



Energy & Geoscience Institute

AT THE UNIVERSITY OF UTAH

Sheared Margins Workshop

Agenda

September 30
and
October 1,
2013

EGI Sheared
Margins
Workshop

Snowbird Resort's
Cliff Lodge
near
Salt Lake City,
Utah, USA



Energy & Geoscience Institute
423 Wakara Way, Suite 300
Salt Lake City, UT 84124
PHONE: (801) 581-5126



Sunday, September 29

18:30

Reception: Creekside Patio (or Magpie Room, Level B)

19:00

Dinner: Golden Cliff Room, Level B

20:00

Dinner Talk by Jean Mascle and Equanate Team:

In situ geological studies of transform margin segments: observations from deep dives along the Guinea and Cote d'Ivoire/Ghana transform margins

Both the Magpie Room and the Golden Cliff Room have direct access to the Creekside Patio. In case of inclement weather, the reception will take place in the Magpie Room.

Monday, September 30

7:30 – 8:15

Breakfast: Golden Cliff Room, Level B

8:15 – 8:30

Welcome & Introductions:
Ballroom 1, Level B

Workshop Format: Presentations begin at 8:30 and will be 20 minutes each. However, we will allow unlimited Q&A discussion to follow each talk. This workshop is intended to facilitate the free flow of information after each presentation, so there will be no constraints on timing of the Q&A portion of the workshop. Session ends at 17:30. After dinner, if the day's agenda has not been completed, we will re-convene in Ballroom 1 to continue the discussions into the evening.

8:30 Workshop Session Start

- Equamarge: the first systematic marine program dedicated to a transform margin segment: a review
Jean Mascle and Christophe Basile
- Continental break-up along strike-slip fault zones; observations from Equatorial Atlantic
Michal Nemčok, Andreas Henk, Richardson Allen, Paul J. Sikora and Charlie Stuart



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Monday, September 30 (continued)

9:50 – 10:00 *Coffee Break*

- Tectonic history of the Romanche fracture zone, its transpressional fold and thrust belts (Equatorial Atlantic margin)
Ian Davison
- Challenges to Petroleum Systems Interpretations across the Equatorial and South Atlantic Margins
William Dickson, Craig F. Schiefelbein, Mark E. Odegard and John E. Zumberge
- Cretaceous fan plays of the African transform margin
Paul Dailly

12:00 – 13:00 *Lunch: Golden Cliff Room, Level B*

- The tectonic evolution of the Deep Ivorian Basin and its Influence on Upper Cretaceous deepwater depositional systems
Danny Addis, Allen Brown, Jim Grant, Paul Kline, John Layman, Keith Mahon and Philip Towle
- Architecture of the western African transform margin at crustal and basin scales: some insights from the sandbox and gravity modelling
Francesca Salvi, Fabrizio Storti, Cristian CavoZZi, Yago Nestola, Pierluigi Bernardelli and Corrado Magistroni

15:00 – 15:15 *Coffee Break*

- Complex shear deformation along the Falklands Transform Margin
Rosemary Edwards, Lindsay Parson and Alan Evans
- Comparison of the structural style and evolutionary processes of the northern and southern strike-slip margins of the Caribbean plate
Paul Mann

18:30 – 20:00 *Reception and Dinner: Aerie Restaurant, Level 10*

20:00 After-dinner session in Ballroom 1 if the day's program is unfinished.

17:30 – 18:30 Wasatch B, Level C

Optional for those interested in a LIVE DEMO

Integrated Continental Oceans Research Data System (iCORDS™)

A new data system to utilize 40 years of global scientific drilling programs.



