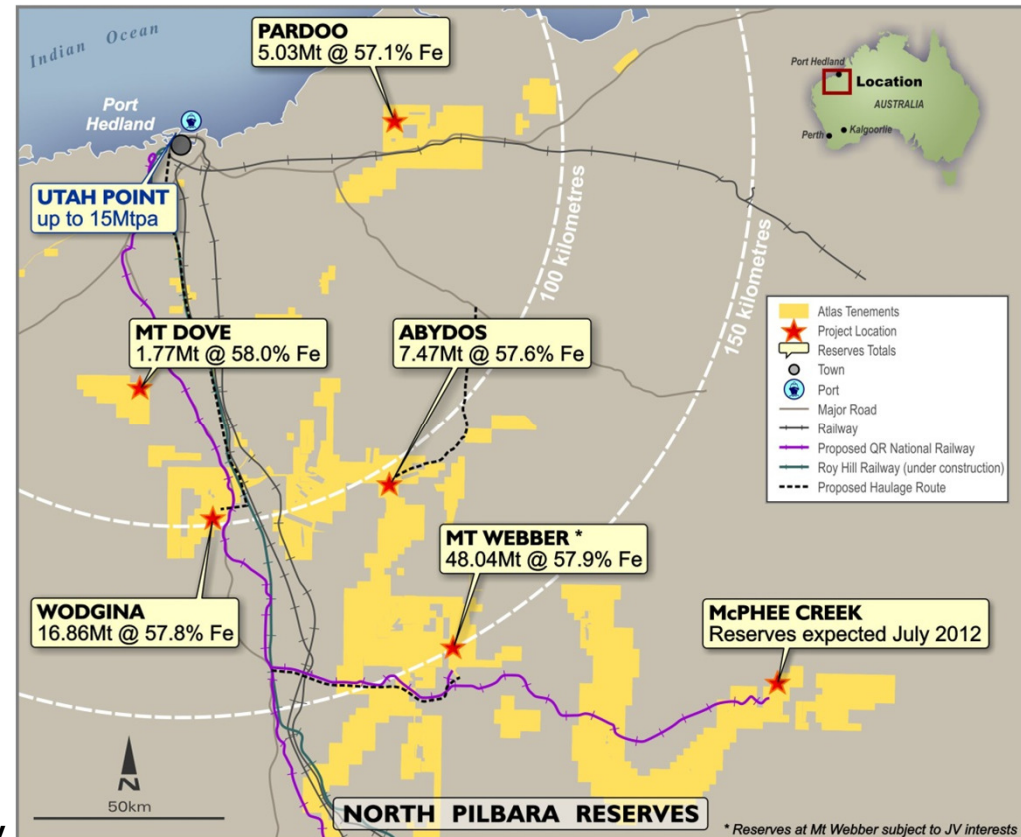
- Current Export rate ~ 6Mtpa
- Haulage and shipping capability >500,000 t/month ~ 6Mtpa
- Road haulage ~ 115t concessional loads
- Port entitlements to facilitate growth



Horizon 1 developments on track - Mt Dove, Abydos & Mt Webber



- Expansion at Wodgina, new mines at Abydos, Mt Dove & Mt Webber¹/Daltons², will increase production to rate of 10Mtpa by June 2013 and 12Mtpa by Dec 2013
- Combined Mt Webber/Daltons resource now 62.5Mt at 57.7% Fe³
- Size and low strip ratio at Mt Webber/Daltons with Expansion opportunities
- Simple application of the existing mining and haulage model
- On track to be producing at a rate of 10Mtpa by June 2013 and 12Mtpa by Dec 2013

