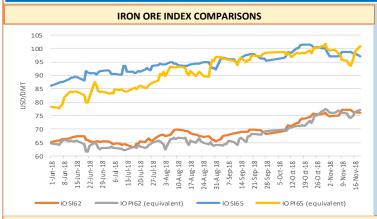


Daily	Iron Ore	Inde	x Repo	ort								No	vembe	r 19, 2	2018
IRON ORE PORT STOCK INDEX (IOPI)															
November	r 19 2018		FOT Q	ingdao (inc	16% VAT),	RMB/wet t	onne			CFR Qingd	ao Equi	valent (exc. 16	% VAT), USD	dry tonne	, 1
ndex	Fe Content	Price	Change	Change %	MTD	YTD²	Low <sup>2</sup>	High <sup>2</sup>	Price	Change	Chan	ge % MTD	YTD²	Low <sup>2</sup>	High <sup>2</sup>
OPI62	62% Fe Fines	599	5	0.8%	591	502	443	603	77.27	0.82	1.1	<b>%</b> 76.08	66.90	75.83	77.89
OPI58	58% Fe Fines	414	2	0.5%	413	355	304	419	52.53	0.67	1.3	<b>%</b> 51.99	46.07	40.67	52.59
OPI65	65% Fe Fines	773	13	1.7%	750	656	541	784	100.81	1.94	2.0	<b>%</b> 97.62	88.12	96.35	101.71
		IRC	N ORE SEA	ABORNE IN	NDEX (IOSI)						M	ARKET COMIV	IENTARY		
November 19 2018 CFR Qingdao, USD/dry tonne Iron ore DCE Futures market diverged from rebar futures. Both the rebar futures and physical markets fell today															
ndex	Fe Content	Price	Change	Change %	MTD	YTD <sup>3</sup>	Low <sup>3</sup>	High <sup>3</sup>	-			oment, iron ore prices s will test iron ore in th		-	nt supply
OSI62	62% Fe Fines	76.20	-0.15	-0.2%	76.06	68.84	63.25	86.20	,						
OSI65	65% Fe Fines	97.00	-1.10	-1.1%	98.02	94.55	86.20	101.50							
						IRON ORE	PORT LI	JMP INDEX	(IOPLI)						
IRON ORE PORT LUMP INDEX (IOPLI)  Week Ending November 16 FOT Qingdao (inc. 16% VAT), RMB/wet tonne CFR Qingdao Equivalent (exc. 16% VAT), USD/dry tonne 1															
ndex	Fe Content	Price	W-o-W	Change %	MTD	YTD <sup>3</sup>	Low <sup>3</sup>	High <sup>3</sup>	Price	W-oW	Chan	ge % MTD	YTD <sup>3</sup>	Low <sup>3</sup>	High <sup>3</sup>
OPLI62	62.5% Fe Lump	789	8	1.0%	769	638	565	789	98.50	0.97	1.0	<u> </u>	82.34	76.63	98.50
<u> </u>								RICE ASSESS					02.01	70.00	30.30
Neek Endi	ing November 1	6 2018	inoi	VOKE DOI	VIESTIC COI			ding tax) 4	JIVILIVIS A	IND COIVIT	OSITE		e (excluding	tov) <sup>4</sup>	
Province	Region	Product		Basis	This week	Change		Low <sup>2</sup>	High <sup>2</sup>	Thi	s week	Change %			High <sup>2</sup>
lebei	Hanxing		oncentrate	Dry	716	0.1%		579	718		03.09	-0.3%	83.:		103.38
Hebei	Qian'an		oncentrate	Dry	815	1.2%		630	815		17.34	0.8%	90.		117.34
Liaoning	Anshan	65% Fe C	oncentrate	Wet	565	1.8%		445	565	8	1.35	1.3%	64.	07	81.35
Shandong	Zibo	65% Fe C	oncentrate	Dry	815	0.0%		620	815	1:	17.34	-0.5%	89.	27	117.34
Week Endi	ing November 1	6, 2018		1	This week	Change	%	Low <sup>5</sup>	High <sup>5</sup>			lied: RMB/USD = 6.94			1
