

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

5E Advanced Materials, Inc.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

1400
(Primary Standard Industrial
Classification Code Number)
9329 Mariposa Road, Suite 210
Hesperia, CA 92344
(442) 221-0225

87-3426517
(I.R.S. Employer
Identification No.)

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Paul Weibel
Chief Executive Officer
5E Advanced Materials, Inc.
9329 Mariposa Road, Suite 210
Hesperia, CA 92344
(442) 221-0225

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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Approximate date of commencement of proposed sale to the public: As soon as practicable after the effective date of this Registration Statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. These securities may not be sold until the registration statement filed with the U.S. Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

Subject to Completion, dated January 27, 2026.

Shares



5E Advanced Materials, Inc.

8,720,930 Shares of Common Stock

We are offering up to \$30.0 million of shares of our common stock, par value \$0.01 per share (“the Common Stock”), based on an assumed public offering price of \$3.44, the last reported sale price of our Common Stock on the Nasdaq Global Select Market (“Nasdaq”). The public offering price per share will be determined between us and Konik Capital Partners, LLC (the “placement agent”) based on market conditions at the time of pricing, and may be at a discount to the then-current market price of our Common Stock. Therefore, the recent market price of our Common Stock referenced in this preliminary prospectus may not be indicative of the final offering price per Unit.

Our Common Stock is listed on Nasdaq under the symbol “FEAM.” Our CHESSE Depository Interests (“CDIs”) are listed on the Australian Securities Exchange under the symbol “5EA” with ten CDIs representing an interest in one share of our Common Stock. On January 26, 2026, the last reported sale price of our Common Stock on Nasdaq was \$3.44 per share.

We have engaged the placement agent to act as our exclusive placement agent in connection with this offering. The placement agent has agreed to use its reasonable best efforts to arrange for the sale of the securities offered by this prospectus. The placement agent is not purchasing or selling any of the securities we are offering and the placement agent is not required to arrange the purchase or sale of any specific number of securities or dollar amount. We have agreed to pay to the placement agent the fees set forth in the table below, which assumes that we sell all of the securities offered by this prospectus. There is no arrangement for funds to be received in escrow, trust or similar arrangement. There is no minimum offering requirement as a condition of closing of this offering. We may sell fewer than all of the securities offered hereby, which may significantly reduce the amount of proceeds received by us. Because there is no escrow account and no minimum number of securities or amount of proceeds, investors could be in a position where they have invested in us, but we have not raised sufficient proceeds in this offering to adequately fund the intended uses of the proceeds as described in this prospectus. See “Risk Factors” for more information regarding risks related to this offering. We will bear all costs associated with the offering. See “Plan of Distribution” for more information regarding these arrangements.

We are an emerging growth company and a smaller reporting company under the federal securities laws and, as such, have elected to comply with certain reduced public company reporting requirements.

Investing in our Common Stock involves a high degree of risk. See the section titled “Risk Factors” beginning on page 12.

	Per Share	Total
Public offering price	\$	\$
Placement agent fees(1)	\$	\$
Proceeds, before expenses, to us	\$	\$

(1) The placement agent fees shall equal 7.0% of the gross proceeds of the securities sold by us in this offering. We refer you to the section titled “Plan of Distribution” beginning on page 28 of this prospectus for additional information regarding Placement Agent compensation.

Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

Sole Placement Agent
Konik Capital Partners
a division of T.R. Winston & Co.

The date of this prospectus is _____, 2026

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We have not, and the placement agent has not, authorized anyone to provide you with information other than in this prospectus or in any free writing prospectus we may authorize to be delivered or made available to you. We take no responsibility for and cannot provide any assurance as to the reliability of any other information others may give you. We are not, and the placement agent is not, making an offer to sell shares of our Common Stock in any jurisdiction where the offer or sale is not permitted. The information in this prospectus or any free writing prospectus is accurate only as of its date, regardless of its time of delivery or of any sale of shares of our Common Stock. Our business, financial condition, results of operations and prospects may have changed since that date.

To the extent there is a conflict between the information contained in this prospectus, on the one hand, and the information contained in any document filed with the Securities and Exchange Commission before the date of this prospectus and incorporated by reference in this prospectus, on the other hand, you should rely on the information in this prospectus. If any statement in a document incorporated by reference is inconsistent with a statement in another document incorporated by reference having a later date, the statement in the document having the later date modifies or supersedes the earlier statement.

For investors outside the United States: we have not, and the placement agent has not, done anything that would permit this offering, or possession or distribution of this prospectus, in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the offering of the shares of our Common Stock and the distribution of this prospectus outside of the United States.

ABOUT THIS PROSPECTUS

This prospectus contains summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed, or will be incorporated by reference as exhibits to the registration statement of which this prospectus forms a part, and you may obtain copies of those documents as described below under the heading “*Where You Can Find More Information.*”

As used in this prospectus, unless otherwise indicated or the context otherwise requires, references to “we,” “us,” “our,” the “Company,” “Registrant,” and “5E” refer to the consolidated operations of 5E Advanced Materials, Inc. and its subsidiaries. All references herein to the “Board” refer to the Board of Directors of the Company.

TRADEMARKS AND TRADE NAMES

This document contains references to trademarks and service marks belonging to other entities. Solely for convenience, trademarks and trade names referred to in this prospectus may appear without the ® or ™ symbols, but such references are not intended to indicate, in any way, that the applicable licensor will not assert, to the fullest extent under applicable law, its rights to these trademarks and trade names. We do not intend our use or display of other companies’ trade names, trademarks or service marks to imply a relationship with, or endorsement or sponsorship of us by, any other companies.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains forward-looking statements. All statements other than statements of historical facts contained in this prospectus, including statements concerning possible or assumed future actions, business strategies, events or results of operations, and any statements that refer to projections, forecasts or other characterizations of future events or circumstances, including any underlying assumptions, are forward-looking statements. These statements involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements.

In some cases, you can identify forward-looking statements by terms such as “may,” “should,” “expect,” “plan,” “anticipate,” “could,” “intend,” “target,” “project,” “contemplate,” “believe,” “estimate,” “predict,” “potential” or “continue” or the negative of these terms or other similar expressions. The forward-looking statements in this prospectus are only predictions. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our business, financial condition and results of operations. These forward-looking statements speak only as of the date of this prospectus and are subject to a number of important factors that could cause actual results to differ materially from those in the forward-looking statements, including the risks, uncertainties and assumptions described under the section in this prospectus titled “*Risk Factors.*” These forward-looking statements are subject to numerous risks, including, without limitation, the following:

- our results of operations and financial position, business strategy, plans and prospects;
- our ability to secure additional financing and continue as a going concern;
- our Preliminary Feasibility Study (as defined below);
- our purchase order commitments;
- the impact of recent hiring decisions on our vision of becoming a leading global supplier of borates and advanced boron materials and our ability to operate the SSF and develop the Project (each as defined below);

- production forecasts and capital expenditure estimates; and
- other risks and uncertainties described in this registration statement, including those under the section entitled “*Risk Factors*.”

Because forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified and some of which are beyond our control, you should not rely on these forward-looking statements as predictions of future events. The events and circumstances reflected in our forward-looking statements may not be achieved or occur, and actual results could differ materially from those projected in the forward-looking statements. Moreover, we operate in an evolving environment. New risk factors and uncertainties may emerge from time to time, and it is not possible for management to predict all risk factors and uncertainties. As a result of these factors, we cannot assure you that the forward-looking statements in this prospectus will prove to be accurate. Except as required by applicable law, we do not plan to publicly update or revise any forward-looking statements contained herein, whether as a result of any new information, future events, changed circumstances, or otherwise.

You should read this prospectus completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of our forward-looking statements by these cautionary statements.

CAUTIONARY NOTE REGARDING RESERVES

Unless otherwise indicated, all mineral resource and reserve estimates included (or incorporated by reference) in this prospectus have been prepared in accordance with, and are based on the relevant definitions set forth in, the SEC’s Mining Disclosure Rules and Regulation S-K 1300 (each as defined below). Mining disclosure in the United States was previously required to comply with SEC Industry Guide 7 (the “SEC Industry Guide 7”) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”). In accordance with the SEC’s Final Rule 13-10570, Modernization of Property Disclosure for Mining Registrant, the SEC has adopted final rules, effective February 25, 2019, to replace SEC Industry Guide 7 with new mining disclosure rules (the “Mining Disclosure Rules”) under sub-part 1300 (Title 17, Part 229, Items 601 and 1300 until 1305) of Regulation S-K (“Regulation S-K 1300”) of the Securities Act of 1933, as amended (the “Securities Act”). Regulation S-K 1300 replaces the historical property disclosure requirements included in SEC Industry Guide 7. Regulation S-K 1300 uses the Committee for Mineral Reserves International Reporting Standards (“CRIRSCO”)-based classification system for mineral resources and mineral reserves and accordingly, under Regulation S-K 1300, the SEC now recognizes estimates of “Measured Mineral Resources,” “Indicated Mineral Resources” and “Inferred Mineral Resources,” and require SEC-registered mining companies to disclose in their SEC filings specified information concerning their mineral resources, in addition to mineral reserves. In addition, the SEC has amended its definitions of “Proven Mineral Reserves” and “Probable Mineral Reserves” to be substantially similar to international standards. The SEC Mining Disclosure Rules more closely align SEC disclosure requirements and policies for mining properties with current industry and global regulatory practices and standards, including the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, referred to as the “JORC Code.” While the SEC now recognizes “Measured Mineral Resources,” “Indicated Mineral Resources” and “Inferred Mineral Resources” under the SEC Mining Disclosure Rules, investors should not assume that any part or all of the mineral deposits in these categories will be converted into a higher category of mineral resources or into mineral reserves. Investors are also cautioned not to assume that any measured mineral resources, indicated mineral resources, or inferred mineral resources are guarantees of actual resource amounts or that such amounts will be economically or legally mineable.

The following terms, as defined in Regulation S-K 1300, apply within this prospectus:

<i>Measured Mineral Resource</i> ("Measured" or "Measured Mineral Resource")	is that part of a mineral resource for which quantity and grade or quality are estimated on the basis of conclusive geological evidence and sampling. The level of geological certainty associated with a measured mineral resource is sufficient to allow a qualified person to apply modifying factors in sufficient detail to support detailed mine planning and final evaluation of the economic viability of the deposit. Because a measured mineral resource has a higher level of confidence than the level of confidence of either an indicated mineral resource or an inferred mineral resource, a measured mineral resource may be converted to a proven mineral reserve or to a probable mineral reserve.
<i>Indicated Mineral Resource</i> ("Indicated" or "Indicated Mineral Resource")	is that part of a mineral resource for which quantity and grade or quality are estimated on the basis of adequate geological evidence and sampling. The level of geological certainty associated with an indicated mineral resource is sufficient to allow a qualified person to apply modifying factors in sufficient detail to support mine planning and evaluation of the economic viability of the deposit. Because an indicated mineral resource has a lower level of confidence than the level of confidence of a measured mineral resource, an indicated mineral resource may only be converted to a probable mineral reserve.
<i>Inferred Mineral Resource</i> ("Inferred" or "Inferred Mineral Resource")	is that part of a mineral resource for which quantity and grade or quality are estimated on the basis of limited geological evidence and sampling. The level of geological uncertainty associated with an inferred mineral resource is too high to apply relevant technical and economic factors likely to influence the prospects of economic extraction in a manner useful for evaluation of economic viability. Because an inferred mineral resource has the lowest level of geological confidence of all mineral resources, which prevents the application of the modifying factors in a manner useful for evaluation of economic viability, an inferred mineral resource may not be considered when assessing the economic viability of a mining project, and may not be converted to a mineral reserve.
<i>Probable Mineral Reserve</i> ("Probable" or "Probable Mineral Reserve")	is the economically mineable part of an indicated and, in some cases, a measured mineral resource.
<i>Proven Mineral Reserve</i> ("Proven" or "Proven Mineral Reserve")	is the economically mineable part of a measured mineral resource and can only result from conversion of a measured mineral resource.

Incorporated by reference as Exhibit 96.1 to the registration statement of which this prospectus forms a part is a Preliminary Feasibility Study and Technical Report Study, dated August 7, 2025 (the "PFS"). The purpose of the PFS is to support the disclosure of mineral resource and reserve estimates for the Project (as defined below), which are further described in the Business and Properties item of the Company's Annual Report on Form 10-K for the year ended June 30, 2025. The PFS was prepared in accordance with the SEC's Mining Disclosure Rules and Regulation S-K Subpart 1300 and Item 601(b)(96) (technical report summary).

UNLESS OTHERWISE EXPRESSLY STATED, NOTHING CONTAINED IN THIS PROSPECTUS IS, NOR DOES IT PURPORT TO BE, A TECHNICAL REPORT SUMMARY PREPARED BY A QUALIFIED PERSON PURSUANT TO AND IN ACCORDANCE WITH THE REQUIREMENTS OF SUBPART 1300 OF SECURITIES EXCHANGE COMMISSION REGULATION S-K.

CAUTIONARY NOTE REGARDING EXPLORATION STAGE COMPANIES

We are an exploration stage company and do not currently have any known mineral reserves and cannot expect to have known mineral reserves unless and until an appropriate technical and economic study is completed for Fort Cady or any of our other properties that shows Proven or Probable Mineral Reserves as defined by Regulation S-K 1300. We currently do not have any Proven or Probable Mineral Reserves. There can be no assurance that Fort Cady or any of our other properties contains or will contain any such SEC-compliant Proven or Probable Mineral Reserves or that, even if such reserves are found, the quantities of any such reserves warrant continued operations or that we will be successful in economically recovering them.

CAUTIONARY NOTE REGARDING INDUSTRY AND MARKET DATA

This prospectus includes or incorporates by reference information concerning our industry and the markets in which we will operate that is based on information from various sources including public filings, internal company sources, various third-party sources and management estimates. Our management estimates regarding our position, share and industry size are derived from publicly available information and its internal research, and are based on a number of key assumptions made upon reviewing such data and our knowledge of such industry and markets, which we believe to be reasonable. While we believe the industry, market and competitive position data included or incorporated by reference in this prospectus is reliable and is based on reasonable assumptions, such data is necessarily subject to a high degree of uncertainty and risk and is subject to change due to a variety of factors, including those described in “*Cautionary Note Regarding Forward-Looking Statements*,” “*Risk Factors*” and elsewhere in this prospectus. These and other factors could cause results to differ materially from those expressed in the estimates included in this prospectus. We have not independently verified any data obtained from third-party sources and cannot assure you of the accuracy or completeness of such data.

PROSPECTUS SUMMARY

This summary highlights selected information contained elsewhere in this prospectus or incorporated by reference herein. Before investing in our Common Stock, you should carefully read this entire prospectus, including the information incorporated by reference herein, especially the matters discussed in the information set forth under the sections titled “Cautionary Note Regarding Forward-Looking Statements,” “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and our financial statements and notes thereto.

Company Overview

We are a development stage company focused on becoming a vertically integrated global leader and supplier of specialty boron and advanced boron derivative materials whose mission is to enable decarbonization, increase food security, and ensure domestic supply of critical materials. Our business strategy and objectives are to develop capabilities ranging from upstream extraction and product sales of boric acid, lithium carbonate and potentially other calcium co-products, to downstream boron advanced material processing and development. Our vision is to safely process boric acid and lithium carbonate through sustainable best practices. We hold 100% of the rights through ownership and lode claims filed with the United States Bureau of Land Management in the 5E Boron Americas (Fort Cady) Complex located in southern California (the “Project”), through our wholly owned subsidiary 5E Boron Americas LLC. Our Project is underpinned by a mineral resource that includes boron and lithium, with the boron being contained in a conventional boron mineral known as colemanite. In 2022, our facility was designated as Critical Infrastructure by the U.S. Department of Homeland Security’s Cybersecurity and Infrastructure Security Agency. We believe the Project represents one of the most compelling domestic critical material projects in the United States as a strategically located operation that targets stable long-term demand, with a defined pathway to production and a low-cost, high margin and profitable financial profile.

We hold 100% of the ownership rights in the Project through our wholly owned subsidiary, 5E Boron Americas, LLC (f/k/a Fort Cady (California) Corporation). Through a multi-phased approach, we plan to develop the Project into a large-scale boron and lithium complex. The Project is based on a conventional colemanite deposit, which is a hydrated calcium borate mineral found in evaporite deposits, and we believe it is one of the largest known new conventional boron deposits globally. The deposit hosts a mineral resource and mineral reserve from which we intend to extract and process into boric acid, boron advanced materials, lithium carbonate, and other calcium co-products on a commercial scale. These materials are scarce in resource, currently subject to supply risk as a large portion of their consumption in the United States is sourced from foreign producers and are essential for supporting critical industries. When the Project is successfully developed, we believe that we can become an important supplier helping to provide supply security for these materials in the United States. The importance of the Project has been recognized by it being designated as Critical Infrastructure by the Department of Homeland Security’s Cybersecurity and Infrastructure Security Agency. The Project is also expected to serve as an important supply source of boric acid that we intend to process and develop into boron specialty and advanced materials over time.

In November 2023, the U.S. Environmental Protection Agency provided authorization to begin in-situ mining operations pursuant to an Underground Injection Control permit and in January 2024, we began well-field injection with hydrochloric acid and water to begin extracting valuable minerals from the Project in the form of a Pregnant Leach Solution (“PLS”). The initial high-quality run-of-mine head grade of boric acid provided validation of our initial operational assumptions.

In April 2024, we commenced operation of our small-scale boron facility (the “SSF”), which has served as a foundation for the design, engineering, and cost optimization for our proposed large-scale complex, as well as serving as the source of product for our customer qualification and offtake contract efforts. The SSF is an

essential step in the overall Project development plan and is serving as our initial extraction and processing facility. Shortly after we began to process the PLS at the SSF we produced our first batch of boric acid. During July 2024, we sent out our first samples of boric acid produced at the SSF to potential customers, and during April 2025, we were notified by a leading global specialty glass manufacturer that they had successfully produced specialty glass utilizing our boric acid. As of September 2025, we were aware of approximately 14 customers who had successfully qualified our boric acid through a combination of laboratory evaluation, field trials and truckload-scale shipments. We believe that the progress observed in our customer qualification efforts will facilitate discussions with stakeholders about funding options for Phase 1 of the commercial facility and securing commercial contracts for our future products.

Additionally, on January 8, 2026, we announced that our boric acid successfully passed all qualification parameters in a 20-ton commercial tank trial conducted by a major U.S.-headquartered LCD glass manufacturer, concluding a multi-stage qualification program that includes lab analysis, a supply chain trial, and a successful commercial tank trial. We believe this demonstrates our ability to deliver an on-spec product at commercial quantities, including logistics and handling performance, and represents an important milestone in our commercialization strategy.

Concurrently with the commissioning of wellfield and start-up of the SSF, during January 2024 we selected Fluor Corporation (“Fluor”) as our Engineering, Procurement and Construction Management Firm service provider to lead our FEL-2 engineering program. During August 2025, Fluor completed the FEL-2 engineering for our proposed commercial scale facility, which culminated in the issuance of a S-K 1300 compliant Preliminary Feasibility Study (the “PFS”). The PFS included a capital estimate of approximately \$435 million to construct the proposed commercial-scale facility capable of producing 130,000 short tons of boric acid per annum, inclusive of \$55 million for contingency and approximately \$13 million of owner’s costs, and resulted in approximately 41% of the Project’s total resource being converted into approximately 5.3 million short tons of boric acid reserves, and a resultant 39.5 year mine life. We target commencing commercial production in the latter half of calendar year 2028 or early 2029.

We plan to continue to operate the SSF for the foreseeable future to provide additional boric acid to potential customers, advance the design of our commercial-scale wellfield design and operating methods, and refine the production process for our two proposed byproducts; calcium chloride and gypsum. As a result of our operations, we have developed a novel mining and production process via closed-loop in-situ leach (“ISL”) technology that is designed to minimize waste, reduce reagent consumption, lower water and energy use, and limit surface disturbance compared with conventional open-pit mining. These advantages are aligned with increasing demand from customers and end-markets for more sustainable mineral production. We have filed an omnibus application with the United States Patent and Trademark Office for this process and, if granted, believe it will create meaningful barriers to competitors seeking to replicate our ISL technology.

While our immediate focus is on our efforts to establish the proposed commercial-scale facility and our ability to commercially produce salable products, including boric acid, calcium chloride and gypsum, we remain dedicated to opportunistically developing downstream boron advanced materials processing capabilities to extract greater value out of the boron supply chain.

Preliminary Financial Information as of December 31, 2025

While we have not completed our quarter-end financial close process, we expect to report that we had approximately \$0.6 million of cash and cash equivalents as of December 31, 2025. This amount is preliminary, has not been audited and is subject to change upon completion of our financial statement closing procedures, and any changes could be material. Additional information and disclosures would be required for a more complete understanding of our financial position as of December 31, 2025, which are not available as of the date of this prospectus supplement.

The preliminary financial data included in this prospectus supplement has been prepared by, and is the responsibility of, management of the Company. Our independent registered public accounting firm, PricewaterhouseCoopers LLP, has not audited, reviewed, compiled or applied agreed-upon procedures with respect to the preliminary financial data set forth above. Accordingly, PricewaterhouseCoopers LLP does not express an opinion or any other form of assurance with respect thereto. We expect to complete our unaudited financial statements as of and for the quarter ended December 31, 2025 subsequent to the completion of this offering. Accordingly, undue reliance should not be placed on this preliminary estimate.

Risks Associated with Our Business

Our business is subject to a number of risks of which you should be aware before making an investment decision. In particular, you should consider the risk factors described in the section entitled “*Risk Factors*” beginning on page 12. Such risks include, but are not limited to, the following:

- There is substantial doubt regarding our ability to continue as a going concern.
- We will need to obtain additional financing to continue as a going concern and advance our development and operations.
- We have incurred significant net operating losses since our inception and anticipate the same for the foreseeable future.
- Our future performance is difficult to evaluate because we have no or only a limited operating history.
- Our inability to continue operating the SSF or complete further technical and economic studies may impact the Project.
- We have invested and plan to continue to invest significant amounts of capital in the Project.
- We have a limited history of mineral production and we may not be able to successfully achieve our business strategies.
- We may be unable to develop or acquire certain intellectual property required to implement our business strategy.
- Third parties may claim that we infringe on their proprietary intellectual property rights.
- All of our business activities are now in the development stage, but may not result in commercial development.
- The mining industry is historically a cyclical industry and market fluctuations could adversely affect our business.
- Industry consolidation may result in increased competition.
- We are subject to significant environmental and government regulations and compliance costs are significant.
- We are required to obtain, maintain, and renew governmental permits which is often costly and time-consuming.
- Litigation or arbitration proceedings may be commenced against us and adverse rulings may adversely affect our business.
- We are vulnerable to the risks associated with operating in a single geographic region.
- The operation or development of our facilities could be adversely affected by other parties.
- Our largest stockholders control a significant percentage of our voting power and may be able to exert significant control over the direction of our business.

- Exercise of our outstanding warrants will dilute the ownership interest of our existing stockholders or may otherwise depress the price of our Common Stock.

Implications of Being an Emerging Growth Company and Smaller Reporting Company

We are an “emerging growth company”, as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act. An emerging growth company may take advantage of specified reduced reporting and other burdens that are otherwise applicable generally to public companies. Some of these exemptions include:

- we are required to report only two years of audited financial statements and only two years of related selected financial data and Management’s Discussion and Analysis of Financial Condition and Results of Operations disclosure;
- we are not required to engage an auditor to report on our internal control over financial reporting pursuant to Section 404(b) of the Sarbanes-Oxley Act of 2002, as amended, or the Sarbanes-Oxley Act;
- we are permitted to take advantage of extended transition periods for complying with new or revised accounting standards which allows an emerging growth company to delay the adoption of some accounting standards until those standards would otherwise apply to private companies;
- we are not required to submit certain executive compensation matters to stockholder advisory votes, such as “say-on-pay,” “say-on-frequency,” and “say-on-golden parachutes;” and
- we are not required to comply with certain disclosure requirements related to executive compensation, such as the requirement to disclose the correlation between executive compensation and performance and the requirement to present a comparison of our Chief Executive Officer’s compensation to our median employee compensation.

