

25 July 2022

**STRICTLY PRIVATE & CONFIDENTIAL**

The Directors

CGX Energy Inc.  
333 Bay Street, Suite 2400  
Toronto, Ontario  
Canada, M5H 2T6

Dear Sirs

**Introduction**

You have requested H&P Advisory Limited (“**H&P**” “**we**” or “**us**”) to provide you with a fairness opinion and formal valuation (the “**H&P Fairness Opinion and Valuation**”) with regard to a proposed farm in by Frontera Resources Corp (“**Frontera**”) into the Corentyne block (the “**Asset**”) jointly operated by CGX Energy Inc.’ (the “**Company**” or “**CGX**”) which also includes a loan equalization and cash infusion by Frontera to fund the upcoming Wei-1 well (the “**Offer**”) as more detailed below (the “**Transaction**”).

Specifically, we have been asked to provide an independent formal valuation and fairness opinion addressed to the board of the Company (the “**Board**”) in accordance with the requirements of an independent formal valuation of Multilateral Instrument 61-101 – *Special Transactions* of the Securities Act (Ontario) (“**61-101**”). We understand that the Transaction will be structured as (i) payment by Frontera for outstanding Kawa costs, CGX share of pre-drill expenditures for Wei-1 and CGX share of joint costs capitalised to Corentyne; (ii) full carry for CGX share of the Wei-1 development costs; and (iii) repayment of existing loans from Frontera to CGX and payment of cash to CGX.

In reaching our opinion, H&P has reviewed certain documents provided to us by CGX as well as a variety of public and non-public information and data points as outlined in Appendix I – Supporting Documents. We have assumed a range of prospective resources estimates using a draft preliminary Competent Persons Report (“**CPR**”) prepared by an internationally reputable technical consultant (please see the limitations section below for further notes). We also reviewed the financial model built by Maritime & Transport Business Solutions B.V. (“**MTBS**”) on the Berbice shorebase and port (“**Berbice Port**”). We note that we have been provided a very limited set of information on the Asset and its development plan, having regard to the early-stage of the discovery. We would also note that there is a lack of public disclosed and available information on i) Guyana and Suriname asset level data for comparative purposes; ii) valuation reference point data on transactions of a similar nature not only in Guyana and Suriname but also across the wider Latin America and the world.

**H&P Engagement and Background**

H&P was first contacted regarding the Transaction on 23 May 2022. H&P was formally engaged to provide the H&P Fairness Opinion and Valuation to the Board of CGX pursuant to an agreement dated 13 June 2022 (the “**H&P Engagement Letter**”). The terms of the H&P Engagement Letter provide that H&P is to be paid a fixed fee for its service and will be reimbursed for out of pocket expenses upon submission of the H&P Fairness Opinion and Valuation. In addition, the Company has agreed to indemnify H&P, its subsidiaries and affiliates, and their respective officers, directors, employees and agents, against certain expenses, losses, claims, actions, damages and liabilities which may arise directly or indirectly from services performed by H&P in connection with the H&P Engagement Letter.

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The fee payable to H&P is not contingent in whole or in part upon the completion of the Transaction or on the conclusions reached in the H&P Fairness Opinion and Valuation. No understandings or agreements exist between H&P and CGX with respect to future financial advisory or investment banking business.

### **Credentials and Independence of H&P**

H&P is a privately owned, relationship-led, natural resources specialist investment bank that specialises in offering independent corporate finance, capital markets advice and access to companies, funds, institutions and governments. H&P focuses on mergers and acquisitions, capital raisings and investment research in the natural resources sector. H&P Advisory Ltd is authorised and regulated by the Financial Conduct Authority (Firm Reference number 805667) and is registered in England (registration number: 11120795). The H&P Fairness Opinion and Valuation is the opinion of H&P, the form and content of which have been approved for release by a committee of its executive partners, each of whom is experienced in merger, acquisition, divestiture and valuation matters.

None of H&P, its associates or affiliates: (i) is an issuer insider, associate, affiliate or affiliated entity (as those terms are defined in MI 61-101) of CGX or Frontera or any of their respective associates or affiliates; or (ii) is an advisor to any person or company other than to the Board of CGX with respect to the Transaction. H&P has not provided any financial advisory services to CGX or Frontera or any of their respective associates or affiliates for which it has received compensation in the past 24 months.

