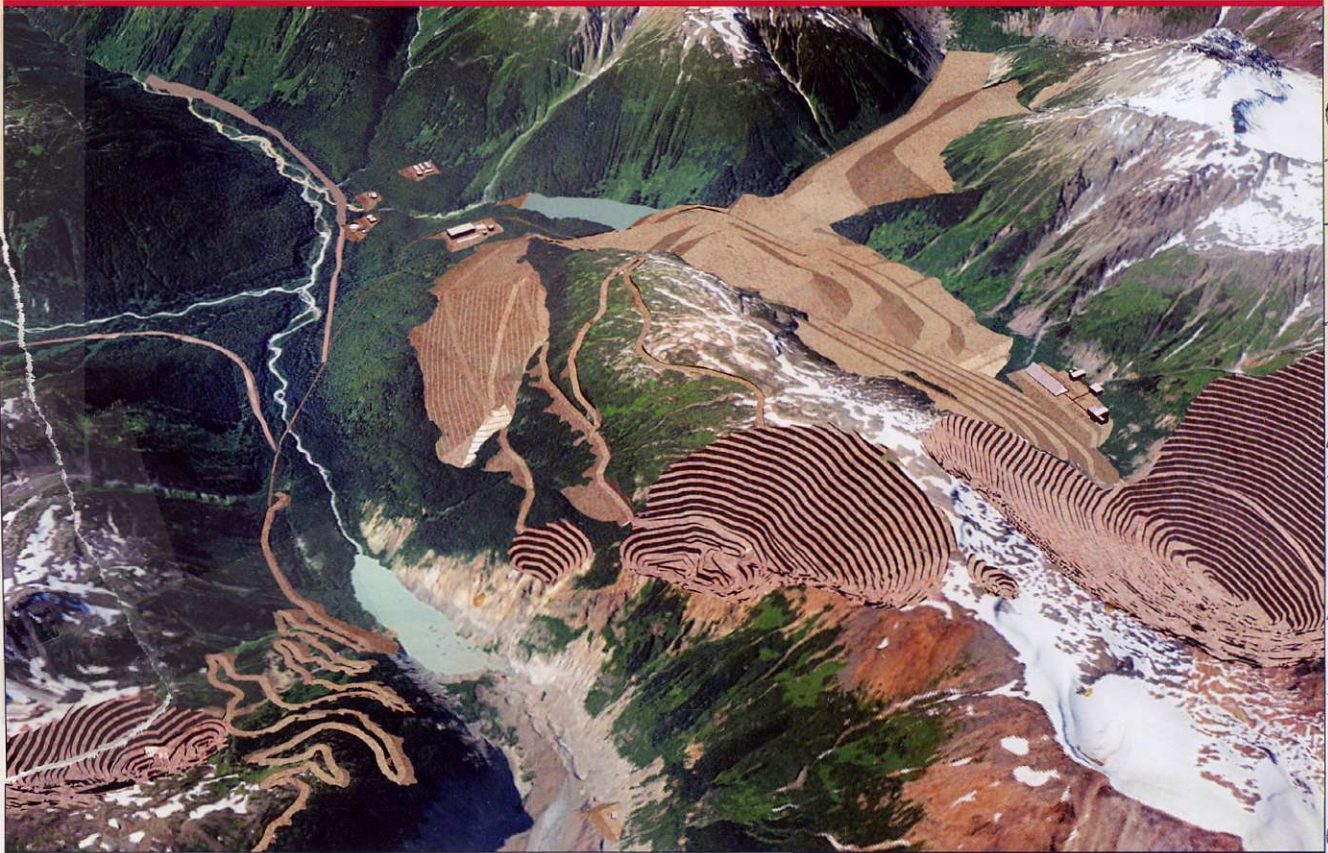


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KSM: CANADA'S LARGEST EVER GOLD-COPPER PROJECT

*Granddad
was a principal*



KSM after 30 years of mining (artist's concept)

- Contains four major zones including Mitchell, the largest gold deposit ever discovered in Canada.
- Hosts 30.2 million ounces of proven and probable gold reserves plus 7.0 billion pounds of copper, 133 million ounces of silver and 210 million pounds of molybdenum.
- Will average about 650,000 ounces of gold and 160 million pounds of copper production every year for more than 37 years.
- Will drive the economic development of Northwestern British Columbia, generating thousands of jobs and billions in tax revenues.
- KSM project is 100% owned by Seabridge Gold, a Canadian resource company.

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*in this endeavor
discovered several
deposits especially
the huge Mitchell
zone - previously
called Kirtchan
Zone - name
changed by
Granddad*

*- a bit of history
about your
Granddad*

p. 63



2010 B.C. exploration and mining review

ENGINES OF GROWTH

BY DAVE GRIEVE, DAVE LEFEBURE, BRUCE MADU, BRUCE NORTHCOTE AND PAUL WOJDAK

British Columbia's mining industry continued to perform well through the 2008-09 recession and is helping lead the province's economic recovery.