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Tuesday, October 1

7:30 – 8:30

Breakfast: Magpie Room, Level B

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8:30 Workshop Session Start

Ballroom 1, Level B

- Strain partitioning in a hyper-extended, strongly segmented rift system: insights from the Bay of Biscay-Pyrenean rift system and comparison to present-day mature transform margins
Gianreto Manatschal, Julie Tugend and Emmanuel Masini
- Deformation history of the southern terminus of the Central Atlantic
Samuel Rybár and Michal Nemčok

9:50 – 10:00

Coffee Break

- Slope instabilities and fluid seepage along the French Guiana – Surinam transform margin
Lies Loncke, France Pattier, Walter Roest, Virginie Gaullier, Martin Patriat, Christophe Basile, Agnès Maillard and the IGUANES scientific party
- Structuration and subsidence of the French Guyana hyper-oblique margin
Francois Sapin, Jean-Claude Ringenbach (speaker), Massimo Dall'Asta, Marjolaine Lahmi, Herman Rojas and Melanie Davaux
- The role of shear margins in Arctic Ocean development and the Arctic-Atlantic linkage
Anthony G. Doré, Eric R. Lundin, Elisabeth Bjerkebaek, Torbjørn Dahlgren, Ana D. Gibbons, Bjarne Rafaelsen, Tor O. Somme, Antonina Stupakova, Olaf Thiessen and Bjørn O. Torudbakken

12:00 – 13:00

Lunch Break: Creekside Patio, Level B (or, in case of inclement weather, the Superior Lobby, Level C)



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Tuesday, October 1 (continued)

- Structural styles and evolution of the Andaman Sea
Chris Morley, Kittipong Srisuriyon and Fauzil Fanani
- The East African sheared margin: using key geological tools to unlock a new petroleum province
Louise Martin
- Sheared continental margins in Australia: a legacy of Gondwana breakup and pre-existing crustal-scale heterogeneities
George M. Gibson, George Bernardel, Lisa S. Hall, Chris J. Nicholson, Jennifer M. Totterdell, Andrew R. Stacey and Cameron H. H. Mitchell

14:50 – 15:00 *Coffee Break*

- Rifted continental fragments and petroleum prospectivity of a sheared extensional margin system - the Tasman Sea
Dave Bennett
- Role of breakup localization in micro-continent separation along a strike slip margin: a case study of East India and Elan Bank
Sudipta Sinha, Michal Nemčok, Mainak Choudhuri, Neeraj Sinha and D. Pundarika Rao

Self-organized dinner, on your own.

20:00 After-dinner session in Ballroom 1 if the day's program is unfinished.

The El Chanate for Mexican cuisine is located in the Cliff Lodge on Level A. Other options are The Lodge Bistro for French/American cuisine on the Pool Level at Cliff Lodge, or the Steak Pit located within a short walking distance in the nearby Snowbird Center, Level 1.

Workshop Organizing Committee:

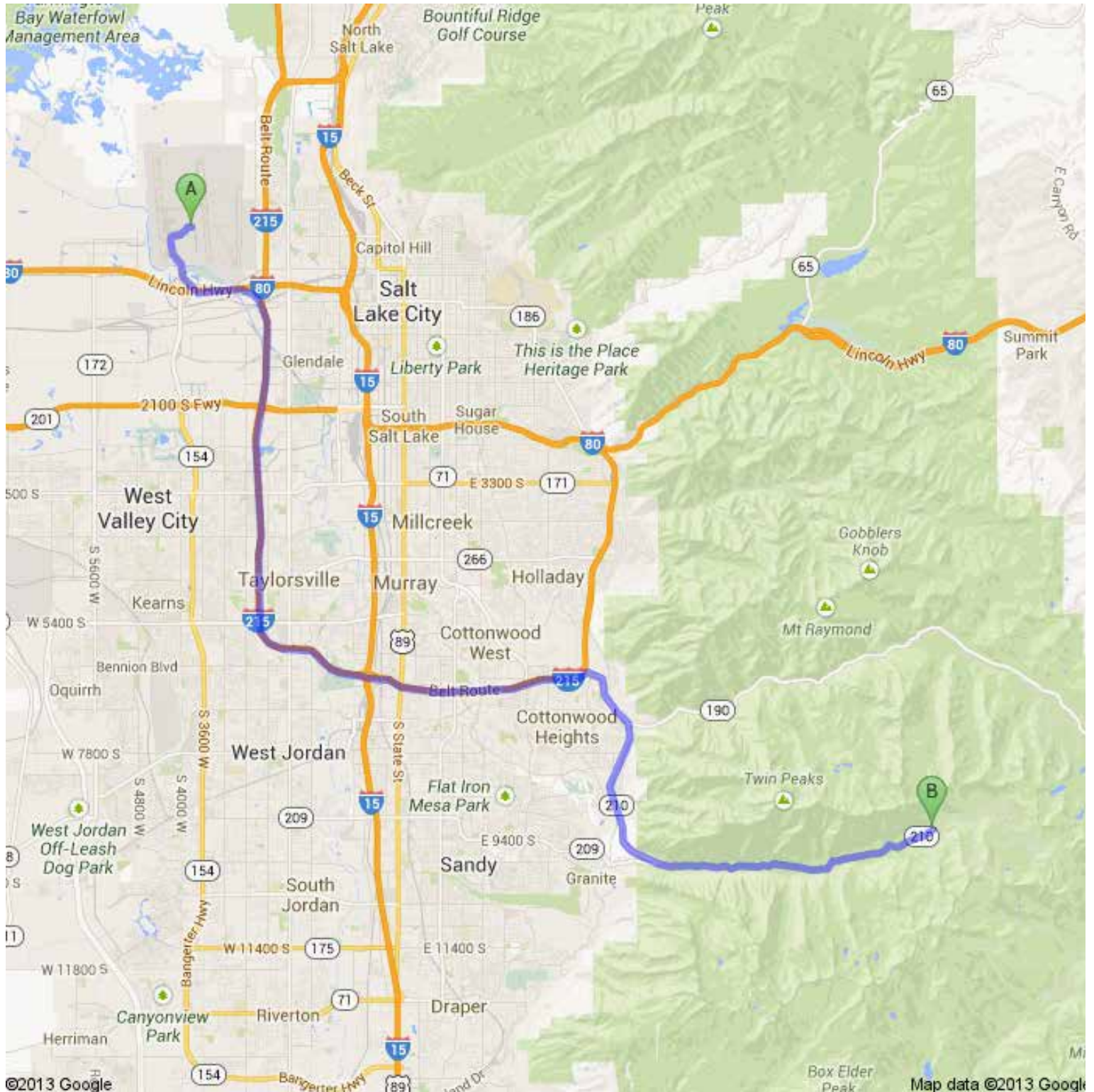
Michal Nemčok (EGI)
Samuel Rybár (EGI)
Stephen Hermeston (White Rose Energy)
Sudipta Sinha (Reliance)
Susan Hudson (EGI)

Workshop Advising Committee:

Ray Levey (EGI)
Tony Doré (Statoil)
Mark Hempton (Shell)
Steven Bell (Casa)
Stuart Lake (Hess)
Jonathan Craig (ENI)

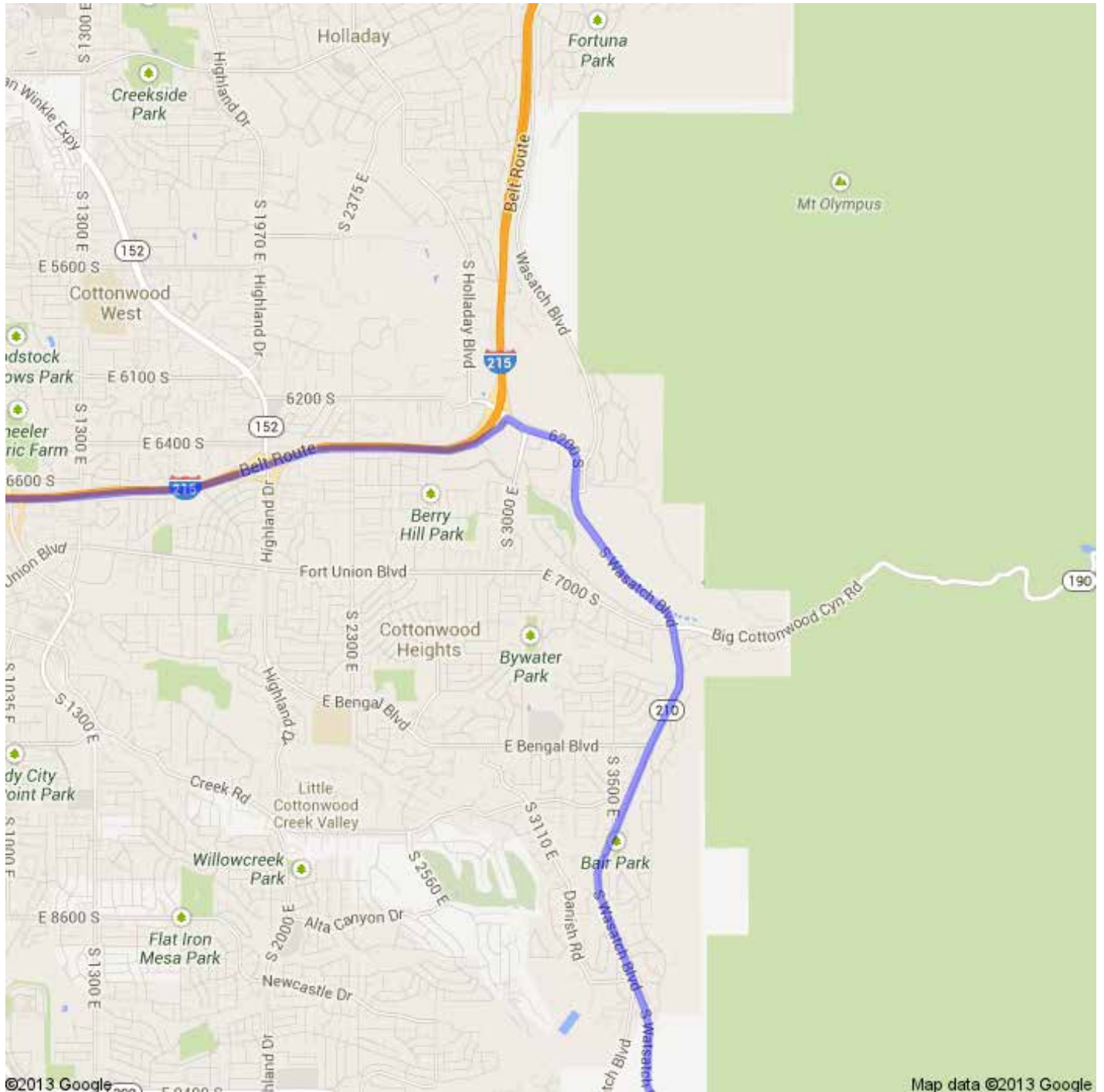
Snowbird is 29 miles (40 minutes) from Salt Lake City International Airport.

From the Airport take I-80 east to I-215 south. Take Exit 6 (6200 South) and go right at the light, toward the mountains. This road will lead you straight to UT-210 and up Little Cottonwood Canyon to Snowbird.