H&P may, however, during the ordinary course of business, provide financial advisory or investment banking services to CGX or Frontera or any of their respective associates or affiliates. In addition, during the ordinary course of business, H&P, its subsidiaries and affiliates, and their respective officers, directors, employees and agents, may actively trade CGX Shares and other securities of CGX for its own account and for the accounts of H&P's clients and, accordingly, may at any time hold a long or short position in such securities. As a non-independent research provider, H&P conducts research on securities and may, during the ordinary course of business, provide research reports and investment advice to its clients on investment matters, including those related to CGX or the Transaction.

### **Executive Summary / The Opinion**

As a result of our analysis, and subject to the assumptions, methodologies and limitations described in this letter, we estimate that the fair value of the Asset is between US\$267million and US\$400million (US\$2.7m-US4.0m per 1% of working interest (“WI”)) with a median of US\$334million (US\$3.3m per 1% WI).

Based on our valuation, we believe that the Offer represents a fair outcome for CGX and represents fair value in respect of the Asset (in its current status).

We believe that our valuation is reasonable and supported by the prevailing capital market and farm-in market conditions, preliminary prospective resource estimates, available information on financial projections on the Asset (if assumed to go into production), trading and precedent transaction multiples as well as other valuation reference points that we believe have relevance.

## **The Assets**

The Asset is an offshore deepwater licence located in the Guyana basin that is still in the early stages of exploration. The Asset is owned and jointly operated by CGX Energy and Frontera (the “JV”). The JV encountered material hydrocarbons in multiple zones across the block as part of the Kawa-1 drilling activities in May 2022. The JV engaged independent experts to provide studies, mapping, analysis and opinions on the initial findings and received support on the successful discovery of light oil. The JV now intends to develop the forthcoming Wei-1 exploration well, expected to be spud in 3Q’22.

## **Terms of the Transaction**

Frontera is now proposing to farm-in to the Asset for up to 29.73 % WI in components 1 through 4 and an aggregate total of 34.67% WI including component 5. The detailed description of the farm-in investment components is outlined below:

1. Payment for CGX’s share of outstanding Kawa costs;
2. Payment for CGX’s share of the pre-drill expenditures incurred for Wei-1;
3. Payment for CGX’s share of G&A and Joint Teams (CGX-Frontera Joint Teams) costs which are capitalized to the Corentyne block;
4. A full carry for CGX by Frontera for its share of the Wei-1 Well, up to a gross cap of US\$130m (net to CGX of US\$41.6m); and
5. Repayment of US\$54m of outstanding convertible loans from Frontera to CGX, and cash payment of US\$3.8m to CGX to be used for non-Corentyne G&A for a WI exchange of 4.94%

It is important to note that Frontera has a multi-faceted relationship given that they are a majority shareholder in CGX, a lender to CGX and a joint operator in the Asset alongside CGX. This three-part holding across the capital structure has been reflected in the Offer. The Offer funds the historical and future well costs and has priced the risk associated with the development of the well which is significant but yet to prove its commerciality. We have aggregated the different components of the Offer and the separate valuations to reach a blended valuation which allows comparability to our valuation approaches.

The Offer consists of a total of US\$122.1m in funding and loan assignments for a total of 34.67% WI transferred at an implied valuation of \$352.2m (US\$3.52m per 1% WI).

We further note and observe that if new external financing or farm-in were to be sought by the Company in respect of the Assets, it is highly likely that any counterparty would reasonably require that a more advanced CPR be made available for their analysis and to support any views on undertaking a farm-in. Given the typical long lead times and additional costs that would be incurred to undertake the procurement of an advanced CPR, we do not believe that this would be feasible taking into consideration the potential JV default and licensing complications that any delays would create.

## **Analysis Methodology**

We have considered below macroeconomic and market factors as a wider context and backdrop as well as its impact on the valuation approaches:

### **(i) Oil and Gas developments**

Oil and Gas prices have been trading at depressed levels across 2016-2020; however, there has been a recent rebound driven by a geopolitical supply shock emanating from sanctions on Russian exports and limited global supply capacity. The current Brent price is at a decade high with both the Forward Pricing and Analyst Consensus reflecting an expectation of mean reversion towards \$80 a barrel by 2024.

The Transaction has been favourably priced in a high oil and gas environment and there is no certainty that future oil and gas prices will remain at these elevated levels.

### **(ii) Current capital market conditions**

The landscape for oil and gas sector secondary capital funding (especially in exploration) and asset farm-ins have largely collapsed from 2018 onwards on both aggregate value and number of transactions.

