

MONTANA **2007 mining**

**Exciting news for the industry:
MMA signs HB460 with DEQ**

Profile of MMA Member Mark Cole

**Revett Minerals' Rock Creek Mine
goes 'hand-in-paw' with grizzlies**

**Stillwater sets groundbreaking
natural resource precedent
with its Good Neighbor Agreement**



www.montanamining.org

MINING IN MONTANA

Oro y Plata – Gold & Silver! “The Treasure State”

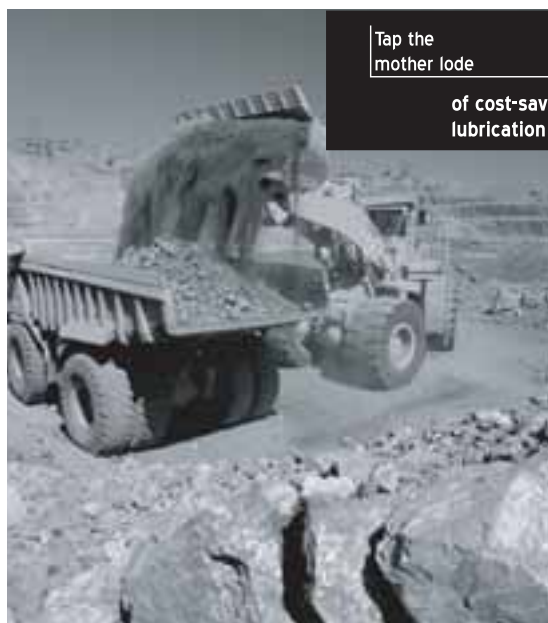


From its beginning, Montana's rich history is steeped in mining. From the territorial gold rush days of Virginia City, to the copper kings of Butte, all the way to today's strip coal mines and the western hemisphere's only platinum and palladium mine, mining has played, and continues to play, an important role in Montana's economy. Mining provides high paying jobs for Montana families and communities.

Montana's vast natural resources continue to offer great economic development opportunities. I have been hosting meetings, traveling the state and country, all the time promoting energy development as a boon to Montana's economy, and an important part of a national strategy for energy independence. I have found that most Montanans

want coal mining to expand in eastern Montana, an area that has experienced decades of economic dislocation. They want that expansion to lead to the development of advanced, low emission mine mouth clean coal power plants to the state. These plants will provide thousands of high quality permanent jobs in both western and eastern Montana.

Hardrock mining is still very important to the state and still has great growth potential. Stillwater Mining employs 1,600 workers at its platinum/palladium mine and has given Stillwater County the highest per capita income in the state. The proposed Montanore and Revett Minerals mines that are currently in permitting would develop a world class ore body in western Montana's Lincoln County, and



Tap the
mother lode

of cost-saving
lubrication solutions.

Your mining equipment endures a harsh environment, extremely heavy loads and other factors that impact lubrication.

As your Chevron branded lubricants

distributor, we do more than just offer motor oils, hydraulic oils, gear lubricants and greases that offer proven high performance. We also provide effective lubrication solutions that can reduce your operating costs. Take advantage of other important services like oil analysis, inventory management and much more. Our job is to help you minimize downtime, maximize drain intervals, and extend the life of your filters and equipment so your entire operation runs at peak performance. And that's good for your bottom line.

Delo®

Fickler Oil Company Inc.
1480 Continental Drive
Butte, Montana 59701
406.782.0616



A Chevron company brand

©2007 Chevron Products Company, San Ramon, CA. All rights reserved.

Governor Brian Schweitzer

could bring hundreds of high paying jobs to that area.

As we look at natural resource development in Montana, we cannot be driven by the political extremes. The clash between those who want to "build a fence around Montana," and those who would do "rip and run" uncontrolled development must not stymie our future development. The large majority of Montanans support development as long as it is done right – in a manner that does not destroy our high quality of life. New technologies, combined with new market demands, provide an opportunity for mineral and coal development that has not been present for some time. We must take advantage of this window of opportunity to create the growth Montanans want – and the jobs they deserve. Today's Montana mining operations can operate, and are operating, in an environmentally responsible manner. As long as that is the case, the state will support our historical resource economy.