China Mine	es Concentrate (	Composite	Index RMB/	WT	676.26	0.7%		534.50	676.26	4 Weekl	y exchange	rate applied: RMB/US	D 6.9208 <sup>5</sup> Last 12	months	
	IRON O	RE PORT I	NDEX, FOT	QINGDA	O (RMB/WT	Γ)			IRON O	RE SEABO	RNE IN	IDEX, CFR QIN	GDAO (USE	D/DMT)	
850 —								105							
750 —							4	95			~		~_/	<u></u>	
				~~~\						_~~					
650		_~					~	85							
550				~~~				75 ——			~~				
450							_	65							
350			~~~	~~~				55							
250								45							
APT.18	21.18 1.1. May 18 1.18	76 Jun 18	76 Jul 3 7 Jul 3	5 AUE 30 AUE 18	, 580, 78580, 780	29.04.18	Nº	147.78 14	n-18 Jun-18	July a July	NUE'18	AAU8:18 15e018	eping octing	DE:18 HOV:18	204.78
5. 2.	Sig Ting S.	18, 1	10 37 V	iz, 30, 10	x, 50, 70,	3, 3,		7, 72,	<i>γ</i> ω, <i>γ</i> ,	2/1	20 €	W. 1. 57.	45 VS	ν	le <sub>r</sub>
	•	IO PI 62	10	PI 58	O PI 65					-	10	SI62 —— IO	SI65		
			IRC	ON ORE PO	RT STOCK I	INDEX MO	NTHLY. C	QUARTERLY	AND YEAR	R-TO-DATE	AVER	AGES			
November	r 19 2018				c. 16% VAT),			•				ivalent (exc. 16	% VAT), USD,	dry tonne	1
ndex	Fe Content	July	August	September	October	MTD	QTD	YTD²	July	August	Septer	nber October	MTD	QTD	YTD <sup>2</sup>
OPI62	62% Fe Fines	482	505	513	564	591	575	502	64.29	63.41	65.2		76.08	74.03	66.90
OPI58	58% Fe Fines	349	363	385	401	413	406	355	44.14	44.86	45.8		51.99	51.11	46.07
OPI65	65% Fe Fines	638	701	732	760	750	756	656	82.19	85.29	92.1	13 99.05	97.62	98.45	88.12
IROI	N ORE SEABOR	NE INDEX	MONTHLY	, QUARTE	RLY AND Y	EAR-TO-DA	ATE AVER	RAGES				FREIGHT RA	<b>ATES</b>		
Novembe	r 19 2018			CFR Qin	gdao, USD/d	ry tonne			November 1	6, 2018		FREIGHT RA	ATES - DRY BU	LK US\$/wet	tonne
ndex	Fe Content	July	August	September	October	MTD	QTD	YTD <sup>3</sup>	Route	Desi	gnation	Change	Change %	Low 5	High <sup>5</sup>
OSI62	62% Fe Fines	65.09	67.89	68.79	72.31	76.06	73.59	68.84	W. Australia -	Qingdao	C5	6.35 0.26	4.34%	5.109	10.002
OSI65	65% Fe Fines	91.90	94.04	96.48	98.97	98.02	98.65	94.55	Tubarao - Qing	gdao	С3	14.97 0.08	0.52%	12.705	24.76
			IRO	ON ORE PO	ORT LUMP I	NDEX MO	NTHLY, C	QUARTERLY	AND YEAR	-TO-DATE	AVER/	AGES			
Veek Endir	ng November 16		FOT	Qingdao (in	c. 16% VAT),	, RMB/wet	tonne			CFR Qingo	lao Equi	ivalent (exc. 16	% VAT), USD	/dry tonne	, 1
ndex	Fe Content	July	August	Septembe	r October	MTD	QTD	YTD <sup>3</sup>	July	August	Septe	mber Octobei	MTD	QTD	YTD <sup>2</sup>
		-		-					-				95.89		82.34
OPLI62	62.5% Fe Lump	613	652	695	720	769	745	638	78.18	81.74	87.	49 89.65	33.63	92.77	02.34
	.mmipric			695	720		ye 1/5		78.18	81./4	87.		ember		