Global secondary capital (equity and convertibles raises) funding reached US\$60.9bn in 2016 but has averaged US\$13.8bn annually since. The rebound in oil and gas prices have had a minimal impact on capital inflight into the sector on both aggregate value and number of transactions in the sector.

We note that farm-in/out transactions typically do not disclose the valuation and terms of the agreement; however, for disclosed transactions, a similar declining trend can be observed as secondary capital. The rebound in oil and gas prices have also had a limited impact on the aggregate value or number of transactions in the sector.

The Transaction has been favourably priced in a highly capital scarce environment. We expect that there will be difficulties finding financing alternatives and counterparties on similar or more favourable terms to the current Transaction

We have considered four different methodologies in reaching our views and conclusions, as summarised below:

### **(i) Discounted Cashflow (“DCF”)**

DCF is the preferred primary valuation methodology to estimate the fundamental value of the Assets as it considers the specific production profile, capex and opex, specific technical characteristics and fiscal terms. DCF accounts for future growth prospects and risks and is less affected by market volatility than trading and transaction multiples.

The DCF approach requires a development plan over the life of the Assets. A company internal model would be most accurate and preferable to achieve the most accurate valuation. However, the Company does not maintain a detailed financial model on the Assets. Given this limitation, we used IHS profiles to build the DCF model which we conducted scenario/sensitivity analysis on. The DCF is highly sensitive to its inputs and, in particular, the commodity price and cost of capital assumptions amongst others. We believe that the DCF based approach is the most speculative and

optimistic given the lack of detailed production data on Corentyne; therefore we have excluded the upside case from the range in order to be conservative in our valuation.

Detailed list of assumptions behind the DCF model and scenario analysis is set out in Appendix II.

Based on our DCF analysis, we believe that the Asset is valued at a range of US\$460-800m and this implies a valuation of US\$4.6-8.0m for one (1) percent WI.

The output from the DCF approach given the limitations and lack of detailed input from the Company was not sufficient for us to form a sustainable view on the appropriate valuation of the Transaction. We used market based relative valuation approaches to triangulate and contrast the DCF valuation range.

**(ii) Market Implied**

We believe that the Company's share price reflects meaningful value for both of its key assets: the Berbice Port and the Corentyne block. The market implied approach takes the current market value of the Company and apportions it between the assets. We used the DCF model compiled by MTBS on the Berbice Port and included sensitivities that takes into consideration the high levels of risk given the early stages of development. We then apportioned the median Enterprise Value from last twelve months to reach an implied Corentyne block value. The median Enterprise Value was used due to the high levels of share price volatility across the reference period.

Detailed list of assumptions behind the market implied approach is set out in Appendix III.

Based on our Market Implied analysis, we believe that the Asset is valued at a range of US\$150-300m and this implies a valuation of US\$1.5-3.0m for one (1) percent WI.

**(iii) Trading Comps**

We have chosen EV/2P Reserves as the key multiple to contrast the DCF valuation with as the EV/Production multiple is unsuitable given the high level of uncertainty around translating early-stage preliminary prospective resources numbers into production estimates. We used a conservative downside case to upside case prospective resources of 60-100 mmbob as the reference range.

While these multiples disregard the specific characteristics of the assets we are valuing, exact development stage and specific fiscal terms applicable to the asset, they provide a sense of market valuation levels to sense check the fundamental DCF methodology.

We have included for reference in Appendix IV the trading comps metrics in the public domain for other oil and gas E&P companies with assets in Guyana and Suriname, wider Latin America and global offshore.

Many of the operators in the Guyana and Suriname basins are large integrated IOC's. It would be inappropriate to compare to the Company given the different strategic, financial and operational profiles at a corporate and asset level.

We concluded that the information based on Guyana and Suriname trading comps would not be sufficient for us to make an inference on valuation and expanded the peers to include LATAM peers included for reference in Appendix 1.

Based on our Trading Comps analysis, we believe that the Asset is valued at a range of US\$342-488m and this implies a valuation of US\$3.42-4.88m for one (1) percent WI.

**(iv) *Precedent Transactions***

Like Trading Comps, we chose EV/2P Reserves as the key multiple using a conservative downside case to upside case prospective resources of 60-100 mmbob as the reference range.