Natural resource development is not the province of just one political party. That is revealed by the fact that over the last 50 years, Montana's growth in coal development took place under three Democratic governors, as illustrated by the chart on this page. With nearly a third of the nation's coal reserves and eight percent of the

Montana Historic Coal Production 1952-2004



world's reserves, Montana's economy stands to gain tremendously from this increased interest in the potential for coal. I will carry on the long tradition of Democratic governors and continue to work to expand coal development in Montana.

I ask you and all Montanans to join in the effort to develop mining and energy jobs for ourselves, our children and our grandchildren. We can still be the "Treasure State" and also the "Last Best Place," as long as we have the will to get the job done right.

Governor Brian Schweitzer



P.O. BOX 50370 • BILLINGS, MT 59105-0370

1-800-999-6676
Fax (406) 373-6553
Res. (406) 259-8934
Off. (406) 373-6010
Mobile (406) 698-5629
renoj@westatemachinery.com
www.westatemachinery.com

JAMES A. RENO
President and Outside Sales



Sales Representative for

DII
Dick Irvin, Inc.
Transportation

U.S./Can. 800-332-5131

**INTERNATIONAL
MOTOR CARRIER**

P.O. Box 950
575 Wilson Avenue
Shelby, MT 59474

Phone: (406) 434-5583
Fax: (406) 434-5505
Cell: (406) 450-1127



**SALES • SERVICE • PARTS
ALL MAJOR BRANDS
NEW • USED • REBUILT**

Air Compressor System Specialists

- Atlas Copco Rotary Screw Air Compressors
- Pneumatech Air Dryers • Gardner Denver Blowers

Industrial Pump Distributors

- Flowserve • Durco • Worthington
- Wilden • Moyno • Wheatley-Gaso

Filtration

- FSI Filter Vessels • Fleetguard Oil & Air Filters

4025 1st Ave South, Billings, MT
Ph **800-823-8668** / 406-252-8114
www.powerserviceinc.com



Rob McCulloch, down the mine.

MONTANA BUREAU OF MINES AND GEOLOGY:

HELP FOR MINERS

By Susan Barth



Mining has always been a thorny undertaking: risky, even dangerous. But these days it's even more complicated. How does a would-be miner figure out where to look for placers? Which property he's allowed to pan or dig? Who can a miner ask to figure out how to fill out a claim form, or an environmental impact assessment?

Answer: Rob McCulloch.

McCulloch is the sole staff member of the Montana Bureau of Mines and Geology's small-mines assistance program. On any given day, McCulloch works with prospectors, hobbyists, small-scale placer

operators, archaeologists, exploration companies, and government regulators.

"I teach miners where to look, how to interpret deposits, how to sample and extract resources, how to permit it, and how to operate within our environmental standards. It's the whole deal," said McCulloch.

He also assists miners with the sometimes confusing documentation required by different agencies: planning documents, contracts, and conservation easements. He keeps records of current mining



Cross Petroleum Service

1-800-580-3298

It belongs in your truck™.



