

Submission to the IPC NSW re Silver Mines Ltd Bowden Silver Project

Background:

Silver plays a significant role in the modern electronics industry and is considered a key metal in the electronics or "e-economy". The high electrical conductivity, thermal conductivity, and durability of silver make it an essential material in a wide range of electronic devices, including computers, mobile phones, televisions, and other consumer electronics.

Silver is used in the production of microchips and other electronic components, as well as in the manufacture of printed circuit boards, electrical connectors, and other electronic components. It is also used in the production of batteries, solar panels, and various industrial applications due to its unique properties.

With the increasing demand for technology and the growth of the Internet of Things (IoT), the demand for silver in the electronics industry is expected to continue to grow in the future. As technology becomes more sophisticated and miniaturized, the demand for high-conductivity metals like silver is likely to increase.

In summary, silver plays a critical role in the electron-economy and is an essential material in the production of many electronic devices. Its unique properties make it a valuable material that is expected to continue to play an important role in the future of technology.

Silver has the highest electrical conductivity of all elements, which makes it ideal for use in a variety of electronic devices. The metal's ability to conduct electricity makes it possible to reduce the size of electronic components and increase the speed of data transfer.

Silver is also used in the manufacturing of electronic contacts and switches due to its high conductivity and resistance to corrosion. The metal's thermal conductivity makes it useful in heat-dissipating components, such as heat sinks in computer processors.

In addition to its use in electronics, silver is also widely used in other applications due to its unique properties, such as its antimicrobial properties, high reflectivity and high strength. The versatility and critical role of silver in technology and industry has led to increased demand, making it a valuable metal.

As written above: Silver has the highest electrical conductivity of all elements, which makes it a critical component in modern electronics. Silver's excellent conductivity helps reduce resistance in electrical circuits, allowing for smaller, more efficient electronic components.

In addition to its conductivity, silver also has high thermal conductivity, which makes it an ideal material for dissipating heat in electronic devices. This property helps to extend the life of electronic devices and prevent overheating, which can lead to system failures.

Furthermore, silver has excellent durability and resistance to corrosion, which makes it ideal for use in a wide range of electronic applications, including computers, mobile phones, televisions, and other consumer electronics.

Overall, silver's combination of electrical conductivity, thermal conductivity, durability, and resistance to corrosion make it a valuable material for the electronics industry and a critical component in the latest technological advancements.

NSW already is set to play a large part in the coming electron economy as we transition away from a carbon based economy with Australian Security Metals* and the addition of a very large world class supply of another "critical" metal will further burnish its crown. (Move over W.A.)

*Australian Security Metals (ASX ASM) Dubbo based project is an integrated materials business and emerging "mine to manufacturer" producer of critical metals like rare earths, zirconium, niobium, tantalum and hafnium. These metals are critical for advanced technologies in high-growth sectors, including electric vehicles, clean energy, healthcare and robotics. Current focus of the company is on Dubbo Project and recently patented metallisation process.

Taken together ASM and SVL projects have given NSW a "seat" in the coming /already on the doorstep, electron economy where we see the old "carbon economy" superseded and see Australia become a large player in the coming energy revolution.

Sincerely Yours

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