We will remain an emerging growth company until the earlier of (1) June 30, 2027, (2) the last day of the fiscal year in which we have total annual gross revenue of at least \$1.235 billion, (3) the last day of the fiscal year in which the market value of our Common Stock that is held by non-affiliates exceeds \$700 million as of the prior December 31st, and (4) the date on which we have issued more than \$1.0 billion in non-convertible debt during the prior three-year period. We have chosen to take advantage of some but not all of these available exemptions. We have elected to adopt the reduced requirements with respect to our financial statements and the related selected financial data and “*Management’s Discussion and Analysis of Financial Condition and Results of Operations*” disclosure incorporated by reference in this prospectus. As a result, the information that we provide to stockholders may be different than the information you may receive from other public companies in which you hold equity.

We are also a “smaller reporting company,” meaning that the market value of our shares held by non-affiliates plus the proposed aggregate amount of gross proceeds to us as a result of this offering is less than \$700 million and our annual revenue was less than \$100 million during the most recently completed fiscal year. We may continue to be a smaller reporting company after this offering if either (i) the market value of our shares held by non-affiliates is less than \$250 million or (ii) our annual revenue was less than \$100 million during the most recently completed fiscal year and the market value of our shares held by non-affiliates is less than \$700 million. If we are a smaller reporting company at the time we cease to be an emerging growth company, we may continue to rely on exemptions from certain disclosure requirements that are available to smaller reporting companies. Specifically, as a smaller reporting company, we may choose to present only the two most recent fiscal years of audited financial statements in our Annual Report on Form 10-K and, similar to emerging growth companies, smaller reporting companies have reduced disclosure obligations regarding executive compensation.

Corporate Information

American Pacific Borates Limited, our former parent company (“ABR”), was incorporated in October 2016 under the laws of Western Australia for the purpose of acquiring the rights in the Project from Atlas Precious Metals, Inc. The acquisition of Fort Cady (California) Corporation was completed in May 2017 and ABR’s ordinary shares were subsequently admitted for official quotation on the Australian Securities Exchange (the “ASX”) in July 2017. We were incorporated in the State of Delaware on September 23, 2021 as a wholly owned subsidiary of ABR.

Pursuant to a statutory Scheme of Arrangement under Part 5.1 of the Australian Corporations Act, 2001 (Cth), we listed our Common Stock on Nasdaq and de-listed ABR from the ASX in March 2022. In connection with a series of out-of-court restructuring transactions consummated in January 2024, we issued shares of our Common Stock and CDIs, each representing an interest in one-tenth of a share of our Common Stock, to ABR’s shareholders, and ABR became our wholly owned subsidiary.

Our principal executive offices are located at 9329 Mariposa Road, Ste 210, Hesperia, CA 92344 and our telephone number is (442) 221-0225. Our website address is <http://www.5eadvancedmaterials.com>. The information contained on, or that can be accessed through, our website is not incorporated by referenced into this prospectus and does not constitute a part of this prospectus. We have included our website address in this prospectus solely as an inactive textual reference.

THE OFFERING

Common Stock offered by us	8,720,930 shares of Common Stock, assuming a public offering price of \$3.44, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026.
Common Stock to be outstanding immediately after this offering	32,232,813 shares (assuming the sale of 8,720,930 shares of common stock offered pursuant to this prospectus).
Use of Proceeds	We estimate that the net proceeds to us from this offering will be approximately \$27.4 million (assuming the sale of the maximum number of shares of common stock offered pursuant to this prospectus, based on the assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, and after deducting the estimated placement agent fees and estimated offering expenses payable by us. We currently intend to use the net proceeds from this offering, together with our existing cash, cash equivalents and marketable securities, for the operation of our small-scale boron facility (“SSF”), wellfield development and finalization of commercial mine plan, FEED engineering, and general corporate purposes. See “ <i>Use of Proceeds.</i> ”
Risk Factors	See “ <i>Risk Factors</i> ” beginning on page 11 and other information included in this prospectus for a discussion of factors you should carefully consider before deciding to invest in the securities being offered by this prospectus.
Reasonable Best Efforts	<p>We have agreed to offer and sell the securities offered hereby directly to the purchasers. We have retained the placement agent to act as our exclusive placement agent to use its reasonable best efforts to solicit offers to purchase the securities offered by this prospectus. The placement agent is not required to buy or sell any specific number or dollar amount of the securities offered hereby.</p> <p>The information contained in this prospectus assumes the sale of the full amount of securities set forth on the cover page of this prospectus. However, because this offering is being conducted on a reasonable best efforts basis with no minimum number of securities or amount of proceeds as a condition to closing, the actual offering amount, placement agent fees, net proceeds, dilution and certain other matters are not presently determinable and may be substantially different than the amounts set forth herein.</p> <p>See “Plan of Distribution” for additional information.</p>
Trading Symbol	Our Common Stock is listed and traded on Nasdaq under the symbol “FEAM.” Our CDIs are listed on the ASX under the symbol “5EA” with ten CDIs representing an interest in one share of our Common Stock.

The number of our Common Stock to be outstanding immediately after this offering is based on an aggregate of 23,511,883 shares of our Common Stock outstanding as of September 30, 2025, after giving effect to the issuance of 1,067,296 shares upon the exercise of outstanding warrants on December 4, 2025, and excludes:

- 646,487 options outstanding as of September 30, 2025, with a weighted-average exercise price of \$18.31 per share;
- 53,914 restricted share and performance share awards (“Awards”) outstanding as of September 30, 2025;
- 6,096,462 shares of Common Stock issuable upon exercise of warrants outstanding as of September 30, 2025, at a weighted-average exercise price of \$4.68 per share; and
- up to 2,816,346 shares of Common Stock issuable upon exercise of warrants issued after September 30, 2025, at an exercise price of \$3.5507, which remain unvested and unexercisable as of the date of this prospectus.

Unless otherwise indicated, all information contained in this prospectus assumes or gives effect to the following:

- the sale of the maximum number of shares of Common Stock offered pursuant to this prospectus;
- an assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026;
- no exercise of outstanding options or settlement of outstanding Awards mentioned above; and
- no exercise of the outstanding warrants mentioned above.

RISK FACTORS

Investing in our Common Stock involves a high degree of risk. You should consider carefully the risks and uncertainties described below, as well as the risks and uncertainties set forth under the heading “Risk Factors” in our Annual Report on Form 10-K for the year ended June 30, 2025, which is incorporated by reference herein, and all of the other information in this prospectus and the documents incorporated by reference herein before deciding whether to purchase shares of our Common Stock. The risks and uncertainties described below are not the only ones we face. Additional risks and uncertainties that we are unaware of, or that we currently believe are not material, may also become important factors that affect us. If any of the following risks are realized, our business, financial condition, results of operations and prospects could be materially and adversely affected. In that event, the price of our Common Stock could decline, and you could lose part or all of your investment.

Risks Related to this Offering

There is substantial doubt regarding our ability to continue as a going concern. Following this offering, we will still need to raise substantial additional funding, which may not be available on acceptable terms, if at all, to be able to continue as a going concern and advance our Project.

There is substantial doubt regarding our ability to continue as a going concern. Our existence in our current form is dependent upon our ability to obtain additional capital. Our cash and cash equivalents following this offering will not be sufficient to fund our long-term operations. Raising funds in the current economic environment is challenging and financing may not be available in sufficient amounts or on acceptable terms, if at all. The issuance of additional securities, whether equity or debt, or the possibility of such issuance, may cause the market price of our Common Stock to decline. The sale of additional equity or debt securities may dilute the ownership of existing stockholders.

Following this offering, we will need to obtain additional financing to continue as a going concern and to continue our ongoing development and proposed operations.

Following this offering, we will still require significant additional funds in the future through equity or debt financings, government funding or grants, private capital, royalty agreements or customer prepayments, or other strategic alliances with third parties, either alone or in combination to fund our business plan and to complete our mining exploration initiative. Our business plan, which includes the development of the Project, has required and will continue to require substantial capital expenditures. We will require financing to fund our engineering phases, development, construction, and initial commercial production activities and are required to raise additional capital in respect of continuing our proposed mining exploration program, pre-production activities, including the SSF, legal, operational set-up, general and administrative, marketing, employee salaries and other related expenses. For example, in September 2024, we received and have previously announced a non-binding letter of intent from the Export-Import Bank of the United States (“EXIM”) for a loan-backed guarantee on project debt financing of up to \$285 million for our proposed commercial scale facility. We have had continued engagement with representatives from EXIM and submitted a formal application during November of 2025 for a \$10.0 million funding package. However, we cannot make any assurances that the loan package will be finalized on a timely basis, on the currently proposed terms, or at all.

If we are unable to raise adequate funds, we may have to delay, reduce the scope of or eliminate some or all of our business plan expenditures, and the failure to procure such required financing could have a material and adverse effect on our business, liquidity, financial condition and results of operations as well as our ability to continue as a going concern. If we are unable to continue as a going concern, we might have to liquidate our assets and the values we receive for our assets in liquidation or dissolution could be significantly lower than the values reflected in our financial statements. The inclusion of the going concern explanatory paragraph by our auditors, our lack of cash resources and our potential inability to continue as a going concern may materially adversely affect our business, share price, and our ability to raise new capital or to enter into critical contractual relations with third parties due to concerns about our ability to meet our contractual obligations.

Obtaining additional funding will be subject to various additional factors, including investor acceptance of our business plan, the status of our development program and ongoing results from our exploration and development efforts. If we are not able to secure adequate additional funding when needed, we will need to re-evaluate our operating plan and may be forced to make significant reductions in spending, extend payment terms with suppliers, liquidate assets where possible, limit, suspend or curtail planned development programs and cease operations entirely. Having insufficient funds may also require us to relinquish rights to assets and technology that we would otherwise prefer to develop ourselves, or on less favorable terms than we would otherwise choose. The foregoing actions and circumstances could materially adversely impact our business, liquidity, results of operations and future prospects.

Any such required financing may not be available in amounts or on terms acceptable to us or at all, and the failure to procure such required financing could have a material and adverse effect on our business, financial condition and results of operations, or threaten our ability to continue as a going concern. In addition, if we are unsuccessful in raising the required funds, we may need to modify our operational plans to continue as a going concern, and we may have to delay, reduce the scope of or eliminate some or all of our planned development activities or proposed exploration programs at the Project and elsewhere. In the event additional capital resources are unavailable, we may also be forced to sell some or all of our properties in an untimely fashion or on less than favorable terms. Any of these factors could harm our operating results.

Until successful commercial production is achieved from the Project, allowing for the generation of sufficient revenue to fund our continuing operations, we will continue to incur operating and investing net cash outflows associated with, among other things, developing the Project, maintaining our properties and undertaking ongoing exploration and optimization activities. As a result, we rely on access to capital markets as a source of funding for our capital and operating requirements. We require additional capital to fund our ongoing operations, define mineralization and bring the Project into production, which will require funds for construction and working capital. We cannot assure you that such additional funding will be available to us on satisfactory terms, or at all, or that we will be successful in commencing and maintaining commercial borates or lithium extraction, production of boron advanced materials, or that our sales projections for these and other products will be realized.

Depending on the type and the terms of any financing we pursue, stockholders' rights and the value of their investment in our Common Stock could be reduced. Any additional equity financing will dilute stockholdings, and new or additional debt financing, if available, may involve restrictions on financing and operating activities. In addition, if we issue secured debt securities, the holders of the debt would have a claim to our assets that would be prior to the rights of shareholders until the debt is paid. Interest on such debt securities would increase costs and negatively impact operating results. If the issuance of new securities results in diminished rights to holders of our Common Stock and, the market price of our Common Stock could be negatively impacted. Any sale of securities will also need to comply with the applicable rules of the stock exchanges on which our securities are listed or quoted for trading. Further, strategic collaboration or royalty agreements may provide us with non-dilutive or minimally dilutive financing but adversely impact our future results of operations or capital resources. Following this offering, there is no guarantee that we will be able to secure any additional funding or be able to secure funding which will provide us with sufficient funds to meet our objectives, which may adversely affect our business and financial position.

This offering is being conducted on a reasonable best efforts basis, with no minimum amount of securities required to be sold, and we may sell fewer than all of the securities offered hereby.

The placement agent has agreed to use its reasonable best efforts to solicit offers to purchase the securities in this offering. The placement agent has no obligation to buy any of the securities from us or to arrange for the purchase or sale of any specific number or dollar amount of the securities. There is no required minimum number of securities that must be sold as a condition to complete this offering. As there is no minimum offering amount required as a condition to the closing of this offering, the actual offering amount, placement agent fees and

proceeds to us are not presently determinable and may be substantially less than the maximum amounts set forth in this prospectus. We may sell fewer than all of the securities offered hereby, which would significantly reduce the amount of proceeds received by us, and investors in this offering will not receive a refund in the event that we do not sell all of the securities offered in this offering. The success of this offering will impact our ability to use the proceeds to execute our business plans, including as described under “Use of Proceeds.” We may have insufficient capital to implement our business plans, potentially resulting in greater operating losses or dilution unless we are able to raise capital from alternative sources.

We have broad discretion in the use of our cash, cash equivalents and marketable securities, including the net proceeds from this offering, and may use them ineffectively, in ways with which you do not agree or in ways that do not increase the value of your investment.

Our management will have broad discretion in the application of our cash, cash equivalents and marketable securities, including the net proceeds from this offering, and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our Common Stock. The failure by our management to apply these funds effectively could result in additional operating losses that could have a negative impact on our business, cause the price of our Common Stock to decline and delay the development of our Project. Pending their use, we may invest our cash, cash equivalents and marketable securities, including the net proceeds from this offering, in a manner that does not produce income or that loses value. See the section titled “Use of Proceeds” for additional information.

If you purchase our securities in this offering, you will suffer immediate dilution of your investment.

The public offering price of our Common Stock will be substantially higher than the as adjusted net tangible book value per share as of September 30, 2025. Therefore, if you purchase our Common Stock in this offering, you will pay a price per share of Common Stock that substantially exceeds our as adjusted net tangible book value per share immediately after this offering. Based on the assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, and after deducting the estimated placement agent fees and estimated offering expenses payable by us, you will experience immediate dilution of \$0.69 per share, representing the difference between our as adjusted net tangible book value per share after this offering and the assumed public offering price per share. After this offering, we will also have outstanding options and warrants to purchase shares of our Common Stock. To the extent these outstanding options or warrants are exercised, there will be further dilution to investors in this offering. See the section titled “Dilution” for additional information.

You may experience future dilution as a result of future equity offerings.

To raise additional capital, we may in the future offer additional equity securities at prices that may not be the same as the price per share of Common Stock in this offering. We may sell shares of Common Stock or other equity securities in any other offering at a price per share that is less than the price per share paid by investors in this offering, and investors purchasing Common Stock or other securities in the future could have rights superior to existing shareholders. The price per share of Common Stock at which we sell additional shares of Common Stock, or convertible securities or other equity securities, in future transactions may be higher or lower than the price per share paid by investors in this offering.

Future sales of our Common Stock in the public market could cause the market price of our Common Stock to decline.

Sales of a substantial number of shares of our Common Stock in the public market, or the perception that these sales might occur, could depress the market price of our Common Stock and could impair our ability to raise capital through the sale of additional equity securities. We are unable to predict the effect that such sales may have on the prevailing market price of our Common Stock.

As of January 26, 2026, we had outstanding a total of 23,511,883 shares of Common Stock (without giving effect to any of the share issuances that occurred after January 26, 2026). All of our outstanding shares as of such date were eligible for sale in the public market, other than shares and options held by directors, executive officers, and other affiliates that are subject to volume limitations under Rule 144 of the Securities Act of 1933, as amended, or the Securities Act, and various vesting agreements.

Future sales also could cause the trading price of our Common Stock to decline and make it more difficult for investors to sell shares of our Common Stock.

USE OF PROCEEDS

We estimate that the net proceeds to us from this offering will be approximately \$27.4 million (assuming the issuance and sale of the maximum number of shares of common stock offered pursuant to this prospectus), based on the assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, and after deducting the estimated placement agent fees and estimated offering expenses payable by us. However, because this offering is being conducted on a reasonable best efforts basis with no minimum number of securities or amount of proceeds as a condition to closing, the actual net proceeds that we receive is not presently determinable and may be substantially less.

Each \$1.00 increase or decrease in the assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, would increase or decrease, as applicable, the net proceeds to us from this offering by approximately \$8.1 million, assuming the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated placement agent fees and estimated offering expenses payable by us. Similarly, each increase or decrease of 1.0 million shares in the number of shares of Common Stock offered and sold by us would increase or decrease, as applicable, the net proceeds to us from this offering, after deducting the estimated placement agent fees and estimated offering expenses payable by us, by approximately \$3.2 million, assuming the assumed public offering price stays the same. The information discussed above is illustrative only and will adjust based on the actual public offering price and other terms of this offering determined at pricing.

We currently intend to use the net proceeds from this offering, together with our existing cash, cash equivalents and marketable securities, for the operation of our SSF, wellfield development and finalization of commercial mine plan, FEED engineering, and general corporate purposes.

Our management will have broad discretion in the application of the net proceeds from this offering, and investors will be relying on the judgment of our management regarding the application of those net proceeds. The timing and amount of our actual expenditures will be based on many factors, including the anticipated growth of our business. Pending the uses described above, we plan to invest the net proceeds in a variety of capital preservation instruments, including short-term, interest-bearing obligations, investment-grade instruments, certificates of deposit and direct or guaranteed obligations of the United States.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our capital stock. We currently intend to retain all available funds and future earnings, if any, to fund the development and growth of the business, and therefore, do not anticipate declaring or paying any cash dividends on our Common Stock in the foreseeable future. Any future determination related to our dividend policy will be made at the discretion of our board of directors after considering our business prospects, results of operations, financial condition, cash requirements and availability, debt repayment obligations, capital expenditure needs, contractual restrictions, covenants in the agreements governing current and future indebtedness, industry trends, the provisions of Delaware law affecting the payment of dividends and distributions to stockholders and any other factors or considerations the board of directors deems relevant.

DILUTION

If you invest in our Common Stock in this offering, your ownership interest will be immediately and substantially diluted to the extent of the difference between the public offering price per share and the as adjusted net tangible book value per share of our Common Stock immediately after this offering.

As of September 30, 2025, our historical net tangible book value was \$59.2 million, or \$2.64 per share of our Common Stock, based on 22,444,587 shares of Common Stock issued and outstanding as of such date. Our historical net tangible book value per share represents total tangible assets less total liabilities, divided by the number of shares of Common Stock outstanding at September 30, 2025. After giving effect to the issuance of 1,067,296 shares upon the exercise of outstanding warrants on December 4, 2025 and the net proceeds received thereof, our as adjusted net tangible book value as of September 30, 2025 was \$61.2 million, or \$2.60 per share.

After giving effect to the sale and issuance of 8,720,930 shares of our Common Stock in this offering at an assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, and after deducting the estimated placement agent fees and estimated offering expenses payable by us, our as further adjusted net tangible book value as of September 30, 2025 would have been approximately \$88.7 million, or approximately \$2.75 per share. This amount represents an immediate increase in as adjusted net tangible book value of approximately \$0.15 per share to our existing stockholders and an immediate dilution in as adjusted net tangible book value of approximately \$0.69 per share to new investors purchasing shares of Common Stock in this offering.

Dilution per share to new investors is determined by subtracting as further adjusted net tangible book value per share after this offering from the public offering price per share paid by new investors. The following table illustrates this dilution (assuming the issuance and sale of the maximum number of shares of common stock offered pursuant to this):

Assumed public offering price per share	\$3.44
As adjusted net tangible book value per share as of September 30, 2025	\$2.60
Increase in as adjusted net tangible book value per share attributable to new investors participating in this offering . . .	\$0.15
As further adjusted net tangible book value per share after this offering	\$2.75
Dilution per share to new investors participating in this offering	\$0.69

Each \$1.00 increase or decrease in the assumed public offering price of \$3.44 per share, the last reported sale price of our Common Stock on Nasdaq on January 26, 2026, would increase or decrease, as applicable, the as further adjusted net tangible book value per share after this offering by approximately \$0.18 per share, and dilution in as further adjusted net tangible book value per share to new investors by approximately \$0.82 per share, assuming that the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated placement agent fees and the estimated offering expenses payable by us. Each increase of 1.0 million shares in the number of shares of Common Stock offered and sold by us would increase our as further adjusted net tangible book value per share after this offering by approximately \$0.01 per share and decrease the dilution to investors participating in this offering by approximately \$0.01 per share, assuming that the assumed public offering price of \$3.44 per share remains the same, and after deducting the estimated placement agent fees and the estimated offering expenses payable by us. Each decrease of 1.0 million shares in the number of shares of Common Stock offered and sold by us would decrease our as further adjusted net tangible book value per share after this offering by approximately \$0.01 per share and increase the dilution to investors participating in this offering by approximately \$0.01 per share,

assuming that the assumed public offering price of \$3.44 per share remains the same, and after deducting the estimated placement agent fees and the estimated offering expenses payable by us.

The dilution information above is for illustration purposes only. Our as adjusted net tangible book value following the closing of this offering will depend on the actual public offering price and other terms of this offering determined at pricing.

The foregoing table and calculations are based on an aggregate of 23,511,883 shares of our Common Stock outstanding as of September 30, 2025, after giving effect to the issuance of 1,067,296 shares upon the exercise of outstanding warrants on December 4, 2025, and excludes:

- 646,487 options outstanding as of September 30, 2025, with a weighted-average exercise price of \$18.31 per share;
- 53,914 Awards outstanding as of September 30, 2025; and
- 6,096,462 shares of Common Stock issuable upon exercise of warrants outstanding as of September 30, 2025, at a weighted-average exercise price of \$4.68 per share.
- up to 2,816,346 shares of Common Stock issuable upon exercise of warrants issued after September 30, 2025, at an exercise price of \$3.5507, which remain unvested and unexercisable as of the date of this prospectus.

To the extent any outstanding options are exercised, new options or other equity awards are issued under our equity incentive plans, or we issue additional equity or convertible securities in the future, there will be further dilution to new investors participating in this offering.

DESCRIPTION OF CAPITAL STOCK

Description of Capital Stock

The following description of our capital stock is a summary. The following description of our securities is not complete and may not contain all the information you should consider before investing in our securities. This description is summarized from, and qualified in its entirety by reference to, the complete text of our Amended and Restated Certificate of Incorporation and Bylaws are each included as exhibits to the registration statement of which this prospectus forms a part and are incorporated by reference herein.

Our authorized capital stock is 380,000,000 shares divided into 360,000,000 shares of Common Stock, par value of \$0.01 per share, and 20,000,000 shares of preferred stock, par value of \$0.01 per share.

Common Stock

Except as otherwise required by law, as provided in our Amended and Restated Certificate of Incorporation or as provided in the resolution or resolutions, if any, adopted by our Board with respect to any series of the preferred stock, the holders of our Common Stock will exclusively possess all voting power. Each holder of shares of Common Stock will be entitled to one vote for each share held by such holder. Our Amended and Restated Certificate of Incorporation and Bylaws provide that holders of one-third (1/3) in voting power of the shares entitled to vote, present in person or represented by proxy, will constitute a quorum at all meetings of stockholders for the transaction of business. When a quorum is present, the affirmative vote of a majority of the votes cast is required to take action, unless otherwise specified by law, our Bylaws or our Amended and Restated Certificate of Incorporation, and except for any action to amend, alter or repeal our Bylaws, which shall require the affirmative vote of at least 66 2/3% of the voting power of the shares of then-outstanding voting stock entitled to vote generally in the election of directors, voting together as a single class. Subject to the rights of holders of any series of outstanding preferred stock, holders of shares of our Common Stock will have equal rights of participation in the dividends and other distributions in cash, stock or property of the Company when, as and if declared thereon by our Board from time to time out of assets or funds legally available therefor and will have equal rights to receive the assets and funds of the Company available for distribution to stockholders in the event of any liquidation, dissolution or winding up of the affairs of the Company, whether voluntary or involuntary.

