

Canaccord Genuit

**Australian Equity Research** 31 July 2024

## Peninsula Energy Limited Specialty Minerals and Metals

James Bullen | Analyst | Canaccord Genuity (Australia) Ltd. | jbullen@cgf.com | +61.2.9263.2728

# Rating SPECULATIVE BUY unchanged

Price Target **A\$0.20** unchanged Company Update

PEN-ASX

Price **A\$0.10** 

#### **Market Data**

52-Week Range (A\$):	0.07 - 0.14
Avg Daily Vol (000s) :	13
Avg Daily Vol (M) :	6.3
Market Cap (A\$M):	311.7
Shares Out. (M) :	3,117.1
Dividend /Shr (US\$):	0.00
Dividend Yield (%) :	0.0
Enterprise Value (A\$M):	218.9
NAV /Shr :	0.20
P/NAV (x) (A\$):	0.49

FYE Jun	2023A	2024E	2025E	2026E
Sales (US\$M)	40.4	0.0	20.1	84.8
EBITDA (US\$M)	(4.4)	(3.9)	8.3	42.7
0.15				
0.14		/		
0.13	71 11	-11		
0.12	<b>\</b>	A.I.	V\	٨
0.11	AIA N	, /W ∧	』, /५	AAA
0.1	V [VW]	A mon	War	
0.09	more	4.		
0.08				
0.07		! ! !	<u> </u>	
Aug-23 Sep-23 Oct-23	Nov-23	Jan-24 Feb-24 Mar-24	Apr-24 May-24	Jun-24 - Jul-24 -
	N O	Ja Re Fe	A R	7 1
PEN.AU S&P/ASX	All Ordinar	ies (rebase	d)	

Priced intraday 25 July 2024

Source: FactSet

Peninsula Energy is a uranium focused development company which is seeking to restart the Lance Uranium Projects in the Powder River Basin in Wyoming, US.

Canaccord Genuity (Australia) Limited and affiliates ("Canaccord") has previously managed or co-managed a public offering of securities in Peninsula Energy Limited in the previous 12 months.

## Lance update brings guidance in line with CGe

Six days after its quarterly PEN has provided the market with an incremental update on progress at the Lance Uranium Project (LUP) restart. While overall construction activities have progressed as scheduled the company has changed its language and CY25 guidance. These revisions bring PEN in line with our forecasts, which were below market.

We retain our estimates, price target of \$0.20 and SPEC BUY rating.

#### Revised guidance

PEN had previously communicated that it was expecting first production late in CY24, in the current release it discusses uranium recovery operations commencing in late CY24. We doubt this means first drummed uranium and continue to forecast first production in late MarQ'25.

Post completion of an updated wellfield designs for MU-3 and incorporation of development drilling data PEN has lowered its CY25 guidance to 0.7-0.9Mlbs (prior 1.1Mlbs). We currently sit at the very bottom end of this guidance (0.7Mlb).

In order to capitalise on what we believe will be a strong 2H CY24 and close the gap with its peer group the company clearly need to: 1) achieve this revised guidance; and 2) improve communication with the market.

#### Funded to positive operating cash flow

PEN has reiterated that post its A\$106mn capital raising it is fully funded to SepQ'25, predicated on its revised budget. Assuming the company ramps up production in line with its updated guidance, we estimate PEN should be free cash flow positive by this point. Additionally, the company continues to work with its advisors to explore debt options which could support working capital requirements and balance sheet flexibility. This includes ongoing discussions with US government funding agencies.

Available cash at the end of the quarter was US\$99.9mn and total Lance spend over the past 12 months was US\$33mn (excl. G&A).



