



## Ronald E. Seavoy SEG Foundation Student Field Trip Program

### Tertiary Volcanic-Hosted Epithermal Precious Metal Deposits of the Walker Lane Trend, SW Nevada, USA

**SEGF-2023**

September 23-30, 2023

Itinerary (subject to change)

<b>Date</b>	<b>Itinerary</b>	<b>Overnight</b>
<u>23-September Saturday</u>	2:00 PM Participants arrive Las Vegas ( <b>LAS</b> ) Airport.  Everyone take (free) Car Rental Shuttle to <b>Rent-A-Car Center</b> . Everyone muster with SEG Group in lobby of Rent-A-Car Center.  2:30 PM Board SEG buses for travel to Tonopah, NV, 221 mi (approx. 3½ hrs.)  <b>6:00 PM</b> <b>Mandatory Safety and Logistics Meeting for All Participants</b>  8:00 PM <u>Evening Lecture</u> : Introduction to Field Trip participants and Syllabus  <u>Lodging:</u> Best Western Hi-Desert Inn Tel. 775 482 3511 <u>Tonopah</u> 320 S. Main St, Highways 6 & 95, Tonopah, NV	
<u>24-September Sunday</u>	7:30 AM Site visits to <u>Paradise Peak</u> (Arimetco) and <u>Davis</u> (Almadex), 75 mi. 1.5 hr  Brownfield exploration in historic district, low-sulfidation epithermal mineralization and applied geochemical exploration techniques.  <u>Contact:</u> Morgan Poliquin – Pres & CEO, Almaden Minerals  5:00 PM Return to Tonopah  <u>Lodging:</u> Best Western Hi-Desert Inn Tel. 775 482 3511 <u>Tonopah</u> 320 S. Main St, Highways 6 & 95, Tonopah, NV	
<u>25-September Monday</u>	7:00 AM Depart for <u>Round Mountain Mine</u> (Kinross Gold Corp.), ±60 mi  Discuss geological setting, mineralization and ore types, mining method geotech and hydrogeology, metallurgical processes, reclamation and remediation.  <u>Contact:</u> Dylan Baldwin – Exploration Mgr., Round Mtn Gold Corp./Kinross  5:00 PM Return to Tonopah  <u>Evening Lecture</u> : Ore Resources and Reserves at Round Mountain  <u>Lodging:</u> Best Western Hi-Desert Inn Tel. 775 482 3511 <u>Tonopah</u> 320 S. Main St, Highways 6 & 95, Tonopah, NV	

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26 September <u>Tuesday</u>	7:00 AM  Bus to <u>Tonopah project</u> (Viva Gold), ±20 mi  Visit north Tonopah “Midway” district low-sulfidation (LS) systems. Discuss exploration beneath pediment, LS epithermal ore deposits, mineralization, and deposit models and applied geochemistry; building and maintaining a project database.  <u>Contacts:</u> James Hesketh – CEO, Viva Gold Corp. Ed Bryant – Consulting Geologist  6:00 PM Return Tonopah, NV  <u>Evening Lecture:</u> TBD  <u>Lodging:</u> Best Western Hi-Desert Inn      Tel. 775 482 3511 <u>Tonopah</u> 320 S. Main St, Highways 6 & 95, Tonopah, NV	
27-September <u>Wednesday</u>	7:00 AM  Visit <u>Goldfield District</u> (Centerra), ±95 mi, 1.5 hr  Active “brown” and “greenfield” exploration in a historic district. Discuss caldera setting; alteration and mineralogy of a high-sulfidation (HS) precious metals occurrence. {possible genetic relationship to deep-seated Cu-Mo porphyry?  <u>Contact:</u> Jeff Geier, Exploration Mgr. US, Centerra  5:00 PM Beatty  <u>Lodging:</u> Death Valley Inn      Tel. 775 553 9400 <u>Beatty</u> 651 US Hiway 95, Beatty NV	
28-September <u>Thursday</u>	7:00 AM  Visit <u>North and South Beatty</u> (Bullfrog; AngloGoldAshanti)  The importance of low-angle detachment faulting as ore controls, volcanic history and stratigraphy  <u>Contact:</u> Wayne Chancellor, VP & Gen’l Counsel, AngloGold Ashanti Jeff Pontius - Discoverer  5:00 PM Return to Beatty  <u>Evening Exercise:</u> Economics of open pit vs underground mining  <u>Lodging:</u> Death Valley Inn      Tel. 775 553 9400 <u>Beatty</u> 651 US Hiway 95, Beatty NV	
29-September <u>Friday</u>	6:30 AM  Visit historic <u>Bullfrog District</u> (Augusta Gold)  Example of hypogene oxidation of LS mineralization and development of Au+hematite+chrysocolla in low-angle faults; multi-generation qtz-amethyst breccias; remediation at Bond Gold Bullfrog (Barrick)  <u>Contact:</u> TBD  5:00 PM Travel to Pahrump, NV, 73 mi  6:00 PM Closing dinner and Certificates  <u>Lodging:</u> Best Western Pahrump Oasis      Tel. 775.727.5100 <u>Pahrump</u> 1101 NV Hiway 160, Pahrump, NV	

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30-September <u>Saturday</u>	7:00 AM  11:00 AM	<b>EARLY MORNING DEPARTURE TO LAS</b> (60 mi; 1 hr)  Participants <b>MUST NOT</b> book flight departures <u>EARLIER than 11:00 AM</u>  Depart <b>LAS</b>