IDAHO
Mining & Exploration
2006
VALUE OF IDAHO MINERAL PRODUCTION

(IN MILLIONS OF $S, USGS)
U.S. Silver

Galena, 1946-Date

Coeur, 1974-Date
Exploration Targets - 2006

Projected Extension of Silver Vein

2400 Silver-Lead Zone Exploration

3700 Silver-Lead Zone Exploration

Coeur Down Dip

175 Vein

185 Vein

Ag/Pb Veins

Ag/Cu Veins

Coeur Shaft

Galena Shaft

#3 Shaft

Caladay Shaft
Make sure you hear Phil Baker’s talk.
Sterling Mining Co.

Sunshine Mine
Essential Metals Corp.
(Formation Capital)

Custom Mill
$575 Million!

Thompson Creek Mine

Metallurgical Facility
Langeloth, Pennsylvania

09. 26. 2006
26 M #s at $4.12 /#
50-million #s Aluminum
Contact: GoldPandDan

Dan Vaughan

30-hours in the #3 Adit

BOND MINE

#3 Adit
MONSANTO

SODA SPRINGS
IDAHO PLANT
> 700,000 oz/Gold resource

Iron Creek
314K Oz. Gold
Newmont

Muskgrove Creek

Journey Resources Corp.
487K oz. of Gold
Echo Bay
IDAHO MONARCH

500,000 oz Gold

Twin Mining, Corp.

Atlanta

Monarch Mine
Northern Stone Supply
Oakley Valley Stone
American Stone
Serivanich Natural Stone

Oakley Stone
Ash-Grove Cement

>300K tons cement
Emerald Creek Garnet

30,000 tpy
Figure 3.1: Location of the Raft River project

RAFT RIVER VALLEY, CASSIA CO., IDAHO

GeothermEx, Inc.
GEOTHERMAL EXPLORATION, DEVELOPMENT AND OPERATIONS
Richmond CA USA NNW@GEOHERMEX.COM Tel. (510) 927-9876

SCALE: 1" = 200' or 1:240000
DATE: 20 AUG 2002
APP.: AR-1

LEGEND
Contour of 6,000 foot elevation
Geothermal well
Main road
Secondary road
Stream

MAP LOCATION
Idaho
Two State auctions- 87 leases and 38 leases.
$290K in bonus.
Most in southwest Idaho.
Recipients of 2005-2006 State Dept. of Lands Awards (L-R)
United States Antimony Corporation - Excellence in Annual Operations (Reclamation)
Eric Wilson - Special Recognition Agency Leadership
Meridian Beartrack Company - Excellence in Reclamation Hardrock Mines.
Kinross DeLamar Mining Company - Excellence in Reclamation Hardrock Mines.
Pat Trainor, Payette National Forest - Agency Reclamationist
Bruce Schuld - Special Recognition Agency Leadership
Monsanto - Excellence in Annual Operations Soft Rock Mines over 75 Acres
Nu-West Industries, Inc. - Special Recognition - Haul Road Reclamation
Unimin Corporation - Emmett Silica Mine - Special Recognition
See the Movie!

MERIDIAN GOLD- BLM DIRECTORS AWARD IN DC FOR RECLAMATION AT BEARTRACK.
THANK YOU!

Earl H. Bennett
Virginia Gillerman
Mike Weaver
Idaho Geol. Survey
University of Idaho
Extra slides from the 2006 State Report for Idaho
THANK YOU!
Earl H. Bennett
Virginia Gillerman
Mike Weaver
Idaho Geol. Survey
University of Idaho
Stuff for 2007
MINING EMPLOYMENT IDAHO

- Metal mining
- Chemical manufacturing
- Other mining
Slide 4

Value of Idaho Mineral Production (in millions of $US)

Year
$ Value

Slide 5

Oldcastle Materials
Silver
Mulch

Slide 6

The Fabulous Idaho Throne

The Fabulous Idaho Throne

**U. S. Silver interview (8/3/2006) with Mark Hartman, President-manager, Galena mine and other properties.**

Repairing infrastructure and drilling/drifting for exploration. Changing mining technique to do multiple headings instead of a single heading in stopes.

Can’t get miners so U. S. Silver is training their own. Will use skilled miners as mentors for the trainees in some of the single headed stopes.

They need another 20-25 people and have just started the training program with 5 on board now.

Will haul Pb/Ag ore to Galena mill and Ag/Cu ore from Silver vein to Coeur mill. Also hope to start mining in the Coeur in a few months.

Golden Eagle, affiliated with U.S. Silver, will start work at the Alice mine.
this summer. It is a Ag/Pb/Zn property.
Stimpson Lumber owns most of Asarco’s land in the district including mineral rights and is one of the largest property holders in the valley.
U. S. Silver employs 130 hourly workers and 25 staff.
Sterling Mining, Sunshine Mine, Mike McClean, 8/03/2006

Upper Workings
The Sterling Drift is in some 1,100 feet and projected to go to 4,500 feet including some 1,200 feet of secondary drifts. Have established some drill stations and are drilling in the Silver Summit. Are cutting the main electrical station and will drill to the north in September. First target is the projection of the Silver Syndicate and deeper veins using 1500-1800 foot long holes. The Yankee Boy and Sunshine veins are also targets. Looking adjacent to known workings in these areas and are also working on the Polaris 1000.