Figure 1: Financial summary

FY Jun 30	2022	2023	2024E	2025E	2026E		2022	2023E	2024E	2025E	2026E
PROFIT & LOSS (US\$mn)											
Revenue	18.3	40.4	0.0	20.1	84.8	KEY ASSUMPTIONS					
Operational Costs	0.0	0.0	0.0	-5.8	-29.5	Spot U3O8 (US\$/lb)	49.8	50.5	75.0	87.5	91.4
Royalty	0.0	0.0	0.0	-2.0	-8.6	A\$/US\$	0.72	0.69	0.68	0.68	0.68
Other COGS	-15.2	-38.6	0.0	0.0	0.0	14, 554					
Other Income	0.6	0.1	0.3	0.3	0.3	REALISED PRICES					
Business Devt & Expl	0.0	0.0	-2.0	-2.0	-2.0	U3O8 (US\$/lb)	0.0	0.0	0.0	90.0	75.5
Corporate & Other	-9.5	-6.4	-2.2	-2.2	-2.3	(334,12)	0.0	0.0	0.0	00.0	. 0.0
EBITDA	-5.8	-4.4	-3.9	8.3	42.7	PRODUCTION FORECASTS					
DD&A	0.0	0.0	0.0	1.9	0.0	U3O8 (klbs)	0.0	0.0	0.0	223.2	1123.2
EBIT	<b>-5.8</b>	-4.4	-3.9	10.3	<b>42.8</b>	Total (klbs)	0.0	0.0	0.0		1123.2
	0.0	0.0	0.7	1.2	-2.4	10101 (1000)	0.0	0.0	0.0	LLU.L	1120.2
Net Financing		<b>-4.4</b>				DESCUIDCES					
NPBT	-5.8		-3.2	11.5	40.4	RESOURCES		2.0			
Tax	1.3	0.9	0.4	-3.5	-12.1	Lance Measured (Mlbs)		3.8			
Reported NPAT	-4.5	-3.5	-2.7	8.1	28.3	Lance Indicated (MIbs)		12.4			
Non-Controlling Interest	0.0	0.0	0.0	0.0	0.0	Lance Inferred (MIbs)		41.7			
Sig Items, Discon Ops & Mins	0.0	0.0	0.0	0.0	0.0	Total (Mlbs)		57.9			
Normalised NPAT	-4.5	-3.5	-2.7	8.1	28.3						
Effective income tax rate	22%	21%	14%	30%	30%	PER SHARE DATA					
						Average Shares (Diluted, M)	954	1260	2620	3117	3117
CASHFLOW (US\$mn)						EOP Shares (Diluted, mn)	997	2057	3117	3117	3117
Cash receipts	32.6	42.2	0.0	20.1	84.8	Normalised EPS (US¢/sh)	-0.5	-0.3	-0.1	0.3	0.9
Payments to suppliers	-20.8	-29.2	-4.2	-12.0	-42.4	CF PS (US¢/sh)	0.2	0.4	-0.1	-0.7	1.6
Interest received	0.0	0.0	0.7	1.2	0.2	FCF PS (US¢/sh)	0.1	-0.6	-1.3	-3.0	1.3
Interest paid	0.0	0.0	0.7	1.2	-2.4						
Other	-9.8	-7.9	0.0	-33.1	10.3	RATIOS					
Operating Cashflow	2.0	5.0	-2.8	-22.5	50.6	Dividend Yield	0%	0%	0%	0%	0%
Payments for PP&E	0.0	0.0	0.0	0.0	0.0	PE	n/a	n/a	n/a	38.7	11.0
Payments for Development	-1.0	-12.0	-31.4	-71.2	-8.9	PCF (Debt Adj)	46.6	25.0	n/a	n/a	6.0
Payments for Exploration	0.0	0.0	0.0	0.0	0.0	EV / EBITDA	n/a	n/a	n/a	38	6
Asset Sales / (Purchases)	0.0	0.0	0.0	0.0	0.0	Gearing (ND / ND + E)	n/a	n/a	n/a	1%	n/a
Other	0.0	-0.2	-0.5	-0.5	-0.5	Net Debt / EBITDA	n/a	n/a	n/a	n/a	n/a
Investing Cashflow	-1.0	-12.2	-31.9	-71.7	-9.4	Interest Cover	-1945x	0.0x	0.0x	0.0x	18.0x
Share Issuance / (Buyback)	0.0		106.0	0.0	0.0	ROE (Reported Profit / Av Equity)	n/a	n/a	n/a	5%	15%
Drawdown / (Repayment) of Debt	0.0	0.0	0.0	33.5	0.0	ROIC	n/a	n/a	n/a	5%	16%
Dividends	0.0	0.0	0.0	0.0	0.0	ROACE	n/a	n/a	n/a	4%	12%
Other	-0.1	-1.1	0.0	0.0	0.0	FCF Yield	1%		-19.6%		19.4%
Financing Cashflow	-0.1	21.1	106.0	33.5	0.0						
Surplus / Defecit	0.9	13.9	71.3	-60.7	41.2	DIVIDEND AND FRANKING					
Carpido / Dolock	0.0	.0.0		00		Dividend (US¢/sh)	0	0	0	0	0
BALANCE SHEET (US\$mn)						Payout ratio	0%	0%	0%	0%	0%
Current Assets	29.6	35.2	92.8	35.1	81.0	Franking Balance (US\$mn)	0	0	0 / 0	0 /0	070
Non-Current Assets	58.6		106.2			Tranking Balance (OO\$min)	U	O	O	U	O
Total Assets		110.0	199.0			VALUATION (A\$)	Risked				
Current Liabilities	<b>88.2</b> 1.5	4.0	4.0	<b>214.4</b> 4.0	<b>269.3</b> 4.0	VALUATION (A\$) PRODUCTION ASSETS	0.00				
Non-Current Liabilities	13.2	14.9	14.9	48.4	48.4	DEVELOPMENT ASSETS	0.12				
Total Liabilities	14.7	18.9	18.9	52.4	52.4	RESOURCES	0.02				
Not Assets	<b></b>	01.1	400.4	400 (	046.5	EXPLORATION	0.00				
Net Assets	73.4		180.1	162.1	216.9	EV adjustments	0.05				
Total Cash	7.6	21.5	92.8	32.1	73.2	TOTAL	0.20				
Total Debt	0.0	0.0	0.0	33.5	33.5	PREMIUM/(DISCOUNT)	0.0				
Net Debt	-7.6	-21.5	-92.8	1.4	-39.8	PRICE TARGET	0.20				

