

**RARE EARTH BLOOD MINERAL MINES ARE OBAMA KICK-  
BACKS TO SILICON VALLEY OLIGARCHS**

## [Child Labor and the Global Competition for Rare Earth ...](#)

◁ [hrbrief.org/2018/12/child-labor-and-the-global-competition-for-rare-earth-elements/](http://hrbrief.org/2018/12/child-labor-and-the-global-competition-for-rare-earth-elements/)

While roughly eighty percent of the cobalt mined in the DRC is produced by mining operations that make use of heavy machinery, the remaining twenty percent of cobalt production comes from hand-dug mining operations that rely on **child labor**. Since the 1970s, the goal of eliminating **child labor** has achieved near-universal consensus.

## [iPhone mineral miners of Africa use bare hands | Daily Mail ...](#)

< <https://www.dailymail.co.uk/news/article-3280872/iPhone-mineral-miners-Africa-use-bare-hands-coltan.html>

Hard labour: Panning for **rare minerals** for 12-hours a day, this miner is covered head to foot in the ore-laden mud. It may seem unbelievable, but he is searching for a **mineral** which will power the ...

## [LME Steps Up Efforts to Ban Cobalt Suppliers Using Child ...](#)

◁ <https://investingnews.com/daily/resource-investing/battery-metals-investing/cobalt-investing/lme-ban-cobalt-suppliers-child-labor/>

**Rare Earth;** Industrial Metals ... It can do that by making sure industry standards on **child labor** and conflict **minerals** are being met, that there is auditing and certification," said a LME ...

## [Mining Child and Slave Labour - Historical and Current ...](#)

< <https://republicofmining.com/category/mining-slave-labour-historical-and-current/>

April 25, 2019 in Africa Mining, Australia/New Caledonia/Papua New Guinea Mining, Battery Technology Innovation/Electric Vehicles, Cobalt, Critical, Strategic and **Rare Earth Minerals** and Metals, International Media Resource Articles, Mining **Child** and Slave Labour - Historical and Current

## [Mines Linked to Child Labor Are Thriving in Rush for Car ...](#)

◁ <https://slashdot.org/story/18/02/20/1558257/mines-linked-to-child-labor-are-thriving-in-rush-for-car-batteries>

Metal vital to many electric vehicles has tripled in 18 months. From a report: The appetite for electric cars is driving a boom in small-scale cobalt production in the Democratic Republic of Congo, where some mines have been found to be dangerous and employ **child labor**.

## [Cobalt mining for lithium ion batteries has ... - Washington Post](#)

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<https://www.washingtonpost.com/graphics/business/batteries/ongo-cobalt-mining-for-lithium-ion-battery/>

Workers, including children, **labor** in harsh and dangerous conditions to meet the world's soaring demand for cobalt, a **mineral** essential to powering electric vehicles, laptops, and smartphones ...

## [Child miners aged four at Congo cobalt mine | Daily Mail Online](https://www.dailymail.co.uk/news/article-4764208/Child-miners-aged-four-living-hell-Earth.html)

< <https://www.dailymail.co.uk/news/article-4764208/Child-miners-aged-four-living-hell-Earth.html>

**Child** miners aged four living a hell on **Earth** so YOU can drive an electric car: Awful human cost in squalid Congo cobalt mine that Michael Gove didn't consider in his 'clean' energy crusade



## [Digging for rare earths: The mines where iPhones are born](https://www.cnet.com/news/digging-for-rare-earths-the-mines-where-iphones-are-born/)

◁ <https://www.cnet.com/news/digging-for-rare-earths-the-mines-where-iphones-are-born/>

Digging for **rare earths**: The mines where iPhones are born. ... from this mine are **rare-earth minerals**, crucial ingredients for iPhones, as well as wind turbines, hybrid cars, and night-vision ...

## Dirty, dangerous and destructive - the elements of a ...

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<https://www.theguardian.com/commentisfree/2011/sep/26/rare-earth-metals-technology-boom>

Sep 26, 2011 · Dirty, dangerous and destructive - the elements of a technology boom The environmental and human costs of **rare earth** metals are high. Yet electronics are still built to be discarded, not recycled

## Carmakers' electric dreams depend on supplies of rare ...

↳

<https://www.theguardian.com/environment/2017/jul/29/electric-cars-battery-manufacturing-cobalt-mining>

Jul 29, 2017 · Carmakers' electric dreams depend on supplies of **rare minerals** ... Daimler and Volkswagen were failing to do basic checks to ensure that they did not use cobalt mined by **child** labourers in their ...

## [Beyond "Conflict Minerals": The Congo's Resource Curse Lives ...](#)

◁ <https://www.dissentmagazine.org/article/beyond-conflict-minerals-the-congos-resource-curse-lives-on>

Beyond "Conflict **Minerals**": The Congo's Resource Curse Lives On "In sub-Saharan Africa," a video at the 2014 Consumer Electronics Show announces, "there is war that feeds off of global demand for electronics."