Given the lack of publicly disclosed and available information on precedent farm-in transactions, we looked at all relevant oil and gas transactions including asset and corporate level M&A, farm-ins/outs, minority investments and equity financing. However, we were not able to retrieve a sufficient sample size of data for Guyana and Suriname alone.

We therefore expanded the region to include both wider Latin America and relevant African offshore transactions (similar emerging market operational characteristics and risks inherent to the projects).

We have included for reference in Appendix V the precedent transactions metrics in the public domain for oil and gas E&P companies with assets in Guyana and Suriname, wider Latin America and African offshore.

Based on our Precedent Transactions analysis, we believe that the Asset is valued at a range of US\$64-470m and this implies a valuation of US\$0.64-4.7m for one percent WI.

**Fairness and Valuation Summary**

As a result of the above analysis, we believe that the implied fair value of the Asset is between a range of US\$267-400m with a mid-point of US\$334m which implies a valuation of US\$2.67-4.00m with a mid-point of US\$3.34m for one (1) percent working interest.

We believe that the terms of the loan assignment into Corentyne working interest have been priced at a very favourable valuation for CGX and provides a less dilutive solution to clean-up the existing capital structure by writing off \$54m in debt owed to Frontera. The loan assignment also provides CGX with cash of US\$3.8m on the same terms as the loan assignment towards ongoing short-term G&A/working capital needs. Based on and subject to the foregoing, we are of the opinion that the Offer and Transaction is fair, from a financial point of view, to the Company.

**Limitations**

In giving our opinion set forth above we have relied on and assumed, and not independently verified, the accuracy and completeness of all information that was publicly available, provided to us by or on behalf of the Company or otherwise reviewed by us.

We are giving our opinion on the fairness of the consideration as part of the Transaction. To be clear, save for reference to our opinion, it is the Board's responsibility to make a commercial assessment of the Transaction and we express no opinion as to the underlying decision by the Company to enter into the Transaction or as to whether any alternative transaction might be more beneficial to the Company. We have assumed that all financial analyses, projections, assumptions and forecasts have been properly and reasonably prepared and reflect the best currently available estimates and judgements by management. We express no view as to the appropriateness of such financial analyses, projections, assumptions and forecasts which the Company has confirmed we may rely on in the provision of this opinion.

We do not provide advice on legal, regulatory or tax matters and as such, have relied on any assessments made by any advisers to the Company with respect to such issues. We have assumed that all warranties and representations to be given in any legal documentation relating to the Transaction are true and accurate and that no claims will be made in respect thereof. We have further assumed that any regulatory, governmental, contractual or other consents and approvals required to complete the Transaction have or will be obtained without any material adverse effect on the Company.

As part of our due diligence, H&P requested the Company to share a draft preliminary technical analysis conducted by an internationally reputable technical consultant and has sighted it. We used data from the draft preliminary technical analysis as the basis of further analysis conducted; however, H&P considers the bank to remain restricted on its contents and their implications, noting it was draft only and conclusions could be widely drawn. The data from the draft preliminary technical analysis was one of many reference points used in the process of triangulating the valuation and was not heavily or significantly relied upon.

Our opinion is based on economic, market and other relevant conditions in effect on the date of this opinion. Subsequent developments may affect this opinion and we have no obligation to update, revise or reaffirm this opinion.

We were not requested to and did not provide advice concerning the structure or other aspects of the Transaction, or provide services other than the delivery of this opinion. We did not solicit expressions of interest from any parties in connection with the Transaction and we did not participate in negotiations with respect to the terms of the Transaction. Consequently, we have assumed that the terms are the most beneficial from the Company's perspective that could under the circumstances be negotiated among the relevant parties.

As noted above, the conclusions reached in this letter are based on information provided to us and we have not been able to complete an independent verification of all of that information. Accordingly, the conclusions set forth herein are strictly subject to the accuracy and completeness of all such information and material facts, as known to us at the date of this letter.

This letter is to the Board for the purposes of evaluation of the Transaction. This letter may not be disclosed to any third party without our prior written consent. This letter may be reproduced in full in any circular sent to shareholders of the Company in connection with the Transaction but may not otherwise be disclosed publicly in any manner without our prior written consent.