CDIs

CDIs confer the beneficial ownership of our Common Stock on each CDI holder, with the legal title to such securities held by an Australian depository entity, CHESSE Depository Nominees Pty Ltd. (the “Depository Nominee”). The Depository Nominee will be the registered holder of those shares of our Common Stock held for the benefit of holders of CDIs. The Depository Nominee does not charge a fee for providing this service. Ten CDIs will represent an interest in one share of our Common Stock. Holders of CDIs will not hold the legal title to the underlying shares of our Common Stock to which the CDIs relate, as the legal title will be held by the Depository Nominee. Each holder of CDIs will, however, have a beneficial interest in the underlying shares in our Common Stock. Each holder of CDIs that elects to vote at a stockholders meeting will be entitled to one vote for every 10 CDIs held by such holder. In order to vote at a stockholder meeting, a CDI holder may:

- instruct the Depository Nominee, as legal owner of the shares of Common Stock, to vote the Common Stock represented by their CDIs to vote the shares of our Common Stock represented by their CDIs in a particular manner. A voting instruction form will be sent to holders of CDIs and must be completed and returned to the share registry for the CDIs prior to a record date fixed for the relevant meeting (the “Voting Instruction Receipt Time”), which is notified to CDI holders in the voting instructions included in a notice of meeting;
- inform us that they wish to appoint themselves or a third party as the Depository Nominee’s proxy with respect to our shares of Common Stock underlying the holder’s CDIs for the purposes of attending and

voting at the meeting. The instruction form must be completed and returned to the share registry for the CDI prior to the CDI Voting Instruction Receipt Time; or

- convert their CDIs into shares of our Common Stock and vote those shares at the meeting. The conversion must be undertaken prior to a record date fixed by the Board for determining the entitlement of members to attend and vote at the meeting. If the holder later wishes to sell their investment on the ASX, it would first be necessary to convert those shares of Common Stock back to CDIs. Further details on the conversion process are set out below.

Voting instruction forms and details of these alternatives are included in each notice of meeting sent to CDI holders by the Company.

Conversion of CDIs to Shares of Common Stock

CDI holders may at any time convert their CDIs to a holding of shares of Common Stock by instructing the share registry for the CDIs, either:

- Directly in the case of CDIs held on the issuer sponsored sub-register operated by the Company (holders of CDIs will be provided with a CDI issuance request form to return to the share registry for the CDIs); or
- Through their “sponsoring participant” (usually their broker) in the case of CDIs which are held on the CHESS sub-register (in this case, the sponsoring broker will arrange for completion of the relevant form and its return to the share registry for the CDIs).

In both cases, once the share registry for the CDIs has been notified, it will arrange the transfer of the relevant number of shares of Common Stock from the Depository Nominee into the name of the CDI holder in book entry form or, if requested, deliver the relevant shares of Common Stock to their DTC participant in the United States Central Securities Depository. The share registry for the CDIs will not charge a fee for the conversion (although a fee may be payable by market participants). Holding shares of Common Stock will, however, prevent a person from selling their shares of Common Stock on the ASX, as only CDIs can be traded on that market.

Conversion of Shares of Common Stock to CDIs

Shares of Common Stock may be converted into CDIs and traded on the ASX. Holders of shares of Common Stock may at any time convert those shares to CDIs by contacting the Company’s transfer agent. The underlying shares of Common Stock will be transferred to the Depository Nominee, and CDIs (and a holding statement for the corresponding CDIs) will be issued to the relevant security holder. No trading in the CDIs may take place on the ASX until this conversion.

The Company’s transfer agent will not charge a fee to a holder of shares of Common Stock seeking to convert their shares of Common Stock to CDIs, although a fee may be payable by market participants.

In either case, it is expected that each of the above processes will be completed within 24 hours, provided that the Company’s transfer agent is in receipt of a duly completed and valid request form. No guarantee can, however, be given about the time required for this conversion to take place.

Dividends and Other Shareholder Entitlements

Holders of CDIs are entitled to receive all the direct economic benefits and other entitlements in relation to the underlying shares of Common Stock that are held by the Depository Nominee, including dividends and other entitlements that attach to the underlying shares of Common Stock.

It is possible that marginal differences may exist between the resulting entitlement of a holder of CDIs and the entitlements that would have accrued if a holder of CDIs held their holding directly as shares of Common Stock. As the ratio of CDIs to Common Stock is not one-to-one, and any entitlement will be determined on the basis of shares of Common Stock rather than CDIs, a holder of CDIs may not always benefit to the same extent (e.g. from the rounding up of fractional entitlements). We will, however, be required by the ASX Settlement Rules to minimize any such differences where legally permissible. If a cash dividend or any other cash distribution is declared in a currency other than Australian dollars, we currently intend to convert that dividend or other cash distribution to which a holder of CDIs is entitled to Australian dollars and distribute it to the relevant holder of CDIs in accordance with their entitlement.

Due to the need to convert dividends from United States dollars to Australian dollars in the above mentioned circumstances, holders of CDIs may potentially be advantaged or disadvantaged by exchange rate fluctuations, depending on whether the Australian dollar weakens or strengthens against the United States dollar during the period between the resolution to pay a dividend and conversion into Australian dollars.

Takeovers

If a takeover bid is made in respect of any of our Common Stock of which the Depository Nominee is the registered holder, the Depository Nominee is prohibited from accepting the offer made under the takeover bid except to the extent that acceptance is authorized by the CDI holders in respect of the shares of Common Stock represented by their holding of CDIs.

The Depository Nominee must accept a takeover offer in respect of shares of Common Stock represented by a holding of CDIs if the relevant holder of CDIs instructs it to do so and must notify the entity making the takeover bid of the acceptance.

Preferred Stock

Our Board is authorized to provide, out of the unissued shares of preferred stock, for one or more series of preferred stock and, with respect to each such series, to fix the number of shares constituting such series and the designation of such series, the voting powers, if any, of the shares of such series, and the preferences and relative, participating, optional or other special rights, if any, and any qualifications, limitations or restrictions thereof, of the shares of such series, as are stated in the resolution or resolutions providing for the issuance of such series adopted by the Board. The authority of the Board with respect to each series of preferred stock includes determination of the following:

- the designation of the series;
- the number of shares of the series;
- the dividend rate or rates on the shares of that series, whether dividends will be cumulative and, if so, from which date or dates, and the relative rights of priority, if any, of payment of dividends on shares of that series;
- whether the series will have voting rights in addition to the voting rights provided by law and, if so, the terms of such voting rights;
- whether the series will have conversion privileges and, if so, the terms and conditions of such conversion, including provision for adjustment of the conversion rate in such events as the Board determines;
- whether or not the shares of that series will be redeemable, in whole or in part, at the option of the Company or the holder thereof and, if made subject to such redemption, the terms and conditions of such redemption, including the date or dates upon or after which they will be redeemable, and the amount per share payable in case of redemptions, which amount may vary under different conditions and at different redemption rates;

- the terms and amount of any sinking fund provided for the purchase or redemption of the shares of such series;
- the rights of the shares of that series in the event of voluntary or involuntary liquidation, dissolution or winding up of the Company, and the relative rights of priority, if any, of payment of shares of that series;
- the restrictions, if any, on the issue or reissue of any additional preferred stock; and
- any other relative rights, preferences and limitations of that series.

Investor Designation Rights

Pursuant to the terms of an investor and registration rights agreement to which we are a party, each of BEP Special Situations IV LLC and Ascend Global Investment Fund SPC for and on behalf of Strategic SP has the right to designate two individuals to our Board, and we are required to appoint or nominate such persons to our Board. Such party's respective designation right will continue for so long as each such party beneficially owns 25% of our Common Stock, and one director to serve on the Company's Board for so long as each such party beneficially owns 10% of our Common Stock, in each case including any shares of Common Stock previously issued or issuable to such party in connection with its exercise of the warrants issued to such party on March 13, 2025, and otherwise without regard to any of the limitations on exercise of such warrants. The size of our Board was also reduced to four directors pursuant to the terms of this agreement.

Transfer Agent and Registrar

The transfer agent and registrar for our Common Stock is Computershare Trust Company, N.A. The transfer agent's address is 250 Royall Street, Canton, Massachusetts 02021.

Trading Symbols and Market

Our Common Stock is listed and traded on Nasdaq under the symbol "FEAM." Our CDIs are listed on the ASX under the symbol "5EA" with ten CDIs representing an interest in one share of our Common Stock.

MATERIAL U.S. FEDERAL INCOME TAX CONSEQUENCES TO NON-U.S. HOLDERS

The following discussion is a summary of the material U.S. federal income tax consequences to Non-U.S. Holders (as defined below) of the purchase, ownership and disposition of our Common Stock issued pursuant to this offering, but does not purport to be a complete analysis of all potential tax effects. The effects of other U.S. federal tax laws, such as estate and gift tax laws, and any applicable state, local or non-U.S. tax laws are not discussed. This discussion is based on the U.S. Internal Revenue Code of 1986, as amended (the “Code”), Treasury Regulations promulgated thereunder, judicial decisions, and published rulings and administrative pronouncements of the U.S. Internal Revenue Service (the “IRS”), in each case in effect as of the date hereof. These authorities may change or be subject to differing interpretations. Any such change or differing interpretation may be applied retroactively in a manner that could adversely affect a Non-U.S. Holder. We have not sought and will not seek any rulings from the IRS regarding the matters discussed below. There can be no assurance the IRS or a court will not take a contrary position to that discussed below regarding the tax consequences of the purchase, ownership and disposition of our Common Stock.

This discussion is limited to Non-U.S. Holders that hold our Common Stock as a “capital asset” within the meaning of Section 1221 of the Code (generally, property held for investment). This discussion does not address all U.S. federal income tax consequences relevant to a Non-U.S. Holder’s particular circumstances, including the impact of the Medicare contribution tax on net investment income and the alternative minimum tax provisions of the Code. In addition, it does not address consequences relevant to Non-U.S. Holders subject to special rules, including, without limitation:

- U.S. expatriates and former citizens or long-term residents of the United States;
- persons holding our Common Stock as part of a hedge, straddle or other risk reduction strategy or as part of a conversion transaction or other integrated investment;
- banks, insurance companies and other financial institutions;
- brokers, dealers or traders in securities;
- “controlled foreign corporations,” “passive foreign investment companies” and corporations that accumulate earnings to avoid U.S. federal income tax;
- partnerships or other entities or arrangements treated as partnerships for U.S. federal income tax purposes (and investors therein);
- tax-exempt organizations or governmental organizations;
- persons deemed to sell our Common Stock under the constructive sale provisions of the Code;
- persons who hold or receive our Common Stock pursuant to the exercise of any employee stock option or otherwise as compensation;
- tax-qualified retirement plans;
- “qualified foreign pension funds” as defined in Section 897(1)(2) of the Code and entities all of the interests of which are held by qualified foreign pension funds; and
- persons subject to special tax accounting rules as a result of any item of gross income with respect to the Common Stock being taken into account in an applicable financial statement.

If an entity or arrangement treated as a partnership for U.S. federal income tax purposes holds our Common Stock, the tax treatment of a partner in the partnership will depend on the status of the partner, the activities of the partnership and certain determinations made at the partner level. Accordingly, partnerships holding our Common Stock and the partners in such partnerships should consult their tax advisors regarding the U.S. federal income tax consequences to them.

THIS DISCUSSION IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT TAX ADVICE. INVESTORS SHOULD CONSULT THEIR TAX ADVISORS WITH RESPECT TO THE APPLICATION OF THE U.S. FEDERAL INCOME TAX LAWS TO THEIR PARTICULAR SITUATIONS AS WELL AS ANY TAX CONSEQUENCES OF THE PURCHASE, OWNERSHIP AND DISPOSITION OF OUR COMMON STOCK ARISING UNDER THE U.S. FEDERAL ESTATE OR GIFT TAX LAWS OR UNDER THE LAWS OF ANY STATE, LOCAL OR NON-U.S. TAXING JURISDICTION OR UNDER ANY APPLICABLE INCOME TAX TREATY.

Definition of a Non-U.S. Holder

For purposes of this discussion, a “Non-U.S. Holder” is any beneficial owner of our Common Stock that is neither a “U.S. person” nor an entity treated as a partnership for U.S. federal income tax purposes. A U.S. person is any person that, for U.S. federal income tax purposes, is or is treated as any of the following:

- an individual who is a citizen or resident of the United States;
- a corporation created or organized under the laws of the United States, any state thereof, or the District of Columbia;
- an estate, the income of which is subject to U.S. federal income tax regardless of its source; or
- a trust that (i) is subject to the primary supervision of a U.S. court and the control of one or more “United States persons” (within the meaning of Section 7701(a)(30) of the Code), or (ii) has a valid election in effect to be treated as a United States person for U.S. federal income tax purposes.

Distributions

As described in the section titled “*Dividend Policy*,” we do not anticipate declaring or paying cash dividends to holders of our Common Stock in the foreseeable future. However, if we do make distributions of cash or property on our Common Stock, such distributions will constitute dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under U.S. federal income tax principles. Amounts not treated as dividends for U.S. federal income tax purposes will constitute a return of capital and first be applied against and reduce a Non-U.S. Holder’s adjusted tax basis in its common stock, but not below zero. Any excess will be treated as capital gain and will be treated as described in the subsection titled “—*Sale or Other Taxable Disposition*” below.

Subject to the discussion below on effectively connected income, dividends paid to a Non-U.S. Holder will be subject to U.S. federal withholding tax at a rate of 30% of the gross amount of the dividends (or such lower rate specified by an applicable income tax treaty, provided the Non-U.S. Holder furnishes a valid IRS Form W-8BEN or W-8BEN-E (or other applicable documentation) certifying qualification for the lower treaty rate). This certification must be provided to us or our withholding agent before the payment of dividends and must be updated periodically. If a Non-U.S. Holder holds the stock through a financial institution or other agent, the Non-U.S. Holder will be required to provide appropriate documentation to the agent, which then will be required to provide certification to the applicable withholding agent, either directly or through other intermediaries. A Non-U.S. Holder that does not timely furnish the required documentation, but that qualifies for a reduced treaty rate, may obtain a refund of any excess amounts withheld by timely filing an appropriate claim for refund with the IRS. Non-U.S. Holders should consult their tax advisors regarding their entitlement to benefits under any applicable income tax treaty.

If dividends paid to a Non-U.S. Holder are effectively connected with the Non-U.S. Holder’s conduct of a trade or business within the United States (and, if required by an applicable income tax treaty, the Non-U.S. Holder maintains a permanent establishment or fixed base in the United States to which such dividends are attributable), the Non-U.S. Holder will be exempt from the U.S. federal withholding tax described above. To claim the exemption, the Non-U.S. Holder must furnish to the applicable withholding agent a valid IRS Form W-8ECI, certifying that the dividends are effectively connected with the Non-U.S. Holder’s conduct of a trade or business within the United States.

Any such effectively connected dividends will be subject to U.S. federal income tax on a net income basis at the regular rates as if the Non-U.S. Holder were a resident of the United States. A Non-U.S. Holder that is a corporation also may be subject to a branch profits tax at a rate of 30% (or such lower rate specified by an applicable income tax treaty) on such effectively connected dividends, as adjusted for certain items. Non-U.S. Holders should consult their tax advisors regarding any applicable tax treaties that may provide for different rules.

Sale or Other Taxable Disposition

Subject to the discussion below of backup withholding and withholding under FATCA (as defined below), a Non-U.S. Holder will not be subject to U.S. federal income tax on any gain realized upon the sale or other taxable disposition of our Common Stock unless:

- the gain is effectively connected with the Non-U.S. Holder's conduct of a trade or business within the United States (and, if required by an applicable income tax treaty, the Non-U.S. Holder maintains a permanent establishment or fixed base in the United States to which such gain is attributable);
- the Non-U.S. Holder is a nonresident alien individual present in the United States for 183 days or more during the taxable year of the disposition and certain other requirements are met; or
- our Common Stock constitutes a U.S. real property interest ("USRPI") by reason of our status as a U.S. real property holding corporation ("USRPHC") for U.S. federal income tax purposes.

Gain described in the first bullet point above generally will be subject to U.S. federal income tax on a net income basis at the regular rates. A Non-U.S. Holder that is a corporation also may be subject to a branch profits tax at a rate of 30% (or such lower rate specified by an applicable income tax treaty) on such effectively connected gain, as adjusted for certain items.

A Non-U.S. Holder described in the second bullet point above will be subject to U.S. federal income tax at a rate of 30% (unless an applicable income tax treaty provides for different treatment) on gain realized upon the sale or other taxable disposition of our Common Stock, which may be offset by U.S. source capital losses of the Non-U.S. Holder (even though the individual is not considered a resident of the United States), provided the Non-U.S. Holder has timely filed U.S. federal income tax returns with respect to such losses.

With respect to the third bullet point above, we believe that we currently are and will continue to be a USRPHC. The determination of whether we are a USRPHC depends on the fair market value of our USRPIs relative to the fair market value of our non-U.S. real property interests and our other business assets. If we are or become a USRPHC, gain arising from the sale or other taxable disposition of our Common Stock by a Non-U.S. Holder will not be subject to U.S. federal income tax if our Common Stock is "regularly traded," as defined by applicable Treasury Regulations, on an established securities market and such Non-U.S. Holder owned, actually and constructively, 5% or less of our Common Stock throughout the shorter of the five-year period ending on the date of the sale or other taxable disposition or the Non-U.S. Holder's holding period.

Non-U.S. Holders should consult their tax advisors regarding potentially applicable income tax treaties that may provide for different rules.

Information Reporting and Backup Withholding

Payments of dividends on our Common Stock will not be subject to backup withholding, provided the applicable withholding agent does not have actual knowledge or reason to know the holder is a United States person and the holder either certifies its non-U.S. status, such as by furnishing a valid IRS Form W-8BEN, W-8BEN-E, or W-8ECI, or otherwise establishes an exemption. However, information returns are required to be filed with the IRS in connection with any distributions on our Common Stock paid to the Non-U.S. Holder,

regardless of whether such distributions constitute dividends or whether any tax was actually withheld. In addition, proceeds of the sale or other taxable disposition of our Common Stock within the United States or conducted through certain U.S.-related brokers generally will not be subject to backup withholding or information reporting if the applicable withholding agent receives the certification described above and does not have actual knowledge or reason to know that such holder is a United States person, or the holder otherwise establishes an exemption. Proceeds of a disposition of our Common Stock conducted through a non-U.S. office of a non-U.S. broker generally will not be subject to backup withholding or information reporting.

Copies of information returns that are filed with the IRS may also be made available under the provisions of an applicable treaty or agreement to the tax authorities of the country in which the Non-U.S. Holder resides or is established.

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against a Non-U.S. Holder's U.S. federal income tax liability, provided the required information is timely furnished to the IRS.

Additional Withholding Tax on Payments Made to Foreign Accounts

Withholding taxes may be imposed under Sections 1471 to 1474 of the Code (such Sections commonly referred to as the Foreign Account Tax Compliance Act, or "FATCA") on certain types of payments made to non-U.S. financial institutions and certain other non-U.S. entities. Specifically, a 30% withholding tax may be imposed on dividends on, or (subject to the proposed Treasury Regulations discussed below) gross proceeds from the sale or other disposition of, our Common Stock paid to a "foreign financial institution" or a "non-financial foreign entity" (each as defined in the Code), unless (i) the foreign financial institution undertakes certain diligence and reporting obligations, (ii) the non-financial foreign entity either certifies it does not have any "substantial United States owners" (as defined in the Code) or furnishes identifying information regarding each substantial United States owner, or (iii) the foreign financial institution or non-financial foreign entity otherwise qualifies for an exemption from these rules. If the payee is a foreign financial institution and is subject to the diligence and reporting requirements in clause (i) above, it must enter into an agreement with the U.S. Department of the Treasury requiring, among other things, that it undertake to identify accounts held by certain "specified United States persons" or "United States owned foreign entities" (each as defined in the Code), annually report certain information about such accounts, and withhold 30% on certain payments to non-compliant foreign financial institutions and certain other account holders. Foreign financial institutions located in jurisdictions that have an intergovernmental agreement with the United States governing FATCA may be subject to different rules.

Under the applicable Treasury Regulations and administrative guidance, withholding under FATCA generally applies to payments of dividends on our Common Stock. While withholding under FATCA would also have applied to payments of gross proceeds from the sale or other disposition of stock on or after January 1, 2019, proposed Treasury Regulations eliminate FATCA withholding on payments of gross proceeds entirely. Taxpayers (including applicable withholding agents) generally may rely on these proposed Treasury Regulations until final Treasury Regulations are issued. There can be no assurance that final Treasury Regulations would provide an exemption from FATCA withholding for gross proceeds.

Prospective investors should consult their tax advisors regarding the potential application of withholding under FATCA to their investment in our Common Stock.

PLAN OF DISTRIBUTION

We are offering on a reasonable best efforts basis up to 8,720,930 shares, based on an assumed public offering price of \$3.44 per share for gross proceeds of up to approximately \$30.0 million before deduction of placement agent fees and offering expenses. There is no minimum amount of proceeds that is a condition to closing of this offering. The actual amount of gross proceeds, if any, in this offering could vary substantially from the gross proceeds from the sale of the maximum amount of securities being offered in this prospectus.

Pursuant to a placement agency agreement, dated as of _____, we have engaged the placement agent to act as our exclusive placement agent to solicit offers to purchase the securities offered by this prospectus. The placement agent is not purchasing or selling any shares of common stock, nor is it required to arrange for the purchase and sale of any specific number or dollar amount of shares of common stock, other than to use its “reasonable best efforts” to arrange for the sale of the shares of common stock by us. Therefore, we may not sell the entire amount of shares of common stock being offered. Investors purchasing shares of common stock offered hereby will have the option to execute a securities purchase agreement with us. In addition to the rights and remedies available to all investors in this offering under federal and state securities laws, the investors who enter into a securities purchase agreement will also be able to bring claims of breach of contract against us. Investors who do not enter into a securities purchase agreement shall rely solely on this prospectus in connection with the purchase of our shares of common stock in this offering. The placement agency agreement provides that the placement agent’s obligations are subject to conditions contained in the placement agency agreement.

The shares of common stock will be offered at a fixed price and are expected to be issued in a single closing. There is no minimum number of shares of common stock to be sold or minimum aggregate offering proceeds for this offering to close. We expect this offering to be completed not later than one trading day following the commencement of this offering (or the second trading day, if the registration statement of which this prospectus forms a part is declared effective after 4:00 pm Eastern Time), and we will deliver all securities issued in connection with this offering delivery versus payment (“DVP”)/receipt versus payment (“RVP”) upon our receipt of investor funds. Accordingly, neither we nor the placement agent has made any arrangements to place investor funds in an escrow account or trust account since the placement agent will not receive investor funds in connection with the sale of securities offered hereunder.

We will deliver the shares of common stock being issued to the investors upon receipt of investor funds for the purchase of the shares of common stock offered pursuant to this prospectus. We expect to deliver the shares of common stock being offered pursuant to this prospectus on or about _____, 2026.

Placement Agent Fees and Expenses

Upon the closing of this offering, we will pay the placement agent a cash transaction fee equal to seven percent (7%) of the aggregate gross cash proceeds to us from the sale of the shares of common stock in the offering. In addition, we will reimburse the placement agent for certain of its out-of-pocket expenses incurred in connection with this offering, including the placement agent’s legal fees, and actual travel and reasonable out-of-pocket expenses if this offering is completed, in an amount not to exceed \$120,000.

