Shyam Metalics and Energy | BUY

Niche business segments to drive earnings

Shyam Metalics (SMEL) reported EBITDA of INR4.4bn, higher than JMfe of INR4bn. EBITDA/ton stood at INR6.4k for 4QFY24, vs INR6.3k/t in 3Q. Sequentially higher realisations helped sustain margins despit the raw material inflation. Coompany witnessed a ~7% increase in volumes QoQ driven by improved demand scenario. Further, SMEL's strategy to foray into niche business segments - Aluminium foil, stainless steel TMT and colour coated sheets will offer growth optionality, besides improving SMEL's margin profile. Shyam Metalics offers a unique play in the Indian metals space, with a combination of a) increasing contribution from finished steel and valued added segments and b) diversified business across the steel value chain. The company has executed capacity expansion plans with precision over the past few years. Capital allocation towards niche business segments augur well for the company. Maintain BUY.

- Volume growth coupled with realisation increase: Consol. revenue stood at INR36bn (up~9% QoQ), led by higher volumes and higher realisations in stainless steel & pellets. SMEL reported consol. EBITDA of INR4.4bn vs INR4bn in 3Q primarily on account of higher realisations and improved volumes. Volumes stood at 0.69mn tons in 4Q vs 0.65mn tons in 3Q. EBITDA/ton stood at INR6.4k/t for 4QFY24 vs INR6.3k/t in 3QFY24. The Company reported consol. Adj. PAT of INR2.2bn during the quarter, up significantly on lower depreciation during the quarter.
- Fundraising through QIP route: Company had raised ~INR13.9bn through QIP during Jan'24 against total bid amount of ~INR41bn. Company issued ~24.1mn shares to 38 QIB's at issue price of INR576 per share (premium of INR566 per share) and same has been used to repay working capital loan. Company had net cash position of ~INR12bn post QIP as at last quarter end.
- SMEL progressing well on capex plans: SMEL continues to progress well on planned capex spends. The capex plan will help increase upstream capacities by 5.2mtpa at a cost of INR12.2bn. This includes a 3mtpa increase in pellet capacity (INR3bn), 0.5mtpa increase in billet capacity for flat products (INR2bn), 0.4mtpa billet capacity for parallel flange beam (INR1.1bn), 0.1mtpa stainless steel billet capacity (INR1.3bn) and 1.2mtpa DRI capacity (INR4bn). Downstream capacities are expected to increase by 1.8mtpa at a cost of INR15.9bn. This includes 0.2mtpa CRM for stainless steel (INR1.5bn), 0.6mtpa DI pipe capacity (INR6bn), 0.5mtpa capacity for hot flat products (INR5.5bn), 0.4mtpa capacity for parallel flange beam (INR2.4bn) and 0.1mtpa capacity for Steel Wire Drawing (INR0.5bn). Further, the company will also incur a capex of INR12.6bn towards enhancing captive power generation by addition of 240 MW of power generation in captive power plant and increasing renewable energy portfolio by 100MW.



Ashutosh Somani ashutosh.somani@jmfl.com | Tel: (91 22) 66303083

Recommendation and Price Target	
Current Reco.	BUY
Previous Reco.	BUY
Current Price Target (12M)	762
Upside/(Downside)	26%
Previous Price Target	725
Change	5.1%

Key Data – SHYAMMET IN	
Current Market Price	INR604
Market cap (bn)	INR168.6/US\$2.0
Free Float	31%
Shares in issue (mn)	278.0
Diluted share (mn)	279.1
3-mon avg daily val (mn)	INR450.8/US\$5.4
52-week range	772/292
Sensex/Nifty	73,105/22,218
INR/US\$	83.5

Price Performance			
%	1M	6M	12M
Absolute	-2.3	27.7	99.3
Relative*	-1.9	14.7	70.0