Yours faithfully



Neil Passmore

For and on behalf of H & P Advisory Ltd

## Appendix I - Supporting Documents

In arriving at our opinion, we have performed the following:

- (a) a review of the terms of the Farm-In Agreement;
- (b) historical, consensus forecasts and forward curve pricing of Brent;
- (c) a review of global aggregate equity and convertible capital raised since 2012 by region, volume and size;
- (d) a review of global disclosed farm-in transactions since 2012 by region, volume and size;
- (e) a review of following Guyana data:
  - Macroeconomic data including real GDP and growth rate, FDI inflows, total reserves (including gold), currency performance, debt to GDP ratio, GDP split by sector contribution;
  - Guyana oil and gas sector data including major players present, government oil revenues, government oil revenues sensitivities, total government take from upstream projects, reserves and production forecasts, production per capita in 2025;
  - Global oil and gas sector data including top countries by oil reserves and production;
  - Qualitative political and economic indicators in Guyana including recent political developments, recent oil and gas industry developments, Guyana's rank within the ease of doing business rankings and corruptions perceptions index rankings; and
  - A review of the timeline of unsuccessful drilling projects undertaken in Guyana since 2016
- (f) a review publicly available financial, market and business information relating to the Company;
- (g) a review publicly available commercial and technical information relating to Corentyne Block;
- (h) a review publicly available information relating to previous the terms and conditions of the Frontera farm-in agreements and convertible loan notes;
- (i) a review and sensitivity/scenario analysis of the asset level net present value model created by IHS Vantage dated 22 May 2022;
- (j) a review of the draft preliminary draft of an unpublished technical report;
- (k) a review of comparable oil and gas E&P multiples as grouped as follows:
  - Regional Trading Comps – comprising of Guyana and Suriname based peers;
  - LATAM Trading Comps– comprising of wider Latin America based peers;
  - Regional Precedent Transaction Comps – comprising of Guyana and Suriname transactions from 2018 onward;
  - LATAM Precedent Transaction Comps – comprising of Latin American transactions from 2018 onward;

- African Offshore Precedent Transaction Comps – comprising of relevant transactions from 2018 onward.
- (l) a review of ongoing trends and valuation reference points pertaining to the shore base and port industry in Guyana;
  - (m) a review and sensitivity/scenario analysis of the MTBS financial analyses, projections, assumptions and forecasts relating to the Berbice shore base and port;
  - (n) held discussions with management with respect to the Transaction and its potential impact on the Company, the current financial position of the Company and its future prospects and the Company’s past and present business operations; and
  - (o) such other reviews and analyses and held such other discussions with management as we deemed appropriate for the purposes of this opinion.

## Appendix II – DCF Assumptions

<p><b>Downside Case</b></p>	<ul style="list-style-type: none"> <li>• Royalty rate of 2%</li> <li>• Profit Share Rate of 50%</li> <li>• Production begins in 2029</li> <li>• 89 mmboe risked resources recoverable</li> <li>• % of economically recoverable at 92%</li> <li>• Production ramp-up in year 3 to 8.9mmboe</li> <li>• Conservative Brent Crude price of \$65bbl</li> <li>• Constant pricing escalation of 2%</li> <li>• Development Capex of \$21.2/boe</li> <li>• Opex of \$22.4/boe</li> <li>• Decommissioning of \$9.1/boe</li> <li>• Total Cost of \$52.6/boe</li> <li>• NPV10 (10% discount rate)</li> </ul>
<p><b>Base Case</b></p>	<ul style="list-style-type: none"> <li>• Royalty rate of 2%</li> <li>• Profit Share Rate of 50%</li> <li>• Production begins in 2029</li> <li>• 89 mmboe risked resources recoverable</li> <li>• % of economically recoverable at 92%</li> <li>• Production ramp-up in year 3 to 8.9mmboe</li> <li>• Base case Brent Crude price of \$100bbl</li> <li>• Constant pricing escalation of 2%</li> <li>• Development Capex of \$19.5/boe</li> <li>• Opex of \$23.6/boe</li> <li>• Decommissioning of \$6.8/boe</li> <li>• Total Cost of \$50/boe</li> <li>• NPV10 (10% discount rate)</li> </ul>
<p><b>Upside Case</b></p>	<ul style="list-style-type: none"> <li>• Royalty rate of 2%</li> <li>• Profit Share Rate of 50%</li> <li>• Production begins in 2029</li> <li>• 110mmboe risked resources recoverable</li> <li>• % of economically recoverable at 92%</li> <li>• Production ramp-up in year 3 to 11mmboe</li> <li>• Bullish Brent Crude price of \$110bbl</li> <li>• Constant pricing escalation of 2%</li> <li>• Development Capex of \$16.1/boe</li> <li>• Opex of \$20.8/boe</li> <li>• Decommissioning of \$6.9/boe</li> <li>• Total Cost of \$43.7/boe</li> <li>• NPV10 (10% discount rate)</li> </ul>
<p><b>Sensitivities</b></p>	<ul style="list-style-type: none"> <li>• Base Case</li> <li>• Price <math>\pm 10\%</math></li> <li>• Production <math>\pm 10\%</math></li> <li>• Dev CAPEX <math>\pm 10\%</math></li> <li>• OPEX <math>\pm 10\%</math></li> <li>• Decommissioning <math>\pm 10\%</math></li> <li>• Real Discount Rate range of 8-27%</li> </ul>