The following table shows the public offering price, placement agent fees and proceeds, before expenses, to us, assuming the sale of all shares of common stock in this offering.

	<u>Per Share of Common Stock</u>	<u>Total</u>
Public offering price		
Placement agent fees		
Proceeds to us, before expenses		

We estimate that the total expenses of the offering, including registration and filing fees, printing fees and legal and accounting expenses, but excluding the placement agent fees, will be approximately \$475,000, all of which are payable by us. This figure includes, among other things, the placement agent's expenses (including the legal fees, costs and expenses for the placement agent's legal counsel) that we have agreed to reimburse.

Lock-Up Agreements

Our directors, officers and certain stockholders will enter into lock-up agreements in connection with this offering. Under these agreements, these individuals will agree, subject to specified exceptions, not to sell or transfer any shares of Common Stock or securities convertible into, or exchangeable or exercisable for, our Common Stock during a period ending ninety (90) days following the closing of this offering without the prior written consent of the placement agent. Specifically, these individuals have agreed, in part, not to sell, hypothecate, pledge or otherwise dispose of (or enter into any transaction which is designed to, or might reasonably be expected to, result in the disposition (whether by actual disposition or effective economic disposition due to cash settlement or otherwise), or establish or increase a put equivalent position or liquidate or decrease a call equivalent position within the meaning of Section 16 of the Exchange Act, with respect to, any shares of our Common Stock or securities convertible, exchangeable or exercisable into shares of our Common Stock beneficially owned by them. Notwithstanding these limitations, these shares of Common Stock may be transferred under limited circumstances, including, without limitation, by gift, will or intestate succession.

In addition, we have agreed that we will not conduct any issuances of our shares of Common Stock for a period of ninety (90) days following closing of this offering, other than issuances of (a) shares of Common Stock or options to our employees, officers or directors pursuant to an equity incentive plan, (b) upon the exercise, exchange or conversion of any securities outstanding as of the date of this prospectus, and (c) pursuant to acquisitions or strategic transactions.

Indemnification

We have agreed to indemnify the placement agent against certain liabilities, including liabilities under the Securities Act, and to contribute to payments that the placement agent may be required to make for these liabilities.

Regulation M

The placement agent may be deemed to be an underwriter within the meaning of Section 2(a)(11) of the Securities Act, and any commissions received by it and any profit realized on the resale of the securities sold by it while acting as principal might be deemed to be underwriting discounts or commissions under the Securities Act. As an underwriter, the placement agent would be required to comply with the requirements of the Securities Act and the Exchange Act, including, without limitation, Rule 10b-5 and Regulation M under the Exchange Act. These rules and regulations may limit the timing of purchases and sales of our securities by the placement agent acting as principal. Under these rules and regulations, the placement agent (i) may not engage in any stabilization activity in connection with our securities and (ii) may not bid for or purchase any of our securities or attempt to induce any person to purchase any of our securities, other than as permitted under the Exchange Act, until it has completed its participation in the distribution.

Determination of Offering Price

The actual public offering price of the shares of common stock we are offering were negotiated among us, the placement agent and the investors in the offering based on the trading of our Common Stock prior to the offering, among other things. Other factors considered in determining the public offering price of the shares of common stock we are offering include our history and prospects, the market price of our Common Stock on Nasdaq, the stage of development of our business, our business plans for the future and the extent to which they have been implemented, an assessment of our management, the general conditions of the securities markets at the time of the offering and such other factors as were deemed relevant.

Electronic Distribution

A prospectus in electronic format may be made available on a website maintained by the placement agent or an affiliate. Other than this prospectus, the information on the placement agent's website and any information contained in any other website maintained by the placement agent is not part of this prospectus or the registration statement of which this prospectus forms a part, has not been approved and/or endorsed by us or the placement agent, and should not be relied upon by investors. In connection with the offering, the placement agent or selected dealers may distribute prospectuses electronically. No forms of electronic prospectus other than prospectuses that are printable as Adobe® PDF will be used in connection with this offering.

Other than the prospectus in electronic format, the information on the placement agent's website and any information contained in any other website maintained by the placement agent is not part of the prospectus or the registration statement of which this prospectus forms a part, has not been approved and/or endorsed by us or the placement agent in its capacity as placement agent and should not be relied upon by investors.

Certain Relationships

The placement agent and its affiliates have and may in the future provide, from time to time, investment banking and financial advisory services to us in the ordinary course of business, for which they may receive customary fees and commissions.

Selling Restrictions

Other than in the United States, no action has been taken by us or the placement agent that would permit a public offering of the securities offered by this prospectus in any jurisdiction where action for that purpose is required. The securities offered by this prospectus may not be offered or sold, directly or indirectly, nor may this prospectus or any other offering material or advertisements in connection with the offer and sale of any such securities be distributed or published, in any jurisdiction, except under circumstances that will result in compliance with the applicable rules and regulations of that jurisdiction. Persons into whose possession this prospectus comes are advised to inform themselves about and to observe any restrictions relating to this offering and the distribution of this prospectus. This prospectus does not constitute an offer to sell or a solicitation of an offer to buy any securities offered by this prospectus in any jurisdiction in which such an offer or a solicitation is unlawful.

LEGAL MATTERS

The validity of the shares of Common Stock offered hereby will be passed upon for us by Latham & Watkins LLP. The placement agent is being represented by Ellenoff Grossman & Schole LLP.

EXPERTS

The financial statements incorporated in this Prospectus by reference to the Annual Report on Form 10-K for the year ended June 30, 2025 have been so incorporated in reliance on the report (which contains an explanatory paragraph relating to the Company's ability to continue as a going concern as described in Note 1 to the financial statements) of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-1 under the Securities Act with respect to the shares of our Common Stock offered hereby. This prospectus, which constitutes a part of the registration statement, does not contain all of the information set forth in the registration statement or the exhibits and schedules filed therewith. For further information about us and the Common Stock offered hereby, we refer you to the registration statement and the exhibits and schedules filed therewith. Statements contained in this prospectus regarding the contents of any contract or any other document that is filed as an exhibit to the registration statement are not necessarily complete, and each such statement is qualified in all respects by reference to the full text of such contract or other document filed as an exhibit to the registration statement.

We are subject to the information and periodic and current reporting requirements of the Exchange Act and, in accordance therewith, file periodic reports, proxy statements and other information with the SEC. The SEC maintains a website at www.sec.gov that contains reports, proxy statements and other information regarding companies that file electronically with it. Our periodic and current reports, proxy statements and other information are available at www.sec.gov.

We file annual, quarterly and current reports, proxy statements and other information with the SEC. We have also filed a registration statement on Form S-1, including exhibits, under the Securities Act with respect to the shares of Common Stock offered by this prospectus. This prospectus is part of the registration statement, but does not contain all of the information included in the registration statement or the exhibits. Our SEC filings are available to the public on the internet at a website maintained by the SEC located at <http://www.sec.gov>. Those filings are also available to the public on, or accessible through, our website under the heading "Investors" at www.5eadvancedmaterials.com. The information on our web site, however, is not, and should not be deemed to be, a part of this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “incorporate by reference” information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus. We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC:

- our Annual Report on Form 10-K for the year ended June 30, 2025, filed with the SEC on September 29, 2025;
- our Definitive Proxy Statement on Schedule 14 filed with the SEC on October 27, 2025;
- our Quarterly Report on Form 10-Q for the quarter ended September 30, 2025, filed with the SEC on November 13, 2025;
- our Current Reports on Form 8-K filed with the SEC on August 7, 2025 (Item 8.01 only), August 19, 2025, August 25, 2025, October 3, 2025, November 19, 2025 (Item 8.01 only), December 8, 2025, December 8, 2025 and January 12, 2026; and
- the description of our Common Stock contained in the registration statement on Form 10-12B, initially filed with the SEC on February 10, 2022, and any amendment or report filed with the SEC for the purpose of updating the description.

All reports and other documents we subsequently file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the termination of this offering, including all such documents we may file with the SEC after the date of effectiveness of the registration statement, but excluding any information furnished to, rather than filed with, the SEC, will also be incorporated by reference into this prospectus and deemed to be part of this prospectus from the date of the filing of such reports and documents.

We will furnish without charge to you, on written or oral request, a copy of any or all of the documents incorporated by reference in this prospectus, including exhibits to these documents. You should direct any requests for documents to 5E Advanced Materials, Inc., Attn: Investor Relations, 9329 Mariposa Road, Ste 210, Hesperia, CA 92344.

You also may access these filings on our website at www.5eadvancedmaterials.com. Information contained on or accessible through our website is not a part of this prospectus or the registration statement of which it forms a part, and the inclusion of our website address in this prospectus is an inactive textual reference only.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed modified, superseded or replaced for purposes of this prospectus to the extent that a statement contained in this prospectus modifies, supersedes or replaces such statement.



8,720,930 Shares of Common Stock

Prospectus

Konik Capital Partners
a division of T.R. Winston & Co.

, 2026

Part II
INFORMATION NOT REQUIRED IN PROSPECTUS

Item 13. Other Expenses of Issuance and Distribution.

The following table indicates the expenses to be incurred in connection with the offering described in this registration statement, other than placement agent fees.

	<u>Amount</u>
Securities and Exchange Commission registration fee	\$ 4,143
FINRA filing fee	5,000
Accountants' fees and expenses	100,000
Legal fees and expenses	320,000
Transfer Agent's fees and expenses	5,500
Printing and engraving expenses	30,000
Miscellaneous	8,976
Total expenses	<u>\$470,000</u>

Item 14. Indemnification of Directors and Officers.

Section 145 of the DGCL provides, generally, that a corporation shall have the power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that such person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against all expenses, judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. A corporation may similarly indemnify such person for expenses actually and reasonably incurred by such person in connection with the defense or settlement of any action or suit by or in the right of the corporation, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, in the case of claims, issues and matters as to which such person shall have been adjudged liable to the corporation, provided that a court shall have determined, upon application, that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which such court shall deem proper.

In accordance with Section 102(b)(7) of the DGCL, our Certificate of Incorporation provides that a director will not be personally liable to us or our stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to us or our stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL, or (iv) for any transaction from which the director derived an improper personal benefit. No such provision shall eliminate or limit the liability of a director for any act or omission occurring prior to the date when such provision became effective. Accordingly, these provisions will have no effect on the availability of equitable remedies such as an injunction or rescission based on a director's breach of his or her duty of care.

The Certificate of Incorporation provides that we will indemnify its present and former directors and officers to the maximum extent permitted by the DGCL and that such indemnification will not be exclusive of any other rights to which those seeking indemnification may be entitled under any bylaw provision, agreement, vote of stockholders or disinterested directors or otherwise.

We have also entered into and expect to continue to enter into agreements to indemnify our directors, executive officers and other employees as determined by our board of directors. Under the terms of such indemnification agreements, we are required to indemnify each of our directors and officers, to the fullest extent permitted by the laws of the state of Delaware, if the basis of the indemnitee's involvement was by reason of the fact that the indemnitee is or was our director, officer, employee or agent or was serving at our request in an official capacity for another entity. We must indemnify our officers and directors against all direct and indirect costs, fees and expenses of any type or nature whatsoever, including all other disbursements, obligations or expenses of the types customarily incurred in connection with prosecuting, defending, preparing to prosecute or defend, investigating, being or preparing to be witness in, settlement or appeal of, or otherwise participating in any threatened, pending or completed action, suit, claim, counterclaim, cross claim, arbitration, mediation, alternate dispute resolution mechanism, investigation, inquiry, administrative hearing or any other actual, threatened or completed proceeding. The indemnification agreements also require us to advance, to the extent not prohibited by law, all direct and indirect costs, fees and expenses that such director or officer incurred, provided that such person will return any such advance if it is ultimately determined that such person is not entitled to indemnification by us. Any claims for indemnification by our directors and officers may reduce our available funds to satisfy successful third-party claims against us and may reduce the amount of money available to us.

The foregoing is only a general summary of certain aspects of Delaware law, our Certificate of Incorporation and Bylaws, and the indemnification agreement and does not purport to be complete. It is qualified in its entirety by reference to the detailed provisions of the DGCL, our Certificate of Incorporation and Bylaws, and such indemnification agreements.

Any underwriting agreement or distribution agreement that we enter into with any underwriters or agents involved in the offering or sale of any securities registered hereby may require such underwriters or dealers to indemnify us, some or all of our directors and officers and controlling persons, if any, for specified liabilities, which may include liabilities under the Securities Act of 1933, as amended.

Item 15. Recent Sales of Unregistered Securities.

Set forth below is information regarding shares of capital stock issued by us within the past three years. Also included is the consideration received by us for such shares and information relating to the section of the Securities Act, or rule of the Securities and Exchange Commission, under which exemption from registration was claimed.

(a) December 2023 Restructuring and Recapitalization Transactions.

On January 18, 2024, the Company issued (i) 5,365,854 shares of Common Stock to Ascend at a price of \$1.025 per share, which shares included the placement fee paid to Ascend in shares of Common Stock and (ii) 5,365,854 shares of Common Stock to 5ECAP, LLC ("5ECAP") at a price of \$1.025 per share, which shares include the placement fee paid to 5ECAP in shares of Common Stock. On January 29, 2024, the Company issued 8,317,074 shares of Common Stock to 5ECAP at a price of \$1.025 per share. The offer and issuance of the shares of Common Stock in the transactions were conducted in reliance on Section 4(a)(2) of the Securities Act. The shares and per share data provided in this summary does not give effect to a 1-for-23 reverse stock split the Company effected in February 2025.

(b) August 2024 Warrant Private Placement.

On August 26, 2024, the Company entered into a securities purchase agreement (the "August 2024 Purchase Agreement") with the unaffiliated third-party purchaser named therein (the "Purchaser"), providing for the issuance and sale by the Company of an aggregate of: (i) 5,333,333 shares (the "Shares") of Common Stock, (ii) Series A warrants to purchase up to an aggregate of up to 5,333,333 shares of Common Stock (the "Series A Warrants") and (iii) Series B warrants to purchase an aggregate of 5,333,333 shares of Common Stock (the

“Series B Warrants” and, collectively with the Series A Warrants, the “Warrants”). The Shares and Warrants were offered and sold on a combined basis for consideration equating to \$0.75 for one Share and two Warrants. The exercise price for each of the Warrants is \$0.7981 per share.

The Shares were offered pursuant to an effective shelf registration statement on Form S-3 (File No. 333-276162) and a related prospectus supplement filed with the Securities and Exchange Commission. The Warrants were sold in a concurrent private placement, exempt from registration pursuant to Section 4(a)(2) of the Securities Act.

Based in part upon the representations of the Purchaser in the August 2024 Purchase Agreement, the offering and sale of the Warrants were exempt from registration under Section 4(a)(2) of the Securities Act. The sales of the Warrants, and the shares of Common Stock issuable upon exercise thereof, by the Company in the private placement were not registered under the Securities Act or any state securities laws. The shares and per share data provided in this summary does not give effect to a 1-for-23 reverse stock split the Company effected in February 2025.

(c) Issuances of Convertible Notes and 2025 Restructuring and Recapitalization Transactions.

On May 28, 2024, August 25, 2024, and January 14, 2025, the Company sold an aggregate of \$3.0 million, \$3.0 million and \$5.0 million of its senior secured convertible notes to Bluescape, Meridian and Ascend, respectively. The offer and issuance of the notes and shares issuable upon conversion of the notes were conducted in reliance on Section 4(a)(2) of the Securities Act.

On March 5, 2025 (the “Exchange Effective Date”), the parties consummated the transactions contemplated by the Exchange Agreement, resulting in the termination of the Amended and Restated Note Purchase Agreement, dated as of January 18, 2024 (as amended, the “Note Purchase Agreement”), between the Company, Bluescape, Meridian and Ascend, and the extinguishment of all indebtedness owed by the Company under the Note Purchase Agreement. As consideration for the termination of the Note Purchase Agreement and as contemplated by the Exchange Agreement, on the Exchange Effective Date, the Company issued an aggregate of 13,586,524 shares of Common Stock to Bluescape, Meridian and Ascend.

On March 13, 2025 (the “Closing Date”), the Company issued and sold an aggregate of 1,408,173 shares of Common Stock to Bluescape, Meridian and Ascend, at a subscription price of \$3.5507 per share for aggregate gross proceeds of \$5.0 million. Also on the Closing Date, pursuant to the January 2025 Subscription Agreement, the Company issued the warrants (the “Restructuring Warrants”) to purchase up to an aggregate of 5,632,692 shares of Common Stock. The Restructuring Warrants are immediately exercisable and expire on the first anniversary of the Closing Date, and have an exercise price per share equal to the Subscription Price.

On December 4, 2025, the Company entered into an amendment with each of Bluescape, Meridian and Ascend, pursuant to which each Restructuring Warrant was amended to permit the holder thereof to exercise such Restructuring Warrant on a cashless basis once at least 10% of the initial number of shares underlying the warrant had been exercised for cash. In connection with and pursuant to the amendments, each of Bluescape, Meridian and Ascend also exercised its Restructuring Warrant in full, in each case consisting of a cash exercise for 10% of the warrant shares and a cashless exercise for the remaining 90% of such Restructuring Warrant. Such exercises collectively resulted in aggregate gross proceeds to the Company of approximately \$2.0 million and the issuance of an aggregate of 1,067,296 shares of common stock.

The offer and issuance of the securities were conducted in a private placement exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended.

(d) May 2025 Private Placement.

On May 12, 2025 and May 13, 2025, we entered into subscription agreements (the “May 2025 Subscription Agreements”) with certain third-party investors. Pursuant to the May 2025 Subscription Agreements, we issued

and sold an aggregate of 1,984,709 shares of Common Stock at a purchase price of \$3.55 per share. We also issued a total of 37,042 shares of Common Stock to 5E Capital II, LLC as partial payment for advisory services in connection with the transactions contemplated by the May 2025 Subscription Agreements. The transactions contemplated by the May 2025 Subscription Agreements closed on May 15, 2025. The securities were offered in a private placement exempt from registration pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended or Regulation S under the Securities Act.

(e) Investor Relations Services.

On July 15, 2025, the Company issued a total of 20,000 shares of Common Stock with a fair value on the issuance date of \$3.55 per share to an investor in exchange for a market awareness campaign and various public and investor relations services. The shares were sold in a private offering to an investor that was acquiring the shares for its own account. The offering, therefore, was exempt from registration under the Securities Act of 1933 pursuant to Section 4(2) of the Securities Act.

(f) EXIM Warrants.

On January 7, 2026, the Company issued warrants to purchase up to an aggregate of 2,816,346 shares of Common Stock to Bluescape and Ascend, in exchange for such parties agreeing to provide a guarantee (the “Guarantee”) for the Company’s potential \$10.0 million funding package (the “EXIM Loan”) from the Export-Import Bank of the United States. The Warrants have an exercise price of \$3.5507 per share, and will not be exercisable, if ever, until the date that the holders provide the Guarantee, at which time each Guarantor’s Warrant will be exercisable for a notional amount of Common Stock equal to the amount guaranteed by such Guarantor. The warrants were sold pursuant to an exemption from registration pursuant to Section 4(a)(2) of the Securities Act.

Item 16. Exhibits and Financial Statement Schedules.

(a) Exhibits.

<u>Exhibit</u>	<u>Incorporated by Reference</u>		
	<u>Form</u>	<u>Exhibit</u>	<u>Filing Date</u>
1.1			
2.1*			
	10-12B	2.1	3/7/2022
3.1			
	8-K	3.1	1/19/2024
3.2			
	8-K	3.1	2/18/2025
3.3			
	8-K	3.1	11/1/2024
4.1			
	10-K	4.1	9/29/2025
4.2+			
	S-8	4.4	4/5/2022
4.3			
	8-K	4.1	8/28/2024
4.4			
	8-K	4.2	8/28/2024
4.5			
	8-K	10.4	1/14/2025
5.1			
10.1			
	10-12B	10.2	3/7/2022

<u>Exhibit</u>		<u>Incorporated by Reference</u>		
		<u>Form</u>	<u>Exhibit</u>	<u>Filing Date</u>
10.2+	Offer Letter from Fort Cady (California) Corporation to Mr. Weibel.	10-12B	10.6	3/7/2022
10.3+	Offer Letter from 5E Advanced Materials, Inc. to Mr. van't Hoff.	8-K	10.3	10/25/2022
10.4+	Promotion Letter from Fort Cady (California) Corporation to Mr. Weibel.	10-12B	10.8	3/7/2022
10.5	Letter dated November 4, 2021 by 5E Advanced Materials, Inc. to ASX Limited regarding acknowledgment of CHESS Depository Nominee (CDN) Function.	10-12B	10.9	3/7/2022
10.6+	Addendum to Offer Letter from Fort Cady (California) Corporation to Mr. Weibel (as amended by Promotion Letter from Fort Cady (California) Corporation to Mr. Weibel).	10-K	10.14	8/30/2023
10.7+	Weibel Retention Agreement, dated December 1, 2023.	8-K	10.6	12/6/2023
10.8+†	Brennan Separation Agreement, dated June 3, 2024.	10-K	10.26	9/9/2024
10.9+†	Independent Contractor Agreement with Malm Consulting LLC, dated September 9, 2024.	10-K	10.28	9/9/2024
10.10	Restructuring Support Agreement, dated January 14, 2025.	8-K	10.1	1/14/2025
10.11	Exchange Agreement, dated January 14, 2025.	8-K	10.2	1/14/2025
10.12	Securities Subscription Agreement, dated January 14, 2025.	8-K	10.3	1/14/2025
10.13	Fourth Amended and Restated Investor and Registration Rights Agreement, dated January 14, 2025.	8-K	10.5	1/14/2025
10.14(a)	Amended and Restated Note Purchase Agreement, dated January 18, 2024.	8-K	10.1	1/19/2024
10.14(b)	Amendment No. 4 to the Amended and Restated Note Purchase Agreement, dated January 14, 2025.	8-K	10.6	1/14/2025
10.15+	Non-Employee Director Compensation Policy.	10-Q	10.8	2/13/2025
10.16+	Amended and Restated 5E Advanced Materials, Inc. 2022 Equity Compensation Plan.	8-K	10.1	3/4/2025
10.16(a)+	Amendment to Amended and Restated 5E Advanced Materials, Inc. 2022 Equity Compensation Plan.	8-K	10.1	12/8/2025
10.17+	Non-Executive Director Appointment Letter, Curtis L. Hebert, Jr., dated March 6, 2025.	10-Q	10.8	5/15/2025
10.18†	Subscription Agreement with 5E Capital II, LLC, dated May 12, 2025.	10-Q	10.9	5/15/2025
10.19	Subscription Agreement with Lazarus Securities Pty Ltd., dated May 13, 2025.	10-Q	10.10	5/15/2025
10.20+	Malm Employment Agreement, dated May 15, 2025.	10-Q	10.11	5/15/2025
10.21	Form of Securities Purchase Agreement.			
96.1	Preliminary Feasibility Study & Technical Report Summary, dated August 7, 2025.	8-K	96.1	8/7/2025
21.1	Subsidiaries of 5E Advanced Materials, Inc.	10-K	21.1	9/9/2024
23.1	Consent of PricewaterhouseCoopers LLP.			

<u>Exhibit</u>	<u>Incorporated by Reference</u>		
	<u>Form</u>	<u>Exhibit</u>	<u>Filing Date</u>
23.2			Consent of Latham & Watkins LLP (included in Exhibit 5.1).
23.3			Consent of Miocene, Inc.
23.4			Consent of Fluor Enterprises, Inc.
23.5			Consent of Geomega, Inc.
23.6			Consent of Escalante Geological Services LLC.
23.7			Consent of Paul Weibel, CPA, 5E Advanced Materials, Inc.
24.1			Power of Attorney (included on signature page of the initial filing of this Registration Statement).
107			Filing Fee Table.