* To the BSE Sensex

Financial Summary					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Sales	1,03,940	1,26,102	1,31,952	2,09,919	2,37,873
Sales Growth (%)	65.1	21.3	4.6	59.1	13.3
EBITDA	25,997	14,859	15,700	33,282	43,121
EBITDA Margin (%)	25.0	11.8	11.9	15.9	18.1
Adjusted Net Profit	17,245	8,576	10,348	17,923	23,565
Diluted EPS (INR)	61.8	30.7	37.2	64.5	84.8
Diluted EPS Growth (%)	104.5	-50.3	20.7	73.2	31.5
ROIC (%)	37.2	13.5	11.8	16.9	19.6
ROE (%)	36.4	13.2	12.3	17.1	18.9
P/E (x)	9.8	19.7	16.2	9.4	7.1
P/B (x)	2.9	2.4	1.7	1.5	1.2
EV/EBITDA (x)	6.4	11.3	10.7	5.0	3.6
Dividend Yield (%)	0.0	0.0	0.6	0.6	0.6

Source: Company data, JM Financial. Note: Valuations as of 14/May/2024

JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters, S&P Capital IQ, FactSet and Visible Alpha

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

Exhibit 1. Consolidated –	quarterly fi	nancial pe	rformance	е			(INR mn)
Y/E March (INR mn)	4QFY24A	4QFY24E	% Var	4QFY23	YoY %	3QFY24	QoQ %
Net Sales	36,062	36,272	-0.6	33,801	6.7	33,153	8.8
Volumes (mn tons)	0.69	0.71	(2.8)	0.52		0.65	6.9
Realizations	52,264	51,087	2.3	64,938		51,387	1.7
Raw material cost	25,968	26,625	-2.5	24,272	7.0	23,879	8.7
RM costs/t	37,635	37,500	0.4	46,630		37,012	1.7
Gross profit	10,094	9,647	4.6	9,529	5.9	9,274	8.8
Gross margin (%)	28.0	26.6	5.2	28.2	(0.7)	28.0	0.1
Gross margin/t	14,629	13,587		18,308		14,374	
Staff costs	993	1,123	-11.5	976	1.8	1,028	-3.4
Staff costs/t	1,439	1,581	-9.0	1,874		1,594	-9.7
Other costs	4,684	4,555	2.8	4,419	6.0	4,172	12.3
Other costs/t	6,788	6,415	5.8	8,490		6,466	5.0
Total expenditure	31,645	32,303	-2.0	29,666	6.7	29,079	8.8
EBITDA	4,417	3,969	11.3	4,135	6.8	4,074	8.4
EBITDA/ton (Rs/ton)	6,401	5,590		7,943		6,314	
EBITDA margin (%)	12.2	10.9		12.2		12.3	
Other income	510	360		309		399	
Depreciation	1,394	1,850	-24.7	1,259	10.7	1,821	-23.5
EBIT	3,534	2,479		3,184		2,652	
Interest	216	395	-45.4	386	-44.2	396	-45.6
Income (loss) from associates	(34)	15		23		15	
PBT	3,285	2,099		2,822		2,271	
Tax	1,119	563		210		998	
Eff. Tax rate (%)	34.1	26.8		7.4		44.0	
XO items	-	-		-		-	
Reported PAT	2,165	1,536		2,612		1,273	
Adjusted PAT	2,199	1,521	44.6	2,589	-16.3	1,258	72.2
EPS((Rs)	8.5	6.0		10.1		4.9	

Source: Company, JM Financial

Exhibit 2. Standalone – quarterly financial performance (INR r						
Y/E March	4QFY24	3QFY23	YoY %	3QFY24	QoQ %	
Net Sales	17,589	16,008	9.9	17,641	-0.3	
Expenditure	15,819	15,166	4.3	15,994	-1.1	
Raw materials	13,513	12,575	7.5	13,603	-0.7	
Staff Cost	497	460	8.0	550	-9.7	
EBITDA	1,770	843	110.0	1,647	7.5	
EBITDA margin (%)		5.3		9.3		
Other income	367	251		235		
Depreciation	552	644	-14.3	591	-6.6	
EBIT	1,585	449		1,291		
Interest	99	146	-32.3	176	-43.8	
PBT	1,486	303		1,115		
Tax	383	63		315		
Eff. Tax rate (%)	25.8	20.8		28.2		
XO items	-	-		-		
PAT	1,103	240	359.2	800	37.8	
Adjusted PAT	1,103	240	359.2	800	37.8	
EPS (Rs)	4.3	0.9		3.1		

