Minerals Make Life is a National Mining Association Initiative





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Dear Joe,

Earlier this month, General Motors announced a \$449 million expansion of two Michigan factories, one to manufacture hybrid vehicles and the other to make the batteries that power them. The announcement came just a few weeks after Tesla proposed a \$5 billion "gigafactory" to produce lithium-ion batteries for electric vehicles, with hopes that the raw materials would be sourced exclusively from North America.

March also brought announcements from BMW and Ford of factory expansions aimed at increasing production of new technologies and creating **hundreds of jobs** across the country.



## **DID YOU KNOW?**

WATCH: Manufacturing Makes a Comeback



"Made in America" is making a comeback. After decades of outsourcing, companies including major players in the automotive industry - are bringing production back to the USA.

Rare Earths Infographic



Rare earth minerals are a vital component of rechargeable batteries for electric and hybrid vehicles. They are also central to high-tech A common need of these automakers is minerals, both for the vehicles they manufacture and the batteries that power them. From iron used in auto body frames to molybdenum in airbags to copper in electric vehicle wiring, a growing variety of minerals is **fundamental to the future of the automobile manufacturing industry**. As automotive innovations abound and manufacturing returns to the United States, the need to streamline the permitting process for domestic minerals mining has never been greater. Demand for these essential materials is on the rise, and according to PwC, **73 percent of CEOs** in the automotive manufacturing sector feel their businesses face minerals and metals scarcity.

We must move toward utilizing the United States' **\$6.2 trillion minerals resource base** to feed this foundational domestic industry. A reliable, local supply of minerals obtained through environmentally responsible operations can provide the raw materials needed to bolster American manufacturing, innovation and economic growth but Congress must first take action to streamline permitting.

I invite you to learn more about the importance of minerals to automotive manufacturing and American innovation by visiting our Minerals Make Life blog Minerals Make Life blog.

Best regards,

Hal Quinn





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