



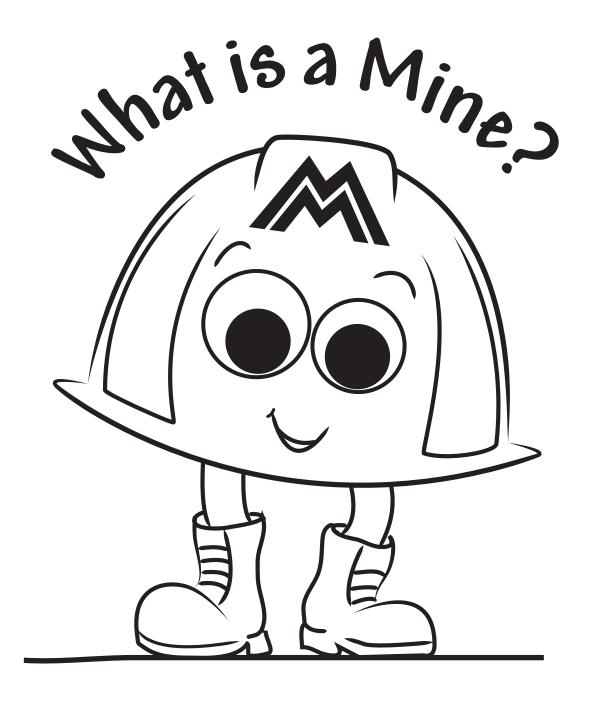


Mining Matters is a charitable organization dedicated to educating young people to develop knowledge and awareness of Earth sciences, the minerals industry, and their roles in society.

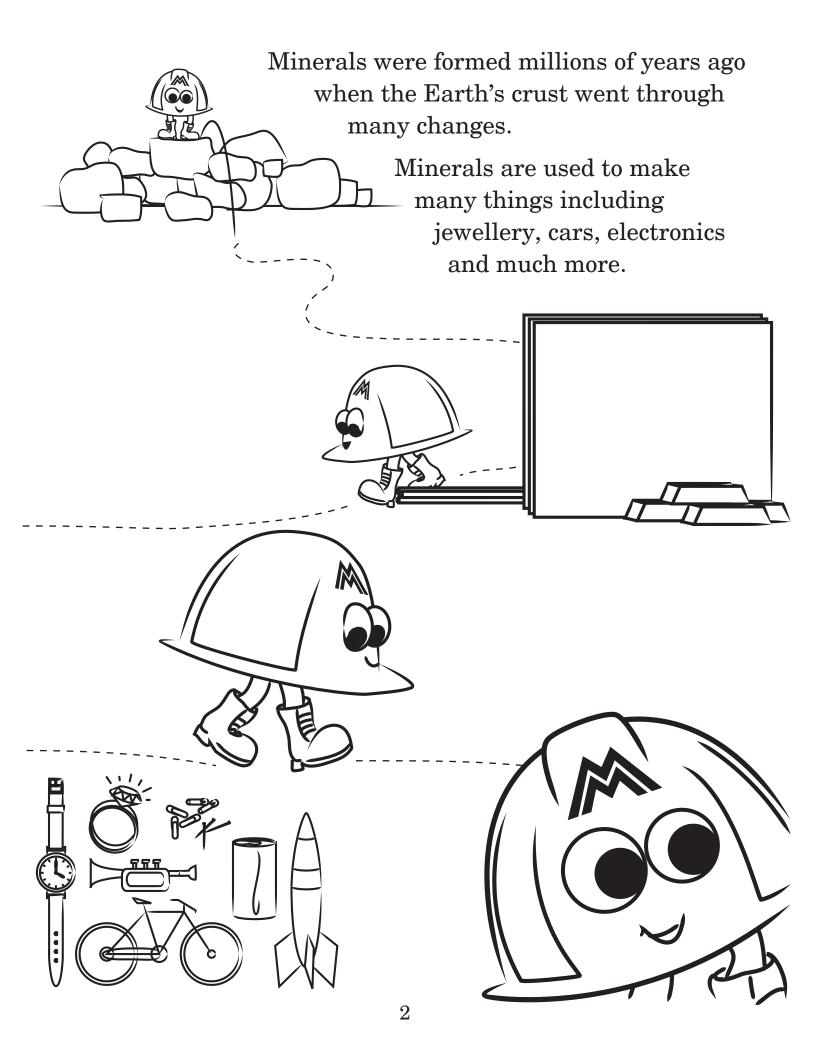
The organization provides current information about rocks, minerals, metals, mining and the diverse career opportunities available in the minerals industry.

