

KENNECOTT'S BINGHAM CANYON MINE TOUR PATCH

Tours are available from April 1 through October 31. Open 8 a.m. to 8 p.m. weather permitting. Entrance fees will be waived for all vehicles with Girl Scouts and leaders in uniform. To receive your patch, complete all requirements. Patches can be purchased for \$2.00 at the Council Resource Center.

Troop leaders should return the completed forms to:
Girl Scouts of Utah
Kennecott's Bingham Canyon Mine Tour Patch
PO Box 57280
Salt Lake City, UT 84157-0280

Purpose: To educate Girl Scouts about the resource management and development done by Kennecott at the Bingham Canyon Mine.

Age level: Girl Scout Cadette, Senior, Ambassador

Requirements:

1. Tour the visitor center, both inside and outside, watch the 19 minute film in the theater. Locate the following information and answer these questions.
 - A. Name two artifacts on display in front of the Visitors Center.

 - B. What is the height and weight of a haulage truck tire? _____
 - C. Identify five minerals found in the Bingham Canyon Mine.

 - D. When did surface mining, which resulted in open-pit mining, begin in Bingham Canyon?

 - E. Whose idea was surface mining and what was his profession? _____

 - F. What are the four basic production steps in copper processing? _____

 - G. What important safety award did Bingham Canyon Mine employees win?

 - H. How much weight can the largest haulage trucks carry? How much weight can the largest shovels lift in one bite? _____
 - I. In addition to copper, what other metals are produced from the Bingham Canyon Mine?

J. List the six major environmental programs that are important parts of Kennecott's ongoing operations.

K. What are copper's two main alloys? _____

L. How much copper ore is mined at Bingham Canyon every day? _____

M. Name the animals that exist at the mine. _____

N. What is the name of the original company that preceded Kennecott in the development of the Bingham Canyon Mine? _____

O. Name five ways that copper is used in your everyday life. _____

P. What percentage of the copper used by the Allies during World War II was mined at Bingham Canyon? _____

Q. Name ten of the minerals and metals produced by Rio Tinto, Kennecott's parent company.

R. While viewing the Bingham Canyon Mine from the Overlook, locate the in-pit crusher and the conveyor system. How much ore is crushed daily in the in-pit crusher? _____

S. List five minerals or metals used in the construction of a home. _____

T. List five minerals or metals used daily in a home. _____

Name _____ Phone Number _____

Address _____

City, State, Zip _____

Leader's name _____ Troop Number _____

THANK YOU FOR VISITING THE KENNECOTT BINGHAM CANYON MINE
AND PLEASE COME AGAIN SOON!