Lower Workings
Went underground last fall and this spring to assess conditions. The 3100 is in good condition with good ventilation. A shaft repair crew is working to repair the Jewell shaft and stations. Will work on power next. Rebuilding pumps on the 1700 and 2700 level. Infrastructure needs a lot of work. The repair of the Silver Summit hoist and shaft has to be completed before mining can start in
the Shine as it is the secondary escapeway for the mine. This should be completed by February 2007. There are 20 people employed now and will have 28 by the end of the year. They started with 8 people.

Slide 13

Golden Chest Mine

300K oz Gold

Cretaceous, related to granites. Main vein is the Katie Dora. Working the Idaho Vein with about 300K Au probable.

This shows the old Martin level near our present ramp. It's not a mill, but a mine compressor plant instead. They are drilling on the Idaho vein that may be the same as the Katie Dora or in the same structural zone. Newmont had 250K ounces and Fred has 300K probable in the Idaho vein.
Essential Metals Corporation, a wholly owned subsidiary of Formation Capital Corporation, announced in June of 2004 that the Sunshine Precious Metals Refinery, is back open for business and is currently accepting customers for the refining of silver and gold.

The Sunshine Precious Metals Refinery is a zero discharge, expansion capable facility that continues to escalate production. The refining facility is currently best equipped to refine doré metal and high grade silver residue utilizing state-of-the-art processes and equipment. The refinery also accepts gold doré and other high content gold material.

The Sunshine Precious Metals Refinery, operational as of June 2004, is a zero discharge, expansion capable facility that continues to escalate production. The refining facility is currently best equipped to refine doré metal and high grade silver residue utilizing state-of-the-art processes and equipment.
processes and equipment. Under the previous operators, silver produced at the Sunshine Silver Refinery was widely recognized for the superior quality of its refined materials with assays consistently in the range of 99.99% silver. The refined silver bars were determined to be good delivery for the Tokyo Commodity Exchange, and a significant amount of high quality premium silver was provided to specific customers with a certified minimum quality of 99.999% silver. The plant is equipped to produce 1000 ounce bars, various sized cylindrical billets and silver crystal. Other products such as silver shot or silver grain could also be added. Specific requests for private label refined silver products could also be considered.

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Vancouver, B.C., October 23, 2006 - Formation Capital Corporation (the "Company", FCO-TSX,) announced today that it's wholly owned subsidiary Essential Metals Corporation (EMC) has received US $500,000 as the second payment from the sale of its tailings facility to Sterling Mining Company (Sterling) as per the Company’s News Release dated October, 04 2006.

Under the terms of the sale Sterling shall pay EMC a total of US $4.5 million cash and convey a certain neighboring 16 acre parcel of land to EMC. Payment terms are as follows: US $100,000 upon agreeing to the terms (paid), US $500,000 on or before October 20, 2006 (paid) and
US $3.9 million on or before January 22, 2007.

In addition to the US$575 million purchase price, Blue Pearl is obligated to make contingent payments of up to US$125 million, depending upon the future price of molybdenum. The vendors of Thompson Creek Metals Company will also be entitled to receive monies in respect of accounts receivable of Thompson Creek Metals Company and its subsidiaries in excess of US$23.35 million and in respect of molybdenum inventories in excess of 7.9 million pounds, as of the closing date. Molybdenum production in 2006 for the credit of Thompson Creek Metals
Company is expected to total approximately 26 million pounds at an average operating cash cost of US$4.12 per pound. The metal, a key component in high-end steel alloys and pipeline steel, is valued for its corrosion-resistant properties, and currently trades between US$28-US$30 per pound.

The acquisition cost of US$575 million is to be funded through a combination of debt and equity. Blue Pearl has entered into a commitment letter with UBS Investment Bank with regard to a US$450 million long-term loan facility. Blue Pearl intends to fund the balance of the US$575 million cash payment due on closing through an equity issue.

The acquisition of Thompson Creek Metals Company will result in Blue Pearl acquiring all of Thompson Creek's operations, which include the Thompson Creek Mine and processing facility in Idaho and the Langeloth refinery facility in Pennsylvania, as well as Thompson Creek's 75% interest in the Endako Mine and processing facility in central British Columbia.
IMSAMET (subsidiary of Aleris International that is a merger between Commonwealth Aluminum and IMSAMET). Hayden Plant does not reprocess many aluminum cans anymore, but now processes about 70-75 million pounds of dross and other aluminum scrap (5.5-7 million pounds per month) resulting in about 50 million pounds of aluminum. Plant employs 23 people. No major changes in the plant. Jared Ellison is the current plant manager. Nov. 27, 2006. Will send picture if they have one.
Here's the results from 30 hours of air hammer, tugger and wheel barrow work from #3 lower tunnel. Here is a shot of the adit of #3 tunnel which is 350 long and we stoped off at 220 feet and are down 45 feet with visable gold in the vein. Dan Vaughan (goldpandan)

The Bond Mine was originally the Crescent Mine at Pierce, Id. The Crescent was the first recorded lode mine in Idaho.

