

Mexican SILVER

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INTRODUCTION OF MEXICAN SILVER

I CHOSE TO HAVE MY COUNTRY/ REGION BE MEXICO BECAUSE I AM HALF MEXICAN FROM MY DADS SIDE. I CHOSE TO HAVE MY NATURAL RESOURCE BE SILVER BECAUSE I THINK IT IS PRETTIER THAN GOLD. SILVER IS THE SAME NO MATTER WHERE IN THE WORLD IT COMES FROM. AS A LEADING PRODUCER AND WITH A LONG HISTORY OF SILVERSMITHS, MEXICO IS MOST WELL KNOWN FOR THIS METAL.

WHERE IS MEXICO?

MEXICO IS IN SOUTH AMERICA. MEXICO IS ONE OF THE WORLD'S LEADING PRODUCERS OF SILVER, SO PEOPLE OFTEN ASSOCIATE THE METAL WITH THIS COUNTRY. TAXCO IS MEXICO'S CITY MOST LINKED TO FINE SILVER JEWELRY AND OBJECTS. IN THE 1700S, RICH SILVER DEPOSITS WERE DISCOVERED HERE. TODAY, TRAVELERS FROM AROUND THE WORLD VISIT TAXCO FOR SILVER PURCHASES.



WHAT IS SILVER?

SILVER IS A NON-RENEWABLE SOFT METAL THAT CAN BE POUNDED INTO SHEET AND STRETCHED INTO THIN WIRES. SILVER WIRE WOULD BE IDEAL TO USE IN ANY ELECTRICAL WIRING BECAUSE IT HAS THE HIGHEST ELECTRICAL AND THERMAL CONDUCTIVITY OF ALL OF THE METALS.



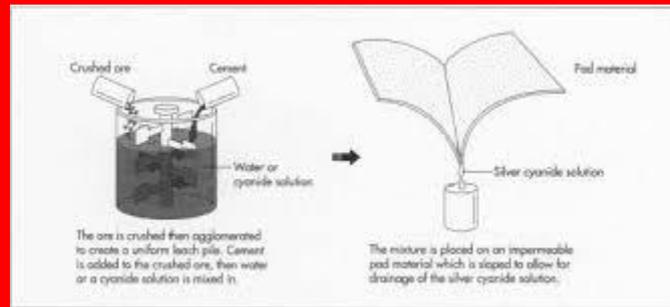
HOW SILVER IS USED IN MEXICO

SILVER MINING IN MEXICO DATES BACK ABOUT 500 YEARS, THOUGH INITIALLY THE COUNTRY WASN'T THE POWERHOUSE IT IS TODAY. BY THE 18TH CENTURY, MEXICO HAD GAINED THE UPPER HAND. SILVER ACCOUNTED FOR OVER 70 PERCENT OF MEXICO'S EXPORTS FROM THE LATE 16TH CENTURY UNTIL THE 1870S. IN MODERN TIMES, MEXICO'S MAIN EXPORTS HAVE BECOME VEHICLES, PETROLEUM AND MACHINERY, BUT MINING REMAINS AN IMPORTANT PART OF THE COUNTRY'S ECONOMY.



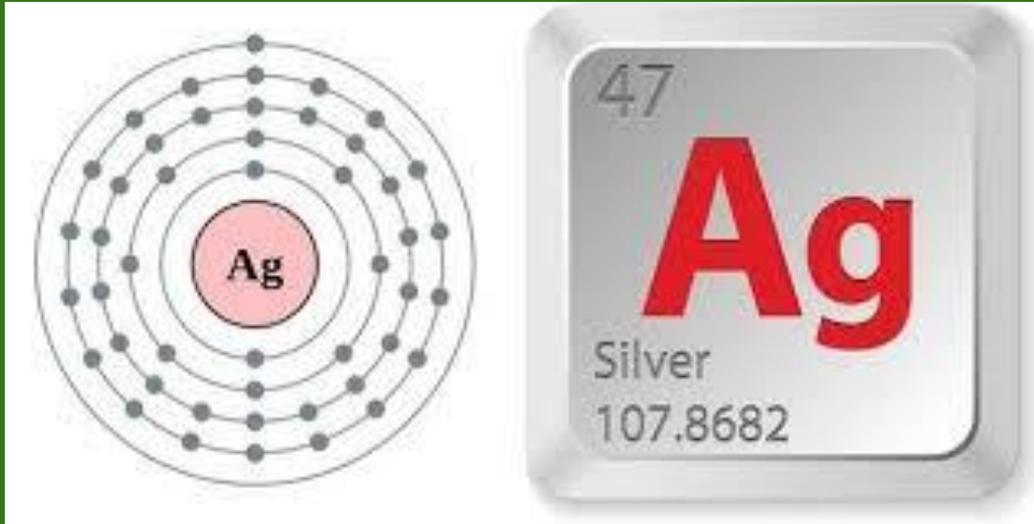
HOW SILVER IS FORMED AND WHY IT IS HERE

SILVER IS GENERALLY FOUND IN THE COMBINED STATE IN NATURE, USUALLY IN COPPER OR LEAD MINERALIZATION, AND BY 200 BC MINING AND SMELTING OF SILVER-BEARING LEAD ORES WAS UNDER WAY. SILVER IS IN MEXICO BECAUSE NATURALLY, ALMOST EVERY STATE HAS SILVER. MEXICO IS LUCKY TO HAVE SILVER WHILE SOME OTHER STATES, DON'T HAVE SILVER.