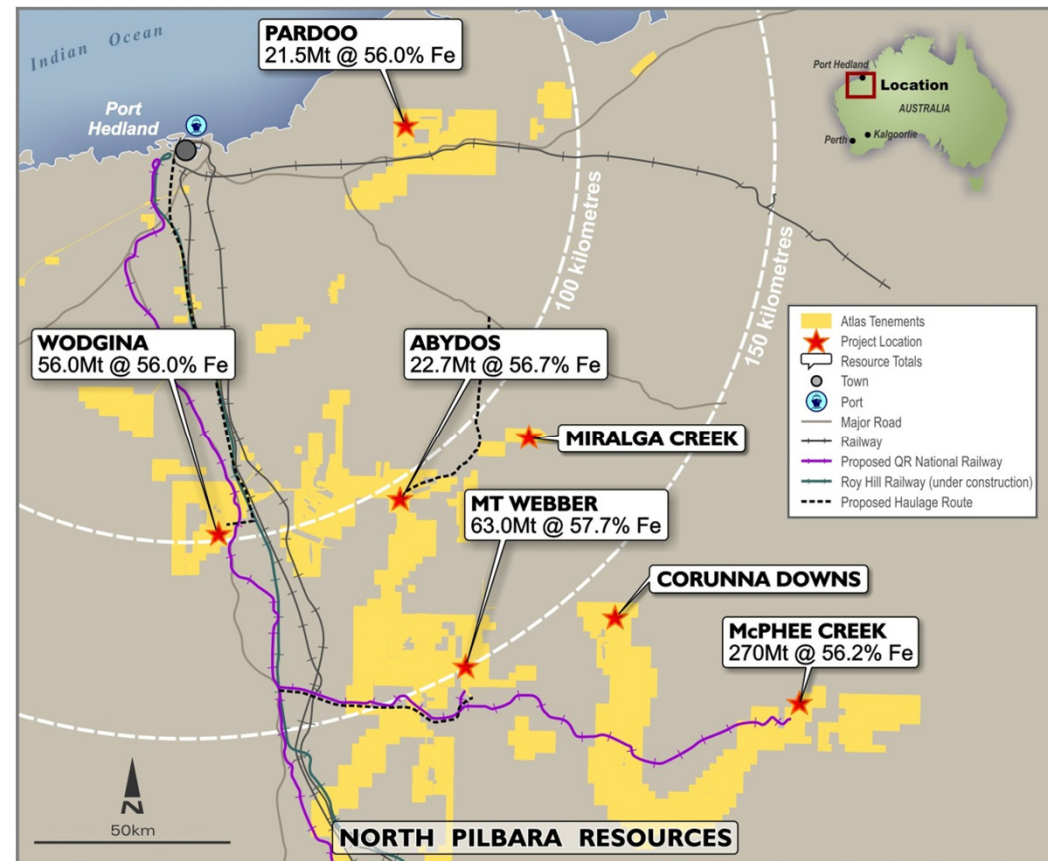


1. 70% Atlas Iron, 30% Altura Mining
2. 100% Atlas Iron,
3. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Horizon 2 development - McPhee Creek