Monsanto, Elemental Phosphorous Plant, Soda Springs. EIS permitting for Blackfoot Bridge mine started last year. Mine at S. Rasmussen Ridge, haul ore to tipple at Enoch Valley. Use own trucks and road system to haul ore.

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Mine about 1.25 million tons of ore. Most elemental phos goes to Roundup Employ 450 Monsanto employees with another 250 contractors.
Permitting for Blackfoot Ridge with draft EIS expected next year. Feasibility plan underway along with EIS. Hope to be mining Blackfoot Ridge by 2011 or 2012. Blackfoot Ridge is the north end of Woodall Mt. mined by Simplot years ago. Chinese competitors with good price and quality but unsure delivery schedules. Mining Contractor is _____________. Have own road system and ship from the mine to the plant using unit trucks.

Monsanto, South Rasmussen Ridge mining
Monsanto, Enoch Valley Reclamation

J. R. Simplot, Don Fertilizer Plant, Pocatello, ID

Smoky Canyon mine map
Mined 2.2 million short tons in 2005.
87-mile long slurry pipeline
Problems with Riede’s and may use eminent domain under state constitution. Offered $2.1 million for access across their 467 acre ranch. The company wants to expand the mine into the Sage Creek Roadless area. 6.3-pound EIS complete on mine expansion.
J. R. Simplot, Smoky Canyon Mine plant.

Simplot, Expansion F panel

Agrium
Mined 1 million short tons in 2005 from Dry Valley. Had 1.3 million on the stockpile.
Closed S. Rasmussen and moved to Dry Valley mine in 2005
Ship by rail to Conda plant.

2.3 million tons from Dry Valley.
Washington Group Int does contract mining with about 100 people.
Agrium has about 12.
About 260 in the plant in Conda.
Reclamation award from Dept. of
Lands for Rasmusen Ridge haul roads.
Use rail system to ship from Dry Valley
to Conda.

Slide 32
Agrium, Dry Valley- C pit mining
Washington Group International is the
mining contractor.
Mine about 2 million tons per year.

Slide 33
Exploration in Ginna’s 2005 paper
New Jersey Mining
Timberline Resources
Kimberly Gold Mines
Vista Gold- Stibnite
Jack Walker- Golden Hand
Rescue Unity
Consolidated American Resource
Development Corp- Iron Creek
Wave Exploration- Journey Resources-
Musgrove
Formation Capital- Idaho Cobalt
Project
Trio Gold- Empire Mine
Kilgore
Kobex- Mosquito Consolidated, Cumo
The Idaho Gold project is 51% owned by Valencia. Located near Elk City, Idaho, USA. Project includes the Buffalo Gulch, Friday-Petsite, Deadwood, Dixie and Gallaugher properties. Historical alluvial gold production in the vicinity of Buffalo Gulch is about 2.5 – 3.0 million ounces. Properties have resource potential in excess of 700,000 ounces gold. Buffalo Gulch has an Indicated Resource of 4.5 Mt grading 0.8 g/t Au (115,000 oz Au). Preliminary Assessment positive: US$7.5M NPV (US$450 gold).
This large tonnage, disseminated, epithermal gold deposit was the subject of a feasibility study in 1997 calling for the development of a 95,000 oz/year open pit, heap leach mine. Freegold is currently in the midst of a 34,000-foot drilling program aimed at further expanding the size of the resource prior to updating the feasibility study in 2007.

Drilled by Ican Minerals and AMAX (1992). Resource of 40 million tons of .024 gold. Gold is silica encapsulated.
TAMPA, FL -- (Market Wire - Apr 11, 2006) -- Consolidated American Industries Corporation ("COAM") (OTC: CMDJ) today announced the spin-off of its wholly owned subsidiary Consolidated American Resource Development Corp. ("CRDC"). Shareholders of COAM shall each receive one share of CRDC for each five shares (1:5) of COAM held as of April 27, 2006.

Consolidated American Resource Development Corp. ("CRDC") is a wholly owned Nevada corporation, involved in the natural resource industry. CRDC's primary assets include: (a) deeded and patented mineral claims of the Iron Creek Copper/Cobalt Mine located in Lemhi County, Idaho; (b) deeded and patented mineral claims of the GreyEagle Open Pit Copper/Gold Mine located in Siskiyou County, California; and (c) 1,000 acres of deeded perpetual mineral rights located in the oil and gas district of Orange County, California. Hanna, Noranda and Cominco conducted drilling program studies on the Iron Creek Property.
The deeded property includes approximately 29,030,000 tons of drilled and proven reserves, having ore grades 0.06% Cobalt, 0.52% Copper, and an undisclosed Gold. Based upon the studies and price index, current estimated value is approximately $40.00 per ton.

Ray Henderson, November 30, 2006-
Drilled in 2006 and will be back next summer.

In February of 2004, a new NI 43-101 mineral resource calculation was estimated (Gruenwald and Makepeace, 2004). The resulting Inferred Mineral Resource was 8 million tonnes at 1.22 g/t Au. (0.036 oz/T) which would be equivalent to 9,761 kg (313,822 oz) gold, at zero dilution. A cut-off grade of 0.8 g/t Au (0.023 oz/T) was used.