- * Schedules have been omitted pursuant to Items 601(a)(5) and 601(b)(2) of Regulation S-K. The Company hereby undertakes to furnish supplemental copies of any of the omitted schedules upon request by the U.S. Securities and Exchange Commission. The Company may request confidential treatment pursuant to Rule 24b-2 of the Securities Exchange Act of 1934, as amended, for any schedules so furnished.
- + Management contract or compensatory plan, contract or arrangement.
- † Certain portions of this exhibit (indicated by “[***]”) have been redacted pursuant to Regulation S-K Item 601(b)(10)(iv) because such information is (i) not material and (ii) is the type that the registrant treats as private or confidential.

(b) Financial Statement Schedules.

Schedules not listed above have been omitted because the information required to be set forth therein is not applicable or is shown in the financial statements or notes thereto.

Item 17. Undertakings.

(1) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers, and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question of whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

(2) The undersigned Registrant hereby undertakes that:

(A) For purposes of determining any liability under the Securities Act, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the Registrant pursuant to Rule 424(b) (1) or (4) or 497(h) under the Securities Act shall be deemed to be part of this registration statement as of the time it was declared effective.

(B) For the purpose of determining any liability under the Securities Act, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Hesperia, State of California, on January 27, 2026

5E ADVANCED MATERIALS, INC.

By: /s/ Paul Weibel

Name: Paul Weibel

Title: Chief Executive Officer

Each of the undersigned officers and directors of the registrant hereby severally constitutes and appoints each of Paul Weibel and Joshua Malm, and each of them singly (with full power to each of them to act alone), as his true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution in each of them, for him and in his name, place and stead, and in any and all capacities, to file and sign any and all amendments, including post-effective amendments, to this registration statement and any other registration statement for the same offering that is to be effective under Rule 462(b) of the Securities Act of 1933, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith and about the premises as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof. This power of attorney shall be governed by and construed with the laws of the State of Delaware and applicable federal securities laws.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Paul Weibel</u> Paul Weibel	Chief Executive Officer (Principal Executive Officer)	January 27, 2026
<u>/s/ Joshua Malm</u> Joshua Malm	Chief Financial Officer, Treasurer and Corporate Secretary (Principal Financial and Accounting Officer)	January 27, 2026
<u>/s/ Graham van't Hoff</u> Graham van't Hoff	Director	January 27, 2026
<u>/s/ Curt Hébert</u> Curt Hébert	Director	January 27, 2026
<u>/s/ Barry Dick</u> Barry Dick	Director	January 27, 2026
<u>/s/ Bryn Jones</u> Bryn Jones	Director	January 27, 2026

PLACEMENT AGENCY AGREEMENT

[], 2026

Mr. Paul Weibel
 Chief Executive Officer
 5E Advanced Materials, Inc.
 9329 Mariposa Road, Suite 210
 Hesperia, California 92344

Dear Mr. Weibel:

This agreement (the “**Agreement**”) constitutes the agreement between Konik Capital Partners, LLC, a division of T.R. Winston & Co. (“**Konik**” or the “**Placement Agent**”) and 5E Advanced Materials, Inc., a Delaware corporation (the “**Company**”), that Konik shall serve as the exclusive placement agent for the Company, on a “reasonable best efforts” basis, in connection with the proposed placement (the “**Placement**”) of registered shares (the “**Shares**” or the “**Securities**”) of the Company’s common stock, par value \$0.01 per share (the “**Common Stock**”). The terms of the Placement shall be mutually agreed upon by the Company, Konik and the purchasers of the Securities (each, a “**Purchaser**” and collectively, the “**Purchasers**”) and nothing herein constitutes that Konik would have the power or authority to bind the Company or any Purchaser or an obligation for the Company to issue any Securities or complete the Placement. This Agreement and the documents executed and delivered by the Company and the Purchasers in connection with the Placement, including but not limited to the Purchase Agreement (as defined below) shall be collectively referred to herein as the “**Transaction Documents**.” The date of the closing of the Placement shall be referred to herein as a “**Closing Date**.” The Company expressly acknowledges and agrees that Konik’s obligations hereunder are on a reasonable best efforts basis only and that the execution of this Agreement does not constitute a legal or binding commitment by Konik to purchase the Securities or introduce the Company to investors and does not ensure the successful placement of the Securities or any portion thereof or the success of Konik with respect to securing any other financing on behalf of the Company. The Placement Agent may retain other brokers or dealers to act as sub-agents or selected-dealers on its behalf in connection with the Placement. The sale of the Securities to any Purchaser will be evidenced by a securities purchase agreement (the “**Purchase Agreement**”) between the Company and such Purchaser in a form reasonably acceptable to the Company and Konik. Capitalized terms that are not otherwise defined herein have the meanings given to such terms in the Purchase Agreement. Prior to the signing of the Purchase Agreement, officers of the Company will be available to answer inquiries from prospective Purchasers.

SECTION 1. REPRESENTATIONS AND WARRANTIES OF THE COMPANY; COVENANTS OF THE COMPANY.

A. Representations of the Company. Each of the representations and warranties (together with any related disclosure schedules thereto) in the Purchase Agreement in connection with the Placement is hereby incorporated herein by reference into this Agreement (as though fully restated herein) and is, as of the date of this Agreement and as of the Closing Date, hereby made to, and in favor of, the Placement Agent. In addition to the foregoing, the Company represents and warrants that:

1. There are no affiliations with any FINRA member firm among the Company’s officers, directors or, to the knowledge of the Company, any ten percent (10.0%) or greater stockholder of the Company, except as set forth in the Registration Statement and SEC Reports.

B. Covenants of the Company. The Company has delivered or made available, or will as promptly as practicable deliver or make available, to the Placement Agent materially complete conformed copies of the Registration Statement (without exhibits) and each consent and certificate of experts, as applicable, filed as a part thereof, and conformed copies of the Preliminary Prospectus and the Prospectus, as amended or supplemented, in such quantities and at such places as the Placement Agent reasonably requests. Neither the Company nor any of its directors and officers has distributed and none of them will distribute, prior to the Closing Date, any offering material in connection with the offering and sale of the Securities pursuant to the Placement other than the Preliminary Prospectus, the Prospectus, the Registration Statement, copies of the documents incorporated by reference therein and any other materials permitted by the Securities Act.

SECTION 2. REPRESENTATIONS OF THE PLACEMENT AGENT. The Placement Agent represents and warrants that it (i) is a member in good standing of FINRA, (ii) is registered as a broker/dealer under the Exchange Act, (iii) is licensed as a broker/dealer under the laws of the States applicable to the offers and sales of the Securities by such Placement Agent, (iv) is and will be a body corporate validly existing under the laws of its place of incorporation, and (v) has full power and authority to enter into and perform its obligations under this Agreement. The Placement Agent will immediately notify the Company in writing of any change in its status as such. The Placement Agent covenants that it will use its reasonable best efforts to conduct the Placement hereunder in compliance with the provisions of this Agreement and the requirements of applicable law.

SECTION 3. COMPENSATION. In consideration of the services to be provided for hereunder, the Company shall pay to the Placement Agent or the following compensation with respect to the Securities which they are placing:

A. A cash fee (the “**Cash Fee**”) equal to an aggregate of seven percent (7.0%) of the aggregate gross proceeds raised in the Placement as of the closing of the Placement (the “**Closing**”). The Cash Fee shall be paid at the Closing.

B. Subject to compliance with FINRA Rule 5110(f)(2)(D), the Company also agrees, in case of Closing of the Placement, to reimburse the Placement Agent for all travel and other out-of-pocket expenses incurred, including the reasonable and documented fees, costs and disbursements of its legal counsel, in an amount not to exceed an aggregate of \$120,000 (inclusive of any advances received by the Placement Agent from the Company). The Company will reimburse the Placement Agent directly upon the Closing of the Placement from the gross proceeds raised in the Placement. In the event that this Agreement shall terminate prior to the consummation of the Placement, Konik shall nevertheless still be entitled to reimbursement for its actual and documented expenses; provided, however, that such expenses shall not exceed \$25,000, in the aggregate (inclusive of any advances received by the Placement Agent from the Company). For the avoidance of doubt, the payment of such expenses shall satisfy the Company’s obligations pursuant to Section 1(A)(iii) of the Engagement Agreement.

C. The Placement Agent reserves the right to reduce any item of its compensation or adjust the terms thereof as specified herein in the event that a determination shall be made by FINRA to the effect that such Placement Agent’s aggregate compensation is in excess of FINRA rules or that the terms thereof require adjustment.

SECTION 4. INDEMNIFICATION. The Company agrees to the indemnification and other agreements set forth in the Indemnification Provisions (the “**Indemnification**”) attached hereto as Addendum A, the provisions of which are incorporated herein by reference and shall survive the termination or expiration of this Agreement.

SECTION 5. ENGAGEMENT TERM. The Placement Agent's engagement hereunder shall be until the final closing date of the Placement (the period of time during which this Agreement remains in effect is referred to herein as the "**Term**"). Notwithstanding anything to the contrary contained herein, the provisions concerning confidentiality and indemnification and contribution contained herein and the Company's obligations contained in the Indemnification Provisions will survive any expiration or termination of this Agreement. The Placement Agent agrees not to use any confidential information concerning the Company provided to the Placement Agent by the Company for any purposes other than those contemplated under this Agreement.

SECTION 6. PLACEMENT AGENT INFORMATION. The Company agrees that any information or advice rendered by the Placement Agent in connection with this engagement is for the confidential use of the Company only in their evaluation of the Placement and, except as otherwise required by law, the Company will not disclose or otherwise refer to the advice or information in any manner without the Placement Agent's prior written consent.

SECTION 7. NO FIDUCIARY RELATIONSHIP. This Agreement does not create, and shall not be construed as creating rights enforceable by any person or entity not a party hereto, except those entitled hereto by virtue of the Indemnification Provisions hereof. The Company acknowledges and agrees that the Placement Agent is not and shall not be construed as a fiduciary of the Company and shall have no duties or liabilities to the equity holders or the creditors of the Company or any other person by virtue of this Agreement or the retention of such Placement Agent hereunder, all of which are hereby expressly waived.

SECTION 8. CLOSING. The obligations of the Placement Agent, and the closing of the sale of the Securities hereunder are subject to the accuracy, when made and on the Closing Date, of the representations and warranties on the part of the Company and its subsidiaries contained herein and in the Purchase Agreement, to the accuracy of the statements of the Company and its subsidiaries made in any certificates pursuant to the provisions hereof, to the performance by the Company and its subsidiaries of their obligations hereunder, and to each of the following additional terms and conditions, except as otherwise disclosed to and acknowledged and waived by the Placement Agent to the Company:

A. No stop order suspending the effectiveness of the Registration Statement shall have been issued and no proceedings for that purpose shall have been initiated or threatened by the Commission, and any request for additional information on the part of the Commission (to be included in the Registration Statement, the Preliminary Prospectus and the Prospectus or otherwise) shall have been complied with to the reasonable satisfaction of the Placement Agent. Any filings required to be made by the Company in connection with the Placement shall have been timely filed with the Commission.

B. The Placement Agent shall not have discovered and disclosed to the Company on or prior to the Closing Date that the Registration Statement, the Preliminary Prospectus and the Prospectus or any amendment or supplement thereto contains an untrue statement of a fact which, in the reasonable opinion of counsel for the Placement Agent, is material or omits to state any fact which, in the reasonable opinion of such counsel, is material and is required to be stated therein or is necessary to make the statements therein not misleading.

C. All corporate proceedings and other legal matters incident to the authorization, form, execution, delivery and validity of each of this Agreement, the Securities, the Registration Statement, the Preliminary Prospectus and the Prospectus and all other legal matters relating to this Agreement and the transactions contemplated hereby shall be reasonably satisfactory in all material respects to counsel for the Placement Agent, and the Company shall have furnished to such counsel all documents and information that they may reasonably request to enable them to pass upon such matters.

D. On the Closing Date, the Placement Agent shall have received a legal opinion of Company Counsel, including negative assurance letter (subject to the delivery of one or more customary comfort letters as set forth below in Section 8(E) and delivery of a customary negative assurance letter by counsel to Konik), substantially in form and substance reasonably acceptable to the Placement Agent and Placement Agent's legal counsel.

E. On the date hereof, a customary comfort letter from PricewaterhouseCoopers LLP addressed to the Placement Agent, and a bring-down letter, from PricewaterhouseCoopers LLP, dated as of the Closing Date, in the form and substance satisfactory in all respects to the Placement Agent and Placement Agent's legal counsel.

F. On the Closing Date, Placement Agent shall have received a certificate of the chief executive officer of the Company, dated as of the date of the Closing, to the effect that, as of the date of this Agreement and as of the applicable date, the representations and warranties of the Company contained herein and in the Purchase Agreement were and are accurate in all material respects, except for such changes as are contemplated by this Agreement and except as to representations and warranties that were expressly limited to a state of facts existing at a time prior to the applicable Closing Date, and that, as of the applicable date, the obligations to be performed by the Company hereunder on or prior thereto have been fully performed in all material respects. If necessary, on the Closing Date, the Placement Agent shall have received a certificate of the chief financial officer of the Company, dated as of the date of the Closing, providing a customary certification as to such accounting or financial matters that are included or incorporated by reference in the Registration Statement or the Prospectus and that PricewaterhouseCoopers LLP is unable to provide assurances on in the letters contemplated by Section 8(E) above.

G. On the Closing Date, Placement Agent shall have received a certificate of the Secretary of the Company, dated as of the date of the Closing, certifying to the organizational documents of the Company, good standing in the state of incorporation of the Company and board resolutions relating to the Placement of the Securities from the Company.

H. Neither the Company nor any of its subsidiaries (i) shall have sustained since the date of the Purchase Agreement, any loss or interference with its business from fire, explosion, flood, terrorist act or other calamity, whether or not covered by insurance, or from any labor dispute or court or governmental action, order or decree, otherwise than as set forth in or contemplated by the Registration Statement, the Preliminary Prospectus and the Prospectus, (ii) since such date there shall not have been any change in the capital stock or long-term debt of the Company or any of its subsidiaries or any change, or any development involving a prospective change, in or affecting the business, general affairs, management, financial position, stockholders' equity, results of operations or prospects of the Company and its subsidiaries, otherwise than as set forth in or contemplated by the Registration Statement, the Preliminary Prospectus and the Prospectus, and (iii) since such date there shall not have been any new or renewed inquiries by the Commission, FINRA or any other regulatory body regarding the Company, the effect of which, in any such case described in clause (i), (ii) or (iii), is, in the judgment of the Placement Agent, so material and adverse as to make it impracticable or inadvisable to proceed with the sale or delivery of the Securities on the terms and in the manner contemplated by the Purchase Agreement, the Preliminary Prospectus and the Prospectus.

I. The Common Stock is registered under the Exchange Act and, as of the Closing Date, the Shares shall be listed and admitted and authorized for trading on the Trading Market or other applicable U.S. national exchange, or an application for such listing shall have been submitted to the Trading Market, and satisfactory evidence of such action shall have been provided to the Placement Agent. The Company shall have taken no action designed to, or likely to have the effect of terminating the registration of the Common Stock under the Exchange Act or delisting or suspending from trading the Common Stock from the Trading Market or other applicable U.S. national exchange, nor, except as disclosed in the Preliminary Prospectus and the Prospectus, has the Company received any information suggesting that the Commission or the Trading Market or other U.S. applicable national exchange is contemplating terminating such registration or listing.

J. No action shall have been taken and no statute, rule, regulation or order shall have been enacted, adopted or issued by any governmental agency or body which would, as of the Closing Date, prevent the issuance or sale of the Securities or materially and adversely affect or potentially and adversely affect the business or operations of the Company; and no injunction, restraining order or order of any other nature by any federal or state court of competent jurisdiction shall have been issued as of the Closing Date which would prevent the issuance or sale of the Securities or materially and adversely affect or potentially and adversely affect the business or operations of the Company.

K. The Company shall have entered into a Purchase Agreement with each of the Purchasers and such agreements shall be in full force and effect and shall contain representations, warranties and covenants of the Company as agreed between the Company and the Purchasers.

L. FINRA shall have raised no objection to the fairness and reasonableness of the terms and arrangements of this Agreement. In addition, the Company shall, if requested by the Placement Agent, make or authorize Placement Agent's counsel to make on the Company's behalf, any filing with the FINRA Corporate Financing Department pursuant to FINRA Rule 5110 with respect to the Placement and pay all filing fees required in connection therewith.

M. Prior to the Closing Date, the Company shall have furnished to the Placement Agent such further information, certificates and documents as the Placement Agent may reasonably request.

If any of the conditions specified in this Section 8 shall not have been fulfilled when and as required by this Agreement, or if any of the certificates, opinions, written statements or letters furnished to the Placement Agent or to Placement Agent's counsel pursuant to this Section 8 shall not be reasonably satisfactory in form and substance to the Placement Agent and to Placement Agent's legal counsel, all obligations of the Placement Agent hereunder may be cancelled by the Placement Agent at, or at any time prior to, the consummation of the Closing. Notice of such cancellation shall be given to the Company in writing or orally. Any such oral notice shall be confirmed promptly thereafter in writing.

SECTION 9. SUBSEQUENT EQUITY SALES.

A. From the date hereof until ninety (90) days after the Closing Date, neither the Company nor any Subsidiary shall (i) issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or Common Stock Equivalents or (ii) file any registration statement or any amendment or supplement thereto, other than the Prospectus as contemplated pursuant to the Purchase Agreement or the filing of a registration statement on Form S-8 (including any post-amendment to any such registration statement) in connection with any employee benefit plan.

B. Notwithstanding the foregoing, this Section 9 shall not apply in respect of an Exempt Issuance.

SECTION 10. GOVERNING LAW. This Agreement will be governed by, and construed in accordance with, the laws of the State of New York applicable to agreements made and to be performed entirely in such State, without regard to the conflicts of laws principles thereof. This Agreement may not be assigned by either party without the prior written consent of the other party. This Agreement shall be binding upon and inure to the benefit of the parties hereto, and their respective successors and permitted assigns. Any right to trial by jury with respect to any dispute arising under this Agreement or any transaction

or conduct in connection herewith is waived. Any dispute arising under this Agreement may be brought into the courts of the State of New York or into the federal court located in New York, New York and, by execution and delivery of this Agreement, the Company hereby accepts for itself and in respect of its property, generally and unconditionally, the jurisdiction of aforesaid courts. Each party hereto hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by delivering a copy thereof via overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. The Company agrees that a final judgment in any such action, proceeding or counterclaim brought in any such court shall be conclusive and binding upon the Company and may be enforced in any other courts to the jurisdiction of which the Company is or may be subject, by suit upon such judgment. If either party shall commence an action or proceeding to enforce any provisions of a Transaction Document, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its attorney's fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding. This paragraph shall survive any termination of this Agreement, in whole or in part.

SECTION 11. ENTIRE AGREEMENT/MISC. This Agreement (including the attached Indemnification Provisions) embodies the entire agreement and understanding between the parties hereto, and supersedes all prior agreements and understandings, relating to the subject matter hereof. If any provision of this Agreement is determined to be invalid or unenforceable in any respect, such determination will not affect such provision in any other respect or any other provision of this Agreement, which will remain in full force and effect. This Agreement may not be amended or otherwise modified or waived except by an instrument in writing signed by both Placement Agent and the Company. The representations, warranties, agreements and covenants contained herein shall survive the closing of the Placement and delivery of the Securities. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party, it being understood that both parties need not sign the same counterpart. In the event that any signature is delivered by facsimile transmission or a .pdf format file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or .pdf signature page were an original thereof.

SECTION 12. CONFIDENTIALITY. The Placement Agent (i) will keep the Confidential Information (as such term is defined below) confidential and will not (except as required by applicable law or stock exchange requirement, regulation or legal process ("**Legal Requirement**"), without the Company's prior written consent, disclose to any person any Confidential Information, and (ii) will not use any Confidential Information other than in connection with the Placement. The Placement Agent further agrees to disclose the Confidential Information only to its Representatives (as such term is defined below) who need to know the Confidential Information for the purpose of the Placement, and who are informed by the Placement Agent of the confidential nature of the Confidential Information. The term "**Confidential Information**" shall mean, all confidential, proprietary and non-public information (whether written, oral or electronic communications) furnished by the Company to the Placement Agent or its Representatives in connection with the Placement Agent's evaluation of the Placement. The term "**Confidential Information**" will not, however, include information which (i) is or becomes publicly available other than as a result of a disclosure by the Placement Agent or its Representatives in violation of this Agreement, (ii) is or becomes available to the Placement Agent or any of its Representatives on a non-confidential basis from a third-party, (iii) is known to the Placement Agent or any of its Representatives prior to disclosure by the Company or any of its Representatives, or (iv) is or has been independently developed by the Placement Agent and/or the Representatives without use of any Confidential Information furnished to it by the Company. The term "Representatives" shall mean the Placement Agent's directors, board committees, officers, employees,

financial advisors, attorneys and accountants. This provision shall be in full force until the earlier of (a) the date that the Confidential Information ceases to be confidential and (b) two (2) years from the date hereof. Notwithstanding any of the foregoing, in the event that the Placement Agent or any of its Representatives are required by Legal Requirement to disclose any of the Confidential Information, such Placement Agent and its Representatives will furnish only that portion of the Confidential Information which such Placement Agent or its Representative, as applicable, is required to disclose by Legal Requirement as advised by counsel, and will use reasonable efforts to obtain reliable assurance that confidential treatment will be accorded the Confidential Information so disclosed.

SECTION 13. NOTICES. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of (a) the date of transmission, if such notice or communication is sent to the email address specified on the signature pages attached hereto prior to 6:30 p.m. (New York City time) on a business day, (b) the next business day after the date of transmission, if such notice or communication is sent to the email address on the signature pages attached hereto on a day that is not a business day or later than 6:30 p.m. (New York City time) on any business day, (c) the third business day following the date of mailing, if sent by U.S. internationally recognized air courier service, or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages hereto.

SECTION 14. PRESS ANNOUNCEMENTS. The Company agrees that the Placement Agent shall, from and after any Closing, have the right to reference the Placement and the Placement Agent's role in connection therewith in the Placement Agent's marketing materials and on its website and to place advertisements in financial and other newspapers and journals, in each case at its own expense.

[The remainder of this page has been intentionally left blank.]

Please confirm that the foregoing correctly sets forth our agreement by signing and returning to Konik the enclosed copy of this Agreement.

Very truly yours,
**KONIK CAPITAL PARTNERS, LLC, A DIVISION OF
T.R. WINSTON & CO.**

By: _____

Name:

Title:

Address for notice:

[]

Attention:

Email:

Accepted and Agreed to as of
the date first written above:

5E ADVANCED MATERIALS, INC.

By: _____

Name:

Title:

Address for notice:

9329 Mariposa Road, Suite 210

Hesperia, California 92344

Attention: Paul Weibel, Chief Executive Officer

Email:

[Signature Page to Placement Agency Agreement]

ADDENDUM A

INDEMNIFICATION PROVISIONS

In connection with the engagement of Konik Capital Partners, LLC, a division of T.R. Winston & Co. (the "Placement Agent") by 5E Advanced Materials, Inc. (the "Company") pursuant to a placement agency agreement dated as of the date hereof, between the Company and the Placement Agent, as it may be amended from time to time in writing (the "Agreement"), the Company hereby agrees as follows:

1. To the extent permitted by law, the Company will indemnify the Placement Agent and its affiliates, directors, officers, employees and controlling persons (within the meaning of Section 15 of the Securities Act of 1933, as amended, or Section 20 of the Securities Exchange Act of 1934, as amended) against all losses, claims, damages, expenses and liabilities, as the same are incurred (including the reasonable fees and expenses of counsel), relating to or arising out of its activities hereunder or pursuant to the Agreement, except, with regard to the Placement Agent, to the extent that any losses, claims, damages, expenses or liabilities (or actions in respect thereof) are found in a final judgment (not subject to appeal) by a court of law to have resulted primarily and directly from the Placement Agent's willful misconduct or gross negligence in performing the services described herein, as the case may be.