Source: Company

Exhibit 3. Target price		(INR mn)
(INR mn)	Multiple (x)	FY26E EBITDA
EBITDA	4.5	43,121
Total EV		194,044
Less: Net Debt		(17,787)
Equity value		211,831
No of shares (mn)		278
Fair value (INR/share)		760

Source: JM Financial

Financial Tables (Consolidated)

Income Statement					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Sales	1,03,940	1,26,102	1,31,952	2,09,919	2,37,873
Sales Growth	65.1%	21.3%	4.6%	59.1%	13.3%
Other Operating Income	0	0	0	0	0
Total Revenue	1,03,940	1,26,102	1,31,952	2,09,919	2,37,873
Cost of Goods Sold/Op. Exp	62,264	89,193	1,02,801	1,36,423	1,49,337
Personnel Cost	2,721	3,339	5,115	7,347	8,326
Other Expenses	12,957	18,711	8,336	32,867	37,089
EBITDA	25,997	14,859	15,700	33,282	43,121
EBITDA Margin	25.0%	11.8%	11.9%	15.9%	18.1%
EBITDA Growth	86.5%	-42.8%	5.7%	112.0%	29.6%
Depn. & Amort.	2,724	4,631	6,560	8,562	10,902
EBIT	23,273	10,228	9,140	24,719	32,218
Other Income	600	1,120	1,590	750	600
Finance Cost	232	931	1,333	577	89
PBT before Excep. & Forex	23,642	10,417	9,397	24,893	32,729
Excep. & Forex Inc./Loss(-)	0	0	0	0	0
PBT	23,642	10,417	9,397	24,893	32,729
Taxes	6,402	1,934	-892	6,970	9,164
Extraordinary Inc./Loss(-)	0	0	0	0	0
Assoc. Profit/Min. Int.(-)	-2	-91	-57	0	0
Reported Net Profit	17,245	8,576	10,348	17,923	23,565
Adjusted Net Profit	17,245	8,576	10,348	17,923	23,565
Net Margin	16.6%	6.8%	7.8%	8.5%	9.9%
Diluted Share Cap. (mn)	279.1	279.1	278.0	278.0	278.0
Diluted EPS (INR)	61.8	30.7	37.2	64.5	84.8
Diluted EPS Growth	104.5%	-50.3%	20.7%	73.2%	31.5%
Total Dividend + Tax	0	0	1,005	1,005	1,005
Dividend Per Share (INR)	0.0	0.0	3.6	3.6	3.6

Balance Sheet					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Shareholders' Fund	58,347	71,625	96,467	1,13,385	1,35,945
Share Capital	2,551	2,551	2,780	2,780	2,780
Reserves & Surplus	55,796	69,074	93,686	1,10,604	1,33,164
Preference Share Capital	0	0	0	0	0
Minority Interest	40	3,856	6,713	6,713	6,713
Total Loans	7,558	11,923	5,874	8,874	1,374
Def. Tax Liab. / Assets (-)	1,073	712	914	914	914
Total - Equity & Liab.	67,017	88,116	1,09,969	1,29,886	1,44,946
Net Fixed Assets	32,229	57,150	76,631	94,168	99,266
Gross Fixed Assets	41,404	50,949	67,039	95,139	1,21,139
Intangible Assets	0	0	0	0	0
Less: Depn. & Amort.	16,858	21,489	28,049	36,612	47,514
Capital WIP	7,683	27,689	37,641	35,641	25,641
Investments	10,359	14,631	10,091	12,528	12,528
Current Assets	41,662	40,106	47,155	59,067	70,519
Inventories	20,570	22,051	21,679	32,207	37,799
Sundry Debtors	3,761	6,042	7,079	7,189	8,472
Cash & Bank Balances	3,259	1,719	505	4,143	6,652
Loans & Advances	14,072	10,294	17,893	15,528	17,596
Other Current Assets	0	0	0	0	0
Current Liab. & Prov.	17,233	23,771	23,908	35,877	37,366
Current Liabilities	16,795	23,552	23,689	35,658	37,147
Provisions & Others	438	219	219	219	219
Net Current Assets	24,429	16,335	23,247	23,190	33,153
Total – Assets	67,017	88,116	1,09,969	1,29,886	1,44,946
Source: Company, JM Financial					

