



Society for
Mining, Metallurgy
& Exploration®

Washington DC Section

The Washington DC Section of SME proudly presents

Andrew Taplin – The Resolution Project

The Resolution copper deposit is a world-class, porphyry copper deposit located near Superior, Arizona. The ore body occurs about 7,000 feet underground and is estimated to be two-billion tons averaging 1.52% copper with 0.035% molybdenum. In production, the underground mine will produce over one billion pounds of copper annually with an expected mine life of 40 years. The ore body will be mined using the panel caving method with the ore crushed underground. A subsurface transport system that utilizes a combination of LHD vehicles, rail, and belt conveyors delivering the crushed ore to a surface concentrator. Nominal production rate will be 132,000 tons per day with an estimated capital investment of \$6 billion. Mining will face numerous technological challenges, e.g. underground temperatures exceeding 170° F.

Date: Tuesday - September 8, 2015
Time: Social Hour 11:30 - 11:50 am
Section Business/Luncheon 12:00 - 1:30 pm
Location: Clyde's Restaurant at Tyson's Corner
8332 Leesburg Pike, Vienna, VA 22182
Choice: Roasted Chicken, Salmon, or Vegetarian Ravioli
Cost: \$27 for DC Section Members; \$32 for guests
RSVP: Please reply by email to George K. Schuler at
gkschuler@verizon.net by noon September 4, 2015



About the Speaker

Andrew Taplin is the Project Director for Resolution Copper. Andrew has been with Rio Tinto since 1993 and has worked in various leadership roles in port, rail, and mine operations in Australia, Canada and West Africa. Before assuming his current responsibilities, Andrew served as Chief Integration Officer for the Simandou iron ore project in Guinea, West Africa. There, he was responsible for the integration of in-country operations, studies, engineering, permitting, approvals and communications.. He holds a bachelor's degree in Mechanical Engineering from Swinburne University and an MBA from Deakin University Australia.