

Project Information

Project Title

Coosa Graphite Deposit

Sector

Mining

Project Location

Location Type: Coordinates

- **Latitude** *: 32.9132
Longitude *: -86.3904

Project Sponsor Contact Information

- **Company Name/Agency:** Westwater Resources, Inc.
Project Sponsor: Westwater Resources
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State: Colorado
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Alternative Point Of Contact (Optional)

No

Project Purpose

Westwater Resources' business strategy – to advance its battery-grade, natural graphite business – is being implemented through the vertical integration of two key elements: (1) continue to develop and operate our Kellyton Graphite Plant in Coosa County, Alabama, which will produce coated, spherical, purified, natural graphite (“CSPG”) for use as an active anode material in lithium-ion batteries that are used principally in electric vehicles; and (2) to develop, construct, and mine our Coosa Graphite Deposit in Coosa County, Alabama, containing over 1.8 million tons of indicated graphite resource, to produce the natural graphite flake that will be used as feedstock at the existing Kellyton Graphite Plant. The Kellyton Graphite Plant and the Coosa Graphite Deposit are located approximately 30 miles from each other in east-central Alabama. Although the Kellyton Graphite Plant is an existing facility and will not require any additional permitting actions or have any jurisdictional impacts, it is a critical part of Westwater's vertically integrated business plan and has already received a substantial portion of the overall investment.

This FAST-41 Initiation Notice addresses the Coosa Graphite Deposit as the proposed covered project. Westwater Resources seeks to acquire the necessary federal, state and local authorizations and permits needed to develop, construct and operate the Coosa Graphite Deposit before the end of 2027.

Project Description

The Coosa Graphite Deposit is located in east-central Alabama near Rockford at Latitude 32.9132 North and the longitude -86.3904 West. The currently analyzed mine plan encompasses approximately 1,600 acres, within a larger mineral estate of approximately 41,965 acres (more than 65 square miles).

Mining will occur within a defined project footprint that includes open pits, waste rock storage area and filtered dry tailings storage facilities, an on site concentrator plant, access roads, water management features, and supporting infrastructure.

The Coosa Graphite Deposit contains mineralized material that is projected to have an average grade of approximately 3.04% Cg. The Coosa Graphite Deposit will be developed as a conventional open pit mining operation consisting of multiple shallow pits, generally less than 100 feet deep. Mining will utilize standard drill and blast methods, excavators, and haul trucks.

Ore will be processed onsite at a concentrator plant designed to process approximately 3.2 million short tons per year of run of mine material, producing approximately 100,000 short tons

per year of graphite concentrate. Concentrate will be transported offsite for further processing.

The area surrounding and including the Coosa Graphite Deposit is forested with unpaved roads throughout and the current land use is silviculture and recreational hunting. The Coosa Graphite Deposit is located within the Mobile Bay watershed and the Coosa River water basin. Formal baseline environmental studies are ongoing and will be ready by the following dates:

- AHC Archeological field survey: April 15, 2026
- USF&W Threatened and Endangered Species Habitat assessment: May 15, 2026
- USACE Stream assessment and Wetland delineation: March 12, 2026

Based on the dates of completion of the baseline environmental studies and the stream assessment and wetland delineation, the USACE individual permit application will be submitted June 15, 2026.

Technical and Financial Ability

In December 2023, an Initial Assessment (IA) for the Coosa Graphite Deposit was completed in accordance with Item 1300 of Regulation S-K by SLR International Corp. The IA was completed as a Technical Report Summary (TRS) disclosing Mineral Resources, including an economic analysis, for the Coosa Graphite Project. The Mineral Resource estimate in the IA was based on 205 drill holes totaling 39,434 ft. Based on a 1.98% graphitic carbon (Cg) cut-off grade, Indicated Mineral Resources total 26.0 million short tons (Mst) at an average grade of 2.89% Cg for a total of 754,000 short tons (st) Cg. Inferred Mineral Resources are estimated as 97.0 Mst at an average grade of 3.08% Cg for a total of 3.0 Mst Cg. The IA estimates a life-of-mine capital cost of approximately \$293 million, with additional end-of-mine reclamation and closure costs of approximately \$43 million, and a pre-tax net present value of approximately \$229 million and an estimated pre-tax IRR of 26.7%.

Westwater Resources has invested approximately \$15 million in the Coosa Graphite Deposit to date and intends to pursue project financing, including potential off-take arrangements and other financing alternatives, in support of development of the Project as part of its vertically integrated graphite business strategy.

Westwater Resources has demonstrated its ability to raise and deploy capital through the advancement of its battery-grade, natural graphite business in Alabama. The Company has funded and completed the IA for the Coosa Graphite Deposit and has invested approximately

\$15 million in advancing the Project to date. In parallel, Westwater has raised and deployed significant capital to construct Phase I of its Kellyton Graphite Plant, demonstrating access to capital markets and the ability to execute large-scale industrial projects. The integration of upstream mining and downstream processing provides multiple financing pathways, including project-level financing supported by long-term commercial arrangements. Based on its track record, Westwater believes it has the capability to pursue and secure the financing required to develop the Coosa Graphite Deposit.

Westwater's management team possesses a broad base of mining and processing expertise related to graphite, as well as base and precious metals. In addition, Westwater's management team possesses a unique combination of battery-materials knowledge and extensive project-execution experience, coupled with decades of capital markets expertise. For more detailed descriptions of specific members of the management team, please review the "Leadership Team" page of the Westwater Resources website at www.westwaterresources.net.

Summary of Financing, Reviews and Authorizations

Westwater Resources anticipates that the U.S. Environmental Protection Agency, and the Army Corps of Engineers will be key federal agencies involved in permitting the Coosa Graphite Deposit, including authorization under Section 404 of the Clean Water Act. The Project is expected to be subject to review under the National Environmental Policy Act (NEPA) following submission of a permit application and completion of baseline environmental studies.

Westwater Resources also anticipates the need for a mining permit from the Alabama Department of Labor under the Alabama Surface mining Act of 1969, air and water permits from the Alabama Department of Environmental Management (ADEM), and approvals to withdraw surface and groundwater from the Office of Water Resources in the Alabama Department of Economic and Community Affairs. In doing so, these state agencies will apply the Alabama Water Resources Act and the Alabama Water Use Reporting Program, and perhaps other state statutes and regulations. The NPDES permit application was filed with ADEM on the 26th of February 2026.

Project Assessment

This FAST-41 Initiation Notice addresses the Coosa Graphite Deposit as the proposed covered project. The Coosa Graphite Deposit is expected to be subject to NEPA, and independently exceeds the FAST-41 investment threshold, with estimated life-of-mine capital costs of

approximately \$293 million and additional reclamation and closure costs of approximately \$43 million, which satisfies the definition of a covered project under 42 U.S.C. § 4370m(6)(A)(i) as well as 42 U.S.C. § 4370m(6)(A)(iv).

While the existing Kellyton Graphite Plant is a separate facility, the two projects are vertically integrated components of Westwater Resources' battery-grade, natural graphite supply chain.

Form Submitter Contact Information

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Accept Agreement

Yes