# **November 19, 2018**





## IRON ORE BRAND SPOT PRICE ASSESMENTS

November 19 2018	PORT STOCK INDEX (RMB/WT)					
	Price	Change	Diff to IOPI62			
Roy Hill	564	3	-35			
SIMEC Fines	521	-2	-78			
PB Fines	580	6	-19			
Newman Fines	592	4	-7			
MAC Fines	565	2	-34			
Jimblebar Blended Fines	516	-1	-83			
Carajas Fines	760	10	161			
Brazilian SSF	602	-2	3			
Brazilian Blend Fines	618	3	19			
RTX Fines	485	-3	-114			

November 19 2018	SEABO	SEABORNE INDEX (USD/DMT)		
	Price	Change	Diff to IOSI62	
Roy Hill	69.67	-0.15	-6.53	
SIMEC Fines	63.20	-0.15	-13.00	
PB Fines	75.05	-0.15	-1.15	
Newman Fines	77.91	-0.15	1.71	
MAC Fines	69.95	-0.15	-6.25	
Jimblebar Blended Fines	61.32	-0.15	-14.88	
Carajas Fines	96.16	-0.15	19.96	
Brazilian SSF	80.26	-0.15	4.06	
Brazilian Blend Fines	81.64	-0.15	5.44	
RTX Fines	65.65	-0.15	-10.55	

KIA FIIIes	403	-3	-114			
November 19 2018	PORT STOCK INDEX (RMB/WT)					
	Price Change Diff to IO					
SSF	363	4	-51			
FMG Blended Fines	415	3	1			
Robe River	437	-9	23			
Western Fines	386	6	-28			
Atlas Fines	364	6	-50			
Yandi	465	4	51			

## IRON ORE INDEX NORMALISATION DIFFERENTIALS

Port Stock Index Product Differentials (RMB/wet tonne)				Seaborne Index Product Differentials (UDS/dry tonne)			
	Applicable range	Value	Change		Applicable range	Value	Change
	High Grade Fe 60 - 63%	13.00	0.00		High Grade Fe 60 - 63%	2.75	0.00
	High Grade Fe 63 - 64%	48.00	0.00	1% Fe	High Grade Fe 63 - 64%	2.25	0.00
1% Fe	High Grade Fe 64 - 65%	48.00	0.00		High Grade Fe 64 - 65%	2.25	0.00
	High Grade Fe 65 - 65.5%	48.00	0.00		High Grade Fe 65 - 65.5%	2.25	0.00
	Low Grade Fe	16.00	0.00				
	High Fe Grade Al <2.25%	44.00	0.00		High Fe Grade Al <2.25%	9.75	0.00
1% Alumina	High Fe Grade Al 2.25-4%	75.00	7.00	1% Alumina	High Fe Grade Al 2.25-4%	0.50	0.00
170 Alullilla	Low Fe Grade Al <2.25%	90.00	0.00				
	Low Fe Grade Al 2.25-4%	15.00	0.00				
	High Fe Grade Si <4%	11.00	3.00		High Fe Grade Si <4%	2.25	0.00
1% Silica	High Fe Grade Si 4-6.5%	26.00	3.00	1% Silica	High Fe Grade Si 4 - 6.5%	3.25	0.00
	Low Fe Grade	15.00	-3.00				
0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>5.00</td><td>0.00</td><td>0.01%</td><td>High Fe Grade 0.09%<p<0.115%< td=""><td>0.50</td><td>0.00</td></p<0.115%<></td></p<0.115%<>	5.00	0.00	0.01%	High Fe Grade 0.09% <p<0.115%< td=""><td>0.50</td><td>0.00</td></p<0.115%<>	0.50	0.00
	High Fe Grade 0.115% <p<0.15%< td=""><td>7.00</td><td>0.00</td><td></td><td>High Fe Grade 0.115%<p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<></td></p<0.15%<>	7.00	0.00		High Fe Grade 0.115% <p<0.15%< td=""><td>2.25</td><td>0.00</td></p<0.15%<>	2.25	0.00
Phosphorus	Low Fe Grade 0.09 <p<0.1%< td=""><td>5.00</td><td>0.00</td><td>Phosphorus</td><td></td><td></td><td></td></p<0.1%<>	5.00	0.00	Phosphorus			

