

WORLD CLASS BC

A SPECIAL INFORMATION SUPPLEMENT



Rodney Hughes and Marianne Nguyen collecting groundwater levels at the KSM gold-copper project in Northwestern BC. Photo: Marianne Nguyen/Rescan, Courtesy of AME BC www.amebc.ca

Exploring Today for Tomorrow's Resources

Mineral Exploration Roundup 2011 opens today. It's an event you won't want to miss!

Now in its 28th year, Roundup is the world's premier technical exploration conference, bringing together, under one roof, members of the mineral exploration and mining community from British Columbia and around the world. Join us to learn from, and about, the best and the brightest people, prospects and practices in our industry.

This year's conference theme is "Exploring Today for Tomorrow's Resources," so make time to stake out your claim in the Trade Show, Core Shack, and Prospectors' and Map tents, as well as at one of our infamous social events.

Year after year, Roundup has provided an outstanding opportunity to network, connect, and learn. We hope you join us this year!

MINERAL EXPLORATION WEEK

January 23 to 29, 2011 is Mineral Exploration Week in British Columbia, where we celebrate the essential contribution prospectors and mineral exploration

companies make to the economy and people of British Columbia.

Prospectors and companies explored throughout BC for more minerals, metals and coal to meet steadily growing global demands.

EXPLORING TODAY FOR MINERALS USED EVERY DAY

More than 850 companies and 2000 individuals in BC are searching at home and around the world for elements and minerals we find in many items and products we use every day.

- » Entertainment products use barite, lead and indium and many more elements and minerals.
- » Our homes are built using clay, gypsum, limestone, sand and gravel.
- » Sports equipment requires graphite, aluminum and titanium.
- » Vitamins contain Iron and calcium and other essential elements.
- » Batteries require nickel.
- » Fertilizers are made from phosphate, nitrogen, sulphur and potash.
- » Surgical instruments require stainless steel.
- » Whether you drive or take transit, vehicles require steel, copper, zinc, barium and graphite.

» If you ride, your bike may be made of titanium, aluminum or chromium-molybdenum steel. Travelling further? Turbine engines use cobalt.

» Sunscreen and medical ointments use zinc.

» And jewellery is made from gold, silver, diamonds and other precious metals and stones.

A MINERAL EXPLORER'S PRIMER TO SKIING AND SNOWBOARDING

A great winter for skiing and boarding, and a great winter for commodities. Coincidence? Perhaps not.

Ski and snowboard bases use aluminum, titanium, carbon fibre, and boron fibre. The edging protects the board from damage and holds the core, base, and topsheet together. Tungsten alloy balance weights help steady the ride. Bindings are made of iron and aluminum.

Boots use a variety of minerals in addition to steel. Advanced ceramics used in making boots and contain composites that include aluminum oxide, clay, hydroxyapatite, lead zirconate titanate, lithium, silica, silicon carbide, tin oxide, titanium dioxide, yttria-stabilized zirconia, and zirconium diboride.

Poles have aluminum or carbon-graphite shafts and tungsten carbide tips.

Snow and ice making and grooming equipment have specialized parts made of aluminum, copper, steel, and other metals. Even if natural snow is used, steel alloys are essential to get skiers and boarders up the hill. Steel is used in ski lift towers, cables, and chairs.

Controlling such sophisticated equipment requires a host of minerals. Electronic devices require minerals such as gold, copper, aluminum, steel, lithium, tungsten, chromium, titanium, silver, cobalt, nickel, germanium, tin, lead, tantalum, zinc, and silicon (silica and carbon).

However you get down the slope, metals get you down faster and safer!

A CAREER IN MINING

DID YOU KNOW?

- » 7,500 workers are needed in BC's mineral exploration and mining sector over the next 10 years.
- » Salaries and benefits in mining average \$110,800 per year.
- » There are more than 120 different careers in mining: in engineering, business, geology, and science, as well as in a variety of trades.

Visit www.acareerinmining.ca to find out more.



MINERAL EXPLORATION ROUNDUP 2011 EXPLORING TODAY FOR TOMORROW'S RESOURCES

The World's Premier Technical Mineral Exploration Conference

January 24 - 27, 2011
Vancouver, BC
The Westin Bayshore

www.amebc.ca/roundup

**LEARN FROM INDUSTRY PEERS ABOUT NEW PRACTICES,
PROJECT UPDATES, AND THE OUTLOOK FOR 2011**

CHECK OUT OUR CORE SHACK, MAP TENT, PROSPECTORS' TENT, TRADE SHOW AND TECHNICAL SESSIONS
(featuring our Commodity Review Session on Thursday afternoon, January 27)

Register for as little as \$90+HST (Students \$25+HST)

MINERAL EXPLORATION
2011
AME_{BC} ROUNDUP