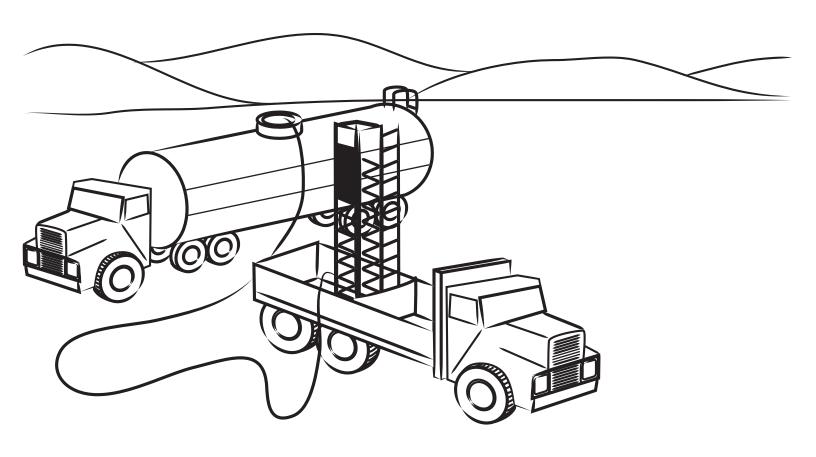
MiningMatters.ca

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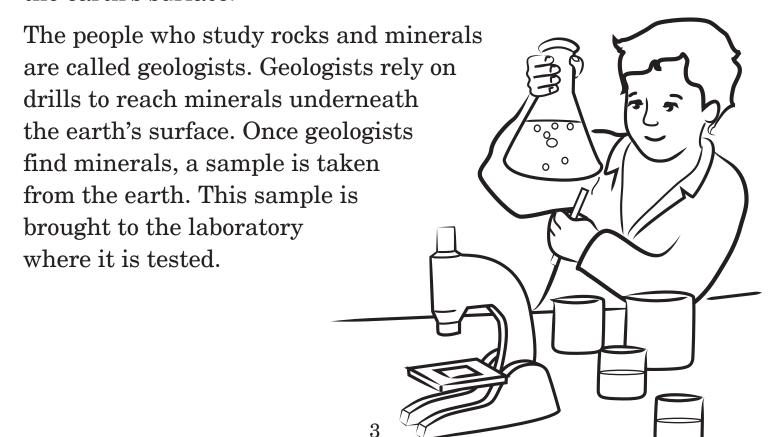


Hello, my name is Mighty Miner, that's MM for short and I am going to take you on an adventure that will help you answer the question, "What is a Mine?" LET'S GO!



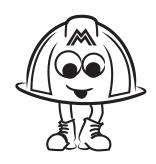


Before mining can begin, we need to know where the minerals are located underneath the earth's surface.



Once a company decides to build a mine, many things need to be decided and organized. Geologists, engineers, many other specialists and the people in nearby communities are all involved in this stage of the mining process.