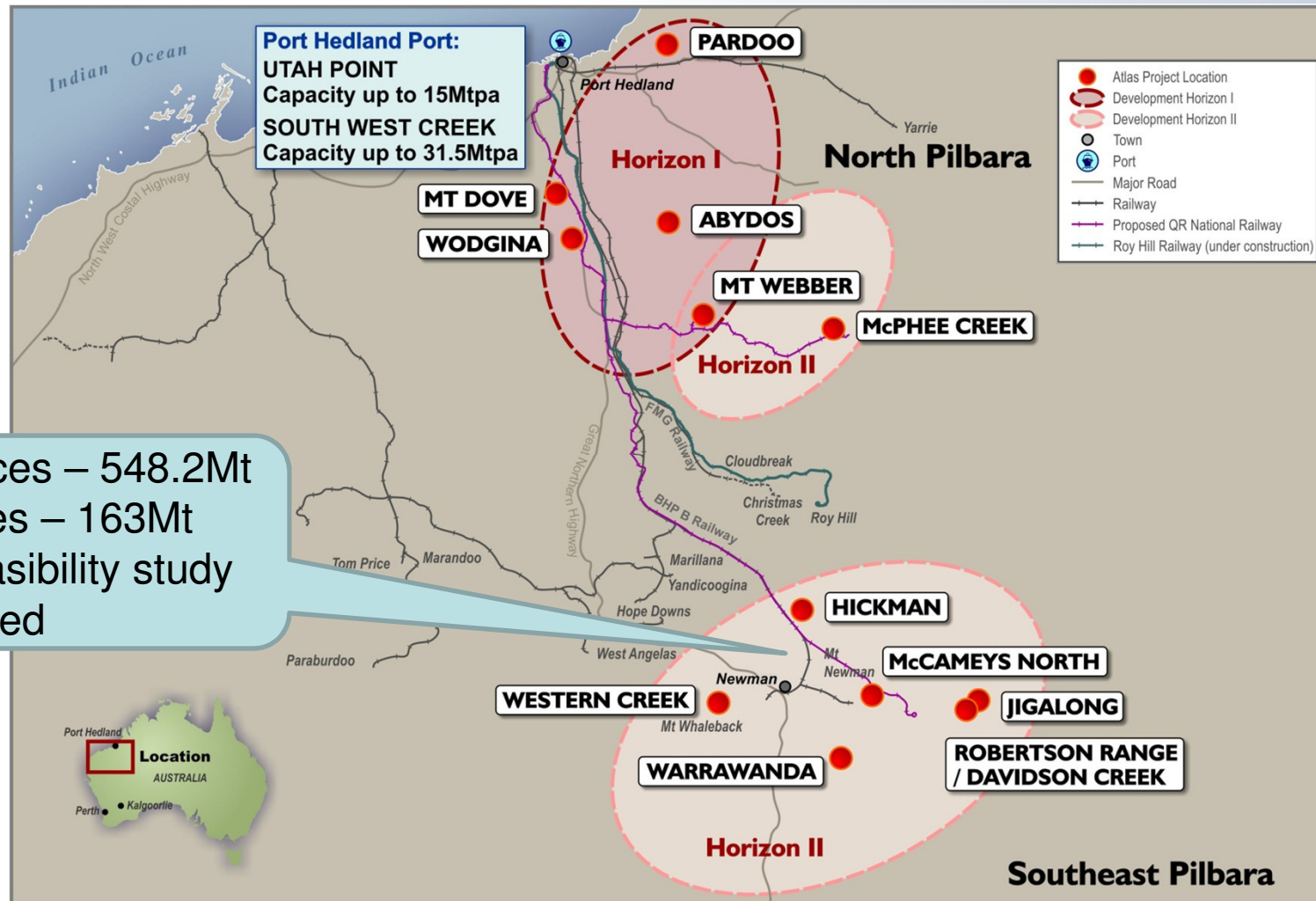


- McPhee Creek - step change for Atlas opening up Horizon 2
 - 270Mt at 56.2% Fe Resource¹
 - Potential production at circa 10Mtpa
- Realisable Infrastructure Solutions
- Rail options being assessed
 - QRN binding MOU signed
 - Nth Pilbara Rail
 - Benefits SE Pilbara Development



1. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Horizon 2 development –S E Pilbara Projects



1. Refer to Appendices for Resource and Reserve Tables, and Competent Person statements

Port Capacity



- Atlas targeting:
 - DSO production rate of 10Mtpa by June 2013 and 12Mtpa by Dec 2013
 - 15 Mtpa DSO by 2015
 - Ramping up to 46Mtpa DSO by 2017
- Atlas has current or future entitlements to:
 - Up to 15 Mtpa capacity at Utah Point.
 - Additional allocation up to 31.5 Mtpa through the proposed South West Creek Port (NWI) in Port Hedland
- Atlas has a strategic advantage in relation to its port capacity options