### Appendix III – Market Implied Assumptions

<b>Berbice Shore Base and Port</b>	<ul style="list-style-type: none"> <li>• 80% Tariffs</li> <li>• 80% Traffic</li> <li>• 2% Inflation</li> <li>• CAPEX of US\$70.9m</li> <li>• Asset Value of US\$63.8m</li> </ul>
<b>Port Sensitivity</b>	<ul style="list-style-type: none"> <li>• CAPEX <math>\pm 10\%</math></li> <li>• WACC <math>\pm 3\%</math></li> <li>• Traffic <math>\pm 15\%</math></li> <li>• Tariffs <math>\pm 15\%</math></li> <li>• OPEX <math>\pm 10\%</math></li> </ul>
<b>Market</b>	<ul style="list-style-type: none"> <li>• CGX Market Cap (Current) C\$253m</li> <li>• CGX Market Cap (High) C\$1,302m</li> <li>• CGX Market Cap (Low) C\$230m</li> <li>• Frontera Market Cap (Current) C\$1,153m</li> <li>• CGX Market Cap (Current) US\$372m</li> <li>• CGX Debt US\$54m</li> <li>• CGX Cash and Cash Equivalents US\$42m</li> </ul>

## Appendix IV – Trading Comps Data

### Guyana Trading Comps

	Company	Price/ Tg Px	% of 52wk H	1-wk change	ND/LTM EBITDA	EV/LTM EBITDA	EV/2P \$/boe
	 <b>ExxonMobil</b>	0.82x	80%	0%	0.52x	5.69x	21.57
	 <b>TotalEnergies</b>	0.79x	85%	1%	0.49x	3.00x	12.92
	 <b>Suncor</b>	0.72x	81%	(10%)	(0.28x)	1.85x	10.71
	 <b>Anadarko</b>	0.75x	75%	(7%)	1.68x	5.70x	59.60
	 <b>Hess</b>	0.75x	78%	(15%)	1.91x	10.47x	30.44
	 <b>Repsol</b>	0.70x	74%	(1%)	0.82x	2.91x	15.16
	 <b>Tullow Oil</b>	0.55x	69%	0%	2.48x	3.28x	13.43
	 <b>Fronterra</b>	0.69x	72%	3%	0.64x	2.46x	7.08
	 <b>CGX Energy</b>	n/a	19%	(2%)	1.07x	(25.61x)	n/a
	 <b>Eco Energy</b>	0.26x	60%	2%	n/a	n/a	n/a
	 <b>Baker Petroleum</b>	n/a	54%	8%	1.52x	(6.24x)	n/a

### LATAM Trading Comps

	Company	Price/ Tg Px	% of 52wk H	1-wk change	ND/LTM EBITDA	EV/LTM EBITDA	EV/2P \$/boe
	 <b>3R</b>	0.32x	56%	(5%)	(3.52x)	8.22x	1.47
	 <b>Alvopetro</b>	0.73x	86%	3%	(0.16x)	6.14x	21.82
	 <b>Arrow Exploration</b>	0.38x	67%	(6%)	n/a	n/a	3.84
	 <b>Canacol Energy Ltd.</b>	0.43x	56%	(0%)	2.22x	3.94x	6.49
	 <b>Dommo Energia</b>	n/a	73%	(5%)	(0.04x)	0.88x	4.55
	 <b>Enauta</b>	0.66x	64%	(6%)	(1.59x)	1.13x	2.71
Various	 <b>Geopark</b>	0.44x	59%	(3%)	1.36x	2.99x	7.57
	 <b>Gran Tierra Energy</b>	0.43x	52%	4%	1.57x	2.69x	7.78
	 <b>Maha</b>	0.63x	58%	(2%)	0.55x	3.47x	5.45
	 <b>PetroTal</b>	0.32x	57%	(3%)	0.71x	3.43x	5.88
	 <b>Touchstone Energy</b>	0.31x	33%	(4%)	2.95x	22.20x	2.20
	 <b>Trinity</b>	0.26x	53%	(2%)	(1.13x)	2.11x	1.41