	Port Stock Differentials to Qingdao Port (RMB/wet tonne)												
Port	Value	Change	Port	Value	Change	Port	Value	Change	Port	Value	Change		
Bayuquan	-25.00	0.00	Fangcheng	-5.00	0.00	Lanshan	0.00	0.00	Qingdao	0.00	0.00		
Beilun	5.00	0.00	Jiangyin	-10.00	0.00	Lianyungang	0.00	0.00	Rizhao	0.00	0.00		
Caofeidian	-5.00	0.00	Jingtang	-5.00	0.00	Majishan	0.00	0.00	Shekou	0.00	0.00		
Dalian	-15.00	0.00	Lanqiao	0.00	0.00	Nantong	-10.00	0.00	Tianjin	-15.00	0.00		

www.mmiprices.com

**Page 2/5** 

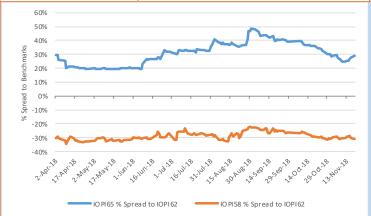
**November 19, 2018** 



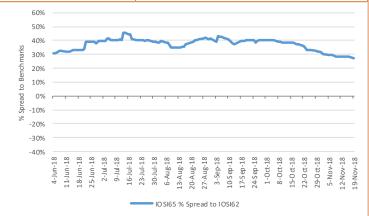
## November 19, 2018

#### IRON ORE INDEX PREMIUMS/DISCOUNTS

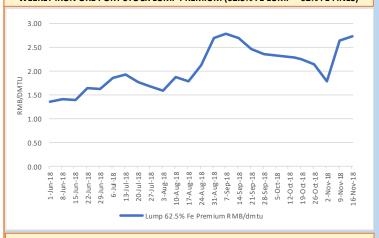
November 19 2018	PORT STOCK II	NDEX (RMB/WT)
Fe Content	Spread to IOPI62	% Spread to IOPI62
58% Fe Fines	-185	-30.88%
65% Fe Fines	174	29.05%

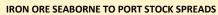


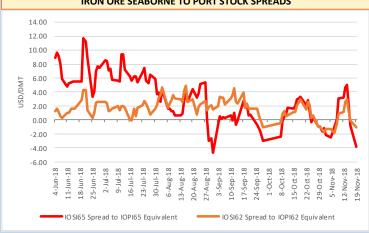
#### 



#### WEEKLY IRON ORE PORT STOCK LUMP PREMIUM (62.5% FE LUMP—62% FE FINES)



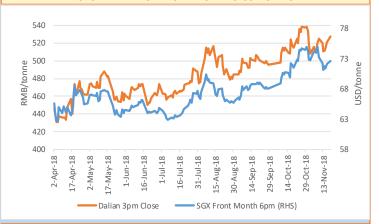




# TOTAL IRON ORE INVENTORIES AT CHINA PORTS



### FUTURE TRADING—FRONT MONTH CLOSING PRICE



IRON ORE PORT INVENTORIES

Week Ending November 16, 2018 (million tonnes)										
Province	This week	Change %	Low <sup>4</sup>	High <sup>4</sup>						
Jingtang	14.00	3.86%	13.47	19.00						
Qingdao	17.50	-1.13%	15.60	19.97						
Caofeidian	19.40	4.30%	16.70	25.30						
Tianjin	9.90	1.02%	8.50	11.00						
Rizhao	15.50	0.00%	14.04	19.00						
Total (35 Ports)	132.06	0.33%	128.70	150.04						