2. Promptly after receipt by the Placement Agent of notice of any claim or the commencement of any action or proceeding with respect to which the Placement Agent is entitled to indemnity hereunder, the Placement Agent will notify the Company in writing of such claim or of the commencement of such action or proceeding, and the Company will assume the defense of such action or proceeding and will employ counsel reasonably satisfactory to the Placement Agent and will pay the reasonable fees and expenses of such counsel. Notwithstanding the preceding sentence, the Placement Agent will be entitled to employ counsel separate from counsel for the Company and from any other party in such action if counsel for the Placement Agent reasonably determines that it would be inappropriate under the applicable rules of professional responsibility for the same counsel to represent both the Company and the Placement Agent. In such event, the reasonable fees and disbursements of no more than one such separate counsel will be paid by the Company. The Company will have the exclusive right to settle the claim or proceeding provided that the Company will not settle any such claim, action or proceeding without the prior written consent of the Placement Agent, which will not be unreasonably withheld.

3. The Company agrees to notify the Placement Agent promptly of the assertion against it or any other person of any claim or the commencement of any action or proceeding relating to a transaction contemplated by the Agreement.

4. If for any reason the foregoing indemnity is unavailable to the Placement Agent or insufficient to hold the Placement Agent harmless, then the Company shall contribute to the amount paid or payable by the Placement Agent, as the case may be, as a result of such losses, claims, damages or liabilities in such proportion as is appropriate to reflect not only the relative benefits received by the Company on the one hand, and the Placement Agent on the other, but also the relative fault of the Company on the one hand and the Placement Agent on the other that resulted in such losses, claims, damages or liabilities, as well as any relevant equitable considerations. The amounts paid or payable by a party in respect of losses, claims, damages and liabilities referred to above shall be deemed to include any legal or other fees and expenses incurred in defending any litigation, proceeding or other action or claim. Notwithstanding the provisions hereof, the Placement Agent's share of the liability hereunder shall not be in excess of the amount of fees actually received, or to be received, by the Placement Agent under the Agreement (excluding any amounts received as reimbursement of expenses incurred by the Placement Agent).

5. These Indemnification Provisions shall remain in full force and effect whether or not the transaction contemplated by the Agreement is completed and shall survive the termination of the Agreement, and shall be in addition to any liability that the Company might otherwise have to any indemnified party under the Agreement or otherwise.

650 Town Center Drive, 20th Floor
 Costa Mesa, California 92626-1925
 Tel: +1.714.540.1235 Fax: +1.714.755.8290
 www.lw.com

LATHAM & WATKINS LLP

FIRM / AFFILIATE OFFICES

Austin	Milan
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Boston	New York
Brussels	Orange County
Chicago	Paris
Dubai	Riyadh
Düsseldorf	San Diego
Frankfurt	San Francisco
Hamburg	Seoul
Hong Kong	Silicon Valley
Houston	Singapore
London	Tel Aviv
Los Angeles	Tokyo
Madrid	Washington, D.C.

January 27, 2026

5E Advanced Materials, Inc.
 9329 Mariposa Road, Suite 210
 Hesperia, CA 92344

Re: Registration Statement on Form S-1

To the addressee set forth above:

We have acted as special counsel to 5E Advanced Materials, Inc., a Delaware corporation (the “*Company*”), in connection with the proposed issuance of up to 8,720,930 shares of common stock, \$0.01 par value per share (the “*Shares*”). The Shares are included in a registration statement on Form S-1 under the Securities Act of 1933, as amended (the “*Act*”), filed with the Securities and Exchange Commission (the “*Commission*”) on January 27 (as amended, the “*Registration Statement*”). The term “Shares” shall include any additional shares of common stock registered by the Company pursuant to Rule 462(b) under the Act in connection with the offering contemplated by the Registration Statement. This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or related prospectus, other than as expressly stated herein with respect to the issue of the Shares.

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Company and others as to factual matters without having independently verified such factual matters. We are opining herein as to the General Corporation Law of the State of Delaware (the “*DGCL*”), and we express no opinion with respect to any other laws.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, when the Shares shall have been duly registered on the books of the transfer agent and registrar therefor in the name or on behalf of the purchasers and have been issued by the Company against payment therefor (not less than par value) in the circumstances contemplated by the form of securities purchase agreement most recently filed as an exhibit to the Registration Statement, the issue and sale of the Shares will have been duly authorized by all necessary corporate action of the Company, and the Shares will be validly issued, fully paid and nonassessable. In rendering the foregoing opinion, we have assumed that the Company will comply with all applicable notice requirements regarding uncertificated shares provided in the DGCL.

January 27, 2026

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LATHAM & WATKINS LLP

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Registration Statement and to the reference to our firm in the prospectus under the heading "Legal Matters." We further consent to the incorporation by reference of this letter and consent into any registration statement or post-effective amendment to the Registration Statement filed pursuant to Rule 462(b) with respect to the Shares. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Sincerely,

/s/ Latham & Watkins LLP

SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this “Agreement”) is dated as of January [___], 2026, between 5E Advanced Materials, Inc., a Delaware corporation (the “Company”), and each purchaser identified on the signature pages hereto (each, including its successors and assigns, a “Purchaser” and collectively the “Purchasers”).

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to an effective registration statement under the Securities Act (as defined below), the Company desires to issue and sell to each Purchaser, and each Purchaser, severally and not jointly, desires to purchase from the Company, securities of the Company as more fully described in this Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants contained in this Agreement, and for other good and valuable consideration the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser agree as follows:

ARTICLE I.
DEFINITIONS

1.1 Definitions. In addition to the terms defined elsewhere in this Agreement, for all purposes of this Agreement, the following terms have the meanings set forth in this Section 1.1:

“Acquiring Person” shall have the meaning ascribed to such term in Section 4.4.

“Action” shall have the meaning ascribed to such term in Section 3.1(k).

“Affiliate” means with respect to any Person, any other Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with such Person as such terms are used in and construed under Rule 405 under the Securities Act.

“ASX” means the Australian Stock Exchange.

“Board of Directors” means the board of directors of the Company.

“Business Day” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed; provided, however, for clarification, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”, “non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in The City of New York generally are open for use by customers on such day.

“Closing” means the closing of the purchase and sale of the Shares pursuant to Section 2.1.

“Closing Date” means the hour and the date on the Trading Day on which all of the Transaction Documents have been executed and delivered by the applicable parties thereto, and all conditions precedent to (i) the Purchasers’ obligations to pay the Subscription Amount and (ii) the Company’s obligations to deliver the Shares, in each case, have been satisfied or waived, but in no event later than 10:00 a.m. (New York City time) on the first (1st) Trading Day (or the second (2nd) Trading Day if this Agreement is executed after 4:00 p.m. (New York City time) but prior to 11:59 p.m. (New York City time)) following the date hereof or at such earlier time as shall be agreed upon by the Purchasers and the Company.

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the common stock of the Company, par value \$0.01 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Common Stock Equivalents” means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“Company Auditor” means PricewaterhouseCoopers LLP.

“Company Counsel” means Latham & Watkins LLP, with offices located at 650 Town Center Drive, 20th Floor, Costa Mesa, CA 92626-1925.

“Disclosure Time” means, (i) if this Agreement is signed on a day that is not a Trading Day or after 9:00 a.m. (New York City time) and before midnight (New York City time) on any Trading Day, 9:01 a.m. (New York City time) on the Trading Day immediately following the date hereof, unless otherwise instructed as to an earlier time by the Placement Agent, and (ii) if this Agreement is signed between midnight (New York City time) and 9:00 a.m. (New York City time) on any Trading Day, no later than 9:01 a.m. (New York City time) on the date hereof, unless otherwise instructed as to an earlier time by the Placement Agent.

“EGS” means Ellenoff Grossman & Schole LLP, with offices located at 1345 Avenue of the Americas, New York, NY 10105.

“Evaluation Date” shall have the meaning ascribed to such term in Section 3.1(s).

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“Exempt Issuance” means the issuance of (a) shares of Common Stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors

established for such purpose for services rendered to the Company, (b) securities upon the exercise or exchange of or conversion of any securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities or to extend the term of such securities, and (c) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith within ninety (90) days following the Closing Date, and provided that any such issuance shall only be to a Person (or to the equity holders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

“FCPA” means the Foreign Corrupt Practices Act of 1977, as amended.

“FINRA” means the Financial Industry Regulatory Authority, Inc.

“GAAP” shall have the meaning ascribed to such term in Section 3.1(i).

“Indebtedness” means (i) any liabilities for borrowed money or amounts owed in excess of \$100,000 (other than trade accounts payable incurred in the ordinary course of business), (ii) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Company’s consolidated balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business, and (iii) the present value of any lease payments in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP.

“Intellectual Property Rights” shall have the meaning ascribed to such term in Section 3.1(p).

“Liens” means a lien, charge, pledge, security interest, encumbrance, right of first refusal, preemptive right or other restriction.

“Lock-Up Agreements” means the lock-up agreements, dated on or before the date of this Agreement, by and among the Company and the (i) directors and officers of the Company, (ii) BEP Special Situations IV LLC and (iii) Ascend Global Investment Fund SPC for and on behalf of Strategic SP, substantially in the form of Exhibit A attached hereto.

“Material Adverse Effect” means (i) a material adverse effect on the legality, validity or enforceability of any Transaction Document, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company’s ability to perform in any material respect on a timely basis its obligations under any Transaction Document.

“Material Permits” shall have the meaning ascribed to such term in Section 3.1(n).

“Per Share Purchase Price” equals \$[____], subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Placement Agent” means Konik Capital Partners, LLC.

“Preliminary Prospectus” means the preliminary prospectus included in the Registration Statement at the time it was declared effective by the Commission.

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Prospectus” means the final prospectus filed in respect of the Registration Statement with the Commission pursuant to Rule 424(b), and includes all documents incorporated or deemed to be incorporated therein pursuant to Item 12 of Form S-1 under the Securities Act.

“Prospectus Supplement” means, if any, any supplement to the Prospectus complying with Rule 424(b) of the Securities Act that is filed with the Commission relating to the Shares and the offering thereof.

“Purchaser Party” shall have the meaning ascribed to such term in Section 4.7.

“Registration Statement” means the effective registration statement on Form S-1 (File No. 333-[____]) which registers the sale of the Shares to the Purchasers, and includes (i) all exhibits and schedules thereto at such time, the documents incorporated or deemed to be incorporated therein at such time pursuant to Item 12 of Form S-1 under the Securities Act, (ii) the information otherwise deemed to be a part thereof at such time pursuant to Rule 430A under the Securities Act, and (iii) any Rule 462(b) Registration Statement.

“Required Approvals” shall have the meaning ascribed to such term in Section 3.1(e).

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Rule 462(b) Registration Statement” means any registration statement prepared by the Company registering additional Shares, which was filed with the Commission on or prior to the date hereof and became automatically effective pursuant to Rule 462(b) promulgated by the Commission pursuant to the Securities Act.

“SEC Reports” shall have the meaning ascribed to such term in Section 3.1(i).

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Shares” means the shares of Common Stock issued or issuable to each Purchaser pursuant to this Agreement.

“Short Sales” means all “short sales” as defined in Rule 200 of Regulation SHO under the Exchange Act (but shall not be deemed to include locating and/or borrowing shares of Common Stock).

“Subscription Amount” means, as to each Purchaser, the aggregate amount to be paid for Shares purchased hereunder as specified below such Purchaser’s name on the signature page of this Agreement and next to the heading “Subscription Amount,” in United States dollars and in immediately available funds.

“Subsidiary” means any subsidiary of the Company.

“Trading Day” means a day on which the principal Trading Market is open for trading.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange, OTCQX or OTCQB (or any successors to any of the foregoing).

“Transaction Documents” means this Agreement, the Lock-Up Agreements, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated hereunder.

“Transfer Agent” means Computershare Trust Company N.A., the current transfer agent of the Company, and any successor transfer agent of the Company.

ARTICLE II.
PURCHASE AND SALE

2.1 Closing. On the Closing Date, upon the terms and subject to the conditions set forth herein, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, up to an aggregate of \$[] of Shares. Each Purchaser's Subscription Amount as set forth on the signature page hereto executed by such Purchaser shall be made available for "Delivery Versus Payment" settlement with the Company or its designee. The Company shall deliver to each Purchaser its respective Shares, and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3, the Closing shall take place remotely by electronic transfer of the Closing documentation. Unless otherwise directed by the Placement Agent, settlement of the Shares shall occur via "Delivery Versus Payment" ("DVP") (i.e., on the Closing Date, the Company shall issue the Shares registered in the Purchasers' names and addresses and released by the Transfer Agent directly to the account(s) at the Placement Agent identified by each Purchaser; upon receipt of such Shares, the Placement Agent shall promptly electronically deliver such Shares to the applicable Purchaser, and payment therefor shall be made by the Placement Agent (or its clearing firm) by wire transfer to the Company).

2.2 Deliveries.

(a) On or prior to the Closing Date (except as indicated below), the Company shall deliver or cause to be delivered to each Purchaser the following:

- (i) this Agreement duly executed by the Company;
- (ii) a legal opinion of Company Counsel substantially in form and substance reasonably acceptable to the Purchasers and Placement Agent;
- (iii) a certificate executed by the Chief Executive Officer and Chief Financial Officer of the Company, dated as of the date of Closing, in form and substance reasonably acceptable to the Purchasers and Placement Agent;
- (iv) a certificate executed by the Secretary of the Company, dated as of the date of Closing, in form and substance reasonably acceptable to the Purchasers and Placement Agent;
- (v) subject to Section 2.1, the Company shall have provided each Purchaser with the Company's wire instructions, on Company letterhead and executed by the Chief Executive Officer or Chief Financial Officer;
- (vi) subject to Section 2.1, a copy of the irrevocable instructions to the Transfer Agent instructing the Transfer Agent to deliver on an expedited basis via The Depository Trust Company Deposit or Withdrawal at Custodian system ("DWAC") the number of Shares set forth on such Purchaser's signature page hereto;
- (vii) on the date hereof, the duly executed Lock-Up Agreements; and

- (viii) the Preliminary Prospectus and Prospectus (which may be delivered in accordance with Rule 172 under the Securities Act).
- (b) On or prior to the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company, as applicable, the following:
 - (i) this Agreement duly executed by such Purchaser; and
 - (ii) such Purchaser's Subscription Amount, which shall be made available for "Delivery Versus Payment" settlement with the Company or its designee.

2.3 Closing Conditions.

- (a) The obligations of the Company hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality, in all respects) on the Closing Date of the representations and warranties of the Purchasers contained herein (unless as of a specific date therein in which case they shall be accurate in all material respects (or, to the extent representations or warranties are qualified by materiality, in all respects) as of such date);
 - (ii) all obligations, covenants and agreements of each Purchaser required to be performed at or prior to the Closing Date shall have been performed; and
 - (iii) the delivery by each Purchaser of the items set forth in Section 2.2(b) of this Agreement.
- (b) The respective obligations of the Purchasers hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) when made and on the Closing Date of the representations and warranties of the Company contained herein (unless as of a specific date therein in which case they shall be accurate in all material respects, or to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects as of such date);
 - (ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the Closing Date shall have been performed;
 - (iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;

(iv) there shall have been no Material Adverse Effect with respect to the Company;

(v) from the date hereof to the Closing Date, trading in the Common Stock shall not have been suspended by the Commission or the Company's principal Trading Market, and, at any time prior to the Closing Date, trading in securities generally as reported by Bloomberg L.P. shall not have been suspended or limited, or minimum prices shall not have been established on securities whose trades are reported by such service, or on any Trading Market, nor shall a banking moratorium have been declared either by the United States or New York State authorities nor shall there have occurred any material outbreak or escalation of hostilities or other national or international calamity of such magnitude in its effect on, or any material adverse change in, any financial market which, in each case, in the reasonable judgment of such Purchaser, makes it impracticable or inadvisable to purchase the Shares at the Closing.

ARTICLE III. REPRESENTATIONS AND WARRANTIES

3.1 Representations and Warranties of the Company. The Company hereby makes the following representations and warranties to each Purchaser:

(a) Subsidiaries. All of the direct and indirect Subsidiaries of the Company are set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus. The Company owns, directly or indirectly, all of the capital stock or other equity interests of each Subsidiary free and clear of any Liens, and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities. If the Company has no Subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation nor default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, would not, individually or in the aggregate, or reasonably be expected to result in a Material Adverse Effect and, to the Company's knowledge, no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

(c) Authorization; Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and each of the other Transaction Documents to which the Company is a party and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement and each of the other Transaction Documents by the Company and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Board of Directors or the Company's stockholders in connection herewith or therewith other than in connection with the Required Approvals. This Agreement and each other Transaction Document to which the Company is a party has been (or upon delivery will have been) duly executed by the Company and, when delivered in accordance with the terms hereof and thereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(d) No Conflicts. The execution, delivery and performance by the Company of this Agreement and the other Transaction Documents to which it is a party, the issuance and sale of the Shares and the consummation by it of the transactions contemplated hereby and thereby do not and will not (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, anti-dilution or similar adjustments, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or a Subsidiary is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected; except in the case of each of clauses (ii) and (iii), such as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings with the Commission of the Prospectus, any Free Writing Prospectus and a Current Report on Form 8-K in respect of the sale of the Shares, (ii) such filings as are required to be made under applicable state securities laws, (iii) Trading Market for the listing of the Shares for trading thereon in the time and manner required thereby and (iv) the rules of the Financial Industry Regulatory Authority, Inc. (collectively, the "Required Approvals").

(f) Registration Statement. The Company has filed with the Commission the Registration Statement, including the Preliminary Prospectus, the Prospectus and any Prospectus Supplements, for the registration of the Shares under the Securities Act, which Registration Statement has been prepared by the Company in all material respects in conformity with the requirements of the Securities Act and the rules and regulations of the Commission under the Securities Act. The Registration Statement has been declared effective by the Commission on the date hereof (the “Effective Date”). The Company has advised the Placement Agent of all further information (financial and other) with respect to the Company required to be set forth therein in the Registration Statement, the Preliminary Prospectus and the Prospectus. Any reference in this Agreement to the Registration Statement, the Preliminary Prospectus, the Prospectus or any Prospectus Supplement shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-1 which were filed under the Exchange Act, on or before the date of this Agreement, or the issue date of the Preliminary Prospectus, the Prospectus or any Prospectus Supplement, as the case may be; and any reference in this Agreement to the terms “amend,” “amendment” or “supplement” with respect to the Registration Statement, the Preliminary Prospectus, the Prospectus or any Prospectus Supplement shall be deemed to refer to and include the filing of any document under the Exchange Act after the date of this Agreement, or the issue date of the Preliminary Prospectus, the Prospectus or any Prospectus Supplement, as the case may be, deemed to be incorporated therein by reference. All references in this Agreement to financial statements and schedules and other information which is “contained,” “included,” “described,” “referenced,” “set forth” or “stated” in the Registration Statement, the Preliminary Prospectus, the Prospectus or any Prospectus Supplement (and all other references of like import) shall be deemed to mean and include all such financial statements and schedules and other information which is or is deemed to be incorporated by reference in the Registration Statement, the Preliminary Prospectus, the Prospectus or any Prospectus Supplement, as the case may be. No stop order suspending the effectiveness of the Registration Statement or the use of the Preliminary Prospectus or the Prospectus has been issued, and no proceeding for any such purpose is pending or has been initiated or, to the Company’s knowledge, is threatened by the Commission. For purposes of this Agreement, “Free Writing Prospectus” has the meaning set forth in Rule 405 under the Securities Act. The Company will not, without the prior consent of the Placement Agent, prepare, use or refer to, any free writing prospectus.

(g) Issuance of Shares. The Shares are duly authorized and, when issued and paid for in accordance with the applicable Transaction Documents, will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company. The holder of the Shares will not be subject to personal liability by reason of being such holders. The Shares are not and will not be subject to the preemptive rights of any holders of any security of the Company or similar contractual rights granted by the Company that has not been duly waived or satisfied. All corporate action required to be taken for the authorization, issuance and sale of the Shares has been duly and validly taken. The Shares conform in all material respects to all statements with respect thereto contained in the Registration Statement and the Prospectus.

(h) Capitalization. The authorized capitalization of the Company is as set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus under the caption “Description of Capital Stock.” No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus or granted under the Company’s stock option plans, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire, any shares of Common Stock or the capital stock of any Subsidiary, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents or the capital stock of any Subsidiary. The issuance and sale of the Shares will not obligate the Company or any Subsidiary to issue shares of Common Stock or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. There are no outstanding securities or instruments of the Company or any Subsidiary with any provision that adjusts the exercise, conversion, exchange or reset price of such security or instrument upon an issuance of securities by the Company or any Subsidiary. There are no outstanding securities or instruments of the Company or any Subsidiary that contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to redeem a security of the Company or such Subsidiary. The Company does not have any stock appreciation rights or “phantom stock” plans or agreements or any similar plan or agreement. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. The authorized shares of the Company conform in all material respects to all statements relating thereto contained in the Registration Statement and the Prospectus. The offers and sales of the Company’s securities were at all relevant times either registered under the Securities Act and the applicable state securities or Blue Sky laws or, based in part on the representations and warranties of the purchasers, exempt from such registration requirements. No further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Shares. There are no stockholders agreements, voting agreements or other similar agreements with respect to the Company’s capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company’s stockholders.

(i) SEC Reports; Financial Statements. All reports, schedules, forms, statements and other documents filed by the Company and incorporated by reference into the Registration Statement, the Preliminary Prospectus, the Prospectus or any Prospectus Supplement (the “SEC Reports”) complied in all material respects with the requirements of the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved (“GAAP”), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(j) Material Changes; Undisclosed Events, Liabilities or Developments. Since the date of the latest audited financial statements included within the SEC Reports, except as specifically disclosed in the Registration Statement, the Preliminary Prospectus and the Prospectus, (i) there has been no event, occurrence or development that has had or that would reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any material liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business and (B) liabilities not required to be reflected in the Company’s financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock, (v) the Company has not issued any equity securities to any officer, director or Affiliate, except pursuant to existing Company stock option plans and (vi) no officer or director of the Company has resigned from any position with the Company. The Company does not have pending before the Commission any request for confidential treatment of information.

(k) Litigation. Except as set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus, there is no action, suit, inquiry, notice of violation, proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an “Action”) which (i) adversely affects or challenges the legality, validity or enforceability of this Agreement or any of the Transaction Documents or the Shares or (ii) would, if there were an unfavorable decision, reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor, to the Company’s knowledge, any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the

Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. To the Company's knowledge, the Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Securities Act.

(l) Labor Relations. No labor dispute exists or, to the knowledge of the Company, is imminent with respect to any of the employees of the Company, which would, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect. None of the Company's or its Subsidiaries' employees is a member of a union that relates to such employee's relationship with the Company or such Subsidiary, and neither the Company nor any of its Subsidiaries is a party to a collective bargaining agreement, and the Company and its Subsidiaries believe that their relationships with their employees are good. To the knowledge of the Company, no executive officer of the Company or any Subsidiary, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other contract or agreement or any restrictive covenant in favor of any third party, and the continued employment of each such executive officer does not subject the Company or any of its Subsidiaries to any liability with respect to any of the foregoing matters. The Company and its Subsidiaries are in compliance with all applicable U.S. federal, state, local and foreign laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours, except where the failure to be in compliance would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(m) Compliance. Neither the Company nor any Subsidiary: (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any judgment, decree or order of any court, arbitrator or other governmental authority or (iii) to the Company's knowledge, is or has been in violation of any statute, rule, ordinance or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(n) Regulatory Permits. The Company and the Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state, local or foreign regulatory authorities necessary to conduct their respective businesses as described in the SEC Reports, except where the failure to possess such permits would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect (each, a "Material Permit"), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit.