Source: Company reports, Canaccord Genuity estimates



Figure 2: Valuation build-up

Asset	Equity	Net Capacity	NPV	Risking	Risked NPV		
	%	klb	A\$mn	%	A\$mn	A\$ps	
Existing contracts pre Lar	nce start-up		0.0	100%	0.0	0.00	
PRODUCTION ASSETS		0.00	0.0	100%	0.0	0.00	
Lance	100%	Variable	423.8	90%	381.4	0.12	
DEVELOPMENT ASSETS			423.8		381.4	0.12	
Barber Resource	100%		146.8	50%	73.4	0.02	
RESOURCES			146.8		73.4	0.02	
Other exploration					10.0	0.00	
EXPLORATION					10.0	0.00	
Net Debt, Balance sheet a	adj. & corp.	overhead			143.1	0.0	
Premium / (Discount) Price Target						0.00	

Source: Canaccord Genuity estimates



Figure 3: Uranium comp table

Company Data					Project Data					Project Metrics		Global Metrics		Multiples						
Name	Ticker	Share Price	Target Price	Rating	Cash+ Inventory (US\$M)	M/Cap (US\$M)	EV (US\$M)	Flagship Asset	Country	Deposit type	Production	AISC (US\$/Ib)	Initial capex (US\$m)	Capital Intensity (\$/lb production)	Project Resource (Mlb)	Project Grade (ppm)		Global Att. Production (Mlb p.a.)	EV/Resourc e (US\$/lb)	P/NAV
Lotus Resources Limited	LOT	0.28	0.54	Spec Buy	\$25	\$342	\$317	Kayelekera	Malawi	OP	2	38	88	44	46	500	162	1.7	\$2.0	0.52
Paladin Energy Ltd	PDN	11.78	16.50	BUY	\$50	\$2,248	\$2,223	Langer Heinrich	Namibia	OP	6	33	125	21	128	415	414	4.5	\$5.4	0.71
Boss Energy Limited	BOE	3.59	5.85	Spec Buy	\$177	\$963	\$786	Honeymoon	Australia	ISR	2	26	113	46	72	620	78	2.9	\$10.1	0.61
Peninsula Energy Limited	PEN	0.11	0.20	Spec Buy	\$180	\$211	\$31	Lance	USA	ISR	2	42	53	23	58	500	65	2.3	\$0.5	0.53
Bannerman Energy Ltd	BMN	2.87	4.65	Spec Buy	\$21	\$316	\$295	Etango-8	Namibia	OP	4	38	317	91	207	225	196	3.3	\$1.5	0.62
Energy Resources of Australia	ERA	0.04	NA	NA	\$112	\$527	\$415	Jabiluka	Australia	OP	NA	NA	NA	-	137	550	137	0.0	\$3.0	NA
Fission Uranium Corp.	FCU	1.11	1.75	Spec Buy	\$107	\$678	\$571	PLS Project	Canada	UG	9	20	837	92	130	18407	130	9.1	\$4.4	0.63
NexGen Energy Ltd.	NXE	8.68	14.00	Spec Buy	\$684	\$3,398	\$2,841	Rook I Project	Canada	UG	29	11	942	33	337	25500	337	28.8	\$8.4	0.62
Denison Mines Corp.	DML	2.62	3.75	Spec Buy	\$95	\$1,695	\$1,600	Wheeler River (Phoenix)	Canada	ISR	8	16	887	115	138	29000	167	8.6	\$9.6	0.70