Recommendations in the Wave Exploration September 2004 report, which are being followed up include:
staking additional claims to the northwest of the present claim block
geological mapping soil sampling of the prospective mineralized zone
trenching reverse circulation drilling

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Wave signed a letter of intent with Journey Resources to sell 100% of the
Musgrove Creek Gold mine. Wave optioned the property in 2003 and
drilled it in 2004. The property was discovered by Atlas and drilled by
Newmont Mining and has a resource of 314,000 ounces of gold with
untested anomalies and expansion potential.

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Ray Henderson, November 30, 2006
Journey drilled at Musgrove last
summer and will be back next
summer.

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Historical estimates obtained from a report, originally prepared by Cambior
Exploration USA, Inc. in 1997 (the "Cambior Report"), used the
measured mineral resource block models to scope mineable quantities
of material within the known deposit. Cambior's engineering group
estimated the mineable portion of the deposit as 33 million tons grading
0.44% copper, 0.20% zinc, 0.25 gpt gold, and 6.6 gpt silver at a 1:1 mining
ratio.

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To date, ten holes consisting of core and RC drilling have been completed
on the Empire Mine Project. In total,
sixty-five holes are planned, of which forty-five holes will be infill drilling and the balance will be exploration holes. Drill results from the first three holes have been received and are summarized in the table below. These core holes were drilled in the AP pit area of the property.

Ray Henderson, November 30, 2006, Journey drilled at Mackay last summer and will be back. This is a copper play.
Blackbird Mine
Cobalt prices
Cobalt 99.30
North America USD/LB
Date Low High Avg. Change
11/25/05 12.75 14.50 13.625 0
11/18/05 12.75 14.50 13.625 .375
11/11/05 12.00 14.50 13.250 -.500
11/4/05 12.50 15.00 13.750 0
10/28/05 12.50 15.00 13.750 0
10/21/05 12.50 15.00 13.750 .750
10/14/05 14.00 15.00 14.500 -.500
10/7/05 14.25 15.75 15.000 -.500
9/30/05 14.50 16.50 15.500 -.125
9/23/05 14.75 16.50 15.625 -.625
1/18/2006 12:23:53 PM
99.3% Minimum Cobalt.
Price range represents the low side of wholesale
and the high side of retail.
Cobalt is now $25-$30/pound and in flux, from Bill Scales.

The ICP will consist of an 800-ton per day mine and mill complex to mine cobalt-copper-gold reserves at an annual production rate of 280,000 tons of ore at full production. There are sufficient reserves and resources for 10 to 12 years of operation. Estimated annual production is 2.6 million pounds of cobalt, 2 million pounds of copper, and 3,400 ounces of gold averaged over the mine life. Underground mining methods will be used to extract ore from two deposits, the Ram and the Sunshine. Ore will be conveyed to a nearby mill situated on a high plateau locally referred to as the Big Flat. Concentrate from the mill will be trucked to an offsite processing facility.
An overhead tram will lift the Ram ore and waste rock approximately 1,000 vertical feet from the portal to the mill, where it will be stockpiled for processing. A conceptual design for the tram includes two tramcars traveling on track cables and driven by a haul rope. The tram will be loaded from hoppers at the Ram portal, and will discharge into open stockpiles at the mill. Pivoted intermediate towers, approximately 45 feet high, will support the track cables. During reclamation, all tram structures and equipment will be removed and the tram corridor will be graded and revegetated.

The Idaho Cobalt Project, located in east central Idaho, is a unique 100% owned primary cobalt deposit with production estimates of over 1,500 tonnes of super-alloy grade cobalt metal and cobalt chemicals per year. The project’s output will be equivalent to 3.3% of the entire global cobalt supply and it will be able to feed 14.9% of North American demand for cobalt. Average reserve grades are 0.641% Co, 0.49% Cu, 0.017 opt Au. The Company’s summer/fall 2004 25,000 foot drill program was successful in further enhancing the resource base by an additional 67%, and is expected to improve on the economics and increase the life of the mine once incorporated into the final feasibility study currently in progress.

Reserves and Resources
Diluted, Proven and Probable Reserves of the project currently stand at 1.26 million tons @ 0.641% cobalt, 0.49% copper and 0.017 ounces per ton gold utilizing a 0.3% cobalt cut-off (after MDA, 2001). The measured and indicated resources utilizing a 0.2% cobalt cut-off are 2.654 million tons (1.841 million tons in the measured category) grading 0.628% cobalt, 0.619% copper and 0.016 ounces per ton gold with inferred resources of 1.122 million tons grading 0.585% cobalt, 0.794% copper and 0.017 ounces per ton gold (after MDA, 2006). This represents contained metals of 46.5 million pounds of cobalt, 50.7 million pounds of copper and 60,500 ounces of gold.

Drilled 13 holes in 2005-2006 totaling 9,835 feet.
Showed the Ram zone is open both to the north and south with a defined strike length of over 2,800 feet.

Ray Henderson; November 30, 2006
DRAFT EIS will be out in January.
Hi Earl,

As per Norm Burmeister, our CEO’s instruction, I am sending the attached pictures of our Kilgore Property in Idaho, for your peruse.