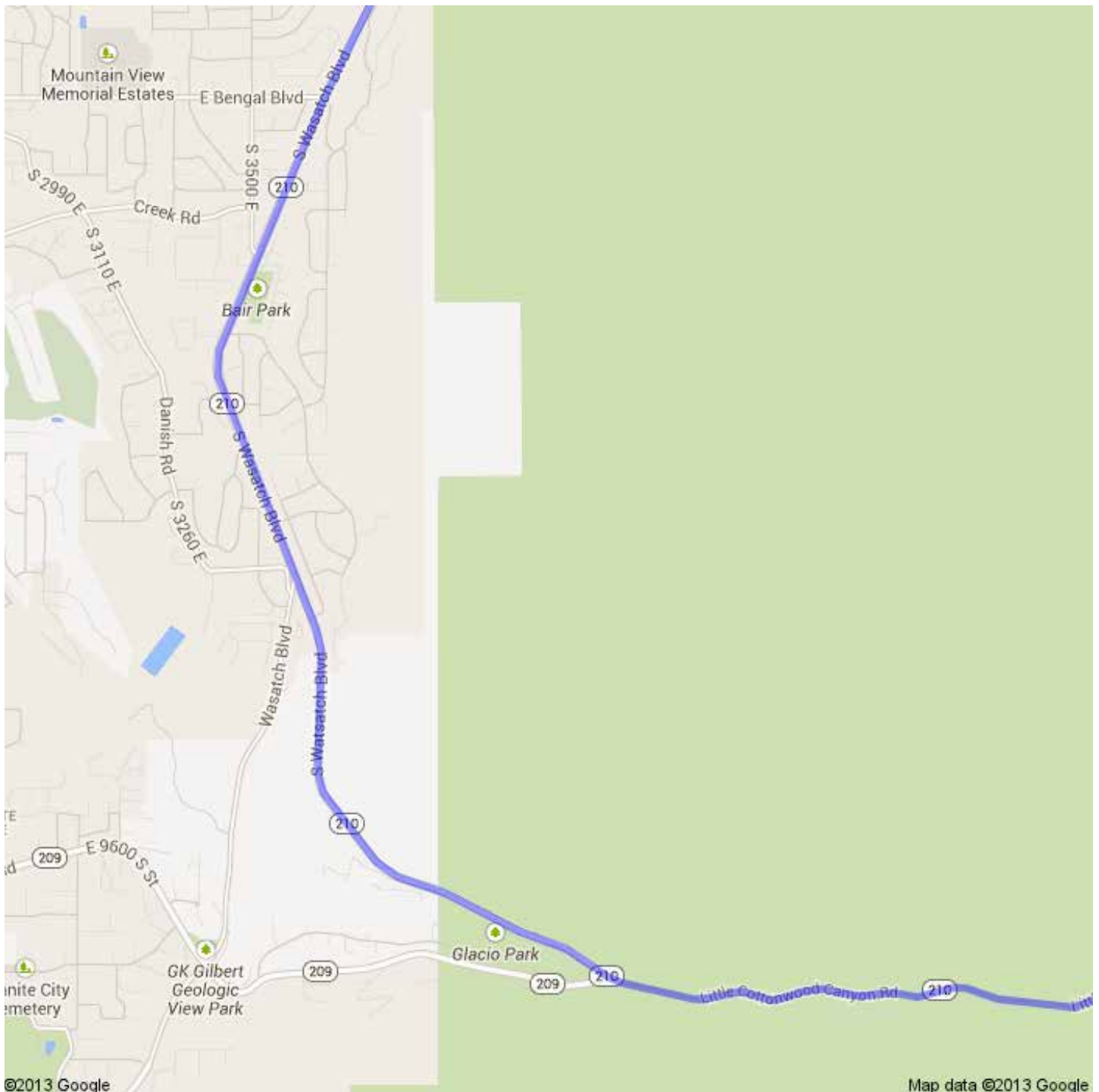
Close Up View: #1

After exiting I-215 and turning right at the light, continue south on Wasatch Blvd./UT-210. At the Big Cottonwood Canyon Road fork, keep right to stay on UT-210.



Close Up View #2:

Continue on UT-210 southward. Keep left at the intersection where the highway departs from Wasatch Blvd. and becomes South Wasatch Blvd./UT-210/Little Cottonwood Canyon Road. It will take you to Snowbird Resort.



Close Up View #3:

At Snowbird take Entry 4 and drive down to Cliff Lodge.

