

Historic Toburn Mine Quiz, Kirkland lake, ON., CDN

Name: _____ Date: _____ (Updated April 8th, 2017)

Note: The area covered in this quiz covers what is known as the Kirkland Lake Ontario Mining District that extend north to the Matheson area, south to the cobalt area, east to the Quebec boarder and west to the Matachewan area.

The 6 Bronze Miners-Family Plaques mounted at the Historic Toburn Mine site in Kirkland Lake along with the information given on the self walking tour, on www.toburn.ca, www.kirklandlakeplaque.ca, www.museumkl.ca will help you fill out this Quiz .

1. What was the first recorded mineral in the geological area?
a) silver b) gold c) galena
2. What date was the first recording of a mineral in the geological area?
a) 1686 b) 1903 c) 1908
3. What mineral was first recorded in the Kirkland lake area?
a) iron 1902 b) gold 1908 c) asbestos 1933
4. How many gold mines were there in the Kirkland Lake District up to 2011?
a) 8 b) 32 c) 62
5. In the Dobie area besides gold what other mineral was mined?
a) copper b) tin c) lead
6. What mineral is the best conductor of electricity?
a) copper b) silver c) gold
7. How many countries did people come from to build the Kirkland Lake area?
a) 5 b) 10 c) over 20
8. Before 1935 how did people see underground when there was no electric lights underground?
a) candles b) carbide lamps c) waited till day light
9. What statement does not fit when explaining gold?
a) gold is heavy b) gold is malleable c) gold only lasts 100 years
10. What mine in the Kirkland lake area was found in 1902 but was only brought into production in 1964 - 62years latter.
a) St Andrew's Mine b) Adams Mine c) Macassa Mine - K.L. Gold Minerals
11. What mineral turns green when it is exposed to the air?
a) iron b) copper c) silver
12. How many ounces of gold were produced in the Kirkland Lake district up to 2011.
a) 4,000 ounces. b) 400,000 ounces c) over 42,000,000 ounces.
13. How many times deeper is the K.L. Minerals Mine shaft (Maccasa) than the height of the C.N. Tower ?
a) 2 b) 4 c) more than 5
14. Who discovered the first mineral find in the "geological area"?
a) Samuel de Champlain b) Sir Harry Oakes c) Sieur de Troyes
15. The Macassa Mine #3 mine shaft depth on the bronze plaque at the historic Toburn Mine site is recorded as 7225 feet---- but the real depth is farther at 7238.12 feet----- 1 and was the deepest single shaft in North America in 1983
a) True b) False
16. Drifts , shafts, and tunnels made by the miners in the Kirkland area while extracting gold extend underground for
a) 100 miles, or 160.9 K b) 200 miles, or 321.8 K c) over 300 miles, 487.7K.
17. Other than gold how many more valuable minerals are found in the Kirkland Lake mining district?
a) 3 b) 5 c) more than 10
18. Inventions that came out of the Kirkland Lake mining camp included 1. The Erikson drilling bit at the Lake Shore Mine 2. The Teck electrical cable connector developed by Thomas and Betts at the Teck Hughes Mine 3. The Zimmerman cage at the Sylvnite Mine. 4. The George Purdie Mine Bar at the Lake Shore Mine 5. A glass assay apparatus at the Swastika Assay Laboratory.
a) True b) False
19. Beside highway # 66 near Virginiatown the sign Tonene Lake was recently changed to Chief Tonene Lake. He was an early Ojibway prospector who took a leading role in creating mining development in Virginiatown.
a) True b) False
20. The term "diamond drilling" is used because diamonds are embedded into the cutting drill bit that cut into the hard rock.
a) True b) False

ANSWERS: 1. C, 2. 1686, 3. A, 4. C, 5. A, 6. C, 7. C, 8. B, 9. C, 10. B, 11. B, 12. C, 13. B, 14. C, 15. A, 16. C, 17. C, 18. A., 19. A, 20. A.

Group tours may be booked by contacting www.toburn.ca or take a self walking tour anytime at no charge.