(o) Title to Assets. The Company and the Subsidiaries have good and marketable title in fee simple to, or have valid and marketable rights to lease or otherwise use, all real property and all personal property that is material to the business of the Company and the Subsidiaries, in each case free and clear of all Liens, except for (i) Liens that do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries and (ii) Liens for the payment of federal, state or other taxes, for which appropriate reserves have been made therefor in accordance with GAAP and, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company and the Subsidiaries are held by them under valid, subsisting and enforceable leases with which the Company and the Subsidiaries are in compliance.

(p) Intellectual Property. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights necessary or required for use in connection with their respective businesses as described in the SEC Reports and which the failure to do so would, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect (collectively, the “Intellectual Property Rights”). None of, and neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of, the Intellectual Property Rights has expired, terminated or been abandoned, or is expected to expire or terminate or be abandoned, within two (2) years from the date of this Agreement. Neither the Company nor any Subsidiary has received, since the date of the latest audited financial statements included within the SEC Reports, a written notice of a claim or otherwise has any knowledge that the Intellectual Property Rights violate or infringe upon the rights of any Person. To the knowledge of the Company, all such Intellectual Property Rights are enforceable and there is no existing infringement by another Person of any of the Intellectual Property Rights. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their intellectual properties, except where failure to do so would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(q) Insurance. The Company and the Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as are prudent and customary in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage. Neither the Company nor any Subsidiary has any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business without a significant increase in cost.

(r) Transactions With Affiliates and Employees. Except as described in the Registration Statement, the Preliminary Prospectus and the Prospectus, none of the officers or directors of the Company or any Subsidiary and, to the knowledge of the Company, none of the employees of the Company or any Subsidiary is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, providing for the borrowing of money from or lending of money to or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee, stockholder, member or partner, in each case in excess of \$120,000 other than for (i) payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company.

(s) Sarbanes-Oxley; Internal Accounting Controls. The Company and the Subsidiaries are in material compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002, as amended, that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the Commission thereunder that are effective as of the date hereof and as of the Closing Date. The Company and the Subsidiaries maintain a system of internal accounting controls designed to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company and the Subsidiaries have established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and the Subsidiaries and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the disclosure controls and procedures of the Company and the Subsidiaries as of the end of the period covered by the most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the internal control over financial reporting (as such term is defined in the Exchange Act) of the Company and its Subsidiaries that have materially affected, or is reasonably likely to materially affect, the internal control over financial reporting of the Company and its Subsidiaries.

(t) Certain Fees. Except for fees payable by the Company to the Placement Agent, no brokerage or finder's fees or commissions are or will be payable by the Company, any Subsidiary or Affiliate of the Company to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. To the Company's knowledge, there are no other arrangements, agreements or understandings of the Company or, to the Company's knowledge, any of its stockholders that may affect the Underwriters' compensation, as determined by FINRA. The Company has not made any direct or indirect payments (in cash, securities or otherwise) to: (i) any person, as a finder's fee, consulting fee or otherwise, in consideration of such person raising capital for the Company or introducing to the Company persons who raised or provided capital to the Company; or (ii) any party known to the Company to be a FINRA member, within the twelve months prior to the Execution Date, except in each case as set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus. None of the net proceeds of the offering will be paid by the Company to any participating FINRA member or its affiliates, except as specifically authorized herein. The Purchasers shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by the Transaction Documents.

(u) Investment Company. The Company is not, and immediately after receipt of payment for the Shares will not be, an "investment company" within the meaning of the Investment Company Act of 1940, as amended. The Company shall conduct its business in a manner so that it will not become an "investment company" subject to registration under the Investment Company Act of 1940, as amended.

(v) Registration Rights. Except as disclosed in the Registration Statement, the Preliminary Prospectus and the Prospectus, no Person has any right to cause the Company or any Subsidiary to effect the registration under the Securities Act of any securities of the Company or any Subsidiary.

(w) Listing and Maintenance Requirements. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. Except as disclosed in the Registration Statement, the Preliminary Prospectus and the Prospectus, the Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The CHES Depository Interests ("CDIs"), with each CDI representing 1/10th of a share of Common Stock, are duly listed, and admitted and authorized for trading on the ASX. To the Company's knowledge, it is in compliance with all listing requirements of the ASX for the continued listing of the CDIs on the ASX. The Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Stock is currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.

(x) Application of Takeover Protections. The Company and the Board of Directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company's certificate of incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the Purchasers as a result of the Purchasers and the Company fulfilling their obligations or exercising their rights under the Transaction Documents, including without limitation as a result of the Company's issuance of the Shares and the Purchasers' ownership of the Shares.

(y) Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor any other Person acting on its behalf has provided any of the Purchasers or their agents or counsel with any information that it believes constitutes or might constitute material, non-public information which is not otherwise disclosed in the Registration Statement and Preliminary Prospectus.

(z) No Integrated Offering. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, neither the Company, nor any of its Affiliates, nor any Person acting on its or their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause this offering of the Shares to be integrated with prior offerings by the Company for purposes of any applicable shareholder approval provisions of any Trading Market on which any of the securities of the Company are listed or designated.

(aa) Solvency. After giving effect to the sale of the Shares pursuant to this Agreement, the Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from the Closing Date. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

(bb) Stock Option Plans. Each stock option granted by the Company under the Company's stock option plan was granted (i) in accordance with the terms of the Company's stock option plan and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock option would be considered granted under GAAP and applicable law. No stock option granted under the Company's stock option plan has been backdated. The Company has not knowingly granted, and there is no and has been no Company policy or practice to knowingly grant, stock options prior to, or otherwise knowingly coordinate the grant of stock options with, the release or other public announcement of material information regarding the Company or its Subsidiaries or their financial results or prospects.

(cc) Tax Status. Except for matters that would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect, the Company and its Subsidiaries each (i) has made or filed all United States federal, state and local income and all foreign income and franchise tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations and (iii) has set aside on its books provision reasonably adequate for the payment of all material taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company or of any Subsidiary know of no basis for any such claim.

(dd) Foreign Corrupt Practices. Neither the Company nor any Subsidiary, nor to the knowledge of the Company or any Subsidiary, any agent or other person acting on behalf of the Company or any Subsidiary, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company or any Subsidiary (or made by any person acting on its behalf of which the Company is aware) which is in violation of law, or (iv) violated in any material respect any provision of FCPA. The Company has taken reasonable steps to ensure that its accounting controls and procedures are sufficient to cause the Company to comply in all material respects with the FCPA.

(ee) Accountants. To the knowledge and belief of the Company, the Company Auditor (i) is an independent registered public accounting firm as required by the Exchange Act and (ii) shall express its opinion with respect to the financial statements to be included in the Company's Annual Report for the fiscal year ending June 30, 2026. The Company Auditor has not, during the periods covered by the financial statements included or incorporated by reference in the Registration Statement and the Prospectus, provided to the Company any non-audit services, as such term is used in Section 10A(g) of the Exchange Act.

(ff) Acknowledgment Regarding Purchasers' Purchase of Shares. The Company acknowledges and agrees that each of the Purchasers is acting solely in the capacity of an arm's length purchaser with respect to the Transaction Documents and the transactions contemplated thereby. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated thereby and any advice given by any Purchaser or any of their respective representatives or agents in connection with the Transaction Documents and the transactions contemplated thereby is merely incidental to the Purchasers' purchase of the Shares. The Company further represents to each Purchaser that the Company's decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.

(gg) Acknowledgment Regarding Purchaser's Trading Activity. Anything in this Agreement or elsewhere herein to the contrary notwithstanding (except for Sections 3.2(f) and 4.12 hereof), it is understood and acknowledged by the Company that: (i) none of the Purchasers has been asked by the Company to agree, nor has any Purchaser agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or "derivative" securities based on securities issued by the Company or to hold the Shares for any specified term; (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or "derivative" transactions, before or after the closing of this or future private placement transactions, may negatively impact the market price of the Company's publicly-traded securities; (iii) any Purchaser, and counter-parties in "derivative" transactions to which any such Purchaser is a party, directly or indirectly, presently may have a "short" position in the Common Stock, and (iv) each Purchaser shall not be deemed to have any affiliation with or control over any arm's length counter-party in any "derivative" transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Shares are outstanding, and (z) such hedging activities (if any) could reduce the value of the existing stockholders' equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that such aforementioned hedging activities do not constitute a breach of any of the Transaction Documents.

(hh) Regulation M Compliance. The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Shares, (ii) sold, bid for, purchased, or, paid any compensation for soliciting purchases of, any of the Shares, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to the Placement Agent in connection with the placement of the Shares.

(ii) Office of Foreign Assets Control. Neither the Company nor any Subsidiary nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any Subsidiary is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department.

(jj) U.S. Real Property Holding Corporation. The Company is not and has never been a U.S. real property holding corporation within the meaning of Section 897 of the Internal Revenue Code of 1986, as amended.

(kk) Bank Holding Company Act. Neither the Company nor any of its Subsidiaries or Affiliates is subject to the Bank Holding Company Act of 1956, as amended (the "BHCA") and to regulation by the Board of Governors of the Federal Reserve System (the "Federal Reserve"). Neither the Company nor any of its Subsidiaries or Affiliates owns or controls, directly or indirectly, five percent (5%) or more of the outstanding shares of any class of voting securities or twenty-five percent (25%) or more of the total equity of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve. Neither the Company nor any of its Subsidiaries or Affiliates exercises a controlling influence over the management or policies of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve.

(ll) Money Laundering. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance in all material respects with applicable financial record-keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, applicable money laundering statutes and applicable rules and regulations thereunder (collectively, the “Money Laundering Laws”), and no Action or Proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any Subsidiary with respect to the Money Laundering Laws is pending or, to the knowledge of the Company or any Subsidiary, threatened.

(mm) D&O Questionnaires. To the Company’s knowledge, all information contained in the questionnaires completed by each of the Company’s directors and officers immediately prior to the offering and in the Lock-Up Agreement provided to the Underwriters is true and correct in all material respects and the Company has not become aware of any information which would cause the information disclosed in such questionnaires to become inaccurate and incorrect in any material respect.

(nn) FINRA Affiliation. No officer, director or any beneficial owner of 10% or more of the Company’s unregistered securities has any direct or indirect affiliation or association with any FINRA member (as determined in accordance with the rules and regulations of FINRA) that is participating in the offering. The Company will advise the Placement Agent and EGS if it learns that any officer, director or owner of 10% or more of the Company’s outstanding shares of Common Stock or Common Stock Equivalents is or becomes an affiliate or associated person of a FINRA member firm.

(oo) Board of Directors. The qualifications of the persons serving as board members and the overall composition of the Board of Directors comply with the Sarbanes-Oxley Act of 2002 and the rules promulgated thereunder applicable to the Company and the rules of the Trading Market. At least one member of the Board of Directors qualifies as a “financial expert” as such term is defined under the Sarbanes-Oxley Act of 2002 and the rules promulgated thereunder and the rules of the Trading Market. In addition, at least a majority of the persons serving on the Board of Directors qualify as “independent” as defined under the rules of the Trading Market.

(pp) Cybersecurity. (i)(x) There has been no security breach or other compromise of or relating to any of the Company’s or any Subsidiary’s information technology and computer systems, networks, hardware, software, data (including the data of its respective customers, employees, suppliers, vendors and any third party data maintained by or on behalf of it), equipment or technology (collectively, “IT Systems and Data”) and (y) the Company and the Subsidiaries have not been notified of, and has no knowledge of any event or condition that would reasonably be expected to result in, any security breach or other compromise to its IT Systems and Data; (ii) the Company and the Subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Data and to the protection of such IT Systems and Data from unauthorized use, access, misappropriation or modification, except as would not,

individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; (iii) the Company and the Subsidiaries have implemented and maintained commercially reasonable safeguards to maintain and protect its material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and Data; and (iv) the Company and the Subsidiaries have implemented backup and disaster recovery technology consistent with industry standards and practices.

(qq) Environmental Laws. The Company and its Subsidiaries (i) are in compliance with all applicable federal, state, local and foreign laws relating to pollution or protection of human health or the environment (including ambient air, surface water, groundwater, land surface or subsurface strata), including laws relating to emissions, discharges, releases or threatened releases of chemicals, pollutants, contaminants, or toxic or hazardous substances or wastes (collectively, "Hazardous Materials") into the environment, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials, as well as all authorizations, codes, decrees, demands, or demand letters, injunctions, judgments, licenses, notices or notice letters, orders, permits, plans or regulations, issued, entered, promulgated or approved thereunder ("Environmental Laws"); (ii) have received all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses as described in the SEC Reports; and (iii) are in compliance with all terms and conditions of any such permit, license or approval where in each clause (i), (ii) and (iii), the failure to so comply or failure to receive required permits, licenses or approvals, would reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

(rr) Mining.

(i) The mineral projects set out in the Registration Statement, the Preliminary Prospectus and the Prospectus are the only mineral projects (the "Material Properties") which the Company currently considers to be "material" and the Company is the absolute legal and beneficial owner of, and has good and marketable title to each of the Material Properties, each as described in the Registration Statement, the Preliminary Prospectus and the Prospectus. Except as disclosed in the Registration Statement, the Preliminary Prospectus and the Prospectus, such interests are free of all mortgages, liens, charges, pledges, security interests, encumbrances, claims or demands whatsoever and the Company nor the Subsidiaries have received any notice of, nor does the Company otherwise have any knowledge of, any claim that would reasonably be expected to materially and adversely affect the right thereof to use, transfer or otherwise exploit such rights.

(ii) any and all of the agreements and other documents and instruments pursuant to which the Company and the Subsidiaries hold the Material Properties and other assets (including any option agreement or any interest in, or right to earn an interest in, any properties and assets) are valid and subsisting agreements, documents or instruments in full force and effect, enforceable in accordance with the terms thereof, the Company and the Subsidiaries are not in default of any of the material provisions of any such agreements, documents or instruments, nor has any such default been alleged. Neither the Material Properties or assets (nor any option agreement or any interest in, or right to earn an interest in, any properties or assets) of the Company or the Subsidiaries are subject to any right of first refusal or purchase or acquisition rights of a third party.

(iii) all interests in material mining claims, concessions, exploitation or extraction rights or similar rights comprising the Material Properties (“Mining Claims”) that are held by the Company or any of its Subsidiaries are in good standing, are valid and enforceable, are free and clear of any material Liens, and no material royalty is payable in respect of any of them, no other material property rights are necessary for the conduct of the Company’s business as described therein, and there are no material restrictions on the ability of the Company and its Subsidiaries to use, transfer or otherwise exploit any such property rights except as required by applicable law; the Mining Claims held by the Company or its Subsidiaries cover the properties required by the Company for the purposes described therein;

(iv) (i) the Company and its Subsidiaries (x) are, and, to the Company’s knowledge, at all prior times were, in material compliance with any and all applicable laws, rules, statutes and regulations relating to exploration, mining and related activities (collectively, “Mining Laws”), (y) have received and are in material compliance with all permits under applicable Mining Laws to conduct their respective businesses as described in the SEC Reports, and (z) have not received notice of any actual or potential material liability under or relating to any Mining Laws and have no knowledge of any event or condition that would reasonably be expected to result in such notice, and (ii) there are no costs or liabilities associated with Mining Laws of or relating to the Company or its Subsidiaries, except in the case of each of (i) and (ii) above, for any such failure to comply, or failure to receive required permits, licenses or approvals, or cost or liability, as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and (iii) (x) there are no proceedings, including, but not limited to orders, rights, directives, units or judgments that are pending, or that are known to be contemplated, against the Company or any of its Subsidiaries under any Mining Laws in which a governmental entity is also a party, except as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect, and (y) the Company and its Subsidiaries are not aware of any non-compliance or potential non-compliance with Mining Laws, or liabilities or other obligations under Mining Laws, that would reasonably be expected to have a Material Adverse Effect;

(v) to the extent applicable, with respect to the information set forth or incorporated in the Registration Statement, the Preliminary Prospectus and the Prospectus, information relating to the Company’s estimates of mineral resources or mineral reserves has been reviewed and verified by the Company or one or more consultants to the Company as being consistent with the Company’s mineral reserve and mineral resource estimates and as true, complete and accurate as of the date such estimates were prepared, and, to the best of the Company’s knowledge, remain true, complete and accurate in all material respects as of the date hereof. To the extent applicable, the Company believes that all of the assumptions underlying such mineral reserve and mineral resource estimates were reasonable and appropriate at the time they were made;

(vi) except as disclosed in the Registration Statement, the Preliminary Prospectus and the Prospectus, to the knowledge of the Company, no dispute between the Company and any local, native or indigenous group exists or is threatened or imminent with respect to any of the Company's properties (including, without limitation, the Material Properties) or exploration activities that would reasonably be expected to have a Material Adverse Effect. The Company is not aware of any material land entitlement claims or aboriginal land claims having been asserted or any legal actions relating to aboriginal or community issues having been instituted with respect to its properties (including, without limitation, the Material Properties);

(vii) to the knowledge of the Company, there are no material complaints, issues, proceedings, inquiries, protests, blockades or initiatives by non-governmental organizations, activist groups or similar entities or persons, which are ongoing or anticipated which would reasonably be expected to have the effect of interfering, delaying or impairing the ability to explore, develop or operate the Material Properties in a manner that would have a material impact on the Company; and

(viii) to the knowledge of the Company, there are no actions, proceedings, inquiries, work or labor disruption, protests, blockades or initiatives by non-governmental organizations, activist groups or similar entities or persons, that are ongoing or anticipated which would reasonably be expected to materially and adversely affect the ability to explore or develop the operations underlying the Material Properties in a manner that would have a material impact on the Company.

3.2 Representations and Warranties of the Purchasers. Each Purchaser, for itself and for no other Purchaser, hereby represents and warrants as of the date hereof and as of the Closing Date to the Company as follows (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Organization; Authority. Such Purchaser is either an individual or an entity duly incorporated or formed, validly existing and in good standing under the laws of the jurisdiction of its incorporation or formation with full right, corporate, partnership limited liability company or similar power and authority to enter into and to consummate the transactions contemplated by the Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of the Transaction Documents and performance by such Purchaser of the transactions contemplated by the Transaction Documents have been duly authorized by all necessary corporate, partnership, limited liability company or similar action, as applicable, on the part of such Purchaser. Each Transaction Document to which it is a party has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except: (i) as limited by general equitable principles and applicable

bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(b) Understandings or Arrangements. Such Purchaser is acquiring the Shares as principal for its own account and has no direct or indirect arrangement or understandings with any other persons to distribute or regarding the distribution of such Shares (this representation and warranty not limiting such Purchaser's right to sell the Shares pursuant to the Registration Statement or otherwise in compliance with applicable federal and state securities laws).

(c) [Reserved]

(d) Experience of Such Purchaser. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Shares, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Shares and, at the present time, is able to afford a complete loss of such investment.

(e) Access to Information. Such Purchaser acknowledges that it has had the opportunity to review the Transaction Documents (including all exhibits and schedules thereto) and the Registration Statement and Preliminary Prospectus. Such Purchaser acknowledges and agrees that neither the Placement Agent nor any Affiliate of the Placement Agent has provided such Purchaser with any information or advice with respect to the Shares nor is such information or advice necessary or desired. Neither the Placement Agent nor any Affiliate has made or makes any representation as to the Company or the quality of the Shares and the Placement Agent and any Affiliate may have acquired non-public information with respect to the Company which such Purchaser agrees need not be provided to it. In connection with the issuance of the Shares to such Purchaser, neither the Placement Agent nor any of its Affiliates has acted as a financial advisor or fiduciary to such Purchaser.

(f) Certain Transactions and Confidentiality. Other than consummating the transactions contemplated hereunder, such Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with such Purchaser, directly or indirectly executed any purchases or sales, including Short Sales, of the securities of the Company during the period commencing as of the time that such Purchaser first received a term sheet (written or oral) from the Company or any other Person representing the Company setting forth the material pricing terms of the transactions contemplated hereunder and ending immediately prior to the execution hereof. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the representation set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the

investment decision to purchase the Shares covered by this Agreement. Other than to other Persons party to this Agreement or to such Purchaser's representatives, including, without limitation, its officers, directors, partners, legal and other advisors, employees, agents and Affiliates, such Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Notwithstanding the foregoing, for the avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to locating or borrowing shares in order to effect Short Sales or similar transactions in the future.

The Company acknowledges and agrees that the representations contained in this Section 3.2 shall not modify, amend or affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement or any representations and warranties contained in any other Transaction Document or any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transactions contemplated hereby. Notwithstanding the foregoing, for the avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to locating or borrowing shares in order to effect Short Sales or similar transactions in the future.

ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

4.1 Furnishing of Information. Until the time that no Purchaser owns Shares, the Company covenants to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act even if the Company is not then subject to the reporting requirements of the Exchange Act, except in the event that the Company consummates (in each case on or after the date as of which the Purchasers may sell all of their Shares without restriction or limitation pursuant to Rule 144): (a) any transaction or series of related transactions as a result of which any Person (together with its Affiliates) acquires then outstanding securities of the Company representing more than fifty percent (50%) of the voting control of the Company; (b) a merger or reorganization of the Company with one or more other entities in which the Company is not the surviving entity; or (c) a sale of all or substantially all of the assets of the Company, where the consummation of such transaction results in the Company no longer being subject to the reporting requirements of the Exchange Act.

4.2 Integration. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Shares for purposes of the rules and regulations of any Trading Market such that it would require shareholder approval prior to the closing of such other transaction unless shareholder approval is obtained before the closing of such subsequent transaction.

4.3 Securities Laws Disclosure; Publicity. The Company shall (a) by the Disclosure Time, issue a press release disclosing the material terms of the transactions contemplated hereby, and (b) file a Current Report on Form 8-K, including the Transaction Documents as exhibits thereto, with the Commission within the time required by the Exchange Act. From and after the issuance of such press release, the Company represents to the Purchasers that it shall have publicly disclosed all material, non-public information delivered to any of the Purchasers by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agents, including, without limitation, the Placement Agent, in connection with the transactions contemplated by the Transaction Documents. In addition, effective upon the issuance of such press release, the Company acknowledges and agrees that any and all confidentiality or similar obligations under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, employees, Affiliates or agents, including without limitation, the Placement Agent, on the one hand, and any of the Purchasers or any of their Affiliates on the other hand, shall terminate and be of no further force or effect. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. The Company and each Purchaser shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor any Purchaser shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of any Purchaser, or without the prior consent of each Purchaser, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, the Company shall not publicly disclose the name of any Purchaser, or include the name of any Purchaser in any filing with the Commission or any regulatory agency or Trading Market, without the prior written consent of such Purchaser, except (a) as required by federal securities law in connection with the filing of final Transaction Documents with the Commission and (b) to the extent such disclosure is required by law or Trading Market regulations, in which case the Company shall provide the Purchasers with prior notice of such disclosure permitted under this clause (b) and reasonably cooperate with such Purchaser regarding such disclosure.

4.4 Shareholder Rights Plan. No claim will be made or enforced by the Company or, with the consent of the Company, any other Person, that any Purchaser is an “Acquiring Person” under any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or similar anti-takeover plan or arrangement in effect or hereafter adopted by the Company, or that any Purchaser could be deemed to trigger the provisions of any such plan or arrangement, by virtue of receiving Shares under the Transaction Documents or under any other agreement between the Company and the Purchasers.