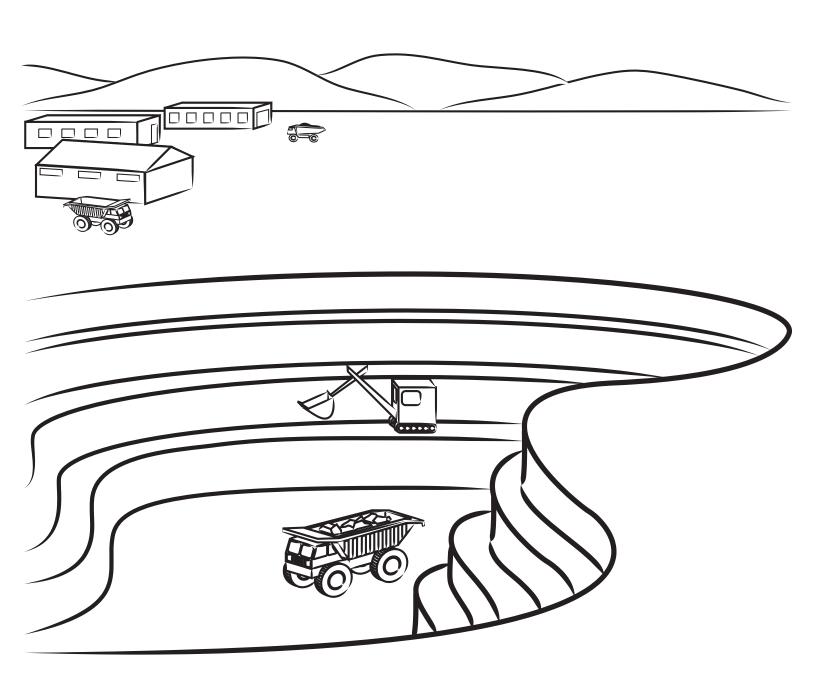


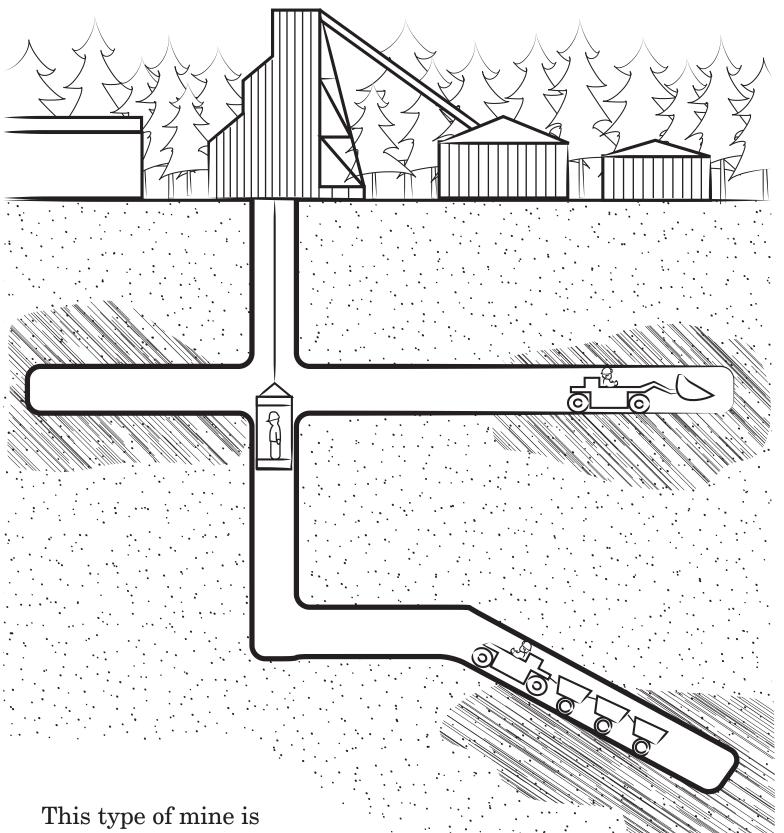


Hundreds of people are needed to build a mine. The construction of a mine includes building office buildings and repair shops, as well as the areas where the ore is dug out of the ground.



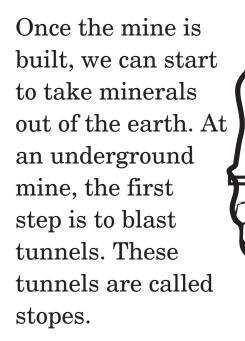
Mines that look like the one here are called open pit or surface mines. Rocks and minerals are dug out from the surface at these mines.

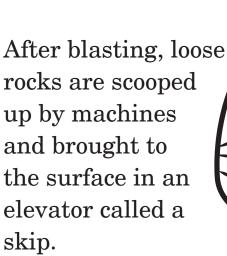




This type of mine is called an underground mine.

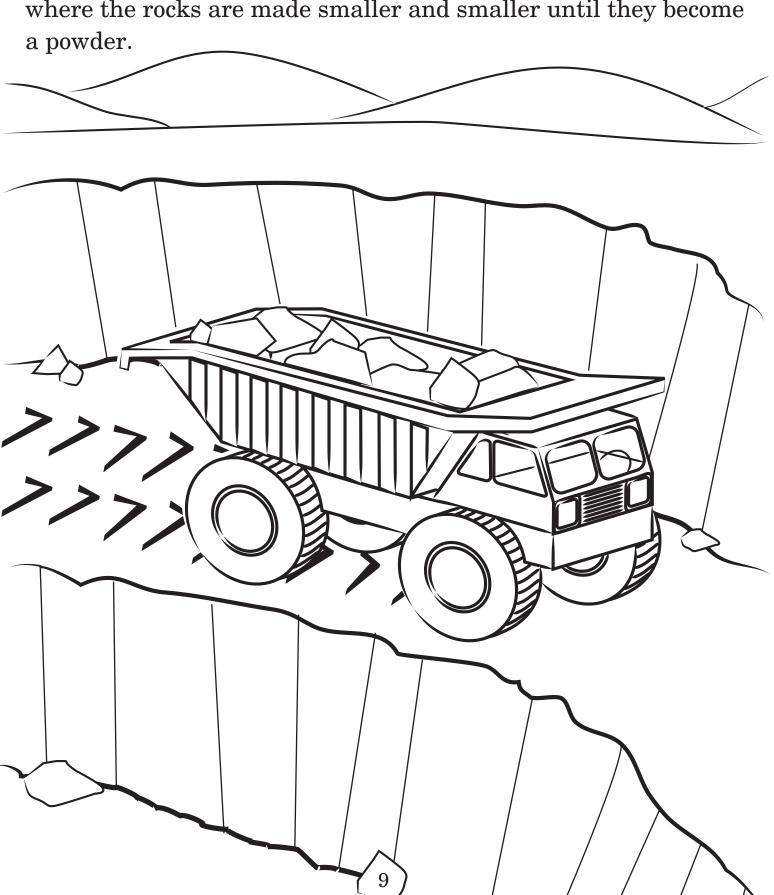
When valuable rock or mineral deposits are located far beneath the earth's surface, underground mines are necessary.