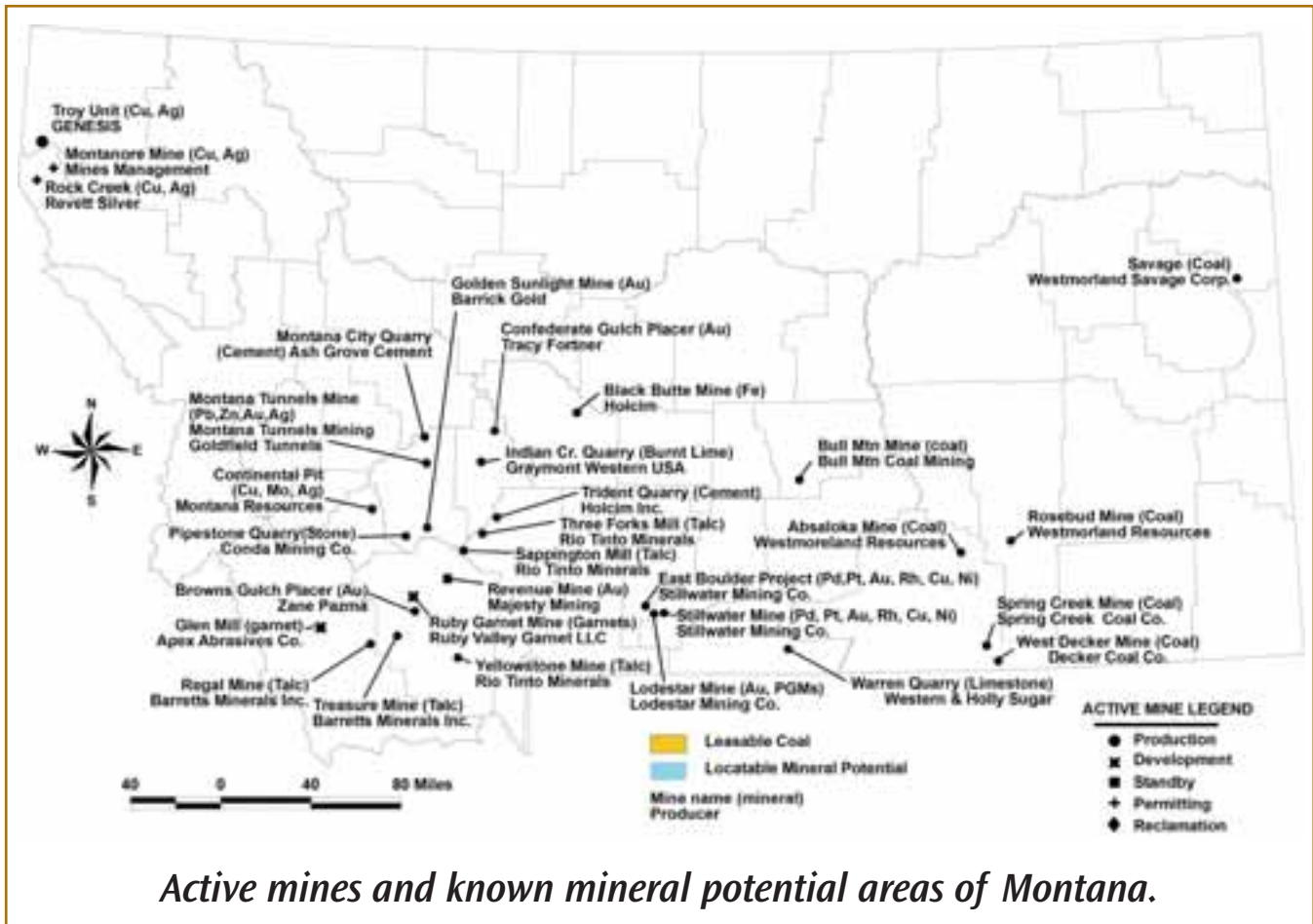
Northwest Pipe Fittings, Inc.

WHOLESALE ONLY
33 SO. 8th ST. WEST • P.O. BOX 1258
BILLINGS, MONTANA 59103

E. A. BUD REICHENBACH
Office Phone: (406) 252-0142
Home Phone: (406) 656-0265
Cell Phone: (406) 698-3144

Wats: (800) 937-4737 Fax: (406) 248-8072
ereichenbach@northwestpipe.com

•PLUMBING•HEATING•WATERWORKS•INDUSTRIAL SUPPLIES•WATERWELL



operations and companies (see map of 2006 mining activity), and maps of current and past placer deposits.

And he answers lots and lots of questions.

"Ten to fifteen calls per day, and an equal amount of emails is normal. It's not unusual to have visitors backed up into the hallway," said McCulloch.

In an effort to help even more would-be miners, in 2003 he published a detailed how-to guide, *Applied Gold Placer Exploration and Evaluation Techniques*. He also recommends *Gold Placers of Montana*,

a comprehensive guide to placer history and locations recently reprinted by the MBMG.

To reach McCulloch, call 406-496-4171. If you've got a question about mining, or need some help getting through the process, he'll be happy to help you.

To find out more about the Montana Bureau of Mines and Geology, or order any of our publications, see our website at <http://mbmg.mtech.edu>.



Ezzie's Wholesale, Inc.