Please let me know if you have any questions.

Best regards,
Danny T.C. Lowe
CFO
Kilgore Minerals Ltd.

Resource estimate developed by Echo Bay Mines Ltd. in 1996 include 487,000 oz of gold (7,043K tons of 0.031 ounces indicated and 9,661K tons of 0.028 ounces inferred).

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Kilgore also at the Hai Property in Lemhi County, approximately 8 miles to the west of Meridian’s Beartrack Project
Also the Gold Bug Property in Lemhi County, Idaho, approximately 3 miles from the Hai Property.

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Atlanta-Twin Mining Corporation
About 500,000 ounces of gold and 1-million ounces of silver over 7-10 years from two open-pit mines (Monarch and Idaho), with heap leach. 13.7 million tons of proven ore reserves. Estimated cash cost of $220 per ounce. Years 1-3 should have production of 110,000 oz gold and 280,000 oz silver per year. Modified Supplement to the Plan of Operations (SPOO) was accepted in 2006. Draft EIS expected in 2006 and Final EIS and Record of Decision hoped for in 2007.
Slide 45
Hell High Water Placer, Lamar Creek.
Keith Toll, Phil.

Slide 46
Left off Emerald Creek Garnet.

Slide 47
Slide 48

L and W Stone owns Three Rivers Stone quarry located west of Challis. Ships about 30,000 tons of stone per season.

Slide 49


Slide 50

Shipped about 315,000 tons of cement in 2005, a new record. Will do the same this year, which is over plant capacity and are importing clinker from another plant. Employees in 71 people total. Nothing new in plant expansion. Ash Grove is still the largest US-owned cement company. The company started in 1882.
Hess Pumice new stone plant. Produced 180,000 tons of pumice in 2005. A lot is used into making lightweight aggregate for the new Owens Corning Plant built by Hess Pumice. The plant produces a trademarked cultured stone. Idaho Minerals, also owned by Hess mines Perlite that is largely used for potting soil. The perlite is processed at a new expander plant built by Hess at Malad. Also U. S. Grout.

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From Mike Hess, 11/30/2006

BK Pumice is a new company started by a Hess employee who makes cosmetic products from pumice. This replaces the Italian pumice producers who used to have a lock on the cosmetic abrasive business. Italy is out of luck now as the UN declared the site of the main pumice mines a World Heritage site and shut the mines down. This allowed Hess to move into European markets. Owens Corning plant will probably expand next year. The company makes various products from cultured stone made from pumice and cement. TV tube polishing has moved to China and Hess has lost a lot of this business. There are no TV glass plants left in the U.S. Hess now has an office in London to capitalize on the loss of the Italian pumice producers. Hess built a new ultra fine grind plant for the European paint business and hopes to expand this into U.S. paint market. Hess now employs 115 people at their facilities.

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Vancouver, BC, (September 21, 2006) -- i-minerals inc. (TSX.V:IMA) has commenced a drill core program to test the block model created by SRK Consulting (US) Inc. ("SRK") as part of the ongoing feasibility study and to provide supplemental material for a bulk sample of the Kelly’s Basin feldspar/quartz deposit in Latah County, Idaho for pilot plant level metallurgical work.

The drill holes have been strategically located to test several sections of the block model that is the basis for the ongoing reserve/resource calculations. In developing the block model, SRK subdivided the Kelly’s Basin deposit into a contiguous series of 20-foot by 20-foot by 20-foot blocks and assigned a tonnage and grade to each of these blocks. Analytical results from the current drill program will be compared with the grades attributed to each of the 8000 cubic foot [or 296.3 cubic yard or 226.5 cubic meter] resource blocks, such grade being based upon previous drill holes completed on 200-foot centers. Limited differences between the
current drill core results and the resource block values would indicate predicable grade variances within the block model.

The diamond drill program will be comprised of 4 holes of “HQ” diameter (2.5 inches) completed to a maximum depth of 200 feet. Completion of all of the scheduled drill holes is expected to generate nearly a ton of material that will supplement the splits from earlier drill holes to provide feed for pilot plant processing at Minerals Research Laboratory (MRL) in Asheville, North Carolina. The pilot plant has already been assembled and is preparing to produce potassium feldspar and quartz products from 30 tons of material previously sent to MRL. The process flow sheet for the production of sodium feldspar and potassium feldspar is nearly identical, so with the pilot plant already assembled, processing costs will be minimized based upon the timely delivery of the drill core bulk sample to MRL.

In addition to these new core holes, two other holes have been completed on the approximate margins of the expected open pit to test the rock dynamics. The quality of the rock dynamics will determine the slope of the pit walls, which in turn will influence the magnitude of the reserves or resources defined.

“The feasibility study is progressing very well, and we are pleased with effort and results of our consultant group SRK, AMEC and Ruen-Yeager”
commented Roger Kauffman, president of i-minerals. “Successful completion of the pilot plant scale and the production of feldspar and quartz products will determine the final flow sheet of the processing plant, and along with the reserve calculation and mine plan will provided a excellent platform for environmental and permit requirements to be completed.”