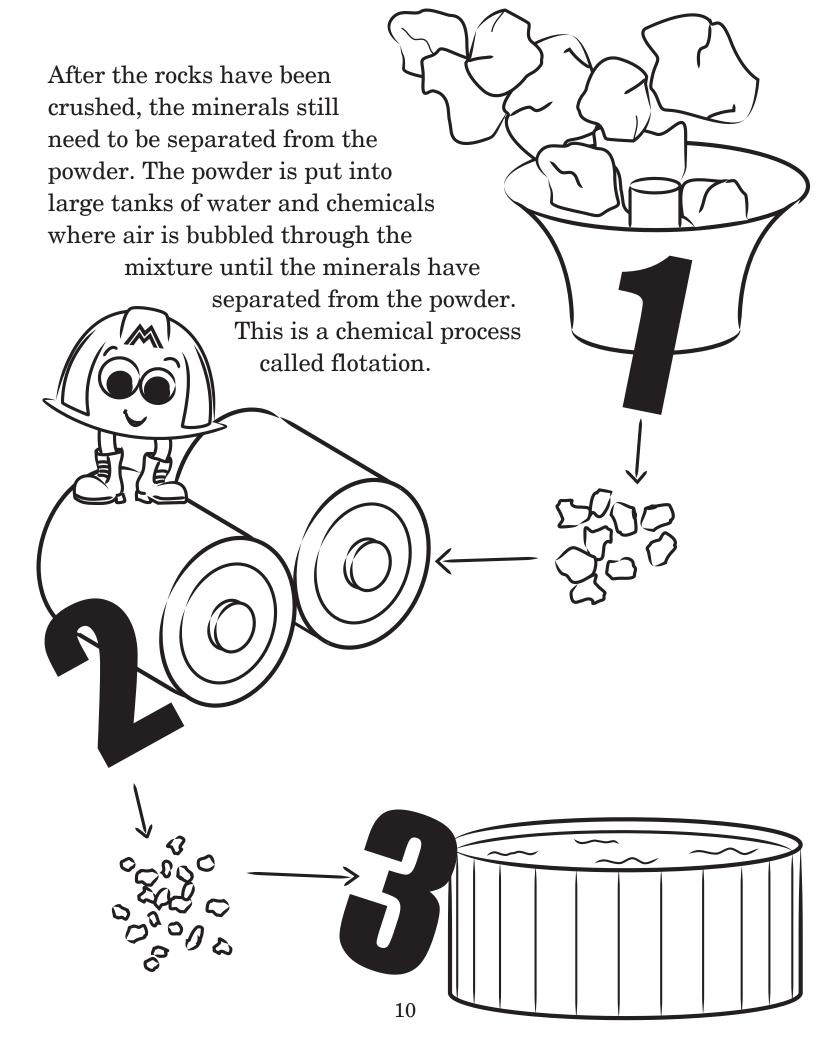




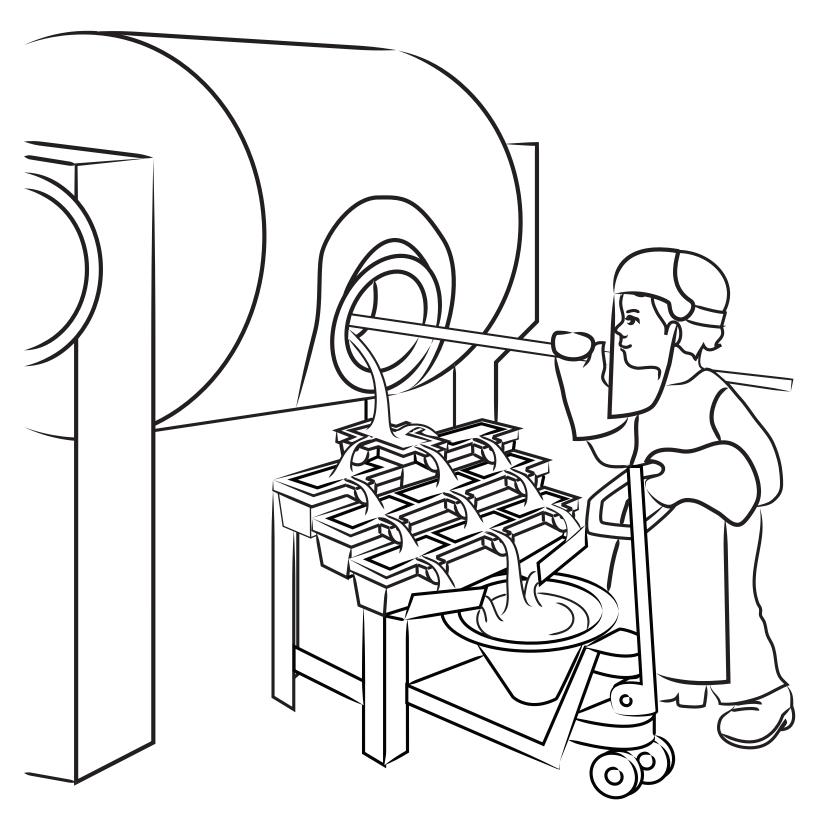


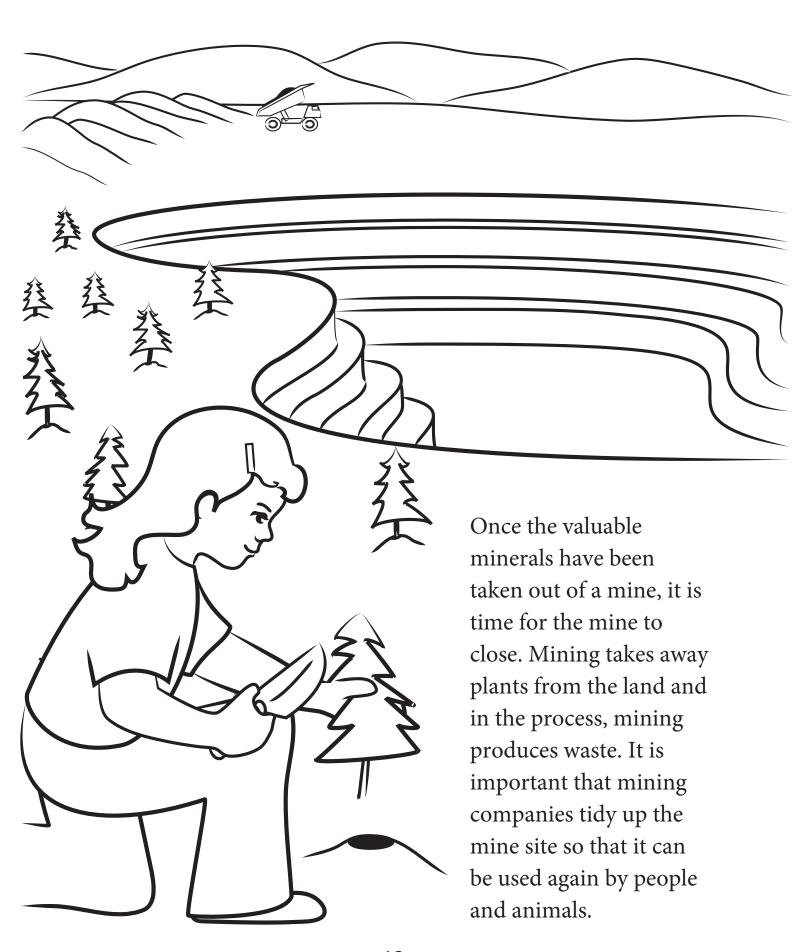
Once the rocks are removed from the earth, they are transported by truck, or sometimes by conveyor belt, to a crushing machine where the rocks are made smaller and smaller until they become