Lawrence R. "Larry" Poulton

Bus. Ph. (406) 654-2331
Res. Ph. (406) 654-1525

- Diesel Fuels • Propane
- Motor Oils • Gasoline
- Bulk Oil

WATS 800-892-6874, FAX 406-654-2887
Box 1770, Malta, MT 59538



Chevron

Dave Cerise

Lubricants Sales Manager
Phone 406 782 0616
Fax 406 782 0260
Cellular 406 490 3891
E-Mail dcerise@montana.com

Fickler Oil Company, Inc. Signature Class Marketer

1480 Continental Drive
Butte, MT 59701

Industrial & Heavy Duty Lubricants • Auto & Natural Gas Eng. Oils



Topping the “Richest Hill on Earth”

The O.T. Mining Corporation’s Ruby property is bolstering mining in Montana

By Carly Peters

The road to 05C-6 immediately after full reclamation; one year from now this site will be covered with grass.

Many have referred to Montana over the years as “the South America of U.S. mining”. Having gone through some industry valleys, the state is once again seeing a revival of interest in mining due to numerous elements including government support and increased environmental awareness on the industry’s behalf. Yet, a major catalyst of this renewed attention has been one company’s significant mining discovery.

The O.T. Mining Corporation, based out of Montreal, Quebec, is uniquely positioned to deliver a potentially significant source of raw materials to the marketplace with their North Anomaly porphyry copper-molybdenum system and high-grade precious metals targets on the company’s Ruby property. Some say that this area alone may return Montana to its predominance of base and precious metal wealth in the U.S.

Uncovering Potential

The O.T. Mining Corporation was incorporated in Montana in 1980 as Ruby Resources of Montana Inc., but changed their name in 1987 when they began trading publicly. At that time the company’s property consisted of five patented and 22 unpatented mining claims, which equalled 480 acres in the Lowland Mining District of Jefferson County, Montana.

Today, O.T. Mining has 13 patented and 681 unpatented claims covering 21.3 square miles at the Ruby Property. The Ruby property is 14 miles from Butte, an area that once laid claim to being the “Richest Hill on Earth” in terms of its production of copper,

zinc, manganese, molybdenum, gold and silver. The Ruby project is the site of the discovery of an extremely large porphyry copper-molybdenum mineralized zone that has the potential to exceed the “Richest Hill on Earth.” Additional targets on the property include high-grade gold-silver mineralization at the Ruby gold-silver mine, and epithermal style gold-silver at the Kit Carson target area.

“Without question, the discovery of the porphyry copper-molybdenum deposit known as the North Anomaly has been the most significant for O.T.,” says Dr. Mark Fedikow Ph.D. P.Eng. P.Geo.

C.P.G., Vice President Exploration for The O.T. Mining Corporation. “This deposit has east-west dimensions of 15,000 feet and north-south dimensions of 8,000 feet, with a vertical extent of at least 3,200 feet. It is open in all directions and at depth.”

The parallels between the North Anomaly and Butte are of extreme importance in this

system. According to Dr. Fedikow, similarities in host rocks, structural style, alteration, mineralization and the recent discovery of east-west-trending geophysical anomalies thought to be representative of Main Stage veins are all exciting developments that could signify long-term production. Main Stage veins were responsible for the bulk of base and precious metal production at Butte.

“Butte has been producing since the 1860s with only minor interruptions in mining, and this underscores the significance of O.T.’s potential at the North Anomaly,” he says. “In addition to the

“Butte has been producing since the 1860s with only minor interruptions in mining, and this underscores the significance of O.T.’s potential at the North Anomaly. In addition to the porphyry copper-molybdenum system, O.T. has intersected high-grade base and precious metal mineralization while exploring in the past-producing Ruby gold-silver mine environment.”



Photo 1: Steps of the Reclamation Process: First, the road or drill site is “recontoured”, during which all fill material is replaced so that the disturbance is at the original natural slope. Topsoil is placed on the top of this. Then, “slash” (dead trees, roots, etc.) is placed on top of the topsoil, in order to hold in soil moisture, prevent the straw mulch and grass seed from blowing away, preclude access by motorized vehicles, and provide nutrients to the soil when it decays. Next the

porphyry copper-molybdenum system, O.T. has intersected high-grade base and precious metal mineralization while exploring in the past-producing Ruby gold-silver mine environment. These drill intersections were of a style of mineralization not discovered in the past when the Ruby Mine produced 2.44 ounces per ton and 38.66 ounces per ton silver. The new mineralization is comprised of lead-zinc and silver, has not been drilled off, and is a deposit type that O.T. plans to pursue.”

According to Dr. Fedikow, this is the only property that O.T. has in its Montana portfolio, and will continue to focus the majority of its technical expertise on it.

