



## AMERICAN AGRI-WOMEN 2022

### ENERGY & MINING

**ISSUE:** Energy and Mining – having a sufficient and affordable supply for our nation as it is a matter of National Security.

**AMERICAN AGRI-WOMEN REQUEST:** AMERICAN AGRI-WOMEN BELIEVE THE UNITED STATES SHOULD ACCESS “ALL” OF OUR RESOURCES AVAILABLE TO US IN ORDER TO HAVE A SUFFICIENT AND AFFORDABLE ENERGY SUPPLY.

**Background:** DUE TO THE “GREEN ENERGY MOVEMENT”, THE UNITED STATES IS MOVING TO AN ELECTRICALLY RUN SOCIETY. In doing so, electricity has become more expensive and continues to climb higher in price. More & bigger batteries will be needed and therefore require more minerals. Our government has recently canceled leases, are reviewing already approved permits, and is using the NEPA (National Environmental Policy Act) to further hinder the permitting process. These actions make the United States more dependent on foreign countries including adversarial countries. This has now become a matter of Energy Security, Economic Security, and National Security. In order to have a sufficient defense the United States needs a sufficient supply of minerals and energy.

**Rationale:** The political actions of the United State Government contradict their own “Green Energy” goals.

- ❖ NEPA – Reversing the previous administrations permitting rules and streamlining, the permit process has become more cumbersome. the current administration wants more energy production (oil and gas) and has given more leases. What good are these leases if the permitting process is detrimental to that goal and makes the project untimely.
- ❖ Cancellation of mining leases – Twin Metals Minnesota leases were canceled. these leases would have given access to one of the largest undeveloped copper, nickel, platinum, cobalt deposits in the world.
  - copper – used in wind power and broadband networks
  - nickel – used in electric cars and medical devices
  - cobalt – used in smartphones and batteries
  - platinum – used in medical and dental instruments



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- ❖ PolyMet – The company started the permitting process in 2005 for mining copper, nickel, and cobalt near Babbitt and Hoyt Lakes, MN. In 2019 all the necessary permits were approved for the next 20 years. Currently some of the permits have been suspended or reversed by the courts
  - lawsuits by Fond du Lac Band against MPCA (Minnesota Pollution Control Agency) regarding runoff of mercury and heavy metals possibly affecting their water supply.
  - Environmental Protection Agency (EPA) took action and notified the State of Wisconsin and Fond du Lac Band that they can object to the “Section 404” permit granted by the U.S. Army Corps of Engineers under the Clean Water Act.
  - Appeals Court wants a review of the air emissions permit stating that PolyMet acted in “bad faith” by applying for a “smaller Mine” permit when they intend to expand in the future.

**Conclusion:** Given the current world situation American Agri-Women support accessing “ALL” our resources for energy in order to have Energy Security, Economic Security, and National Defense which all constitutes NATIONAL SECURITY. Neither is now the time to even consider a Carbon Tax.

Following From: <https://wmc-usa.org/pdfs/WhitePapers/MineralSupplyChainMiningLawJune18-2020.pdf>



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The May 2020 World Bank Group report, “Minerals for Climate Action: The Mineral Intensity of the Clean Energy Transition,” identifies the 17 minerals shown below that are essential to low-carbon energy technologies. According to the U.S. Geological Survey, in 2019, the U.S. relied on imports for all of these minerals.

	Wind	Solar photovoltaic	Concentrated solar power	Hydro	Geothermal	Energy Storage	Nuclear	Coal	Gas	Carbon capture and storage	Import Reliance	Exporting Countries
Aluminum*											> 75%	Jamaica, Brazil, Guinea, Guyana
Chromium											72%	Norway, Japan, China, Canada
Cobalt											78%	South Africa, Kazakhstan, Russia
Copper											35%	Chile, Canada, Mexico
Graphite											100%	China, Mexico, Canada, India
Indium											100%	China, Canada, Republic of Korea, Taiwan
Iron Ore											21%	Canada, Brazil, Republic of Korea
Lead											30%	Canada, Mexico, Republic of Korea, India
Lithium											>25%	Argentina, Chile, China
Manganese											100%	South Africa, Gabon, Australia, Georgia
Molybdenum											<20%	Peru, Chile, Canada, Mexico
Rare Earths**											100%	China, Estonia, Japan, Malaysia
Nickel											47%	Canada, Norway, Australia, Finland
Silver											68%	Mexico, Canada, Peru, Poland
Titanium											86%	Japan, Kazaksran, Ukraine, China, Russia
Vanadium											94%	Austria, Canada, Russia, Republic of Korea
Zinc											87%	Canada, Mexico, Australia, Peru
<b>Total</b>	<b>10</b>	<b>8</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>11</b>	<b>11</b>	<b>9</b>	<b>8</b>	<b>6</b>		

Sources for table: <https://doi.org/10.3133/mcs202> and <http://pubdocs.worldbank.org/en/961711588875536384/Minerals-for-Climate-Action>



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#### “Quotes”

“It’s perplexing that the current administration preaches about the benefits of the renewable energy technologies while expressing valid concerns in domestic supply chains of minerals for those very technologies, but actively renders a project that would be a huge step in the right direction in solving these issues. Strategically it doesn’t make any sense.”

**Mark Bakk, General Manager of Lake Country Power**

“Biden Administration doesn’t have a plan for mineral independence. On one hand, they want massive taxpayer investments in electric vehicles, and on the other they refuse to allow domestic mineral production, so demand continues to skyrocket.”

**Congressman Pete Stauber (R-MN)**

“It makes no sense to remain beholden to bad actors when we have abundant resources & manufacturing know how in the United States”

**Senator Joe Manchin (D-WV)**

“It is mind-boggling that anyone could look at the current state of affairs and conclude that putting an additional tax on American gasoline and energy is a solution for anything. Why don’t you just give the Americans pink slips, force thousands into bankruptcy, and hand over Poland and the Baltics to Vladimir Putin while you are at it? This idea is just idiotic right now. If anyone has read a shred of a newspaper, been on the internet, or turned on their television, they should realize that this does nothing but benefit Putin and China. These European-based energy ideas are exactly what empowered Putin to invade Ukraine. Do us a favor and go sell these crappy ideas to North Korea, China, and Russia.”

**Congressman Garret Graves (R-LA)**



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“With energy costs high for American consumers and European allies looking to the U.S. for access to an affordable and stable energy supply, we need policies in place that provide certainty and ensure the American producers can meet rising demand at home and abroad. The administration’s NEPA rewrite adds more bureaucratic red tape into permitting process, not only for natural gas and oil but for hydrogen, CCUS (Carbon Capture Utilization & Storage), wind and solar. Once again, the administration’s policies aren’t matching their rhetoric regarding the need for more American Energy production, and we urge the administration to change course and establish efficient permitting process that supports the energy security needs of the United States and its allies overseas”

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