## Appendix V – Precedent Transactions Data

### Guyana and Suriname Precedent Transactions

	Brent \$/bbl	Ann. Date	Buyer	Seller	Asset	Type	Stake	Deal value \$mm	Implied total value \$mm	Gross potential resources mmboe	Implied multiple \$/boe
	116.9	Mar-22	ECO	JHI	Corporate	Oil	100%	52	52	n/a	n/a
	87.9	Jan-22	ECO	JHI	Corporate	Oil	0.9%	0.29	32	n/a	n/a
	74.0	Dec-21	Shell	Chevron	Suriname Offshore Block 5	Oil	18%	n/a	n/a	n/a	n/a
	75.8	Jun-21	ECO	JHI	Corporate	Oil	6.4%	10	154	n/a	n/a
	66.3	Jun-21	HESS	Calery Energy	Kaieteur Block	Oil	5%	n/a	n/a	n/a	n/a
Various	44.4	Sep-20	Shell	KOSMOS	ST&P, Suriname, Namibia, and ZAR	Oil	25-45%	200 <sup>1</sup>	n/a	n/a	n/a
	66.5	Dec-19	TOTAL	Apache	Suriname Block 58 (Maka-1)	Oil	50%	100	200	100	\$2.00
	60.5	Aug 19	Wahburg Pincus	Calery Energy	Corporate	Oil	n/a	3.1	124	n/a	n/a
	62.9	Jul-19	Qatar Petroleum	TOTAL	Orinduik and Kanuku	Oil	10%	n/a	n/a	124	n/a
	61.0	Dec-18	FRONTERA	cgx	Corentyne and Demerara block	Oil	33%	33	100	n/a	n/a
	79.8	Sep-18	TOTAL	ECO	Orinduik Block	Oil	25%	13	50	107	\$0.47
	68.1	Feb-18	TOTAL	JHI	Canje Block	Oil	35%	n/a	n/a	n/a	n/a
	68.1	Feb-18	TOTAL	REPSOL	Kanuku	Oil	25%	n/a	n/a	17	n/a

### LATAM Precedent Transactions

	Brent \$/bbl	Ann. Date	Buyer	Seller	Asset	Type	Stake	Deal value \$mm	Implied total value \$mm	Gross potential resources mmboe	Implied multiple \$/boe
	111.2	Jun-22	BW ENERGY	PETROBRAS	Offshore Golfinho and Camarupim	Gas	100%	75	75	38	1.97
	109.3	Apr-22	PETRORIO	PETROBRAS	Deepwater Albacora Leste field	Oil	90%	1,951	2,166	220.6	9.81
	117.4	Mar-22	Fronteira	PETROBRAS	Santos Basin pre-salt Búzios field	Oil	5%	2,120.0	42,400.0	n/a	n/a
	78.7	Dec-21	FRONTERA	PCR	Colombia El Dificil block	Gas	35%	13	37.2	19.4	1.92
	72.4	Dec-21	FRONTERA	Business Development	Corporate	Gas	Various	27	n/a	n/a	n/a
	83.9	Nov-21	OILSTONE	GEOMARK	Various fields	Oil	100%	16	16	4.1	3.90
	71.2	Aug-21	3R	btg pactual	Ponta do Mel and Redonda fields	Oil	100%	49.3	49.3	8.5	5.80
	76.3	Jul-21	3R	PETROBRAS	Papa-Terra field	Oil	63%	15.6	25.0	97	0.26
	54.9	Feb-21	3R dbo energy	PETROBRAS	Espirito Santo Paria Cluster	Oil	100%	12.5	12.5	n/a	n/a
	44.2	Nov-20	GasBridge	GEOMARK	Offshore Manati gasfield	Oil	10%	21.8	217.6	3,099	0.07
	42.9	Jul-20	Karooon Energy	PETROBRAS	Offshore Santos Basin Baúna field	Oil	100%	380.0	380.0	53	7.14
	42.9	Jul-20	TRIDENT ENERGY WAHRBURG PINCUS	PETROBRAS	Offshore Campos Basin Pampo and Enchova Poles	Oil	100%	418.6	418.6	n/a	n/a
	43.0	Jul-20	ouro preto	PETROBRAS	Potiguar Basin Pescada Cluster shallow water fields	Oil	60%	1.5	2.5	n/a	n/a
	63.6	Nov-19	PETRORIO	PETROBRAS	Frade development	Oil	30%	100.0	333.3	29	11.70
	73.8	Apr-19	Fronteira	PETROBRAS	Verde assets	Oil	50%	1,293.5	2,587.0	332	7.79
	54.0	Dec-18	TOTAL	PETROBRAS	Santos Basin pre-salt Lapa field	Oil	10%	49.4	494.0	459	1.08
	61.9	Nov-18	DNV	amerisur resources LLC	Colombia Putumayo acreage	Oil	50%	93	187	656	0.28
	80.5	Oct-18	MAUREL PROM	Shell	Urdaneta West field	Oil	40%	81.0	202.4	n/a	n/a
	77.2	Jul-18	equinor	IBE	Santos Basin BM-S-8 license	Oil	10%	379.0	3,790.0	1,000	3.79