The total value of solid mineral commodity shipments from properties in B.C. in 2007, 2008 and 2009 was estimated at \$5.6 billion, \$7.4 billion and \$5.7 billion, respectively. As has been the case for several decades, coal and copper contributed the most value. Coal, roughly 90 per cent of it metallurgical, accounted for more than half the total value. At the time of writing, one could characterize 2010 by attractive to very high commodity prices and continuing production at most major mines. We expect gross mining revenue to exceed 2009 levels.

A long history of effective exploration and development of our natural resources forms part of the foundation of the current mining sector's success. If recent exploration expenditures are an indication, B.C.'s mining industry will remain an economic leader. Expenditures for 2007, 2008 and 2009 are estimated at \$166 million, \$367 million and \$154 million. Early estimates suggest 2010 exploration spending in the province will be between \$220 million and \$300 million, a substantial recovery over 2009 levels. At Copper Mountain, New Afton and Mt. Milligan, bulk-tonnage copper-gold mines under construction and expansion is underway or proposed at other major mines. The Willow Creek coal and gold mine resumed operations in 2010. Several other mining projects at various stages of the environmental assessment process and several exploration licenses, mineral certificates or other permits.

TRENDS

Some trends in 2010 that have been noted by the province's regional geologists:

- > There are a larger number of active projects compared to 2009, particularly in the northwest.
- > Copper-gold porphyries continue to receive much of the exploration and development funding, with an increased interest in deep exploration drilling at some projects, such as Mt. Milligan.
- > There has been a resurgence of grass-roots work, including a significant presence of major companies.
- > Two large coal exploration projects, Bingay Creek (Centerpoint Resources) and Murray River (Canadian Dehua International Mines Group), were backed by companies with Chinese investors.
- > The multi-year resurgence of the northeast coal fields continues with significant exploration projects and the re-opening of Western Coal's Willow Creek coal mine.
- > Gold projects have benefitted from record prices, notwithstanding the difficulty many junior explorers find in raising funds.
- > Molybdenum exploration activity is down from 2007-08 peak levels, but there are individual properties forging ahead.

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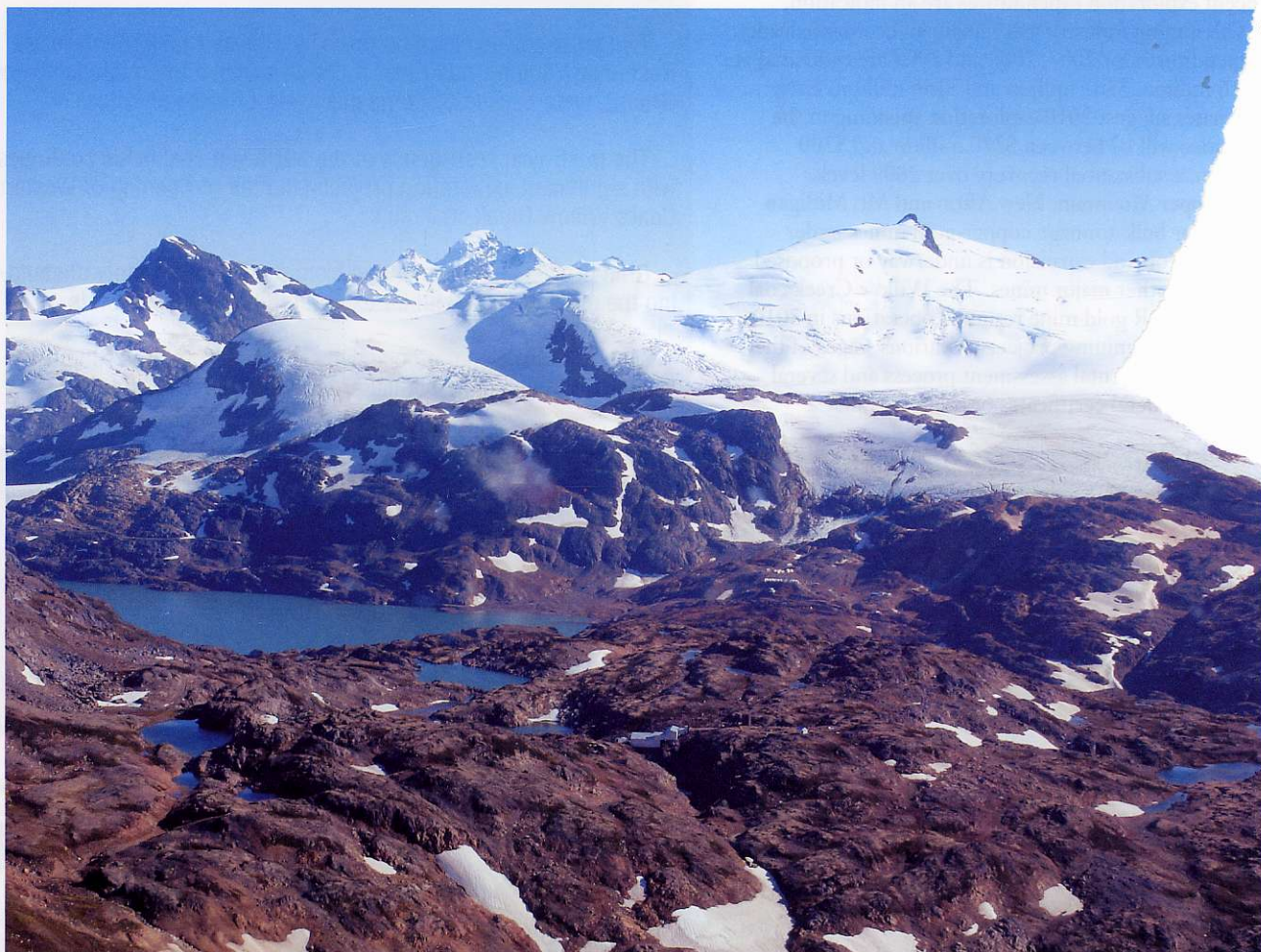