Forsys Metals Corp.	FSY	0.55	NA	NA	\$7	\$78	\$70	Norasa	Namibia	OP	5	41	433	83	88	111	88	5.2	\$0.8	NA
Deep Yellow Limited	DYL	1.21	1.92	Spec Buy	\$155	\$741	\$586	Tumas	Namibia	OP	4	39	372	103	121	260	425	6.9	\$1.4	0.63
Alligator Energy Ltd	AGE	0.05	NA	NA	\$22	\$107	\$86	Samphire	Australia	ISR	1	33	86	72	18	640	18	1.2	\$4.7	NA
Aura Energy Ltd	AEE	0.13	NA	NA	\$17	\$64	\$46	Tiris	Mauritania	OP	2	29	178	89	91	225	78	1.7	\$0.6	NA
Elevate Uranium Ltd	EL8	0.35	NA	NA	\$9	\$66	\$57	Koppies	Namibia	OP	NA	NA	NA	-	58	195	152	0.0	\$0.4	NA
ENRG Elements Ltd	EEL	0.00	NA	NA	\$1	\$1	\$0	Agadez	Niger	OP	NA	NA	NA	-	22	315	22	0.0	\$0.0	NA
Global Uranium and Enrichmer	GUE	0.07	NA	NA	\$4	\$11	\$7	Tallahassee	USA	OP/UG	NA	NA	NA	-	50	540	50	0.0	\$0.1	NA
Toro Energy Limited	TOE	0.33	NA	NA	\$8	\$25	\$17	Wiluna	Australia	OP	1	31	204	157	84	461	95	1.3	\$0.2	NA
Basin Energy Limited	BSN	0.06	NA	NA	\$3	\$4	\$1	Geike	Canada	OP	NA	NA	NA	-	NA	NA	0	0.0	NA	NA
Berkeley Energia Limited	BKY	0.35	NA	NA	\$51	\$103	\$52	Salamanca	Spain	OP	4	13	96	22	89	487	89	4.4	\$0.6	NA
Cauldron Energy Limited	CXU	0.03	NA	NA	\$2	\$20	\$18	Yanrey	WA	ISR	2	36	82	55	39	360	39	1.5	\$0.5	NA
DevEx Resources Ltd	DEV	0.26	NA	NA	\$13	\$76	\$63	Nabarlek	Australia	NA	NA	NA	NA	-	NA	NA	0	0.0	NA	NA
Laramide Resources Ltd Shs C	LAM	0.74	NA	NA	\$5	\$105	\$99	Crownpoint-Churchrock	USA	ISR	1	35	48	48	51	750	118	1.0	\$0.8	NA
Orpheus Uranium Limited	ORP	0.07	NA	NA	\$3	\$8	\$5	Frome	Australia	NA	NA	NA	NA	-	NA	NA	0	0.0	NA	NA

Source: Company reports, Canaccord Genuity estimates



# Appendix: Important Disclosures

#### **Analyst Certification**

Each authoring analyst of Canaccord Genuity whose name appears on the front page of this research hereby certifies that (i) the recommendations and opinions expressed in this research accurately reflect the authoring analyst's personal, independent and objective views about any and all of the designated investments or relevant issuers discussed herein that are within such authoring analyst's coverage universe and (ii) no part of the authoring analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by the authoring analyst in the research, and (iii) to the best of the authoring analyst's knowledge, she/he is not in receipt of material non-public information about the issuer.