## African Offshore Precedent Transactions

Brent	Ann. Date	Buyer	Seller	Asset	Type	Stake	Deal value	Implied total value	Gross potential resources	Implied multiple
\$/bbl							\$mm	\$mm	mmboe	\$/boe
113.9	Jun-22	 ESQ	 Ricochere	South Africa exploratory acreage	Oil	6.25%	10	160	n/a	n/a
116.6	Jun-22	NAVITAS		Morocco deepwater Dakhla Atlantic block	Oil	22.8%	n/a	n/a	n/a	n/a
125.8	Jun-22	wentworth		Tanzania Rovuma offshore acreage	Gas	25%	n/a	n/a	n/a	n/a
104.6	Apr-22	 Afentra		Offshore Angola Block 3/0	Oil	20%	80	400	28	n/a
104.6	Apr-22	Consortium		Offshore Angola Block 27	Oil	60%	1.2	2	n/a	n/a
104.6	Apr-22	Consortium		Offshore Angola Block 23	Oil	80%	1	1.25	n/a	n/a
104.6	Apr-22	Consortium		Offshore Angola Block 31	Oil	10%	170	1,700	n/a	n/a
104.6	Apr-22	Consortium		Offshore Angola Block 15	Oil	10%	450	4,500	n/a	n/a
104.6	Apr-22	 SOMOH SIRIUS		Offshore Angola Block 18	Oil	8.28%	165	1,992	n/a	n/a
114.0	Mar-22	 bp  eni		Offshore Angola Block 17	Oil	100%	6,865	6,865	1,335	5.14
99.2	Feb-22	 seplat		Nigeria OML 67, 68, 70, 104	Oil	40%	1,283	Various	409	2.56
95.9	Feb-22	 ECO		South Africa and Namibia exploratory acreage	Oil	n/a	12.9	n/a	349	n/a
77.5	Jan-22	Harmattan		Orange Basin Pel 90	Oil	Various	n/a	n/a	n/a	n/a
86.4	Jan-22	 SOMOH	 INPEX 	Offshore Angola Block 14/14K	Oil	Various	n/a	n/a	63	n/a
72.7	Jan-22	 SUIYANA	Grisham Assets	Namibia offshore exploratory acreage	Oil	n/a	5.7	n/a	n/a	n/a
47.5	Dec-21	 Woodside		Deepwater Sangomar project	Oil	13.7%	45.0	329.2	77	4.26
	Nov-21	Consortium		Deepwater Jubilee and TEN fields	Oil	Various	750	n/a	201	3.73
44.4	Jun-21	 Woodside		Offshore Sangomar development	Oil	8%	28.8	360.2	25	14.46
43.9	Jun-21	 Woodside		Deepwater Sangomar project	Oil	36.4%	300.0	823.3	114	7.24
70.8	Sep-20	 TULLOW OIL		Namibia PEL 90 license (Block 2813B)	Oil	56.0%	2.0	3.6	n/a	n/a
71.7	Dec-19	 TULLOW OIL		South Africa deepwater acreage	Oil	n/a	90.0	n/a	n/a	n/a
71.2	Aug-19	 TULLOW OIL		Mozambique Area 1	Oil	n/a	3,975.0	n/a	n/a	n/a
79.2	Jul-19	 ESQ		Deepwater Tamar Block	Oil	n/a	0.2	n/a	n/a	n/a