

voters support support streamlining the U.S. mine permitting process to ensure the Department of Defense (DoD) has timely access to the mineral resources necessary for our national security.

According to a recent poll, six in10

to our national defense? The DoD uses up to 750,000 tons of

How important are minerals



military gear, weapon systems and other defense applications. The Pentagon includes 37 mineral

commodities in its Defense National

minerals annually in the manufacture of



these critical military technologies: HELPING SOLDIERS

Stockpile.

Night-Vision Goggles and Surveillance **RARE EARTH MINERALS like** defense applications like helping lanthanum are used to make

SEE IN THE DARK:

night-vision goggles.

RARE EARTH MINERALS



They are added to

camera lenses to

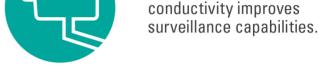


improve image clarity.

BERYLLIUM

21% of **BERYLLIUM** is used in

detect potential threats.





It helps produce real-time imagery and targeting for surveillance and makes

reconnaissance flights

performed by unmanned

BERYLLIUM'S thermal



aerial systems possible. **NICKEL** resists corrosion and

NICKEL'S toughness makes it ideal for body

ROOPS SAFE:

armor because it can

Body Armor

GIVING AIRMEI AIRWOMEN

Aircraft and Fighter Jets

withstand harsh impacts.



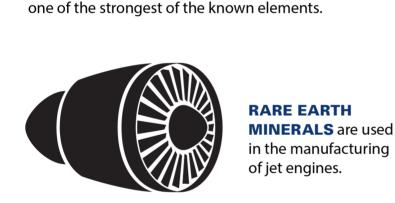
BERYLLIUM'S

fighter jets faster.

lightweight properties make

oxidation and prevents

degeneration.



Vessels and Ships

SILVER is a key resource for military aircraft like the Air Force's C17 and the Army's Apache Helicopter because it is malleable and ductile while also being

RARE EARTH

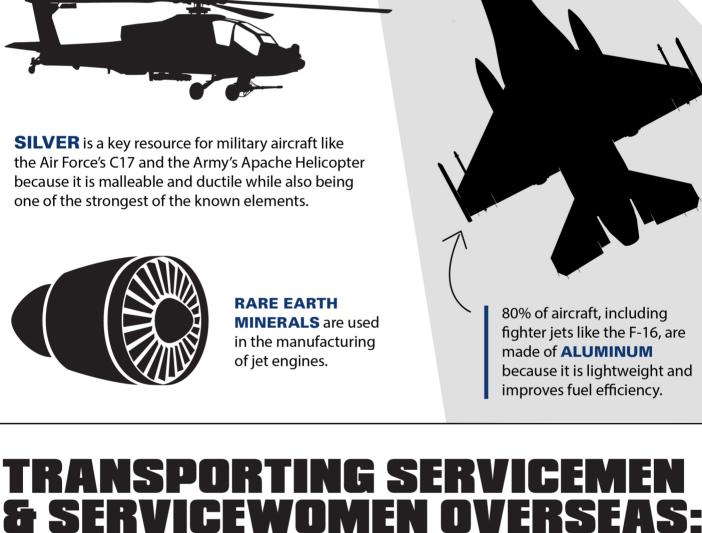
MINERALS make

sonar possible for

submarines and

naval ships.

ENSURING OUR



Naval vessels and Coast Guard ships rely on **COPPER** to protect them from corrosion.

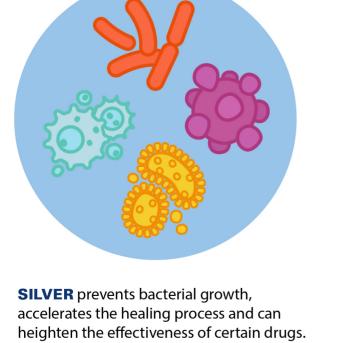
COPPER WIRING – because



Metals like TITANIUM and MOLYBDENUM are used to make life-saving surgical implants like stentrodes and prosthetic limbs.



Because of their resistance to corrosion,



BERYLLIUM'S heat resistant and low-density properties reduce radiation levels in medical technologies, such as X-rays, while also improving their functionality and efficiency.

PLATINUM GROUP METALS are frequently

found in pacemakers, implantable defibrillators, catheters, stents and neuromodulation devices.

Despite being home to a wealth of mineral resources, the U.S. imports more than one-half of its nonfuel minerals and is 100% import reliant on 20 key minerals due to an outdated and lengthy mine permitting process. Protracted delays that last seven

Modernizing our permitting process will put our defense back into our own hands!

to 10 years make it harder for the DoD to get the U.S. mineral resources it needs to protect our nation and our troops.

SOURCES

- www.thoughtco.com/lanthanum-facts-la-element-606550 www.rsc.org/periodic-table/element/57/lanthanum
- mineralsmakelife.org/assets/images/content/resources/Beryllium_Infographic.pdf

mineralsmakelife.org/blog/details/the-top-eight-miner-

als-that-support-national-defense

www.rstreet.org/op-ed/nevada-and-other-west-

beryllium.com/uses-and-applications/defense-and-security mineralsmakelife.org/assets/images/content/resources/NMA_Sil-

ern-states-should-make-the-most-out-of-their-vast-mineral-resources/

ver_Infographic_Final.pdf

mineralsmakelife.org/assets/images/content/resources/040314__Rare_Earths_Infographic_FINAL.png

www.copper.org/education/history/60centuries/modern/shipbuilwww.mineralsmakelife.org/assets/images/content/resources/040314__Rare_Earths_Infographic_FINAL.png

als-that-support-national-defense mineralsmakelife.org/assets/images/content/resources/PGM_In-

fographic FINAL.pdf http://mineralsmakelife.org/assets/images/content/resources/N-MA_Silver_Infographic_Final.pdf

www.mineralsmakelife.org/blog/details/the-top-eight-miner-

http://mineralsmakelife.org/assets/images/content/resources/Beryllium_Infographic.pdf http://mineralsmakelife.org/resources/minerals-make-nation-

of its conductivity – improves the operations of ships' generators, electric motors, lighting and communications systems. TROOPS ARE HEALTHY: