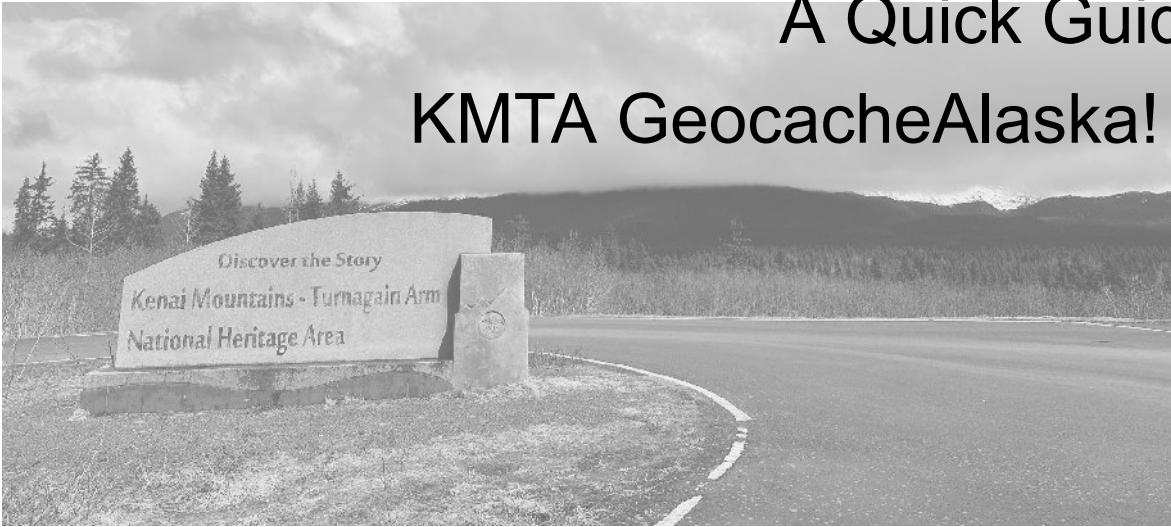


A Quick Guide for the KMTA GeocacheAlaska! GeoTrail



of Geocaches: 23
Traditional - 16
Multi - 4
Mystery - 2
Adventure Lab - 1
Earthcache - 1

KMTA GeoTrail #1: Roundhouse Museum

GC9ZHDC 1.5 | 2.5 | Regular | Multi | N 60° 58.148 W 149° 05.880

This is a simple multi-stage cache that requires research of the area. Gather some information and complete a bit of basic math at the first stage to obtain the coordinates for the final stage which is located at

N AA BB.CCC W 149 0D.E0F

1st Stage: At posted coordinates. Directly in front of Bear Statue.

2nd and Final Stage: Answer questions below to get final coordinates.

Question A: What is the latitude of the Bear Sculpture?

Question B: What year was the first chairlift and Round House completed? Last two digits of year minus 2.

Question C: How many feet above sea level is the Round House Museum? Drop 0 off, divide in half, add 15.

Question D: What year was the Round House Museum placed on the National Historic Register? Add all numbers in year together.

Question E: What century did Colonel James Girdwood stake his first four gold claims? Think 14th century, 15th century, etc...Century minus 10.

Question F: How many local men came together to form the Alyeska Ski Corporation? Answer to this question minus 9.

KMTA GeoTrail #2: Girdwood - Crow Creek Mine

GC9ZHDV 1.5 | 2.5 | Regular | Traditional | N 60° 59.976 W 149° 04.996

KMTA GeoTrail #3: Interpreting Glaciation Moraines

GC9ZVBA 2.0 | 1.0 | Other | Earthcache | N 60° 47.256 W 149° 12.836

The passport code word is towards the bottom, inside the body of the sign.

Please email/message the answers to questions below to the CO. Do not include these answers in your log.

A. Please add the text "Turnagain Pass: Interpreting Glacial Moraine Evidence" to your message.

B. What type of valley do you think you are you in?

C. In your opinion, how was this valley created?

D. Based on your view of the area, what types of moraines were here?

E. What types of moraines are still visible?

F. There are debris cones in the area. What direction do you see debris cones, if any?

G. Using the information sign at ground zero, what are three activities enjoyed in the surrounding area relating to the cache content?

Optional request: please include responses to questions below in your log as conversational pieces, requested not required:

H. What other valleys have you seen while visiting Alaska, or if none, in your travels elsewhere? Any famous ones, such as the Grand Canyon (United States), San Joaquin Valley (United States), The Valley of Flowers (India), Jiuzhaigou Valley (China), etc.?

I. Please provide a photo of yourself, your GPSr, or a personal item that proves that you have visited this site in your log. Please do NOT include the informational signs at the posted coordinates in your photo.

KMTA GeoTrail #4: The Hope Cutoff

GC9YK37 2.0 | 2.0 | Regular | Multi | N 60° 46.774 W 149° 25.410

Hard Luck Gulch: Find the section about the two miners who brought the most claims for the region. One of them has a country for his nickname, which is it?

Iceland = N 60 45.423

Germany = N 60 46.877

Spain = N 60 46.147

Gold Discoveries: With so many miners coming in looking for what ended up being a smaller than expected amount of gold, there were bound to be some conflicts. How many miners were shot over disputed claims?

1 = W 149 25.766

3 = W 149 25.254

8 = W 149 26.001

KMTA GeoTrail #5: The Hope Museum

GC9ZKWZ 1.5 | 1.5 | Regular | Traditional | N 60° 55.037 W 149° 38.425

KMTA GeoTrail #6: Resurrection Creek

GC9YK38 1.5 | 2.0 | Regular | Traditional | N 60° 52.207 W 149° 37.875

KMTA GeoTrail #7: Geology & Dynamic Earth Changes

GC9ZKX2 1.5 | 2.0 | Regular | Traditional | N 60° 46.842 W 149° 26.065

KMTA GeoTrail #8: Wible Hydraulic Mining Flume

GC9Z1AT 1.5 | 3.0 | Regular | Traditional | N 60° 44.805 W 149° 27.762

KMTA GeoTrail #9: Effects of Glaciation

GC9Z1AZ 1.5 | 2.5 | Regular | Traditional | N 60° 38.114 W 149° 30.467

KMTA Geotrail #10: Gilpatrick Lode Mining

GC9Z1AV 1.5 | 2.0 | Regular | Traditional | N 60° 35.281 W 149° 33.233

KMTA GeoTrail #11: Tern Lake

GC9Z9VR 1.0 | 1.5 | Regular | Traditional | N 60° 32.055 W 149° 32.592

KMTA GeoTrail #12: Cooper Landing Museum

GC9ZTBG 2.0 | 1.5 | Small | Traditional | N 60° 29.337 W 149° 50.088

KMTA Geotrail #13: Well Preserved House Pit

GC9ZTBK 2.0 | 2.0 | Regular | Traditional | N 60° 29.132 W 149° 51.307

KMTA Geotrail #14: Cooper Creek

GC9ZTBQ 2.0 | 2.0 | Regular | Traditional | N 60° 29.002 W 149° 53.276

KMTA Geotrail #15: K'beq' Native Cultural Center

GC9ZTBV 2.0 | 2.0 | Regular | Traditional | N 60° 28.954 W 149° 56.220

KMTA GeoTrail #16: View of Converging Corridors

GC9ZG3E 1.5 | 2.0 | Regular | Traditional | N 60° 30.108 W 149° 22.236

KMTA GeoTrail #17: History at Moose Pass

GC9ZH67 2.5 | 2.5 | Regular | Multi | N 60° 29.282 W 149° 22.231

Final Coordinates: N 60 2A.BBB W149 22.CDC

Where A is the number of rooms the newly-remodeled school grew to have in 1953, due to a doubling in school population.

Where B is the number in 1921 of school-aged children less 1, necessary for Moose Pass to be able to open an elementary school.

Where C is the third digit in the mileage listed in the 1924 railroad timetable of the Moose Pass Flag Stop.

Where D is the second digit of the elevation of Moose Pass, as listed on the top header portion of the sign.

KMTA GeoTrail #18: The Old Primrose Bridge

GC9ZJ4F 2.0 | 2.5 | Regular | Traditional | N 60° 19.807 W 149° 21.824

KMTA GeoTrail #19: Understanding the Jokulhlaup

GCA0BN5 2.0 | 2.5 | Regular | Traditional | N 60° 20.398 W 149° 22.159

KMTA GeoTrail #20: Seward's Woodlawn Cemetery

GCA0BND 2.0 | 2.0 | Regular | Multi | N 60° 09.289 W 149° 24.216

Final Coordinates: N60 09.2AB W149 24.CDD

Where A = 1.5 times the total number of letters in Mary's last name
Where B = 1st digit of Mary's age at her time of death
Where C = Total number of the letter L in Mary's last name
Where D = 2nd digit of Mary's age at her time of death

KMTA GeoTrail #21: Seward Community Library

GCA0AGP 1.5 | 1.5 | Regular | Mystery | N 60° 06.143 W 149° 26.247
N 60 06.A00 W149 26.BCD

A= the number of bears in the Nichole Feemster mural
BC = the number of metal fish are in the 'streambed', minus 2
D = number of letters in the town name

KMTA GeoTrail #22: Seward - 1964 Earthquake

GCA0BMY 2.5 | 2.0 | Regular | Mystery | N 60° 07.114 W 149° 26.513

Final cache coordinates will be found upon completion of the *Seward - 1964 Earthquake Adventure Lab*.

KMTA GeoTrail #23: Resurrection River Trail

GCA0T4B 2.0 | 3.0 | Regular | Traditional | N 60° 11.878 W 149° 35.319

These caches were hidden in pairing with the KMTA Field Trip Guide. To access the field trip guide, please visit <https://kmtacorridor.org/field-trip-guide/>