Further to the Company’s press release of September 6, 2006 the company has been advised MRL has finished the re-floating process of the quartz tails generated from the production of the feldspar product. A series of quartz samples have been created, all of which have been sent for analysis to determine the purity of the quartz product. The results of this testing will determine whether additional testing is warranted to determine if a high value, high purity quartz product can be produced from the Kelly’s Basin granodiorite.
US Antimony Corp. of Montana is 75% owner of BRZ (and essentially operator). 15 employees working 24-7. Production for 2004 around 10,000 tons a year. Sales in 2003 up 120% over 2002 and prices up as well. Major markets: water filtration and remediation, animal nutrition, odor control for animals (CAFOs etc.), animal litter, household odor control; wastewater treatment, [confidential], soil amendments. Hope to double sales next year. [Drinking Water filtration for municipal water supplies represent large potential market.]

Zeolite, (known as "La Rocka Magica" in Italy) is mined in southeast Idaho. Development of the mine and construction of the plant began in 2001 and sales commenced in 2002. Although the deposit has never been drilled, dozer cuts and outcrops indicate mineralization of more than 200,000,000 tons. Mining includes stripping a soil layer, drilling and blasting, then trucking the rock to the processing plant, which is less than one mile from the mine. The plant consists of crushing, drying, blending, screening, packaging equipment, warehousing, and silo storage. Some $5,000,000 has been spent for the plant, sales development, and mine. A recent expansion during the first quarter of 2005 increased the plant capacity to more than 150,000 tons per year (tpy). Management believes that this is one of the best quality zeolites in the world due to its high cation exchange capacity,
purity, low clay content, low sodium content, homogeneity, and hardness.

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Opened in 2001; USAC major owner
Sales/tons increasing
Adding new screens to up mill capacity
Aggressively pursuing new markets,
uses
Uses: water filtration & remediation,
animal nutrition, odor control, soil amendments, etc.

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Although the deposit has never been drilled, dozer cuts and outcrops indicate mineralization of more than 200,000,000 tons.

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Three thousand tons of the new BRZ production will be sold as a "pozzolan" for replacement of 10 to 30% of Portland cement in concrete. The pozzolan increases the strength of the concrete and reduces the corrosion of the rebar in the concrete. The corrosion of the rebar can result in failure of structural concrete installations. The balance of the finely-ground BRZ production will be available for flow agents, waste water treatment, animal nutrition, environmental remediation, animal feed palletizing, dairy cow milk supplements, odor control, pond liners, and a variety of other uses.
WGI Heavy Minerals is in the process of rebuilding its operations both domestically and internationally. Changes are occurring across the organization; the political climate in India is evolving (see Chairman’s Letter to Shareholders dated August 2006) and the Company is focused on strengthening its core businesses.

WGI Heavy Minerals, Inc. is a fully integrated miner, producer, and marketer of industrial-grade minerals and replacement parts for ultra-high waterjet cutting systems. The Company’s operations include mining and processing facilities in Idaho, U.S. (Emerald Creek Garnet), Tamil Nadu, India (Bengal Bay Garnet) and Ermsleben, Germany and a manufacturing facility in Washington, U.S. (International Waterjet Parts).

This Final Environmental Impact Statement (FEIS) analyzes a proposal by Emerald Creek Garnet, Ltd. (ECG) to mine 327.5 acres of garnet reserves in and near the St. Maries River floodplain south of Fernwood, Idaho in Benewah and Shoshone Counties. The proposed new mining area contains 193,930 tons of garnet reserves. One hundred thirty-three (133) of the 327.5 acres are wetlands and other waters of the U.S. subject to regulation under----.

ECG has mined garnet in 16 permit areas in the Carpenter Creek and Emerald Creek basins near Fernwood, Idaho since 1992, and continues to mine in these basins, as well as in upland areas near the St. Maries River. Under the current production goal of 30,000 tons per year, ECG has four to
seven years of mining remaining in existing permit areas. After one to two years of peak production, the remaining mining areas would be in upper watersheds with limited mining seasons and production would subsequently decrease for the remaining reserves.

ECG has approximately 156,000 tons of proven reserves remaining in eight existing permit areas. Without the additional reserves within the proposed mining areas, full-time mining would end in approximately one to two years; the number of permanent employees would be reduced; seasonal employees would not be hired; some equipment would be sold; and mining would continue at a reduced rate until reserves are depleted.
Slide 56

U. S. Geothermal map showing Raft River Project.
Issued commission to Ormat Nevada, Inc., to construct a 10MY plant in April, 2006. The plant will be expanded to 20MY eventually. Obtained $34 million in financing from investment bankers in Goldman Sachs in August. Between 1970 and 1982 DOE spent $40 million to develop a 5-megawatt demonstration plant at Raft River. The plant at Malta was completed in 1980 and mothballed two years later.

Slide 57

2 oil and gas auctions, issued 87 leases, second 38 leases. All in Canyon/Payette/Washington/Gem except 2 in Bonneville. State made $290K in bonus bids on the first one; 2nd only basic bid. Industry also leasing private land in these areas. BLM holding auction on Nov. 21, also Geothermal auction, see webpage.

