

SEG U.Laval-INRS-ETE Student Chapter
International Field trip 2017 USA (Arizona-Nevada-Utah)
April 29 to May 14, 2017
(16 days travelling included)

Date	Itinerary	Overnight
28-April Friday	Participants arrive Phoenix Airport Overnight :	Phoenix, AZ
29-April Saturday	7h00: get the rental cars 7h00>11h00: Drive Phoenix > Holbrook (~3hrs50min, 400km) Fill-up gas at Flagstaff or Holbrook (depending on the road we drive) PM: volcano afternoon with Pierre-Simon Ross overnight: motel 6, Holbrook >>> Marjorie	Phoenix, AZ Holbrook, AZ
30-April Sunday	8h00: volcano morning with Pierre-Simon Ross 13h30: depart for Superior (~5hrs, 480 km) Overnight:	Holbrook, AZ Superior
1-May Monday	AM: Drive to Resolution Copper Mine (15 min, 2km) Resolution Copper mine (porphyry Cu), Rio Tinto <u>Contact</u> : Hamish Martin, Hamish.Martin@riotinto.com Overnight:	Superior Tucson
2-May Tuesday	7:00: Drive to Hudbay Minerals head office (45 min, 30 miles) 8:00: Rosemont project (Cu-Mo-Ag porphyry/skarn), Hudbay Minerals <u>Contact</u> : Patrick Merrin, patrick.merrin@hudsonminerals.com; Jerry Bustamante, jerry.bustamante@hudsonminerals.com PM: on the way back, visit the Tubac, art village near Rosemont overnight:	Tucson Safford
3-May Wednesday	Drive to Morenci mine (~1h, 90 km) Morenci mine (porphyry), Freeport-McMoRan <u>Contact</u> : Phil Gyger, chief geologist, pgyger@fmi.com Last confirmation ? Overnight:	Safford Safford
4-May Thursday	AM: Drive to Mineral Park (Cu-Mo porphyry) historical site (~6h, 375 miles) Overnight:	Safford

		Kingman
5-May Friday	<p>AM: Visit to the historical sites Gold Road mine (epithermal) Look for outcrops, interesting sites... Lunch: drive to Las Vegas (~1hrs45, 175 km)</p> <p>Overnight:</p>	Kingman
6-May Saturday	<p>PM: drive to Tonopah (4h, 264 miles)</p> <p>Tonopah: mining museum Late PM: meeting with Mike Ressel: presentation about regional geology</p> <p>overnight: Ask for projector and screen</p>	Las Vegas Las Vegas
7 May Sunday	<p>Drive to Round Mountain mine (~50 min, 85 km)</p> <p>Round Mountain mine (Au-Ag low-sulfidation epithermal), Kinross <u>Contact:</u> Terry Jennings, Principal Geologic Advisor, Terry.Jennings@kinross.com; 775-343-5730 Kelly Cluer, Kelly.Cluer@Kinross.com Ranay Guifarro, tour coordinator, Ranay.Guifarro@Kinross.com</p> <p>PM: drive to Eureka (~3hr30, ?km)</p> <p>Possible overnight:</p>	Tonopah
8 May Monday	<p>Drive to Marigold mine (~1hrs10min, 100 km) Near Valmy, Nevada</p> <p>Marigold mine (Au Carlin), Silver Standard <u>Contact:</u> Jim Carver, Chief Geologist, jcarver@silverstandard.com</p> <p>PM: Drive to Elko (1h30, 72 miles)</p> <p>Possible overnight: same hotel than last night, Elko</p>	Elko, NV Elko, NV
9 May Tuesday	<p>Drive to Cortez mine (~1hrs10min, 120 km)</p> <p>Cortez mine (Au Carlin), Barrick, underground visit <u>Contact:</u> Roger Bond, open pit senior geologist, rbond@barrick.com; 775-397-0229 Ben Parrish, open pit geologist; ben.m.parrish@gmail.com Graeme Stroker, underground geologist, gstroker@barrick.com</p>	Elko, NV Elko, NV

	Possible overnight:	Elko, NV
10-May Wednesday	<p>Drive to Midas mine (~2hrs15min, 150 km) Midas mine epithermal Au-Ag, Klondex mines + Mill tour</p> <p>Positive answer, confirm late february <u>Contact: John Marma, jmarma@klondexmines.com; 775-397-2936</u> Henry Hollman, hollman@klondexmines.com Brian Morris, bmorris@klondexmines.com</p> <p>Drive to Elko (2hrs, 200 km) or Wendover (3hrs30, 375 km)</p>	Elko, NV Wendover UT
11-May Thursday	<p>7:00: Drive to Bingham Canyon mine (from Elko 3h30; from Wendover ~2hrs, 180km)</p> <p>Bingham Canyon mine (Cu porphyry), Rio Tinto Look around for outcrops, panoramas...</p> <p>Salt Lake City to Phoenix (1070 km in 3 days)</p> <p>PM: Drive South direction Phoenix through Grand Canyon, road 15 Geotourist day</p> <p>Possible overnight:</p>	Wendover UT
12-May Friday	<p>Geotourist day Drive South direction Phoenix through Grand Canyon, road 15</p> <p>Possible overnight:</p>	Not determined
13-May Saturday	<p>Geotourist day Drive South direction Phoenix through Grand Canyon, road 15</p> <p>Possible overnight:</p>	Not determined
14- May Sunday	<p>Geotourist day Drive South direction Phoenix through Grand Canyon, road 15</p> <p>Overnight:</p>	Phoenix
15-May Monday	<p>Give the cars back</p> <p>Possibilities to fligh to Montreal at 10h40 or 13h (cheaper)</p>	Phoenix Québec

Contacts:

- Mike Ressel, Assistant Professor-Economic Geologist, mressel@unr.edu, 682-7844
- Jean Cline, Professor Emerita, Department of Geoscience, University of Nevada, Las Vegas, jean.cline@unlv.edu
- Elizabeth Hollingsworth, president SEG student chapter University of Nevada, Reno, hollingsworther@gmail.com

Preliminary budget

Expected expenses

	Unit (CAD)	For 10 people / 16 days (CAD)
Flights both way Montréal-Phoenix	550	5,500
Transport		
Car rental (2 x 7 passenger minivans)	1,800	3,600
Gas	750	1,500
Accommodation	35	5,250
Others including maps, fieldguide books, present for guests		250
Total		16,100

Plan for funding

Institut	Expected funds (CAD)
SEG Stewart R. Wallace Fund	1,500
Society for Geology Applied to Mineral Deposits (SGA)	500
SEG student chapter	
Shortcourse at the Québec Mines conference with Richard Sillitoe	2,000
MDD Student field trip funding Geological Association of Canada (GAC)	500
Prospectors & Developers Association of Canada (PDAC)	1500
Association des étudiantes et des étudiants de Laval inscrits aux études supérieures (AELIÉS)	250
Association des étudiants en Sciences et Génie de l'Université Laval (AESGUL)	250
Bureau de la Vie Étudiante Université Laval	400
INRS	600
Divex	1,000
e4m	500
Les Offices Jeunesse Internationaux du Québec (LOGIQ) (500/étudiant)	5000
Industry sponsorship	2,100
Total	16,100

In case of missing funding, the group will consider organising rise funding events.