## IRON ORE FUTURES CONTRACTS

	DCE				SGX	
Closing Date	19 Nov 3pm close					
Contract	11901	Change	Change %	Dec'18	Change	Change %
Closing Price	527.5	6.5	1.25%	72.60	0.49	0.68%
Vol traded ('000 lots)	130.39	11.2	9.38%	15.96	4.26	36.46%
Open positions ('000 lots)	70.15	6.6	10.34%	126.68	-2.01	-1.56%
Day Low	514.5	2.5	0.49%	71.97	0.18	0.25%
Day High	530.0	5.0	0.95%	72.81	0.36	0.50%

www.mmiprices.com

Page 3/5

**November 19, 2018** 



# **November 19, 2018**





## **Steel Spot Market Prices - China**

Steel Spot Market RMB/tonne			
Product	16/11/2018	Change	Change %
ReBar HRB400	4,473.0	-129	-2.80%
Wirerod Q300 ¢6.5mm	4,642.0	-130	-2.72%
HRC Q235/SS400 5.5mm*1500*C	3,866.0	-88	-2.23%
CRC SPCC/ST12 1.0mm*1250*2500	4,503.0	-130	-2.81%
Medium & Heavy Plate Q235B 20mm	4,163.0	-97	-2.28%
GI ST02Z 1.0mm*1000*C	4,810.0	-170	-3.41%
Billet Q235 150*150mm	3,640.0	-160	-4.21%



CHINESE STEEL EXPORT PRICES											
China Export Prices USD/tonne											
Product	Specification	Export tax (+)/Vate rebate (-)		Change							
			16/11/2018								
Rebar	BS4449 460B 12-25mm, + chrome	-13%	540	-10							
Wire Rod	SAE1008 6.5-10mm +chrome	-9%	565	-10							
Hot-rolled coil	SS400/Q235 4.0-10.mm	-9%	525	-20							
Cold-rolled coil	SPCC 1.0mm	-13%	575	-20							
Medium & Heavy plate	A-level Shipe plate 12-25mm	0%	565	-15							
Galvanised	ST02Z/SGCC 1.0mm	-13%	625	-25							

Note: Calculation formula for converting export prices of rebar, cold-rolled steel and galvanizing into prices in China's spot market = FOB\* exchange rate\*15/(15-0.5); Calculation formula for converting export prices of wire rod and hot-rolled steel into prices in hina's spot market = FOB\* exchange rate \*15/(15-0.09); Calculation formula for converting export prices of medium-thick plate into prices in China's spot market = FOB\* exchange rate

#### Steel Inventories<sup>3</sup> (unit: 1000 tonnes) 16/11/2018 9/11/2018 **Product** Change Change % Rebar 3,207 3,390 -183 -5.40% Wirerod 1,058 1,028 2.92% 30 Hot-rolled Coil 2,208 2,309 -4.37% -101 Medium & Thick Plate 1,111 1,124 -1.16% Cold-rolled Coil 1,150 1,168 -18 -1.54% Total 8,734 9,018 -3.15%

**CHINESE STEEL INVENTORIES** 

<sup>3</sup> SMM statistics cover inventories of major steel products in China's major markets: hot-rolled steel inventories in 33 major cities; rebar and wire inventories in 35 major cities; cold-rolled steel and medium-thick plate inventories in 31 major cities.

### CHINESE STEEL MILL PROFITABILITY

SMM Tracking of Steel Mill P&L - Rebar and Hot-rolled Coil (RMB/tonne)					
Category	Price	Change (WoW)	Note		
MMi (Fe 62%), USD/mt exluding tax	76.45	0.26	Mmi CFR Equivalent index for 12th October		
Coke	2,611	1	2nd grade met coke, Tangshan, incl. tax		
Steel Scrap	2,340	-70	steel scrap (6mm) in Zhangjiagang, exl. tax		
Billet Cost	3,230	-29	Q234, incl. tax		
Rebar cost - Blast furnace	3,499	-29	calculated based on theoretical weight, incl. tax		
Rebar profit - Blast furnace	801	-171	based on Shanghai prices, incl. tax		
Hot-rolled coil cost - Blast furnace	3,555	-29	based on actual weight, incl. tax		
Hot-rolled coil proft - Blast furnace	265	-51	based on Shanghai prices, incl. tax		

Note: 1 Costs in the table are caluclated based on todays market prices and facout our management, sales, financial and depreciations fees.

 $2. The cost \ refers \ to \ average \ cost \ in \ the \ industry \ based \ on \ SMM's \ survey \ of \ small, medium \ and \ large \ mills \ in \ China$ 

www.mmiprices.com

Page 4/5

**November 19, 2018** 



## November 19, 2018

#### IRON ORE INDEX SPECIFICATIONS. COMPILATION RATIONALE AND DATA EXCLUSIONS

mon one mode at a family comment of the family by the desired									
	Iron Ore	Iron Ore Index Compilation Rational and Data Exclusions							
	65% Fe Fines	62% Fe Fines	58% Fe Fines	62.5% Fe Lump	MMi iron ore indices are compiled from data provided by companies that are part of the iron ore supply chain and involved in spot market transactions. The indices are calculated using detailed transaction-level data submitted to MMi by				
Fe %	65.00	62.00	58.00	62.50					
Alumina %	1.40	2.25	2.25	1.50 these companies. This data is normalised to the appropria		d to the appropriate s	e specifications and		
Silica%	1.50	4.00	5.50	3.50		ve outliers before volume-weighted average prices are se remaining core set of data.			
Phosphorus %	0.06	0.09	0.05	0.08  For more details on MMi's iron ore methodology please downloa		nload the guide			
Sulphur %	0.01	0.02	0.02	0.02		ned on our website at: www.mmiprices.com			
Moisture %	8.00	8.00	9.00	4.00					
			Data Exclusions*						
Cizina	izing		Size below 6.3mm max 15%		62%	58%	65%		
Sizirig			Size above 31.15mm max 25%	Port Index	0	0	0		
Dutation Dates	0:	) / CED CED	<del> </del>	FOT O'mede a Deat	Seaborne index 0			0	
Pricing Point	Qingdao Port (FOT and CFR respectively)		FOT Qingdao Port	Lump Index 62.5	0				
Timing (Seaborne)	Loading within 4 weeks, Delivery within 8 weeks			Delivery within 2 weeks	* Number of price submissions for iron ore indices that were excluded from				
Daymont Torms	ont Torms			I/C at sight or CAD	index calculations today as they were anomalous and could not be verified				

#### IRON ORE DOMESTIC CONCENTRATE INDEX CALCULATION METHODOLOGY

The compilation method for price index generally refers to the compilation method of CPI price index and other price indices, breakdown the price data and calculate the average value according to a certain method, taking the vertical axis as the regional composite index (average of different grade index) and the horizontal axis as the grade composite index (average of different regional index), a total composite index for domestic ore can be output ultimately. The process system is also adopted in the calculation i.e. each sub-index can be obtained as well.