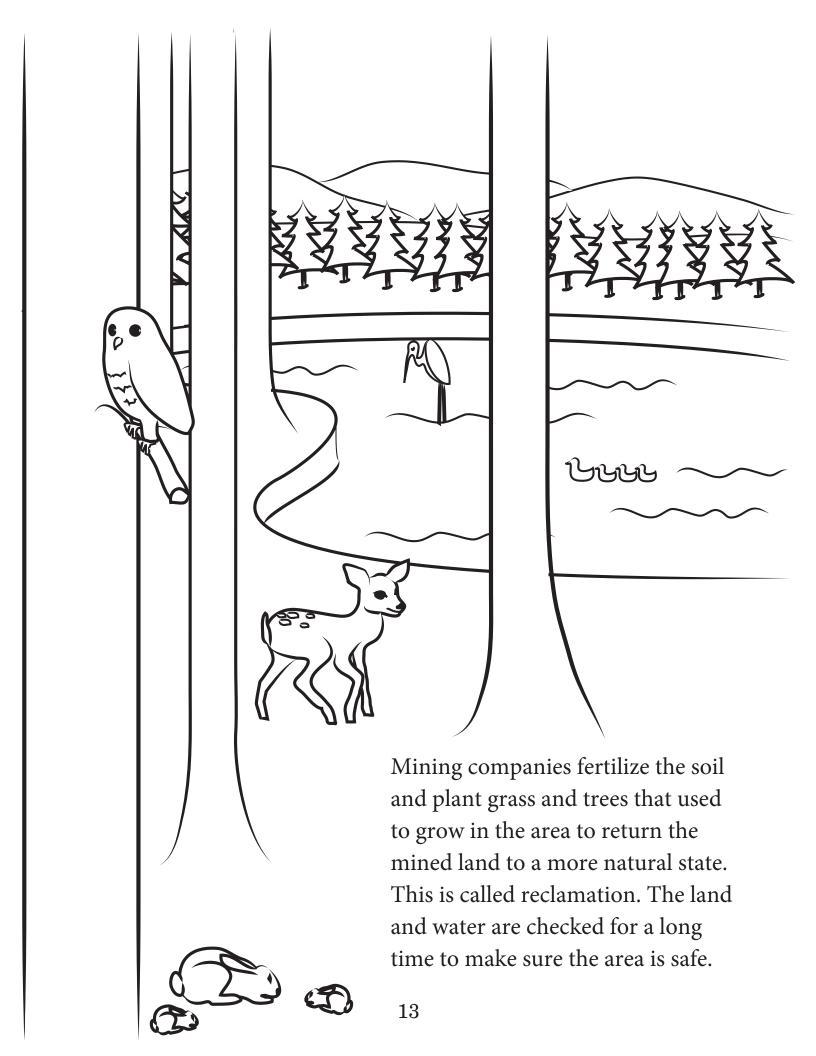




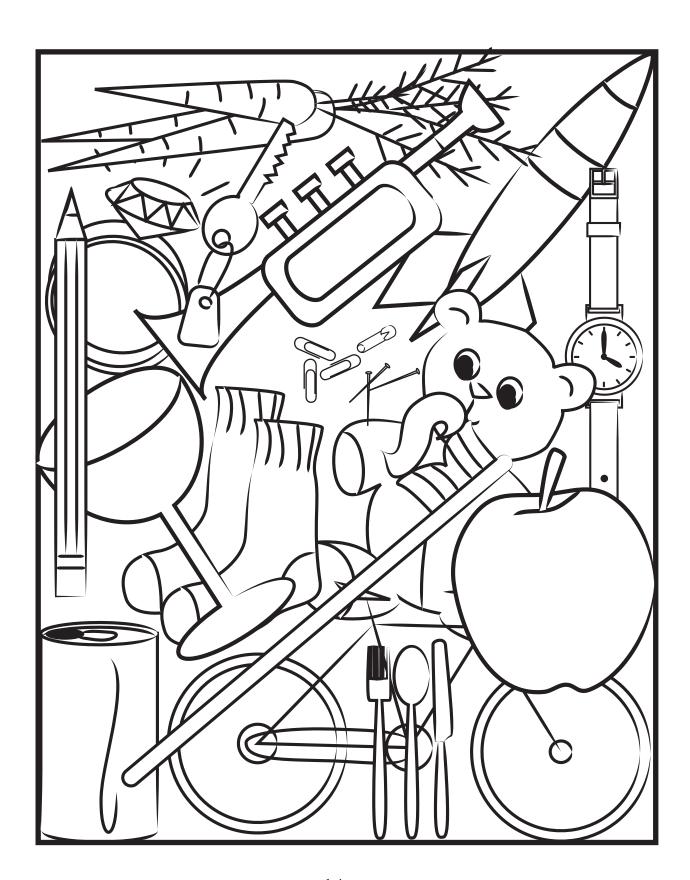
The minerals are then placed into a big furnace where they are melted. Once the minerals are melted, they are poured into moulds where they cool and harden into bars. These bars are worth lots of money, especially if the mineral is gold!