46.5 Mtpa port capacity gives Atlas leverage to drive organic and inorganic pit-to-port growth



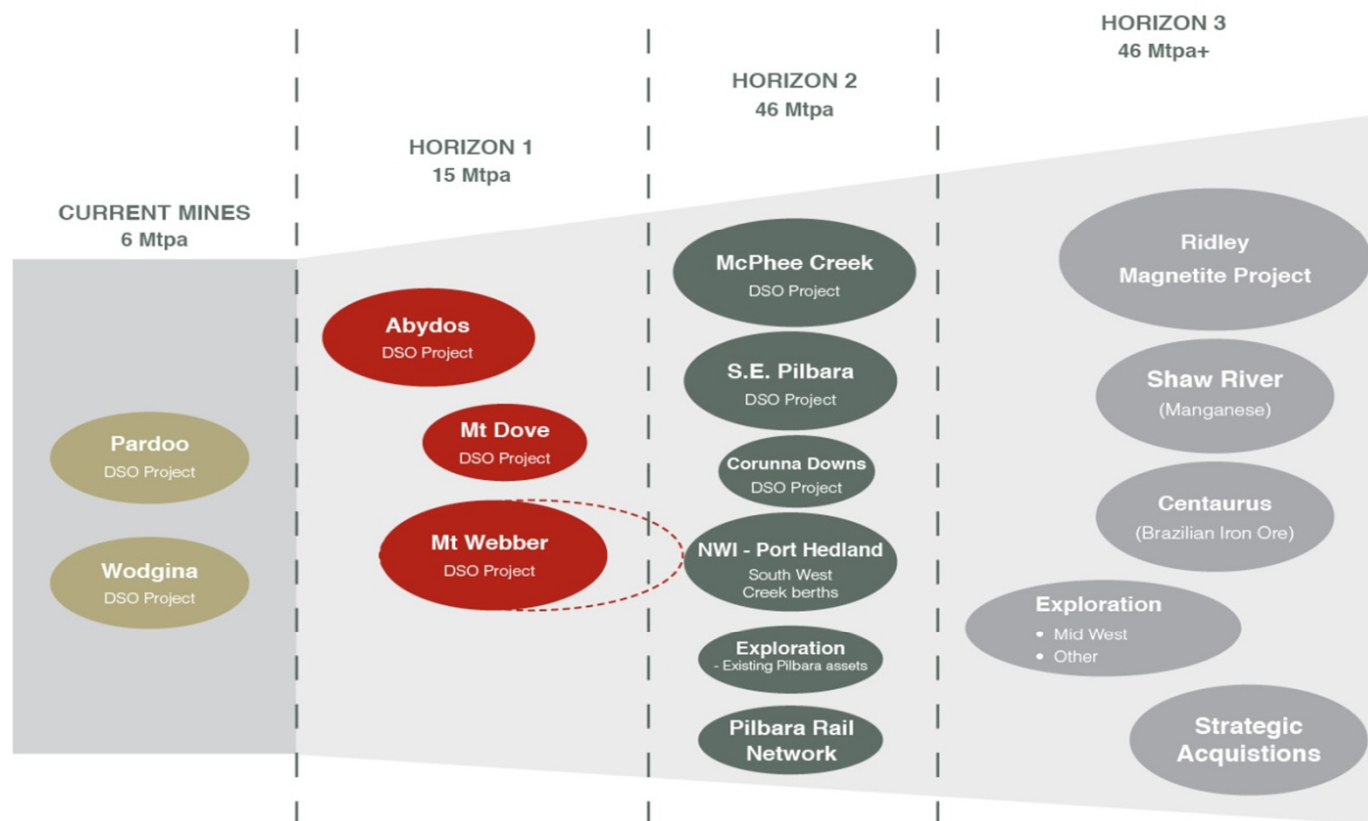
Appendices



- Horizon 1, 2 and 3 Projects and Assets
- Atlas DSO Resources – October 2011
- Atlas DSO Reserves
- Atlas' port allocation at Port Hedland Port
- Horizon 1 Capital Expenditure
- Atlas' assets - Atlas' current investments



Horizon 1, 2 and 3 Projects and Assets



Atlas' Horizon 1, 2 and 3 Projects and Interests

Atlas DSO Resources – October 2011



Atlas Iron Limited - Resource Inventory October 2011

Region	Resource Classification	Kt	Fe	SiO ₂	Al ₂ O ₃	P	S	LOI	CaFe
			(%)	(%)	(%)	(%)	(%)	(%)	(%)
North Pilbara*	Measured	15,330	57.5	6.0	1.6	0.07	0.07	8.7	63.0
	Indicated	149,000	56.8	6.5	2.2	0.10	0.01	9.1	62.5
	Inferred	272,000	56.0	7.1	2.4	0.11	0.01	9.4	61.9
Southeast Pilbara	Measured	37,400	58.4	4.8	2.8	0.10		8.1	63.6
	Indicated	341,800	56.6	6.3	3.6	0.10		8.3	61.7
	Inferred	169,000	55.7	7.1	3.9	0.07		8.7	60.9
West Pilbara	Inferred	38,000	53.6	7.5	4.8	0.04	0.00	9.3	59.1
Midwest	Inferred	12,000	60.0	6.3	2.9	0.06	0.00	3.7	62.3
Total	Measured	52,730	58.2	5.2	2.4	0.09	0.02	8.3	63.4
	Indicated	490,800	56.7	6.3	3.2	0.10	0.01	8.5	61.9
	Inferred	491,000	55.8	7.1	3.1	0.09	0.01	9.0	61.3
Grand Total		1,034,530	56.3	6.6	3.1	0.10	0.01	8.7	61.7

CaFe% is calcined Fe calculated by Atlas using the formula $(Fe\% / (100 - LOI\%)) * 100$.