Two State auctions- 87 leases and 38 leases. $290K in bonus. Most in southwest Idaho.
Recipients of 2005-2006 State Department of Lands Mining Awards from left to right:

- United States Antimony Corporation - Excellence in Annual Operations (Reclamation) Mines over 75 Acres
- Eric Wilson - Special Recognition Agency Leadership
- Meridian Beartrack Company - Excellence in Reclamation Hardrock Mines over 75 Acres
- Pat Trainor, Payette National Forest - Agency Reclamationist
- Bruce Schuld - Special Recognition Agency Leadership
- Monsanto - Excellence in Annual Operations Soft Rock Mines over 75 Acres
- Nu-West Industries, Inc. - Special Recognition - Haul Road Reclamation
- Unimin Corporation - Emmett Silica Mine - Special Recognition
BLM Directors Awards for Reclamation winners in Washington, DC. Meridian Gold nominated for reclamation at Beartrack by Ray Henderson. 648 acre project.

Attached are three illustrations that feature additional survey highlights of the last year. I’m sure you will be covering mining and minerals. Long Valley is an example of current mapping and numerous new geologic map products available on our website. The Google Earth image shows the interactive state fault database. The Idaho Geology map is the beta-version of the first-ever digital geologic compilation of the state.
The U.S. Department of Labor Mine Safety and Health Training Program in Idaho is administered by the Survey. During FY 2006 this program Mike Weaver trained and certified over 1300 miners and industry supervisors in Idaho and the region.

Roy
Slide 1

Extra slides from the 2006 State Report for Idaho

Slide 2

THANK YOU!
Earl H. Bennett
Virginia Gillerman
Mika Weaver
Idaho Geol. Survey
University of Idaho

Slide 3

Oldcastle Materials
New Jersey Mining Company, Fred Brackebusch-President, 8/03.2006. See Annual Report for more details.
Fred believes the gold/quartz veins in the Murray area (especially Golden Chest mine) are Cretaceous and related to granites in the area. Metal may have come from the Prichard. The Golden Chest is in the west limb of the Trout Creek anticline. The main vein is the Katie Dora, a quartz vein with pyrite, gold, galena and sphalerite. Some veins contain scheelite. They are drilling on the Idaho vein that may be the same as the Katie Dora or in the same structural zone. Newmont had 250K ounces and Fred has 300K probable in the Idaho vein. There are ultramafic dikes that contain nickel that Fred believes are Tertiary. The Silver Strand is a gold/silver property. It is on USFS property and it has taken Fred 3 years to permit it. Fred hopes to drive about 100 of drift when permitting is completed. The mine is in the Revett. Fred has 2 miners at the Strand who will move to the New Jersey in November.
New Jersey is the only gold company in the district and they raised $1 million this year. The NJ mill contains crushing circuits, and rougher and finishing cells. They are building cyanide leaching tanks in a new building (under construction) added on to the NJ mill. Will use electrowinning cells to reclaim gold from steel wool. Tailings will be thickened in a special thickener and stored in the pond as paste, reducing all problems with water. The New Jersey mine is a small open pit with 2-5 grams of Au per ton. It is a N-S vein in the Moon Creek anticline and may be Cretaceous in age. There is also some potential for a disseminated Ag/Cu zone in the Revett behind the NJ mine.

Thompson Creek, new trucks, products, highgrade.
Idaho Gold Project resource estimations:
(NI43-101 compliant)

BUFFALO GULCH (INDICATED)
4.5 Mt @ 0.8 g/t Au 115,750 OUNCES
FRIDAY/PETSITE (INFERRED)
15.2 Mt @ 1.1 g/t Au 540,000 OUNCES
DEADWOOD (INDICATED)
1.6 Mt @ 0.75 g/t Au 38,500 OUNCES
(INFERRED)
0.7 Mt @ 0.75 g/t Au 17,000 OUNCES

Preliminary Assessment completed to investigate potential of the Buffalo Gulch prospect as a heap leach gold mine.
Valencia sees significant potential to advance other prospects within the project.
Slide 9

Kilgore map
Just completed 10 holes and waiting on assays. Deepest was 1180 feet. Have the Arnett Creek properties. Will send better pics and map.

Slide 10

Marshall Lake Kimberly Mine
In 1999 Kimberly Gold Mines took control of the project.

Slide 11

Wind Turbines
Ramshorn Quarry also produces stone

i-minerals- Bovill Clay/feldspar/silica deposit
Slide 15
S. Rasmussen Ridge phos mine

Slide 16
Simplot- B-Pit mining, Cpit ore zone

Slide 17
Simplot AB pit top of ridge.
Slide 18
Dry Valley Mine - Agrium

Slide 19
Agrium, Dry Valley mine

Slide 20
Agrium-DryValley Mine, C-Pit
Slide 21

Hess Pumice products and old plant picture.

Slide 22

Ray Henderson, Palouse Resources is at Sage Creek on the N. Fk. Of the Salmon and will drill next year (2007) Delaney Brothers are at Pope Shenon and want to go underground. Have a lot of claims in the area.

Mt. West Bark, very busy, selling gold red black scoria/pumice, also Douglas Fir Bark.

Slide 23

Good intercept on 5200 (Pb/Ag zone). Up to 20 feet of 10 oz Ag and 20% lead, called 175 vein and it is wide open.