Utilizing cutting edge technology is top priority for O.T. Mining’s President James Hess, whose area of specialization is natural resources and emerging technologies, and who has spearheaded many of the techniques used on this project. Evidence of the presence of the unknown mineralization was recognized using advanced

forms of geochemical and geophysical surveys, such as Mobile Metal Ions (MMI) technology. While the use of MMI on the Ruby property is only one of the geotechnical tools available to O.T. Mining’s team, it has been critical in the exploration of the area where there is a lack of outcrop or, as in the case of the North Anomaly porphyry system, the target mineralization is buried beneath thick layers of volcanic rock. The application of this technology has permitted the group to “see through” these rocks at mineralized sources so that they can be drill-tested.

People Powered

Yet, cutting edge technology is only successful when applied properly. O.T. Mining’s exploration success is due in part to its group of professionals, each of which have more than 30 years of mining experience and many technical and commercial successes to their credits.

“The building of the ‘human resource’

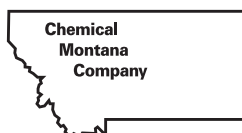
side of O.T.’s forward momentum has been significant with the addition of quality staff to our team,” states Dr. Fedikow.

This includes Dr. Fess Foster, a 30-year Montana exploration veteran, who brings a wealth of technical expertise to O.T. and is responsible for environmental permitting, public relations and government liaison. The second is Tom Weitz, O.T.’s project manager. Tom has 30 years of global experience in the exploration, discovery, opening and closure of mines and has multiple responsibilities including management of O.T.’s field programs, drill contracts, core facilities, budgeting and liaison with State and local officials.

The technical team is anchored by 50-plus year exploration veteran Oliver Maki, whose expertise is global in all aspects of the mining exploration and development business. His ability to assess mineral prospects in light of this experience is key to O.T.’s success.

Not to mention Dr. Fedikow, who has 30 years of industry and government experience as an exploration geochemist and mineral deposits geologist. In this capacity, he has published numerous articles on mineral deposits and their geochemical expressions in rock, soil and vegetation sample media, and in 2001 was the recipient of the Provincial Geologists Medal, a Canadian national award for outstanding geoscientific achievement.

“Common Chemicals With Uncommon Service”



Chemical Montana Company
2000 Boulder Avenue Helena, MT 59601
(406) 442-8900 • Fax (406) 442-8035

Greg Peterson - PRESIDENT
Mark McAlmond - OPERATIONS MANAGER

LOCALLY OWNED & OPERATED

Proudly serving the mining industry with a full line of chemical reagents, water treatment, refinery and specialty chemicals. Make us your one stop shop for all your chemical needs. Total inventory management and technical services available. One drum or one truckload give us a call we are ready to serve you.

Toll Free **1-800-242-6515**

email: cmcompany1008@qwest.net



4



5



6

area is seeded with a certified weed-free seed mix that includes natural grasses. Lastly, area is covered with certified weed-free straw as a last step in the reclamation process. Photo 2: Fully reclaimed road to NA04-6, with less than 1 season's growth (with Tom Weitz for scale). Photo 3: Fully reclaimed drill site KC04-3 after 1 year of growth; it looks just like the surrounding native ground. Photo 4: The USFS inspecting reclamation in the Kit Carson Area. Photo 5: August 2006, Close up of bull moose along Lowland Creek near Buffalo Gulch (FESS). Photo 6: View looking east from North Anomaly Ridge toward Lowland Creek.

Gleaming Future

Further exploration of the North Anomaly porphyry copper system through an aggressive drill program will continue in 2007, with additional geophysical and MMI surveys to help delineate drill targets. O.T. will also drill test high-grade coincident geophysical and geochemical targets at their Kit Carson area.

"O.T. believes the Kit Carson area has excellent potential to host a high-grade epithermal system of gold and silver mineralization similar to that found at the past-producing Kit Carson Mine," claims Dr. Fedikow. "This mine is not on O.T.'s property but is adjacent to it, and was characterized by very high-grade precious and base metal grades."

The Ruby property, if proven to be economic to mine, will not only provide a significant number of jobs and economic benefits to associated industries in local and state economies, but will also again help put Montana on the mining map - something that's welcomed by State officials and the industry alike.

"Montana is open for business," he exclaims. "It is O.T.'s intent to capitalize on this mining-friendly business climate."

