

Trivia Questions and Answers

Giant Mine & Health Effects Monitoring Program (YKHEMP)

1. Giant Mine operated in Yellowknife from 1948 to 2004.
A. True
B. False
2. What metal was mined at Giant Mine?
A. Diamonds
B. Gold
C. Silver
D. Copper
3. Where did the gold come from?
A. Soil
B. Water
C. Arsenopyrite ore
D. Lava
4. In extracting gold, what toxic chemical was released as a byproduct?
A. Arsenic Trioxide
B. Nickel
C. Oxygen
D. Zinc
5. Giant Mine is considered one of the most contaminated sites in Canada.
A. True
B. False
6. A local health program is testing people for arsenic and other metals of concern.
A. True
B. False
7. Which university is responsible for the health monitoring program?
A. University of Victoria
B. University of Alberta
C. University of Ottawa
D. University of British Columbia
8. The health monitoring program is collecting urine and toenail clippings to test for arsenic.
A. True
B. False

GIANT MINE AND HUMAN HEALTH

WORKSHOP FOR GRADES 6 TO 9



9. What is human biomonitoring? (Bonus question)
- A. Measurement of wildlife in the area.
 - B. Measurement of a chemical (like arsenic) in the body.**
 - C. Measurement of your mental health.
 - D. Measurement of your height and weight.

GIANT MINE AND HUMAN HEALTH WORKSHOP FOR GRADES 6 TO 9



Water, Land and Food in the Yellowknife Area

1. Tap water in Yellowknife, Ndilq and Dettah is safe to drink.
A. True
B. False
2. Which of these lakes is safe for swimming? Best guess
A. Niven Lake
B. Frame Lake
C. Great Slave Lake
D. Rat Lake
3. If you boil water from a contaminated lake, it will remove arsenic.
A. True
B. False
4. Garden vegetables grown in Yellowknife, Ndilq and Dettah are safe to eat.
A. True
B. False
5. Which of these things is more likely to absorb arsenic from the soil? (Best guess)
A. Pine mushrooms
B. Lowbush Cranberries
C. Labrador tea
D. Saskatoon berries
6. It is safe to eat wild berries around Yellowknife but *away* from roads, industrial activities, and contaminated sites.
A. True
B. False
7. Which of these foods is *usually higher* in arsenic?
A. Berries
B. Bread
C. Rice
D. Chips
8. What can you do to keep your arsenic levels low?
A. Don't smoke
B. Wash your hands before eating
C. Wash your garden veggies to remove any soil
D. All of the above