Analysts employed outside the US are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

#### **Sector Coverage**

Individuals identified as "Sector Coverage" cover a subject company's industry in the identified jurisdiction, but are not authoring analysts of the report.

#### **Investment Recommendation**

Date and time of first dissemination: July 31, 2024, 01:13 ET

Date and time of production: July 31, 2024, 01:13 ET

#### **Target Price / Valuation Methodology:**

Peninsula Energy Limited - PEN

Our target price is derived from a DCF-based sum-of-the-parts valuation, comprising our NPV8% of the staged Lance project, a nominal value for exploration, and net cash.

#### Risks to achieving Target Price / Valuation:

Peninsula Energy Limited - PEN

**Financing risks:** Our analysis suggests that PEN will require additional capital to fund the development costs for the Lance project for which we have risked our valuation. PEN is reliant on equity/debt/external capital to fund capital commitments, and there is no quarantee that accessing these markets will be achieved without dilution to shareholders.

Furthermore, accurate estimates of capital costs for the project remain subject to completion of pre-feasibility and feasibility studies, which may see capital requirements exceed our model assumptions. There is no guarantee that studies will result in a positive investment decision for the project.

**Operational risks:** Once in production, the company will be subject to risks such as plant/equipment breakdowns, metallurgical (noting flowsheet changes to address previous challenges), geological and other technical issues. An increase in operating costs could reduce the profitability and free cash generation from the operating assets and negatively impact valuation.

Further, the yellow cake product specifications may differ from initial test work interpretations which can also materially impact product acceptance by customers and therefore earnings from forecast production.

**Implementation risks:** We note the compressed development schedule will require concurrent plant commissioning of Stage 1 followed soon after by the installation of Stage 2 equipment and then Stage 3. This sequence presents a natural risk that delays in Stage 1 could impact Stage 2 and therefore Stage 3 which present downside risk to our cash flow projections.

**Market risks:** PEN's sales revenue is dependent on being able to secure term contracts for its proposed level of production and priced with the required mechanisms that will enable proactive capital and budgetary management. We note the protracted nature of negotiating uranium product offtake with the potential that timelines could be prolonged to ensure than an acceptable order book is agreed on.

**Commodity price and currency fluctuation:** The company as a near-term uranium producer is exposed to commodity price and currency fluctuations, often driven by macro-economic forces including inflationary pressure, interest rates and supply and demand of commodities. These factors are external and could reduce the profitability, costing and prospective outlook for the business.

**Geological and resource risk:** The actual characteristics of a mineral deposit may differ significantly from initial interpretations and expectations. PEN's plan incorporates Mineral Resources whose actual economics are yet to be determined. Grades and tonnages for Exploration Targets are conceptual in nature.



#### **Distribution of Ratings:**

#### Global Stock Ratings (as of 07/31/24)

Rating	Coverag	IB Clients			
	#	%	%		
Buy	611	66.92%	22.91%		
Hold	132	14.46%	11.36%		
Sell	13	1.42%	7.69%		
Speculative Buy	149	16.32%	52.35%		
	913*	100.0%			

<sup>\*</sup>Total includes stocks that are Under Review

#### **Canaccord Genuity Ratings System**

**BUY:** The stock is expected to generate returns greater than 10% during the next 12 months.

HOLD: The stock is expected to generate returns from -10% to 10% during the next 12 months.

**SELL:** The stock is expected to generate returns less than -10% during the next 12 months.

NOT RATED: Canaccord Genuity does not provide research coverage of the relevant issuer.

Given the inherent volatility of some stocks under coverage, price targets for some stocks may imply target returns that vary temporarily from the ratings criteria above.

\*As of January 1, 2024, the Ratings History Chart will reflect the new Canaccord Genuity Ratings System as defined above.

#### **Risk Qualifier**

SPECULATIVE: The stock bears significantly above-average risk and volatility. Investments in the stock may result in material loss.

#### 12-Month Recommendation History (as of date same as the Global Stock Ratings table)

A list of all the recommendations on any issuer under coverage that was disseminated during the preceding 12-month period may be obtained at the following website (provided as a hyperlink if this report is being read electronically) http://disclosures-mar.canaccordgenuity.com/EN/Pages/default.aspx

#### Required Company-Specific Disclosures (as of date of this publication)

Peninsula Energy Limited currently is, or in the past 12 months was, a client of Canaccord Genuity or its affiliated companies. During this period, Canaccord Genuity or its affiliated companies provided investment banking services to Peninsula Energy Limited.

