

SEG FOUNDATION STUDENT FIELD TRIP 13
ARCHEAN BASE AND PRECIOUS METAL DEPOSITS, SOUTHERN ABITIBI GREENSTONE BELT, CANADA
SEPTEMBER 3 – 11, 2014

– Preliminary Itinerary –

Date	Overnight
03 Sep Wednesday	<p>Prior to 5:00 PM: All Participants arrive at Timmins Super 8 Motel</p> <p>7:15 PM: McIntyre Centre, City of Timmins (5 minute walk from hotel) <u>Required Safety and Logistics Meeting for all participants</u></p> <p>8:00 PM: <u>Evening Discussions</u>, McIntyre Centre</p> <ul style="list-style-type: none">• Overview of Southern Abitibi Greenstone Belt Geology and Metallogeny (Leaders)• Overview of Goldcorp's Dome Mine (Erick Bar, Goldcorp) <p><u>Lodging:</u> Timmins Super 8 Motel Timmins, ON 730 Algonquin Blvd East, Hwy 101 & 655, Tel: 705.268.7171; 1.800.454.321 super8@ntl.sympatico.ca</p>
04 Sep Thursday	<p>7:00 AM: Dome Mine: Underground tour – type example of a world-class, Archean, orogenic quartz-carbonate gold deposit</p> <p>Contact: <u>Erik Barr</u>, Senior Underground Geologist – Erik.Barr@goldcorp.com Dome Mine, P.O. Box 70 Tel: 705.235.3221 ext. 2013 4315 Gold Mine Road South Porcupine, ON P4R 1H7</p> <p>1:30 PM: Visit key area outcrops typical of Archean greenstone belt stratigraphy</p> <p>Contacts: <u>B. Atkinson</u>, Regional Resident Geologist – brian.atkinson@ontario.ca Ontario Geological Survey, Timmins, ON Tel: 705.235.1619 <u>S. Préfontaine</u>, Precambrian Geoscientist – sonia.prefontaine@ontario.ca Ontario Geological Survey, Sudbury, ON Tel: 705.670.5587</p> <p><u>Evening Discussion:</u> Overview of Glencore's Kidd Creek Mine (Tom Gemmell, Glencore)</p> <p><u>Lodging:</u> Timmins Super 8 Motel Timmins, ON</p>
05 Sep Friday	<p>7:30 AM: Kidd Creek Mine: Underground tour and core review; largest known Archean volcanogenic massive sulfide deposit</p> <p>Contacts: <u>Thomas Gemmell</u> – Tom.Gemmell@glencore-ca.com Geology Department, Glencore Kidd Operations Tel: 705.264.5200 11335 Highway 655 North, P.O. B-2002 Stn Main, Timmins, ON P4N 7K1</p> <p><u>Pete Calloway</u> – Peter.Calloway@glencore-ca.com Mine Geologist, Glencore Kidd Mine Tel: 705.264.5200 x8865 11335 Highway 655 North, P.O. B-2002 Stn Main, Timmins, ON P4N 7K1</p> <p><u>Lodging:</u> Motel Alpin Noranda, QC 260, Boulevard Rideau – info@hotelalpin.ca Tel: 819.762.0991 or Tel: 1.800.567.6423 (Quebec and Ontario)</p>

Date		Overnight
06 Sep Saturday	<p>8:00 AM: Larder Lake – Cadillac break: Examine key outcrops of ore-bearing units and structures</p> <p>Contact: <u>K. Howard Poulsen</u>, Senior Consultant – howardpoulsen@gmail.com 34 Wallford Way Nepean, ON K2E 6B6 Tel: 613.322.0148</p>	
07 Sep Sunday	<p>8:00 AM: Noranda Mining Camp: Surface tour, including Horne West and Amulet; examine key features of VMS deposits and historic perspective on mining</p> <p>Contact: <u>Harold L. Gibson</u> – hgibson@laurentian.ca Professor of Volcanology and Ore Deposits Tel: 705.675.1151 ext. 2371 Mineral Exploration Research Centre, Department of Earth Sciences Laurentian University 935 Ramsey Lake Road, Sudbury, ON P3E 2C6</p> <p><u>J. Goutier</u> – jean.goutier@mrnf.gouv.qc.ca Senior Regional Geologist, Ministère des Ressources Naturelles 70, Avenue Québec, Rouyn-Noranda, QC J9X 6R1 Tel: 819.763.3388 ext. 301</p>	
08 Sep Monday	<p>8:00 AM: District geology review, surface tour, and drill core review, LaRonde Penna world-class Archean Au-rich VMS deposit</p> <p>Contact: <u>François Blanchet</u> – francois.blanchet@agnico-eagle.com Geology Superintendent Tel: 819.759.3700 ext. 5230 Agnico-Eagle Mines Ltd., Division LaRonde 10 200, Route de Preissac Rouyn-Noranda, QC JOY 1C0</p>	
09 Sep Tuesday	<p>8:00 AM: Underground tour and drill core review, Lapa gold mine; example of a deposit located within the Larder Lake-Cadillac fault zone; examine key features, ore controls, alteration and mineralization</p> <p>Contact: <u>Richard Dubuc</u>, Geology Superintendent – richard.dubuc@agnico-eagle.com <u>Jocelyn Côté</u>, Senior Exploration Geologist – jocelyn.cote@agnico-eagle.com Agnico-Eagle Mines Ltd., Division Lapa Tel: 819.735.3034</p>	

Date	Overnight
10 Sep Wednesday	<p data-bbox="342 243 1468 344">8:30 AM: Canadian Malartic Mine; tour open pit, review drill core and mineral processing and economics of mining/processing of a large-tonnage, low-grade Archean gold deposit; overview of socio-economic impact of mining in a populated area</p> <p data-bbox="342 365 1468 428">Contact: Donald Gervais – dgervais@osisko.com Technical Services Manager Tel: 819.757.2225 ext. 2701</p> <p data-bbox="451 449 1468 625">S. De Souza – sdesouza@RNCan.gc.ca Visiting Fellow, Tel: 418.654.3172 Natural Resources Canada, Geological Survey of Canada 490 de la Couronne, Québec, QC G1K 9A9</p> <p data-bbox="342 667 1468 730">6:00 PM: Closing Dinner hosted by SEG Foundation Presentation of Certificates to Participants</p> <p data-bbox="342 772 1468 802"><u>Lodging:</u> Motel Alpin Noranda, QC</p>

11 Sep Thursday	<p data-bbox="342 846 1464 947">8:00 AM: Field Trip ends. Participants may plan to depart from Rouyn-Noranda airport, or ride with the bus the 3 to 3.5 hours back to Timmins airport for departure there.</p> <p data-bbox="342 989 1464 1081">12:00 PM: Bus arrival into Timmins. Departure flights from Timmins should be scheduled for afternoon departure to allow for bus ride and check-in.</p>
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Leaders:	<p data-bbox="342 1272 678 1478">Dr. Benoît Dubé Geological Survey of Canada 490 rue de la Couronne Quebec, Canada, G1K9A9 Tel: 418.654.2669 bdube@nrcan.gc.ca</p>	<p data-bbox="915 1272 1256 1478">Dr. Patrick Mercier-Langevin Geological Survey of Canada 490 rue de la Couronne Quebec, Canada, G1K9A9 Tel: 418.654.3101 pmercier@nrcan.gc.ca</p>
Co-Leaders:	<p data-bbox="342 1520 699 1688">K. Howard Poulsen 34 Wallford Way Nepean, ON, Canada K2E 6B6 Tel: 613.322.0148 howardpoulsen@gmail.com</p>	