Regional Overviews

The following is a region-by-region overview of exploration activity around the province in 2010. The northeast region description is incomplete for 2010 due to a regional geologist vacancy in Prince George.

Northwest Region

TEXT AND PHOTOS BY PAUL WOJDAK, M.Sc., P.GEO.



The spectacular setting of the Brucejack project; the Shore, Galena Hill and Bridge zones are located near the drill camp, up-slope and south (right) of Brucejack Lake.

Northwestern B.C. is experiencing a very high level of activity spurred by recent discoveries and preparations to build the Northern Transmission Line. There were more than 50 drilling projects. Many of these have several rigs: five at Red Chris and Brucejack, and four each at Snowfield, KSM and Silvertip. Gold and copper are the metals most sought

after, especially as porphyry deposits, but silver, molybdenum and zinc are also being targeted.

Porphyry Copper-(Gold-Molybdenum)
Imperial Metals Corporation continues its deep drilling program on the Red Chris porphyry copper-gold deposit and expects to surpass 50,000 metres.

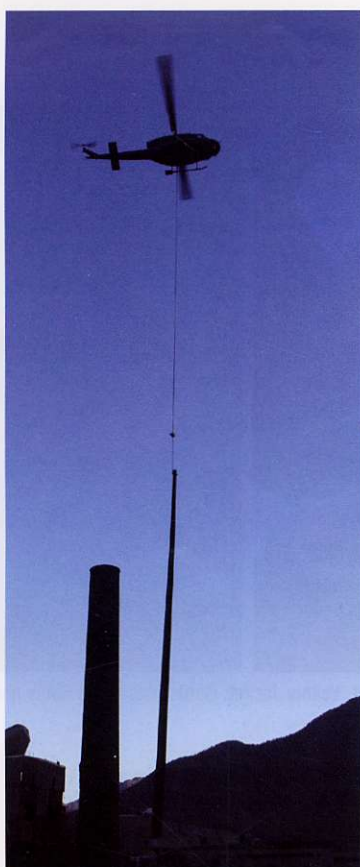
Major programs were conducted in the Sulphurets district by Silver Standard Resources Inc. at Brucejack and Snowfield and by Seabridge Gold Inc. at the KSM project; the two companies share the 3.5 billion tonne Mitchell-Snowfield gold-copper deposit. Seabridge focused on Iron Cap immediately north of Mitchell. Silver Standard devoted most of its



Top: Diamond drill, snow and ice at the Bridge zone of the Brucejack project. Above: Iron Cap zone of the KSM project; careful examination reveals three drills at work.

51,000-metre program to the south at Brucejack which comprises structurally controlled gold zones in high-level porphyry to epithermal setting. Broad zones of disseminated gold were intersected (e.g. 0.85 grades per tonne gold over 243 metres) as well as bonanza veins (2490 g/t gold and 1135 g/t silver over 1.59 m).

Among other copper-(gold-molybdenum) porphyry projects, geotechnical and related mine design work predominated at the Galore and Schaft Creek projects. Interesting results were returned from early-stage drilling at Trek (by Romios Gold Resources Inc.), at Glenora King (by Strategic Metals Ltd.) and the High Gold project by Argonaut Resources Inc. Teck Resources Limited acquired the GJ prospect in the Kinaskan (Red Chris) district and began an extensive induced polarization (IP) survey late in the season. Mine site exploration at Huckleberry added substantially to ore resources and likely will lead to a longer mine life. Xstrata Copper Canada Ltd. began drilling at Bell Copper, where a deep copper resource was known when the mine closed 18 years ago.