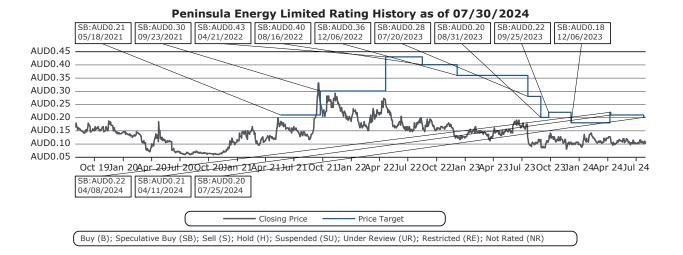
In the past 12 months, Canaccord Genuity or its affiliated companies have received compensation for Investment Banking services from Peninsula Energy Limited .

In the past 12 months, Canaccord Genuity or any of its affiliated companies have been lead manager, co-lead manager or comanager of a public offering of securities of Peninsula Energy Limited or any publicly disclosed offer of securities of Peninsula Energy Limited or in any related derivatives.

Canaccord Genuity or one or more of its affiliated companies intend to seek or expect to receive compensation for Investment Banking services from Peninsula Energy Limited in the next three months.

Canaccord Genuity (Australia) Limited and affiliates ("Canaccord") has previously managed or co-managed a public offering of securities in Peninsula Energy Limited in the previous 12 months.





#### Past performance

In line with Article 44(4)(b), MiFID II Delegated Regulation, we disclose price performance for the preceding five years or the whole period for which the financial instrument has been offered or investment service provided where less than five years. Please note price history refers to actual past performance, and that past performance is not a reliable indicator of future price and/or performance.

#### **Online Disclosures**

Up-to-date disclosures may be obtained at the following website (provided as a hyperlink if this report is being read electronically) <a href="http://disclosures.canaccordgenuity.com/EN/Pages/default.aspx">http://disclosures.canaccordgenuity.com/EN/Pages/default.aspx</a>; or by sending a request to Canaccord Genuity Corp. Research, Attn: Disclosures, P.O. Box 10337 Pacific Centre, 2200-609 Granville Street, Vancouver, BC, Canada V7Y 1H2; or by sending a request by email to disclosures@cgf.com. The reader may also obtain a copy of Canaccord Genuity's policies and procedures regarding the dissemination of research by following the steps outlined above.

#### **General Disclaimers**

See "Required Company-Specific Disclosures" above for any of the following disclosures required as to companies referred to in this report: manager or co-manager roles; 1% or other ownership; compensation for certain services; types of client relationships; research analyst conflicts; managed/co-managed public offerings in prior periods; directorships; market making in equity securities and related derivatives. For reports identified above as compendium reports, the foregoing required company-specific disclosures can be found in a hyperlink located in the section labeled, "Compendium Reports." "Canaccord Genuity" is the business name used by certain wholly owned subsidiaries of Canaccord Genuity Group Inc., including Canaccord Genuity LLC, Canaccord Genuity Limited, Canaccord Genuity Corp., and Canaccord Genuity (Australia) Limited, an affiliated company that is 80%-owned by Canaccord Genuity Group Inc.

The authoring analysts who are responsible for the preparation of this research are employed by Canaccord Genuity Corp. a Canadian broker-dealer with principal offices located in Vancouver, Calgary, Toronto, Montreal, or Canaccord Genuity LLC, a US broker-dealer with principal offices located in New York, Boston, San Francisco and Houston, or Canaccord Genuity Limited., a UK broker-dealer with principal offices located in London (UK) and Dublin (Ireland), or Canaccord Genuity (Australia) Limited, an Australian broker-dealer with principal offices located in Sydney and Melbourne.

The authoring analysts who are responsible for the preparation of this research have received (or will receive) compensation based upon (among other factors) the Investment Banking revenues and general profits of Canaccord Genuity. However, such authoring analysts have not received, and will not receive, compensation that is directly based upon or linked to one or more specific Investment Banking activities, or to recommendations contained in the research.