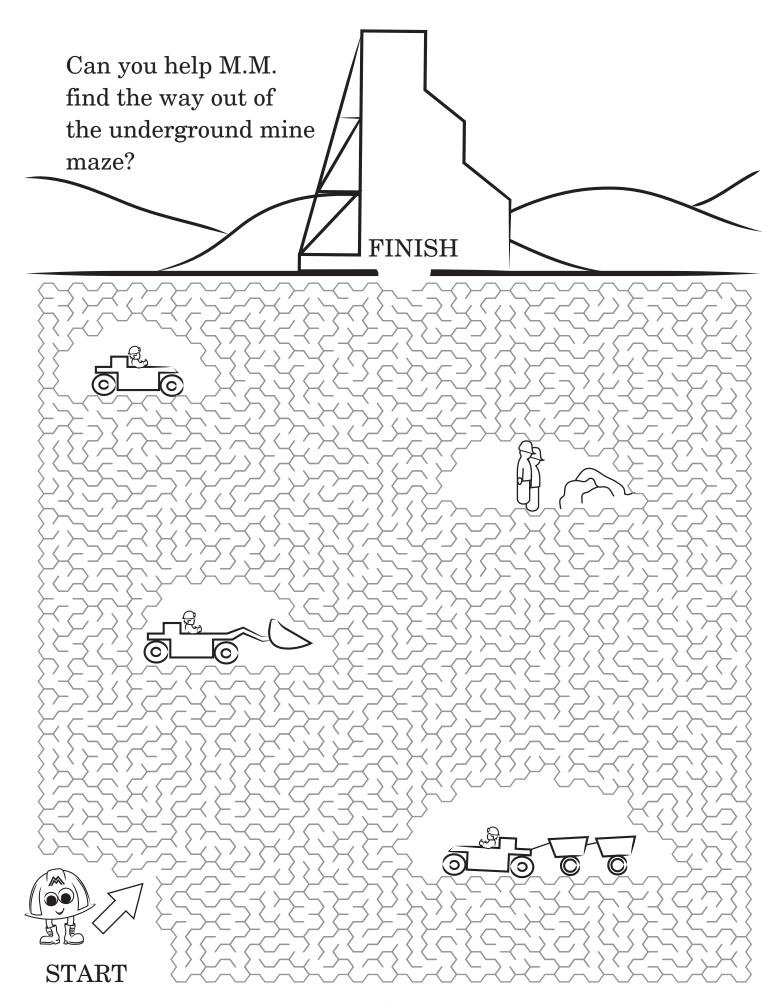






Now that you know more about minerals and mining, try to find all the things in this picture that were made using minerals.





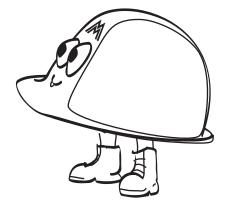
WORD SEARCH

Can you find the hidden words?

S M Q Ε F C L D L Ν F K S Ν L U В В Ε W Α C D Y Ε Z U V S Р C Т L -U Α F Т W Ε Z B R 0 0 L Н Α C R 1 Q G W E R Α D M Ν G E R U Н U N Ε Р C G Т ı P В Q ı N 1 E U Α S Y G S L L Τ Ν G Ν C S M Η C R U S X D ı Ν M Н G Α O Ζ Т M G O Q Т M F C F 0D Ν Α -L V Ε Ν G Ν Ε Ε R В C R Т P P Ε Z F R Ε 0 C W Q U G Ε I S Ν R J Т L F W G Н S U G Z F Т Ζ X F L 0 Т Α T Ι 0 Ν O Ζ M Α Ε 0 Р Α W C R N Α V R U Ν U 0 R G R E N U Y D D K Y