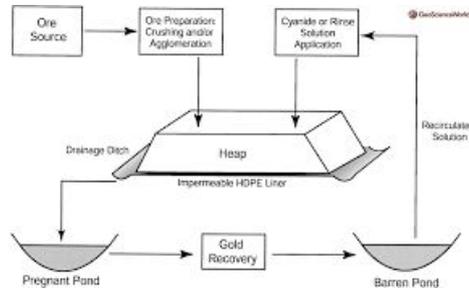
THE PROPERTY OF SILVER

SILVER IS A METALLIC ELEMENT. ITS CHEMICAL SYMBOL IS AG, AND ITS ATOMIC NUMBER IS 47. IT HAS BEEN PRIZED AS A VALUABLE METAL SINCE ANCIENT TIMES. SILVER IS RATHER SOFT, AND LIKE GOLD, IS MALLEABLE.



HOW SILVER IS EXTRACTED

SILVER ALSO OCCURS BOTH IN COMBINED STATE AS WELL AS IN FREE STATE. THE IMPORTANT ores OF SILVER are: ARGENTITE (Ag_2S), COPPER, SILVER GLANCE, HORN SILVER, RUBY SILVER. THE SILVER ores are FOUND ALONG WITH GOLD ores IN SOME PARTS OF INDIA. SILVER IS EXTRACTED FROM THE ore-ARGENTITE (Ag_2S AND Ag_2S). THE PROCESS OF EXTRACTION OF SILVER IS CALLED AS CYANIDE PROCESS AS SODIUM CYANIDE SOLUTION IS USED. THE ore IS CRUSHED, CONCENTRATED AND THEN TREATED WITH SODIUM CYANIDE SOLUTION. THIS REACTION FORMS SODIUM ARGENTO CYANIDE. THE SOLUTION OF SODIUM ARGENTO CYANIDE COMBINES WITH ZINC DUST AND FORMS SODIUM TETRA CYANOZINCATE AND PRECIPITATED SILVER. THIS PRECIPITATED SILVER IS CALLED SPONGY SILVER. THE SPONGY SILVER IS FUSED WITH POTASSIUM NITRATE TO OBTAIN PURE SILVER. THEN THE SILVER OBTAINED IS PURIFIED BY ELECTROLYTIC PROCESS.



MEXICO'S AND SILVER'S RELATION

THE ONLY RELATION BETWEEN MEXICO AND SILVER IS THAT SILVER IS JUST MINED BY MEXICAN MINERS. THERE IS NO OTHER REAL RELATION BETWEEN MEXICO AND SILVER.



MEXICO'S FUTURE WITH SILVER

IN THE NOT-SO DISTANT FUTURE, MEXICO'S PRODUCTION OF GOLD AND SILVER WILL BE A KEY FACTOR THAT WILL MAKE POSSIBLE THE CONTINUANCE OF MEXICO'S DEVELOPMENT, AND ALLOW IT TO SURVIVE THE INEVITABLE HAVOC THAT WILL ACCOMPANY THE DEATH OF THE PRESENT MONETARY SYSTEM, CENTERED ON THE AMERICAN DOLLAR.



CONCLUSION OF MEXICAN SILVER

WHAT I HAVE LEARNED ABOUT MEXICO IS THAT IT IS A STATE WITH SILVER. IT PRODUCES SILVER IN A WEIRD WAY. I HAVE ALSO LEARNED THAT THE PROPERTY OF SILVER IS AG AND THE ATOMIC NUMBER IS 47. SILVER IS USED TO MAKE JEWELRY. SOME EXAMPLES OF JEWELRY THAT MEXICO HAS MADE WITH SILVER ARE NECKLACES, RINGS, PESOS (MEXICAN MONEY), AND EARRINGS. THESE ARE SOME THINGS THAT I HAVE LEARNED WHILE DOING THIS RESEARCH PROJECT OF MEXICAN SILVER. I HOPE YOU ENJOY THE REST OF THIS PRESENTATION.

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HOPE YOU ENJOY THE REST
OF YOUR LIFE AND DAY.

THANK YOU!!!