Some regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of research. This research has been prepared in accordance with Canaccord Genuity's policy on managing conflicts of interest, and information barriers or firewalls have been used where appropriate. Canaccord Genuity's policy is available upon request.

The information contained in this research has been compiled by Canaccord Genuity from sources believed to be reliable, but (with the exception of the information about Canaccord Genuity) no representation or warranty, express or implied, is made by Canaccord Genuity, its affiliated companies or any other person as to its fairness, accuracy, completeness or correctness. Canaccord Genuity has not independently verified the facts, assumptions, and estimates contained herein. All estimates, opinions and other information contained in this research constitute Canaccord Genuity's judgement as of the date of this research, are subject to change without notice and are provided in good faith but without legal responsibility or liability.

From time to time, Canaccord Genuity salespeople, traders, and other professionals provide oral or written market commentary or trading strategies to our clients and our principal trading desk that reflect opinions that are contrary to the opinions expressed in this



research. Canaccord Genuity's affiliates, principal trading desk, and investing businesses also from time to time make investment decisions that are inconsistent with the recommendations or views expressed in this research.

This research is provided for information purposes only and does not constitute an offer or solicitation to buy or sell any designated investments discussed herein in any jurisdiction where such offer or solicitation would be prohibited. As a result, the designated investments discussed in this research may not be eligible for sale in some jurisdictions. This research is not, and under no circumstances should be construed as, a solicitation to act as a securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. This material is prepared for general circulation to clients and does not have regard to the investment objectives, financial situation or particular needs of any particular person. Investors should obtain advice based on their own individual circumstances before making an investment decision. To the fullest extent permitted by law, none of Canaccord Genuity, its affiliated companies or any other person accepts any liability whatsoever for any direct or consequential loss arising from or relating to any use of the information contained in this research.

#### **Research Distribution Policy**

Canaccord Genuity research is posted on the Canaccord Genuity Research Portal and will be available simultaneously for access by all of Canaccord Genuity's customers who are entitled to receive the firm's research. In addition research may be distributed by the firm's sales and trading personnel via email, instant message or other electronic means. Customers entitled to receive research may also receive it via third party vendors. Until such time as research is made available to Canaccord Genuity's customers as described above, Authoring Analysts will not discuss the contents of their research with Sales and Trading or Investment Banking employees without prior compliance consent.

For further information about the proprietary model(s) associated with the covered issuer(s) in this research report, clients should contact their local sales representative.

#### **Short-Term Trade Ideas**

Research Analysts may, from time to time, discuss "short-term trade ideas" in research reports. A short-term trade idea offers a near-term view on how a security may trade, based on market and trading events or catalysts, and the resulting trading opportunity that may be available. Any such trading strategies are distinct from and do not affect the analysts' fundamental equity rating for such stocks. A short-term trade idea may differ from the price targets and recommendations in our published research reports that reflect the research analyst's views of the longer-term (i.e. one-year or greater) prospects of the subject company, as a result of the differing time horizons, methodologies and/or other factors. It is possible, for example, that a subject company's common equity that is considered a long-term 'Hold' or 'Sell' might present a short-term buying opportunity as a result of temporary selling pressure in the market or for other reasons described in the research report; conversely, a subject company's stock rated a long-term 'Buy' or "Speculative Buy' could be considered susceptible to a downward price correction, or other factors may exist that lead the research analyst to suggest a sale over the short-term. Short-term trade ideas are not ratings, nor are they part of any ratings system, and the firm does not intend, and does not undertake any obligation, to maintain or update short-term trade ideas. Short-term trade ideas are not suitable for all investors and are not tailored to individual investor circumstances and objectives, and investors should make their own independent decisions regarding any securities or strategies discussed herein. Please contact your salesperson for more information regarding Canaccord Genuity's research.

#### For Canadian Residents:

This research has been approved by Canaccord Genuity Corp., which accepts sole responsibility for this research and its dissemination in Canada. Canaccord Genuity Corp. is registered and regulated by the Canadian Investment Regulatory Organization (CIRO) and is a Member of the Canadian Investor Protection Fund. Canadian clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity Corp. in their particular province or territory.