* Mt Webber Resources in the North Pilbara are subject to Joint Venture interests in the ratio AGO 70% : AJM 30% for the Mt Webber Joint Venture with Altura Mining and in the ratio AGO 75%: HAO 25% for the Daltons Joint Venture with Haoma Mining. (See Atlas' announcement dated 19 August 2011 for details on the Mt Webber and Daltons resource estimates)



Atlas DSO Reserves



Atlas DSO Reserves Table

Region	Reserve Classification	Mt	Fe(%)	SiO ₂ (%)	Al ₂ O ₃ (%)	P%	LOI%	CaFe%
North Pilbara	Proven	12.42	58	5.6	1.5	0.08	8.7	63.5
	Probable	66.8	57.7	6.3	1.8	0.08	8.5	63.1
Southeast Pilbara	Probable	163	57.4	5.2	3	0.09	8.6	62.8
Sub Total	Proven	12.4	58.0	5.6	1.5	0.08	8.7	63.5
Sub Total	Probable	230	57.5	5.5	2.7	0.09	8.5	62.8
Grand Total	All Reserves	242	57.5	5.5	2.6	0.09	8.6	62.9

Note:

This summary table includes DSO reserves calculated by Atlas as at 30 June 2010, and by Ferraus as at May 2011

Bedded ore reserves estimates at cut-off grades in the range of 50-56% Fe

Reserves at Mt Webber are subject to Joint Venture interests in the ratio AGO 70% : AJM 30%

Reserves at Daltons are subject to Joint Venture interests in the ratio AGO 75% : HAO25%

(See Atlas' announcement dated 19 August 2011 for details on the Mt Webber and Daltons reserve estimates)

