

AMERICAN RARE EARTH

American Rare Earth owns and is developing a highly scalable platform of critical and rare earth deposits throughout the eastern United States. Our deposits are unique given they have minimal thorium, possess heavy rare earths and are environmental positive.

COMPANY SNAPSHOT

- Subsidiary of American Resources Corporation (NASDAQ: AREC)
- Company Website: www.ararearthcorp.com
- Initial Sites: 10 sites under our control that are either being analyzed or developed.
- Element Focus: Neodymium and Praseodymium, Dysprosium, Cobalt and Lithium.

Primary Methods of Critical Element Extraction

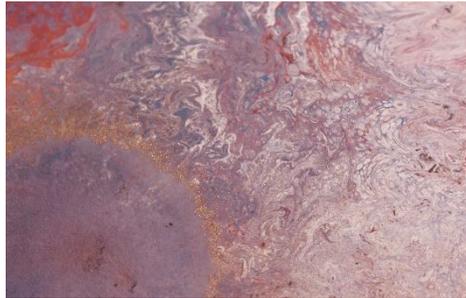
The company is focused on three environmentally positive methods of extracting and concentrating heavy rare earth concentrates and critical elements.



COMPANY OVERVIEW

Company Overview:

- The company is led by a team that has over 15 years of experience in the region identifying and acquiring various properties in the region.
- Spent the last 3 years identifying high value target properties to be developed for premium critical and heavy rare earth elements.



Rare Earth Production

The company is a developer of high-quality, low-cost critical element sites through its target market. We control 10 initial sites that we are currently either analyzing or developing and over 20 additional sites under evaluation.

Our primary method of collection utilizes an environmentally friendly hydro leaching process that minimizes land disturbances while also improving the water quality discharged.

Critical Element Processing

Focused on building the first commercial scale critical element processing facility in the eastern United States. The facility will be able to process material from sites throughout the central Appalachia region.

We will utilize our hub and spoke supply chain to economically deliver and process concentrate from our sites or our partners to be processed used state of the art technology to separate critical elements for sale.

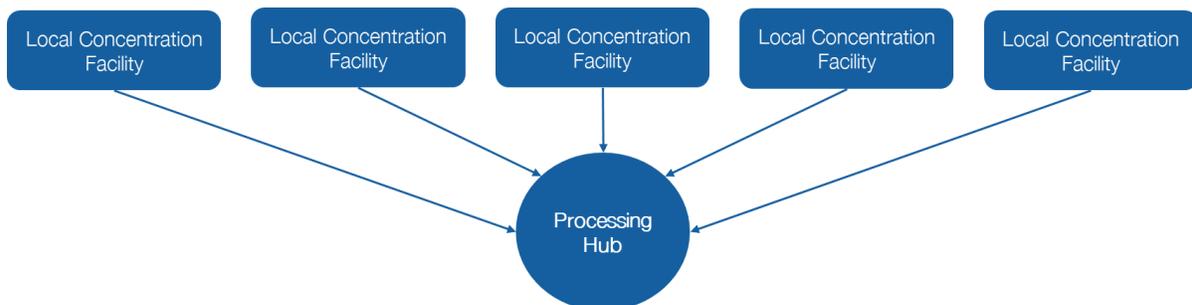


Strategic Rationale:

- The need for critical elements is a focus of national security due to its diverse use products reliant upon them.
- End users of critical elements will need to start analyzing and evaluating the environmental cost of their raw materials.

Hub and Spoke Supply Chain:

- We have developed an efficient and cost effective supply chain process to collect, concentrate and process critical elements from a radius of 150 to 200 miles depending on the % of the localized concentrate.



American Rare Earth Corporation

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