#### **For United States Persons:**

Canaccord Genuity LLC, a US registered broker-dealer, accepts responsibility for this research and its dissemination in the United States. This research is intended for distribution in the United States only to certain US institutional investors. US clients wishing to effect transactions in any designated investment discussed should do so through a qualified salesperson of Canaccord Genuity LLC. Analysts employed outside the US, as specifically indicated elsewhere in this report, are not registered as research analysts with FINRA. These analysts may not be associated persons of Canaccord Genuity LLC and therefore may not be subject to the FINRA Rule 2241 and NYSE Rule 472 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

#### For United Kingdom and European Residents:

This research is distributed in the United Kingdom and elsewhere Europe, as third party research by Canaccord Genuity Limited, which is authorized and regulated by the Financial Conduct Authority. This research is for distribution only to persons who are Eligible Counterparties or Professional Clients only and is exempt from the general restrictions in section 21 of the Financial Services and Markets Act 2000 on the communication of invitations or inducements to engage in investment activity on the grounds that it is being distributed in the United Kingdom only to persons of a kind described in Article 19(5) (Investment Professionals) and 49(2) (High Net Worth companies, unincorporated associations etc) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended). It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. This material is not for distribution in the United Kingdom or elsewhere in Europe to retail clients, as defined under the rules of the Financial Conduct Authority.

#### For Jersey, Guernsey and Isle of Man Residents:



This research is sent to you by Canaccord Genuity Wealth (International) Limited (CGWI) for information purposes and is not to be construed as a solicitation or an offer to purchase or sell investments or related financial instruments. This research has been produced by an affiliate of CGWI for circulation to its institutional clients and also CGWI. Its contents have been approved by CGWI and we are providing it to you on the basis that we believe it to be of interest to you. This statement should be read in conjunction with your client agreement, CGWI's current terms of business and the other disclosures and disclaimers contained within this research. If you are in any doubt, you should consult your financial adviser.

CGWI is licensed and regulated by the Guernsey Financial Services Commission, the Jersey Financial Services Commission and the Isle of Man Financial Supervision Commission. CGWI is registered in Guernsey and is a wholly owned subsidiary of Canaccord Genuity Group Inc.

#### For Australian Residents:

This research is distributed in Australia by Canaccord Genuity (Australia) Limited ABN 19 075 071 466 holder of AFS Licence No 234666. To the extent that this research contains any advice, this is limited to general advice only. Recipients should take into account their own personal circumstances before making an investment decision. Clients wishing to effect any transactions in any financial products discussed in the research should do so through a qualified representative of Canaccord Genuity (Australia) Limited or its Wealth Management affiliated company, Canaccord Genuity Financial Limited ABN 69 008 896 311 holder of AFS Licence No 239052. This report should be read in conjunction with the Financial Services Guide available here - Financial Services Guide.

#### For Hong Kong Residents:

This research is distributed in Hong Kong by Canaccord Genuity (Hong Kong) Limited which is licensed by the Securities and Futures Commission. This research is only intended for persons who fall within the definition of professional investor as defined in the Securities and Futures Ordinance. It is not intended to be distributed or passed on, directly or indirectly, to any other class of persons. Recipients of this report can contact Canaccord Genuity (Hong Kong) Limited. (Contact Tel: +852 3919 2561) in respect of any matters arising from, or in connection with, this research.

#### Additional information is available on request.

Copyright © Canaccord Genuity Corp. 2024 - Member CIRO/Canadian Investor Protection Fund

Copyright © Canaccord Genuity Limited. 2024 - Member LSE, authorized and regulated by the Financial Conduct Authority.

Copyright © Canaccord Genuity LLC 2024 - Member FINRA/SIPC

Copyright © Canaccord Genuity (Australia) Limited. 2024 – Participant of ASX Group, Cboe Australia and of the NSX. Authorized and regulated by ASIC.

All rights reserved. All material presented in this document, unless specifically indicated otherwise, is under copyright to Canaccord Genuity Corp., Canaccord Genuity Limited, Canaccord Genuity LLC or Canaccord Genuity Group Inc. None of the material, nor its content, nor any copy of it, may be altered in any way, or transmitted to or distributed to any other party, without the prior express written permission of the entities listed above.

None of the material, nor its content, nor any copy of it, may be altered in any way, reproduced, or distributed to any other party including by way of any form of social media, without the prior express written permission of the entities listed above.