#### AVERAGE IRON ORE SPECIFICATIONS APPLIED FOR BRAND PRICE ASSESSMENTS

PORT STOCK BRANDS					SEABORNE BRANDS						
November 19 2018	9 2018 SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS					SPECIFICATIONS APPLIED FOR 62% BRAND ASSESSMENTS					
	Fe	Alumina	Silica	Phos	Moisture		Fe	Alumina	Silica	Phos	Moisture
Roy Hill	60.76%	2.35%	4.31%	0.060%	8.58%	Roy Hill	60.70%	2.30%	4.90%	0.055%	8.00%
SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%	SIMEC Fines	60.00%	2.30%	6.30%	0.060%	6.00%
PB Fines	61.65%	2.33%	3.57%	0.100%	9.28%	PB Fines 62%	62.00%	2.60%	4.30%	0.090%	10.00%
Newman Fines	62.33%	2.39%	4.07%	0.090%	7.82%	Newman Fines	62.80%	2.20%	4.30%	0.080%	6.40%
MAC Fines	60.72%	2.26%	4.68%	0.090%	7.70%	MAC Fines	61.00%	2.70%	4.70%	0.110%	9.30%
Jimblebar Blended Fines	61.39%	2.82%	4.26%	0.100%	6.76%	Jimblebar Blended Fines	61.79%	2.67%	4.08%	0.115%	7.16%
Carajas Fines	64.78%	1.21%	2.32%	0.080%	8.20%	Carajas Fines	65.10%	1.50%	1.70%	0.080%	8.50%
Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%	Brazilian SSF	62.00%	1.00%	6.50%	0.040%	6.00%
Brazilian Blend Fines	62.74%	1.52%	4.80%	0.060%	8.35%	Brazilian Blend Fines	62.50%	1.50%	5.00%	0.070%	7.00%
RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%	RTX Fines	61.00%	3.10%	4.50%	0.135%	7.50%
November 19 2018 SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS											

November 19 2018	SPECIFICATIONS APPLIED FOR 58% BRAND ASSESSMENTS						
	Fe	Alumina	Silica	Phos	Moisture		
SSF	56.44%	2.99%	6.32%	0.050%	9.54%		
FMG Blended Fines	58.34%	2.77%	5.83%	0.070%	7.14%		
Robe River	56.63%	2.88%	1.85%	0.040%	9.09%		
Western Fines	57.57%	2.86%	6.73%	0.060%	7.58%		
Atlas Fines	56.59%	2.55%	7.14%	0.080%	8.46%		
Yandi	57.13%	1.38%	6.34%	0.030%	9.21%		

### **BLOOMBERG TICKERS**

PORT STOCK INDICES					
	FOT Qingdao (RMB/wet tonne)	CFR Qingdao Equivalent (USD/dry tonne)			
IOPI62	IRCNQ001	IRCNQ004			
IOPI58	IRCNQ002	IRCNQ005			
IOPI65	IRCNQ003	IRCNQ006			

#### CONTACT US

MMI Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7629 E: jarek@mmiprices.com

SMM Singapore Office Details: Level 28, Manulife Tower, 8 Cross Street Singapore. Tel: + 65 6850 7630 E: service.en@smm.cn

SMM Shanghai Office Details: 9th FL, Building 9, Lujiazui Software Park, No.20, Lane 91, Pudong, Shanghai Tel: +86 021 5155 0306 E: service.en@smm.cn

Visit <u>www.mmiprices.com</u> for full index price histories and archive of daily reports

This information has been prepared by Metals Market Index ("MMI"). Use of the information presented here is at your sole risk, and any content, material and/or data presented or otherwise obtained through your use of the information in this document is at your own discretion and risk and you will be solely responsible for any damage to you personally or your company or organisation or business associates whatsoever which in anyway results from the use, reliance or application of such content material and/or information. Certain data has been obtained from various sources and any copyright existing in such data shall remain the property of the source. Except for the foregoing, MMI retains all copyright within this document. The copying or redistribution of any part of this document without the express written authority of MMI is forbidden.

www.mmiprices.com Page 5/5 November 19, 2018