4.5 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, which shall be disclosed pursuant to Section 4.3, the Company covenants and agrees that neither it, nor any other Person acting on its behalf will provide any Purchaser or its agents or counsel with any information that constitutes, or the Company reasonably believes constitutes, material non-public information, unless prior thereto such Purchaser shall have consented in writing to the receipt of such information and agreed in writing with the Company to keep such information confidential. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. To the extent that the Company, any of its Subsidiaries, or any of their respective officers, directors, employees or Affiliates delivers any material, non-public information to a Purchaser without such Purchaser’s consent,

the Company hereby covenants and agrees that such Purchaser shall not have any duty of confidentiality to the Company, any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agents, including, without limitation, the Placement Agent, or a duty to the Company, any of its Subsidiaries or any of their respective officers, directors, employees, Affiliates or agents including, without limitation, the Placement Agent, not to trade on the basis of, such material, non-public information, provided that the Purchaser shall remain subject to applicable law. To the extent that any notice provided pursuant to any Transaction Document constitutes, or contains, material, non-public information regarding the Company or any Subsidiaries, the Company shall simultaneously with the delivery of such notice file such notice with the Commission pursuant to a Current Report on Form 8-K. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company.

4.6 Use of Proceeds. Except as set forth in the Registration Statement, the Preliminary Prospectus and the Prospectus, the Company shall use the net proceeds from the sale of the Shares hereunder for working capital purposes and shall not use such proceeds: (a) for the satisfaction of any portion of the Company's debt (other than payment of trade payables in the ordinary course of the Company's business), (b) for the redemption of any Common Stock or Common Stock Equivalents, (c) for the settlement of any outstanding litigation or (d) in violation of FCPA or OFAC regulations.

4.7 Indemnification of Purchasers. Subject to the provisions of this Section 4.7, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a "Purchaser Party") harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys' fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other Transaction Documents or (b) any action instituted against the Purchaser Parties in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser Party, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is solely based upon a material breach of such Purchaser Party's representations, warranties or covenants under the Transaction Documents or any agreements or understandings such Purchaser Party may have with any such stockholder or any violations by such Purchaser Party of state or federal securities laws or any conduct by such Purchaser Party which is finally judicially determined to constitute fraud, gross negligence or willful misconduct. If any action shall be brought against any Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and, the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to the Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action

and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of counsel a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be responsible for the reasonable fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company's prior written consent, which shall not be unreasonably withheld or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party's breach of any of the representations made by a Purchaser Party in this Agreement or the other Transaction Documents. The indemnification required by this Section 4.7 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or are incurred. The indemnity agreements contained herein shall be in addition to any cause of action or similar right of any Purchaser Party against the Company or others and any liabilities the Company may be subject to pursuant to law.

4.8 Listing of Common Stock. The Company hereby agrees to use best efforts to maintain the listing or quotation of the Common Stock on the Trading Market on which it is currently listed, and concurrently with the Closing, the Company shall apply to list or quote all of the Shares on such Trading Market and promptly secure the listing of all of the Shares on such Trading Market. The Company further agrees, if the Company applies to have the Common Stock traded on any other Trading Market, it will then include in such application all of the Shares, and will take such other action as is necessary to cause all of the Shares to be listed or quoted on such other Trading Market as promptly as possible. The Company will then take all action reasonably necessary to continue the listing and trading of its Common Stock on a Trading Market and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Trading Market. The Company agrees to maintain the eligibility of the Common Stock for electronic transfer through the Depository Trust Company or another established clearing corporation, including, without limitation, by timely payment of fees to the Depository Trust Company or such other established clearing corporation in connection with such electronic transfer. The Company agrees to use commercially reasonable efforts to promptly provide such information and documentation as the Company may reasonably request to comply with any applicable listing and reporting rules of the ASX.

4.9 Subsequent Equity Sales.

(a) From the date hereof until ninety (90) days after the Closing Date, neither the Company nor any Subsidiary shall (i) issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or Common Stock Equivalents or (ii) file any registration statement or amendment or supplement thereto, other than the Prospectus or filing a registration statement on Form S-8 in connection with any employee benefit plan.

(b) Notwithstanding the foregoing, this Section 4.9 shall not apply in respect of an Exempt Issuance.

4.10 Equal Treatment of Purchasers. No consideration (including any modification of any Transaction Document) shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of the Transaction Documents unless the same consideration is also offered to all of the parties to such Transaction Document. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser, and is intended for the Company to treat the Purchasers as a class and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of Shares or otherwise.

4.11 Certain Transactions and Confidentiality. Each Purchaser, severally and not jointly with the other Purchasers, covenants that neither it nor any Affiliate acting on its behalf or pursuant to any understanding with it will execute any purchases or sales, including Short Sales of any of the Company's securities during the period commencing with the execution of this Agreement and ending at such time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.3. Each Purchaser, severally and not jointly with the other Purchasers, covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company pursuant to the initial press release as described in Section 4.3, such Purchaser will maintain the confidentiality of the existence and terms of this transaction (other than as disclosed to its legal and other representatives). Notwithstanding the foregoing, and notwithstanding anything contained in this Agreement to the contrary, the Company expressly acknowledges and agrees that (i) no Purchaser makes any representation, warranty or covenant hereby that it will not engage in effecting transactions in any securities of the Company after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.3, (ii) no Purchaser shall be restricted or prohibited from effecting any transactions in any securities of the Company in accordance with applicable securities laws from and after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.3 and (iii) no Purchaser shall have any duty of confidentiality or duty not to trade in the securities of the Company to the Company, any of its Subsidiaries, or any of their respective officers, directors, employees, Affiliates or agent, including without limitation, the Placement Agent, after the issuance of the initial press release as described in Section 4.3. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the covenant set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Shares covered by this Agreement.

4.12 Capital Changes. Until the one year anniversary of the Closing Date, the Company shall not undertake a reverse or forward stock split or reclassification of the Common Stock without the prior written consent of the Purchasers holding a majority in interest of the Shares other than a reverse stock split that is required, in the good faith determination of the Board of Directors, to maintain the listing of the Common Stock on the Trading Market.

4.13 Lock-Up Agreements. The Company shall not amend, modify, waive or terminate any provision of any of the Lock-Up Agreements except to extend the term of the lock-up period and shall enforce the provisions of each Lock-Up Agreement in accordance with its terms. If any party to a Lock-Up Agreement breaches any provision of a Lock-Up Agreement, the Company shall promptly use its commercially reasonable efforts to seek specific performance of the terms of such Lock-Up Agreement.

ARTICLE V.

MISCELLANEOUS

5.1 Termination. This Agreement may be terminated by any Purchaser, as to such Purchaser's obligations hereunder only and without any effect whatsoever on the obligations between the Company and the other Purchasers, by written notice to the other parties, if the Closing has not been consummated on or before the fifth (5th) Trading Day following the date hereof; provided, however, that no such termination will affect the right of any party to sue for any breach by any other party (or parties).

5.2 Fees and Expenses. Except as expressly set forth in the Transaction Documents to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees (including, without limitation, any fees required for same-day processing of any instruction letter delivered by the Company), stamp taxes and other taxes and duties levied in connection with the delivery of any Shares to the Purchasers.

5.3 Entire Agreement. The Transaction Documents, together with the exhibits and schedules thereto, the Preliminary Prospectus and the Prospectus, contain the entire understanding of the parties with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, oral or written, with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules.

5.4 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of: (a) the time of transmission, if such notice or communication is delivered via e-mail attachment at the email address set forth on the signature pages attached hereto at or prior to 5:30 p.m. (New York City time) on a Trading Day, (b) the next Trading Day after the time of transmission, if such notice or communication is delivered via e-mail attachment at the e-mail address as set forth on the signature pages attached hereto on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (c) the second (2nd) Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages attached hereto.

5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and Purchasers which purchased at least 50.1% in interest of the Shares based on the initial Subscription Amounts hereunder (or, prior to the Closing, the Company and each Purchaser) or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought, provided that if any amendment,

modification or waiver disproportionately and adversely impacts a Purchaser (or multiple Purchasers), the consent of such disproportionately impacted Purchaser (or at least 50.1% in interest of such multiple Purchasers) shall also be required. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right. Any proposed amendment or waiver that disproportionately, materially and adversely affects the rights and obligations of any Purchaser relative to the comparable rights and obligations of the other Purchasers shall require the prior written consent of such adversely affected Purchaser. Any amendment effected in accordance with this Section 5.5 shall be binding upon each Purchaser and holder of Shares and the Company.

5.6 Headings. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

5.7 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and permitted assigns. The Company may not assign this Agreement or any rights or obligations hereunder without the prior written consent of each Purchaser (other than by merger). Any Purchaser may assign any or all of its rights under this Agreement to any Person to whom such Purchaser assigns or transfers any Shares, provided that such transferee agrees in writing to be bound, with respect to the transferred Shares, by the provisions of the Transaction Documents that apply to the "Purchasers."

5.8 No Third-Party Beneficiaries. The Placement Agent shall be the third party beneficiary of the representations, warranties, and covenants of the Company in this Agreement and the representations, warranties, and covenants of the Purchasers in this Agreement. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.7 and this Section 5.8.

5.9 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective Affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any Action or Proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such Action or Proceeding is improper or is an inconvenient venue for such Proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such Action or

Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If any party shall commence an Action or Proceeding to enforce any provisions of the Transaction Documents, then, in addition to the obligations of the Company under Section 4.7, the prevailing party in such Action or Proceeding shall be reimbursed by the non-prevailing party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such Action or Proceeding.

5.10 Survival. The representations and warranties contained herein shall survive the Closing and the delivery of the Shares.

5.11 Execution. This Agreement may be executed in two or more counterparts, each of which shall be an original and all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to each other party, it being understood that the parties need not sign the same counterpart. Counterparts may be delivered via facsimile, electronic mail (including any electronic signature covered by the U.S. federal ESIGN Act of 2000, Uniform Electronic Transactions Act, the Electronic Signatures and Records Act or other applicable law, e.g., www.docuSign.com) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

5.12 Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

5.13 Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) any of the other Transaction Documents, whenever any Purchaser exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Purchaser may rescind or withdraw, in its sole discretion from time to time upon written notice to the Company, any relevant notice, demand or election in whole or in part without prejudice to its future actions and rights.

5.14 Replacement of Shares. If any certificate or instrument evidencing any Shares is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation thereof (in the case of mutilation), or in lieu of and substitution therefor, a new certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction. The applicant for a new certificate or instrument under such circumstances shall also pay any reasonable third-party costs (including customary indemnity) associated with the issuance of such replacement Shares.

5.15 Remedies. In addition to being entitled to exercise all rights provided herein or granted by law, including recovery of damages, each of the Purchasers and the Company will be entitled to specific performance under the Transaction Documents. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations contained in the Transaction Documents and hereby agree to waive and not to assert in any Action for specific performance of any such obligation the defense that a remedy at law would be adequate.

5.16 Payment Set Aside. To the extent that the Company makes a payment or payments to any Purchaser pursuant to any Transaction Document or a Purchaser enforces or exercises its rights thereunder, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof are subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, disgorged by or are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver or any other Person under any law (including, without limitation, any bankruptcy law, state or federal law, common law or equitable cause of action), then to the extent of any such restoration the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such enforcement or setoff had not occurred.

5.17 Independent Nature of Purchasers' Obligations and Rights. The obligations of each Purchaser under any Transaction Document are several and not joint with the obligations of any other Purchaser, and no Purchaser shall be responsible in any way for the performance or non-performance of the obligations of any other Purchaser under any Transaction Document. Nothing contained herein or in any other Transaction Document, and no action taken by any Purchaser pursuant hereto or thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any Proceeding for such purpose. Each Purchaser has been represented by its own separate legal counsel in its review and negotiation of the Transaction Documents. For reasons of administrative convenience only, each Purchaser and its respective counsel have chosen to communicate with the Company through EGS. EGS does not represent any of the Purchasers and only represents the Placement Agent. The Company has elected to provide all Purchasers with the same terms and Transaction Documents for the convenience of the Company and not because it was required or requested to do so by any of the Purchasers. It is expressly understood and agreed that each provision contained in this Agreement and in each other Transaction Document is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

5.18 Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken or such right may be exercised on the next succeeding Business Day.

5.19 Construction. The parties agree that each of them and/or their respective counsel have reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents or any amendments thereto. In addition, each and every reference to share prices and shares of Common Stock in any Transaction Document shall be subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.

5.20 WAIVER OF JURY TRIAL. IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY, THE PARTIES EACH KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVE FOREVER ANY RIGHT TO TRIAL BY JURY.

(Signature Pages Follow)

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

5E ADVANCED MATERIALS, INC.

By: _____
Name
Title:

Address for Notice:

5E Advanced Materials, Inc.
9329 Mariposa Road, Suite 210
Hesperia, CA 92344
Attention: Paul Weibel
E-Mail:

With a copy to (which shall not constitute notice):

Latham & Watkins LLP
650 Town Center Drive, 20th Floor
Costa Mesa, CA 92626-1925
Attention: Drew Capurro
E-Mail:

[Remainder of Page Intentionally Left Blank
Signature Page for Purchaser Follows]

[Company Signature Page to Securities Purchase Agreement]

IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Name of Purchaser: _____

Signature of Authorized Signatory of Purchaser: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Email Address of Authorized Signatory: _____

Address for Notice to Purchaser: _____

Address for Delivery of Shares to Purchaser (if not same as address for notice):

Subscription Amount: \$ _____

Shares: _____

EIN Number: _____

- Notwithstanding anything contained in this Agreement to the contrary, by checking this box (i) the obligations of the above-signed to purchase the securities set forth in this Agreement to be purchased from the Company by the above-signed, and the obligations of the Company to sell such securities to the above-signed, shall be unconditional and all conditions to Closing shall be disregarded, and (ii) any condition to Closing contemplated by this Agreement (but prior to being disregarded by clause (i) above) that required delivery by the Company or the above-signed of any agreement, instrument, certificate or the like or purchase price (as applicable) shall no longer be a condition and shall instead be an unconditional obligation of the Company or the above-signed (as applicable) to deliver such agreement, instrument, certificate or the like or purchase price (as applicable) to such other party on the Closing Date.

[Signature Pages Continue]

[Purchaser Signature Page to Securities Purchase Agreement]

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-1 of 5E Advanced Materials, Inc. of our report dated September 29, 2025, relating to the financial statements, which appears in 5E Advanced Materials, Inc.'s Annual Report on Form 10-K for the year ended June 30, 2025. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

Denver, Colorado
January 27, 2026

CONSENT OF MIOCENE, INC.

To: U.S. Securities and Exchange Commission (“SEC”)
Board of Directors of 5E Advanced Materials, Inc.

Re: Registration Statement on Form S-1 of 5E Advanced Materials, Inc. (the “Company”) dated January 27, 2026 (the “Form S-1”)

Miocene, Inc. (“Miocene”), in connection with the Form S-1 consents to:

- (i) The filing and/or incorporation by reference by the Company and use of the Technical Report Summary titled “Preliminary Feasibility Study on 5E Advanced Materials Fort Cady Project” with a report date of August 7, 2025, and effective date of August 4, 2025 (the “Technical Report Summary”) that was prepared in accordance with Subpart 1300 of Regulation S-K promulgated by the SEC, filed (or incorporated by reference) as Exhibit 96.1 to the Company’s 2025 Annual Report on Form 10-K, dated September 29, 2025;
- (ii) The use of and references to our name, including our status as an expert or “qualified person” (as defined in Subpart 1300 of Regulation S-K promulgated by the SEC), in connection with the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1) and any such Technical Report Summary; and
- (iii) The use of any quotation from, or summarization of, the particular section or sections of the Technical Report Summary in the Form S-1, to the extent it was prepared by us, that we supervised its preparation of and/or that was reviewed and approved by us, that is included or incorporated by reference to the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1).

Miocene is responsible for, and this consent pertains to Sections 12, 13 and 18 (specifically Sections 18.1.5 through 18.1.8) of the Technical Report Summary.

Neither the whole nor any part of the Technical Report Summary nor any reference thereto may be included in any other filings with the SEC without the prior written consent of Miocene as to the form and context in which it appears.

Dated: January 27, 2026

By: /s/ Alan E. White
Name: Alan E. White, P.E.
Title: Principal Engineer and Chief Financial Officer,
Miocene, Inc.

CONSENT OF FLUOR ENTERPRISES, INC.

To: U.S. Securities and Exchange Commission (“SEC”)
Board of Directors of 5E Advanced Materials, Inc.

Re: Registration Statement on Form S-1 of 5E Advanced Materials, Inc. (the “Company”) dated January 27, 2026 (the “Form S-1”)

Fluor Enterprises, Inc. (“Fluor”), in connection with the Form S-1 consents to:

- (i) The filing and/or incorporation by reference by the Company and use of the Technical Report Summary titled “Preliminary Feasibility Study on 5E Advanced Materials Fort Cady Project” with a report date of August 7, 2025, and effective date of August 4, 2025 (the “Technical Report Summary”) that was prepared in accordance with Subpart 1300 of Regulation S-K promulgated by the SEC, filed (or incorporated by reference) as Exhibit 96.1 to the Company’s 2025 Annual Report on Form 10-K, dated September 29, 2025;
- (ii) The use of and references to our name, including our status as an expert or “qualified person” (as defined in Subpart 1300 of Regulation S-K promulgated by the SEC), in connection with the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1) and any such Technical Report Summary; and
- (iii) The use of any quotation from, or summarization of, the particular section or sections of the Technical Report Summary in the Form S-1, to the extent it was prepared by us, that we supervised its preparation of and/or that was reviewed and approved by us, that is included or incorporated by reference to the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1).

Fluor is responsible for, and this consent pertains to Sections 10, 14 and 18 (specifically Sections 18.1.1 through 18.1.4, 18.1.9, and 18.2) of the Technical Report Summary.

Neither the whole nor any part of the Technical Report Summary nor any reference thereto may be included in any other filings with the SEC without the prior written consent of Fluor as to the form and context in which it appears.

Dated: January 27, 2026

By: /s/ Kevin Martina
Name: Kevin Martina, P.Eng.
Title: Director, Process/Specialty Engineering,
Fluor Enterprises, Inc.

CONSENT OF GEOMEGA, INC.

To: U.S. Securities and Exchange Commission (“SEC”)
Board of Directors of 5E Advanced Materials, Inc.

Re: Registration Statement on Form S-1 of 5E Advanced Materials, Inc. (the “Company”) dated January 27, 2026 (the “Form S-1”)

Geomega, Inc. (“Geomega”), in connection with the Form S-1 consents to:

- (i) The filing and/or incorporation by reference by the Company and use of the Technical Report Summary titled “Preliminary Feasibility Study on 5E Advanced Materials Fort Cady Project” with a report date of August 7, 2025, and effective date of August 4, 2025 (the “Technical Report Summary”) that was prepared in accordance with Subpart 1300 of Regulation S-K promulgated by the SEC, filed (or incorporated by reference) as Exhibit 96.1 to the Company’s 2025 Annual Report on Form 10-K, dated September 29, 2025;
- (ii) The use of and references to our name, including our status as an expert or “qualified person” (as defined in Subpart 1300 of Regulation S-K promulgated by the SEC), in connection with the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1) and any such Technical Report Summary; and
- (iii) The use of any quotation from, or summarization of, the particular section or sections of the Technical Report Summary in the Form S-1, to the extent it was prepared by us, that we supervised its preparation of and/or that was reviewed and approved by us, that is included or incorporated by reference to the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1).

Geomega is responsible for, and this consent pertains to Section 7.3 of the Technical Report Summary.

Neither the whole nor any part of the Technical Report Summary nor any reference thereto may be included in any other filings with the SEC without the prior written consent of Geomega as to the form and context in which it appears.

Dated: January 27, 2026

By: /s/ Martin Roth
Name: Martin Roth, P.G.
Title: Senior Hydrogeologist, Geomega, Inc.

CONSENT OF ESCALANTE GEOLOGICAL SERVICES, LLC

To: U.S. Securities and Exchange Commission (“SEC”)
Board of Directors of 5E Advanced Materials, Inc.

Re: Registration Statement on Form S-1 of 5E Advanced Materials, Inc. (the “Company”) dated January 27, 2026 (the “Form S-1”)

Escalante Geological Services, LLC (“Escalante”), in connection with the Form S-1 consents to:

- (i) The filing and/or incorporation by reference by the Company and use of the Technical Report Summary titled “Preliminary Feasibility Study on 5E Advanced Materials Fort Cady Project” with a report date of August 7, 2025, and effective date of August 4, 2025 (the “Technical Report Summary”) that was prepared in accordance with Subpart 1300 of Regulation S-K promulgated by the SEC, filed (or incorporated by reference) as Exhibit 96.1 to the Company’s 2025 Annual Report on Form 10-K, dated September 29, 2025;
- (ii) The filing and/or incorporation by reference by the Company and use of the updated mineral resource estimate dated November 15, 2025 and related information prepared by Mr. Steven Kerr, P.G., C.P.G., of Escalante Geological Services, LLC with respect to the Technical Report Summary and included in the Company’s Current Report on Form 8-K, dated November 19, 2025 and any references thereto (the “Updated Mineral Resource Estimate”);
- (iii) The use of and references to our name, including our status as an expert or “qualified person” (as defined in Subpart 1300 of Regulation S-K promulgated by the SEC), in connection with the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1) and any such Technical Report Summary and Updated Mineral Resource Estimate; and
- (iv) The use of any quotation from, or summarization of, the particular section or sections of the Technical Report Summary and/or the Updated Mineral Resource Estimate in the Form S-1, to the extent it was prepared by us, that we supervised its preparation of and/or that was reviewed and approved by us, that is included or incorporated by reference to the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1).

Escalante is responsible for, and this consent pertains to Sections 2, 3, 4, 5, 6, 7 (except 7.3), 8, 9, 11, 15, 17, 20, 21 and 22 of the Technical Report Summary and the Updated Mineral Resource Estimate disclosed in the November 2025 8-K to the extent prepared by us, under our supervision, and/or reviewed and approved by us.

Neither the whole nor any part of the Technical Report Summary or Updated Mineral Resource Estimate nor any reference thereto may be included in any other filings with the SEC without the prior written consent of Escalante as to the form and context in which it appears.

Dated: January 27, 2026

By: /s/ Steven Kerr
Name: Steven Kerr, P.G., C.P.G.
Title: Principal,
Escalante Geological Services, LLC

CONSENT OF PAUL WEIBEL

In connection with the Registration Statement on Form S-1 (the "Form S-1") to be filed by 5E Advanced Materials, Inc. (the "Company") with the U.S. Securities and Exchange Commission ("SEC"), the undersigned hereby consents to:

- (i) The filing and/or incorporation by reference by the Company and use of the Technical Report Summary titled "Preliminary Feasibility Study on 5E Advanced Materials Fort Cady Project" with a report date of August 7, 2025, and effective date of August 4, 2025 (the "Technical Report Summary") that was prepared in accordance with Subpart 1300 of Regulation S-K promulgated by the SEC, filed (or incorporated by reference) as Exhibit 96.1 to the Company's 2025 Annual Report on Form 10-K, dated September 29, 2025;
- (ii) The use of and references to the undersigned's name as a "qualified person" (as defined in Subpart 1300 of Regulation S-K promulgated by the SEC), in connection with the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1) and any such Technical Report Summary; and
- (iii) The use of any quotation from, or summarization of, the particular section or sections of the Technical Report Summary in the Form S-1, to the extent it was prepared by the undersigned, that the undersigned supervised its preparation of and/or that was reviewed and approved by the undersigned, that is included or incorporated by reference to the Form S-1 (including any additional registration statement filed pursuant to Rule 462(b) relating to the Form S-1).

The undersigned is responsible for, and this consent pertains to Sections 1, 16, 19, 23, 24 and 25 of the Technical Report Summary.

Neither the whole nor any part of the Technical Report Summary nor any reference thereto may be included in any other filings with the SEC without the prior written consent of the undersigned as to the form and context in which it appears.

Date: January 27, 2026

By: /s/ Paul Weibel
Name: Paul Weibel, CPA
(License No. CA 056912)
Title: Chief Executive Officer, 5E Advanced Materials,
Inc.