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Left to right: Core logging facilities on the High Gold project. Yellow Jacket: Geologists Fiona Katay and Chris Gallagher study gold mineralization and structural geology of freshly stripped bedrock.

Precious Metals

Precious metal projects comprise a broad array of deposit types throughout the region. Silvercorp Metals Inc., a new player in B.C., acquired the Silvertip manto deposit with the intent to develop its high-grade silver

resource. Placer mining in the Atlin district rediscovered an historic shaft in high-grade gold mineralization on the Yellow Jacket project of Eagle Plains Resources Ltd. Drilling along trend will provide detailed information to mine a shallow open pit in

2011. Also near Atlin, BCGold Corp. conducted underground drilling on the Engineer epithermal gold project.

In the Iskut-Stewart gold camp, Skyline Gold Corp pursued its 2009 gold shear vein discovery adjacent to its Bronson gold-copper deposit and Snip mine, a past-producing high-grade gold mine. Bravo Venture Group Inc. drilled to expand the Homestake Ridge gold-silver deposit and Ascot Resources Ltd. intersected gold of significant grade and width on the Big Missouri-Dilworth property.

At Bonsai, near the former Eskay Creek mine, Copper Creek Gold Corp. drilled geophysical targets for the Eskay ore horizon. At Dome Mountain near Smithers, Metal Mountain Resources Inc. drilled to augment ore reserves and prepared to restart the underground gold mine.

At Coles Creek, south of Huckleberry mine, Callinan Mines Ltd. discovered an epithermal gold zone with an intercept of 3.36 g/t gold over 21.25 m. Other drill programs in the Stewart, Smithers and Terrace areas include Clone (Teuton Resources Corp.), Bear (Auramex Resources Ltd.), Silver Coin (Jayden Resources Inc.), Silver Queen (New Nadina Explorations Ltd.), Kalum (Windstorm Resources Inc.) and Maroon (WCB Resources Ltd.).

Massive Sulphide

Among massive sulphide projects, Capstone Mining Corp. enjoyed considerable success drilling a deep



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Kitsault: Geologists Bob Blair, Steve Maynard and Chris Atkins examine molybdenite mineralization at the Roundy Creek zone.

ore lens at Kutcho Creek. The highest grade intercept was 10.3 per cent copper, 19.8 per cent zinc, 2.9 g/t gold and 666 g/t silver across 11.2 m; a revised resource estimate and pre-feasibility study are underway. Castle Resources Inc. began a 10,000-metre drilling program to bring the copper resource at the former Granduc mine to the current standard. At the BA project near Stewart, Great Bear Resources Ltd. completed more than 15,000 metres of drilling on a bedded silver-lead-zinc horizon. Prospecting by Paget Minerals Corp. on the Chist Creek project near Terrace returned high gold and silver assays from a new zone of volcanogenic mineralization.

Porphyry Molybdenum

An aggressive program at the former Kitsault mine by Avanti Mining Inc. is the major exception to a reduced level of exploration for molybdenum. However, a \$500-million expansion of the Endako mine underscores a strengthening molybdenum market. Bard Ventures Ltd. renewed drilling on its promising Lone Pine prospect near Smithers and two small drill programs were completed near Cassiar, one by Velocity Minerals Ltd. and the other by Columbia Yukon Explorations Inc. □

Northcentral Region

TEXT AND PHOTOS BY PAUL WOJDAK, M.Sc., P.GEO.

The focus of an exciting season of mineral exploration in north-central B.C. was gold in the Nechako Plateau south of Vanderhoof and copper-gold in the Quesnel Terrane northward from Prince George. Also, significant efforts were devoted to rare metals and to lead-zinc in the Rocky Mountains, and to a new style of nickel deposit north of Fort St. James.

Precious Metals

Richfield Ventures Corp. expanded the Blackwater-Davidson epithermal gold prospect 100 kilometres south of Vanderhoof with intercepts such as 1.25 g/t gold over 361 m. The company improved its access road to facilitate installation of a trailer camp and is now set for year-round work. Nearby, Silver Quest Resources Ltd. also enjoyed success in drilling the Capoose silver-gold deposit. Junior explorers rushed to stake ground in the rapidly emerging Nechako gold district that extends 140 kilometres south to the Newton gold project of Amarc Resources Ltd. These include Paget Minerals Corp. (Cabin project), Troymet Exploration Corp. (Key project), Gold Reach Resources Ltd. (Auro project), International Samuel Exploration Corp., TTM Resources Inc. and Ansell Capital Corp.

Porphyry Copper-Gold

Activity in the northern Quesnel porphyry belt comprised major drilling programs at Kemess (by Northgate Minerals Corp.), Kwanika (by Serengeti




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