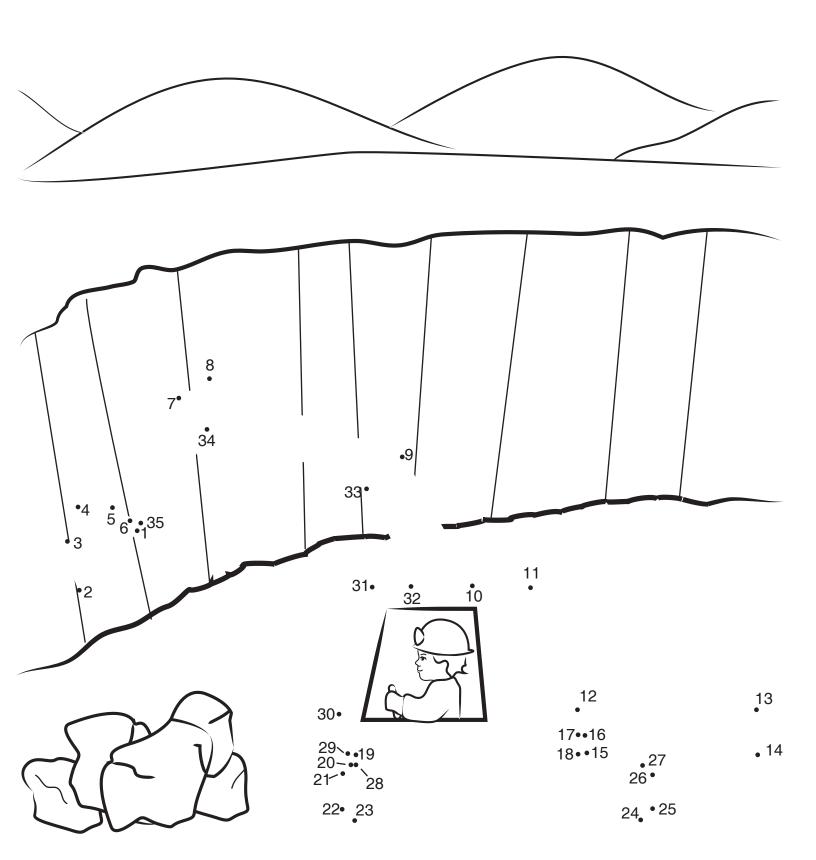
CAREER
COMMUNITY
COPPER
CRUSHING
DISCOVER
ENGINEER
FLOTATION
GEOLOGIST
GOLD

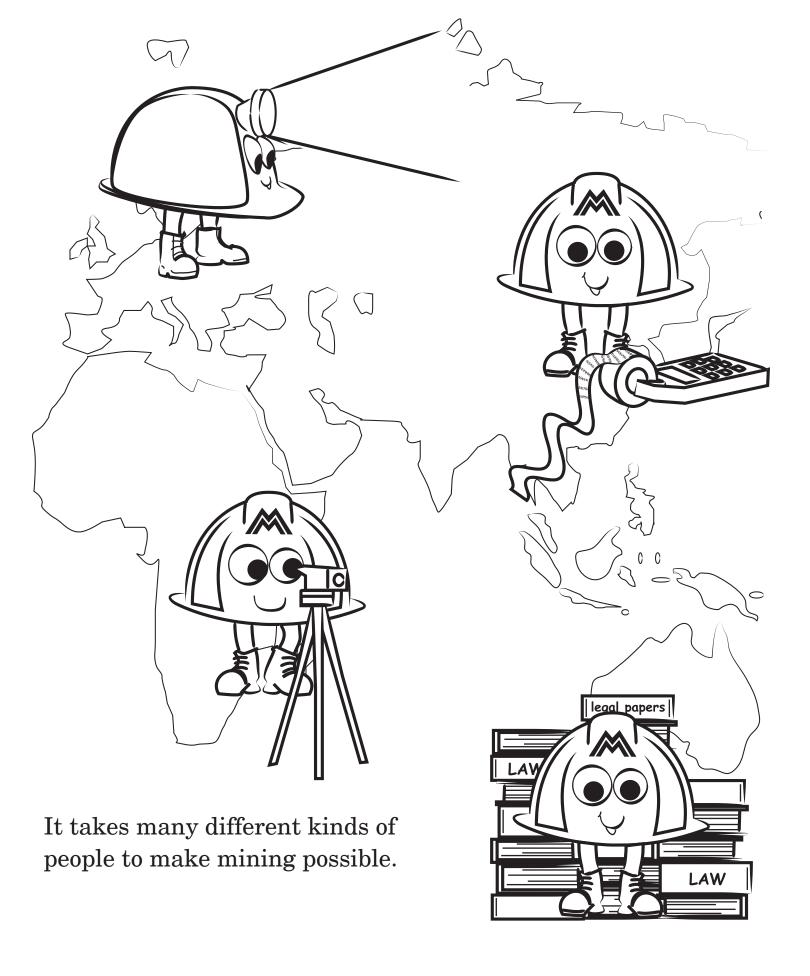
METAL
MINE
MINERAL
PEOPLE
PIT
RECLAMATION
ROCKS
SURFACE



UNDERGROUND

CONNECT THE DOTS







You can have an exciting career in the mining industry.

Our tour of the mining process is over and it's time for me to say goodbye. I hope I have helped you answer the question "What is a Mine?" and that you are now familiar with minerals and the role they play in our everyday lives.

GOODBYE FOR NOW!