Source: Company, JM Financial

Cash Flow Statement				((INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Profit before Tax	23,643	10,418	9,398	24,893	32,729
Depn. & Amort.	2,724	4,631	6,560	8,562	10,902
Net Interest Exp. / Inc. (-)	0	0	0	0	0
Inc (-) / Dec in WCap.	-3,245	2,154	-8,126	3,695	-7,453
Others	4	92	58	0	0
Taxes Paid	-6,402	-1,934	892	-6,970	-9,164
Operating Cash Flow	16,724	15,361	8,782	30,180	27,014
Capex	-10,767	-15,782	-22,541	-26,100	-16,000
Free Cash Flow	5,957	-421	-13,759	4,080	11,014
Inc (-) / Dec in Investments	-7,541	-4,272	4,540	-2,437	0
Others	-2,460	-1,213	362	0	0
Investing Cash Flow	-20,768	-21,266	-17,639	-28,537	-16,000
Inc / Dec (-) in Capital	6,598	0	13,843	0	0
Dividend + Tax thereon	0	0	-1,006	-1,005	-1,005
Inc / Dec (-) in Loans	-2,533	4,365	-6,048	3,000	-7,500
Others	0	0	0	0	0
Financing Cash Flow	4,065	4,365	6,789	1,995	-8,505
Inc / Dec (-) in Cash	21	-1,540	-2,068	3,638	2,509
Opening Cash Balance	3,238	3,259	1,719	-349	3,289
Closing Cash Balance	3,259	1,719	-349	3,289	5,798

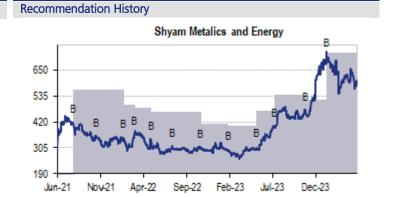
Dupont Analysis					
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Margin	16.6%	6.8%	7.8%	8.5%	9.9%
Asset Turnover (x)	1.9	1.6	1.3	1.8	1.7
Leverage Factor (x)	1.2	1.2	1.2	1.1	1.1
RoE	36.4%	13.2%	12.3%	17.1%	18.9%

Key Ratios					
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
BV/Share (INR)	209.0	256.6	347.0	407.8	488.9
ROIC	37.2%	13.5%	11.8%	16.9%	19.6%
ROE	36.4%	13.2%	12.3%	17.1%	18.9%
Net Debt/Equity (x)	0.0	-0.1	-0.1	-0.1	-0.1
P/E (x)	9.8	19.7	16.2	9.4	7.1
P/B (x)	2.9	2.4	1.7	1.5	1.2
EV/EBITDA (x)	6.4	11.3	10.7	5.0	3.6
EV/Sales (x)	1.6	1.3	1.3	0.8	0.7
Debtor days	13	17	20	13	13
Inventory days	72	64	60	56	58
Creditor days	79	77	74	74	70

Source: Company, JM Financial

Source: Company, JM Financial

_						
	History of Recommendation and Target Price					
	Date	Recommendation	Target Price	% Chg.		
	19-Aug-21	Buy	560			
	9-Nov-21	Buy	560	0.0		
	11-Feb-22	Buy	495	-11.6		
	22-Mar-22	Buy	480	-3.0		
	19-May-22	Buy	463	-3.5		
	3-Aug-22	Buy	463	0.0		
	10-Nov-22	Buy	410	-11.4		
	16-Feb-23	Buy	400	-2.4		
	26-May-23	Buy	470	17.4		
	28-Jul-23	Buy	540	15.0		
	16-Nov-23	Buy	520	-3.8		
	31-Jan-24	Buy	725	39.4		



APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: sahil.salastekar@jmfl.com

Grievance officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: instcompliance@jmfl.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Definition of	Definition of ratings		
Rating	Meaning		
Buy	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.		
Hold	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.		
Sell	Price expected to move downwards by more than 10% from the current market price over the next twelve months.		

^{*} REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research

Important Disclosures

report.

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed or intended for distribution to, or use by any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 28th Floor, Office No. 2821, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential lo