## [Your Hybrid Car Is Hogging All the Rare Earth Metals ...](#)

↳ <https://www.popsci.com/cars/article/2009-09/your-prius-hogging-all-rare-metals>

A **rare earth** element found in trace quantities in a variety of **minerals**, Neodymium is a crucial component in the alloy used to make the Prius's electric motors' magnets

## [Child labour behind smart phone and electric car batteries ...](#)

↳ <https://www.amnesty.org/en/latest/news/2016/01/Child-labour-behind-smart-phone-and-electric-car-batteries/>

"The dangers to health and safety make mining one of the worst forms of **child** labour. Companies whose global profits total \$125 billion cannot credibly claim that they are unable to check where key **minerals** in their productions come from," said Mark Dummett.

## [Clean Energy Boom Could Fuel One of the World's Dirtiest ...](#)

< <https://earth.gizmodo.com/clean-energy-boom-could-fuel-one-of-the-worlds-dirtiest-1829334689>

The irony of transitioning to clean energy is we're going to have to mine the shit out of the **Earth** to do it. Much like our computers and smartphones, wind turbines and solar panels are high-tech devices whose production demands a smattering of metals and **minerals** from across the periodic table and the planet.

## [Electric Vehicles, Batteries, Cobalt, and Rare Earth Metals ...](#)

< <https://blog.ucsusa.org/josh-goldman/electric-vehicles-batteries-cobalt-and-rare-earth-metals>

Though neither lithium nor cobalt are **rare earth** metals, and **rare earth** metals aren't nearly as **rare** as precious metals like gold, platinum, and palladium, there are important issues surrounding the production of lithium-ion batteries that must be acknowledged and addressed.



## [Plight of African child slaves forced into mines - for our ...](#)

< <https://laborrights.org/in-the-news/plight-african-child-slaves-forced-mines-our-mobile-phones>

Glenn Lesak, who heads Save The Children's relief programme in Congo, estimates that between 5000 and 6000 **child** slaves are forced to work in the mines. He said: "This is an industry which is concentrated on forced labour and **child** labour. It's horrific.

## [America's Rare Earth Ultimatum: A National Policy of Vertical ...](#)

◁ <https://capitalresearch.org/article/americas-rare-earth-ultimatum-part-3/>

China's monopoly of the global **rare earth** market should be no surprise-they are the pioneers of **rare earth** innovation and are the authors of **rare earth** development history as previously discussed. Today, China is by far the world's leading researcher, producer, and exporter of **rare earth minerals** and metals.

## [Trade War With China Exposes U.S. Mineral Import Problem](https://www.forbes.com/sites/judeclemente/2018/07/11/trade-war-with-china-exposes-u-s-mineral-import-problem/)

◁ <https://www.forbes.com/sites/judeclemente/2018/07/11/trade-war-with-china-exposes-u-s-mineral-import-problem/>

Jul 11, 2018 · In fact, of the 90 **mineral** commodities that our U.S. Geological Survey tracks, we are more than 50% import reliant for 50 of them and 100% import reliant for 20, including very important **rare** ...

## China trade war with US heats up with Huawei summary ...

◁ <https://www.cbsnews.com/news/china-trade-war-us-huawei-summary-judgement-ban-rare-earth-minerals-threat-beijing/>

**Rare Earth** Elements. ... Mueller witness Nader remains in custody after **child** porn charge ... Advances in **labor**-saving technology will result in women losing nearly as many jobs as men, hitting ...

## [In U.S.-China Trade War, Rare Earths Are the Nuclear Option ...](#)

◁ <https://www.usnews.com/news/world-report/articles/2019-06-03/in-us-china-trade-war-rare-earths-are-the-nuclear-option>

In U.S.-China Trade War, **Rare Earths** Are the Nuclear Option

**Rare earths** are vital ingredients in everything from U.S. missiles to wind turbines to cellphones - and China holds 80% of the market.

## [Why We Need Cobalt & Rare Earth Minerals To Power Electric Cars](#)

↳ <https://highenergytrading.com/why-we-need-cobalt-rare-earth-minerals-to-power-electric-cars/>

Cobalt: The Key **Mineral** in Electric Vehicle Batteries. The electric vehicles (EV) need a lithium-ion battery pack to function. A lithium-ion battery is made with **rare earth minerals** like cobalt, lithium, nickel, and other metals. Cobalt is a **rare** bluish-gray metal that is found deep in the **Earth's** crust.

## [Forget Lithium -- It's Rare Earth Minerals That Are in Short ...](#)

↳ <https://www.cbsnews.com/news/forget-lithium-its-rare-earth-minerals-that-are-in-short-supply-for-evs/>

The availability of lithium is a well-known concern with electric vehicle batteries, but much less reported is the concentration of the **rare earth minerals** vital to making electric motors for EVs

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## [China's Rare Earth Metal: Not As Potent a Trade War Weapon As ...](#)

↳ [fortune.com/2019/05/29/china-rare-earth-metals-trade-war/](https://fortune.com/2019/05/29/china-rare-earth-metals-trade-war/)

China, aided by its low **labor** costs and lax environmental regulations, became the dominant force in the **rare earth** market during the 1980s, surpassing the U.S. China, which sits on close to 40% of ...



## [Can China Hold The U.S. Hostage With Rare Earth Metals ...](#)

◁ <https://seekingalpha.com/article/4268750-can-china-hold-u-s-hostage-rare-earth-metals>

China dominates global **rare earth** metals supplies. China is a dominant force when it comes to **rare earth** metals. Low **labor** costs and generous environmental regulations led to China's control of ...