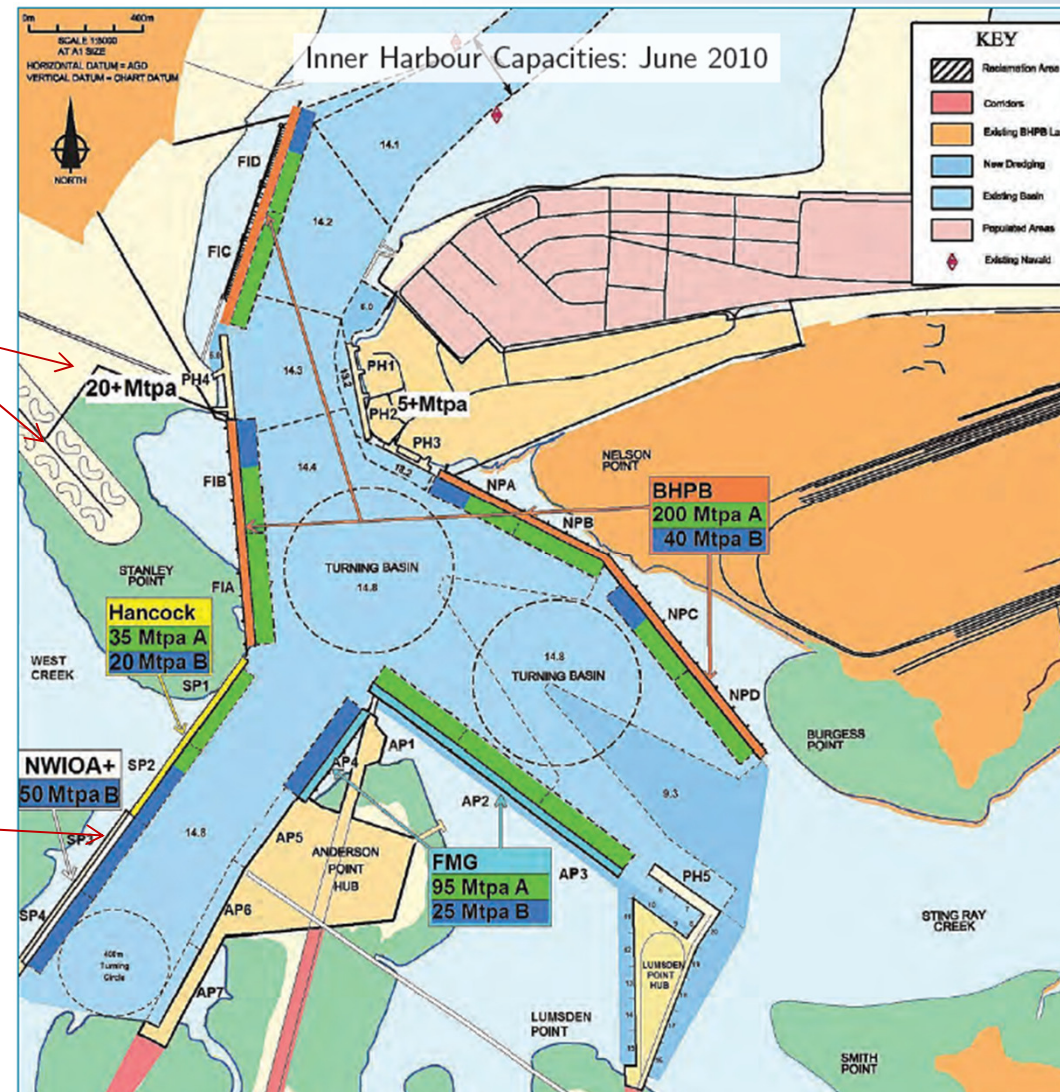


Atlas' port allocation at Port Hedland Port



Atlas – Utah Point
Up to 15Mtpa

Atlas (NWI) –
South West
Creek – Up to
31.5Mtpa



Horizon 1 Capital Expenditure



PHASE	STATUS	TOTAL CAPEX
Phase A – 10Mtpa Export Rate		
Wodgina Mine & Infrastructure Upgrade	Pit expansions underway and infrastructure construction approximately 50% complete	\$252M
Mt Dove Mine Development	Permitting advanced. Construction commencing from June 2012. Board approved	
Abydos Mine Development	Permitting advanced. Construction commencing from May 2012. Board approved	
Sub total – Phase A	Additional 6Mtpa installed plant capacity	\$252M
Phase B – 12Mtpa Export Rate		
Mt Webber Mine Development	Pending Board and environmental approvals. Construction to start in Jan 2013. Ramp up to 6Mtpa installed plant capacity. Atlas owned infrastructure, contractor operated	*\$250M
Off-Highway haul road development – 100km and Utah Point port and Boodarie Link expansions	Grant of tenure for haul road is subject to a Warden's Court process which may impact on the haul road's alignment and cost, and has delayed road construction. Port construction due to commence in May 2012. Port infrastructure capital funding and operations solutions via 3 rd parties	**\$170M
Sub total – Phase B	Additional 6Mtpa installed plant capacity	\$420M
Total Capex – 12Mtpa		\$672M
Less Capex already spent on Phase A		\$42M
Remaining Capex spend		\$630M



Atlas' assets - Atlas' current investments



Strategic Investments – Horizon 3

45.4% of Shaw River Resources (SRR) – Manganese Explorer/Developer

19.85% of Centaurus (CTM) – Brazilian iron ore Explorer/Developer

Other investments

15.0% of U3O8 Ltd (UTO) - Uranium Explorer

10.8% of Zenith Minerals (ZNC) – Au and Base Metals Explorer

9.1% of Carpentaria Exploration Ltd (CAP) – Multi-commodity Explorer

6.0% of Lawson Gold (LSN) – Gold Explorer

3.5% of Gascoyne Resources – Gold Explorer



Atlas DSO Resources & Reserves



Competent Persons Statements

Geological Data, Interpretation and Resource Estimation – DSO Mineral Resources

The information in this report that relates to mineral resource results is based on information compiled by Mr Steve Warner who is a member of the Australasian Institute of Mining and Metallurgy and a full time employee of Atlas Iron Limited. Steve Warner has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he has undertaken to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Steve Warner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Reserve Estimation

The information in this report that relates to Reserve estimations is based on information compiled by Mr Ken Brinsden, who is a member of the Australasian Institute of Mining and Metallurgy. Ken Brinsden is a full time employee of Atlas Iron Limited. Ken Brinsden has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Ken Brinsden consents to the inclusion in the report of the matters based on his information in the form and context in which it appears