U.S. Silver, 2006

Good intercept on the 185 vein that is adjacent to 175; up to 1200 feet of good Ag/Pb vein. South Argentine fault is mineralized on 4600 and 3400. Will start a drift in the Caladay and below the Coeur from the Galena 4900 and drive 5500 level of the
Galena below the Caladay that is 4900 feet deep. Will improve the 3700 level between the Galena and Coeur to haul ore.

Structural analysis would also be used in predicting the extension of the Gold Hunter vein system by Brian White in the late 1970s, the discovery of the West Chance vein system by Craig Wavra (Sunshine Mining Company) in 1994 and new ore bodies in the Galena mine that are still being mined today.
New Jersey Mining, Silver Strand mine portal

About Titan 24: Deep Earth Imaging
The Titan 24 Deep Earth Imaging system is the most advanced electrical earth imaging technology to date. Titan 24 has been designed to serve the needs of exploration companies looking to make precise property evaluation decisions. Titan 24 measures the parameters of DC (resistivity), IP (chargeability) and MT (magnetotelluric resistivity. This system can measure down to depths of 750 meters (2,460 feet) with IP, and can explore beyond 1.5 kilometers (down to about one mile) with MT data. These depths and multi-parameter data make the Titan 24 one of the best option available for obtaining pre-drilling information related to geological features at depth.
Last fall, Timberline completed a Phase I exploration program at Snowstorm, designed as an initial evaluation of the potential for copper-silver mineralization in Upper Revett quartzite within the large project area. The program consisted of 10 core holes totaling 4,104 feet, drilled at nine widely-spaced sites along the projected mineralized horizon at depths ranging from 149 to 712 feet. Mineralization was found to occur within the lower unit of the Upper Revett quartzite, with all ten drill holes encountering the quartzite in thicknesses varying from 37 to 57 feet. Six holes encountered narrow irregular bands of mineralization grading up to 0.8-percent copper and 1.4 oz/t silver over a two-foot interval within the stratigraphic unit, with two additional holes returning anomalous values. Although the continuity of the stratigraphy and the mineralized horizon was demonstrated, bulk grades across the horizon were sub-economic, with copper values typically less than 0.3-percent and silver values typically less than 0.25 oz/t. Much of the mineralization in the shallower intercepts was oxidized with leaching contributing to the lower grades. In the sulfide zones, chalcopyrite was the predominate sulfide rather than bornite or chalcocite.

Timberline submitted a technical report on the Phase I exploration program at Snowstorm, along with a Phase II exploration proposal, to Hecla Mining Company (“Hecla”) as required by an earn-in agreement. Hecla has subsequently elected not to participate in future expenditures at
Snowstorm and thus retains a 4-percent net smelter returns (NSR) royalty on any future production from the project. Timberline now controls 100-percent of the Snowstorm Project.

Despite the inability of the Phase I program to indicate the presence of an economic Troy-type deposit over a broad area west of the Snowstorm Mine, at least three high-potential targets remain to be tested and were included in Timberline’s Phase II exploration proposal. They include:

- The faulted extension of the historic high-grade Snowstorm orebody. The Snowstorm Mine was a small but highly profitable operation that produced 800,000 tons of ore averaging 4-percent copper and 6 oz/t silver. The deposit was clearly truncated by a fault, the extension for which has never been found.

- The known low-grade stratabound copper-silver mineralization peripheral to the Snowstorm workings. Past drilling, primarily by Hecla, has demonstrated a “halo” grading approximately 1-percent (20 pounds per ton) copper and 1 oz/t silver and containing an estimated 5 to 10 million tons of mineralized material.

- The potential for a southeast-plunging ore zone in the area north and northwest of the upper Missoula workings and, perhaps, other stratabound targets within the Lower Revett quartzite below the stratigraphic section tested in Phase I.

Last spring, Timberline completed a program of dump sampling from mined rock near ten adits and a shaft located on the Snowstorm property.
These adits have been developed intermittently along the northwest trend of the Snowstorm mineralized zone. Based on the sampling program and historical data, Timberline developed a geologic model which suggested that the Snowstorm Mine might represent the high-grade core of a much larger, steeply-dipping zone of stratabound silver-copper mineralization. The fall drill program sought to validate this model. The sampling program targeted historic workings at the Snowstorm Mine, along with adits and shafts to the northwest in the Snowshoe, Lucky Calumet, and Missoula Tunnel areas. The sampled material is representative of the Snowstorm horizon from ten separate locations, covering a strike length of about 1.4 miles. The samples returned ore grade assays of 0.9 to 2.5-percent copper and 0.5 to 3.0 ounces per ton (oz/t) silver, with outlier results of up to 6.26-percent copper and 8.63 oz/t silver. These results compare favorably with the grades seen at the Troy, Rock Creek, and Montanore deposits, all high-tonnage ore bodies with a combined average grade of 0.74-percent copper and 1.73 oz/t silver.
Vancouver, BC – August 21, 2006 - Kobex Resources Ltd. (the “Company”) (TSX–V; KBX) announces that as of August 9th it has commenced drilling the Cumo Molybdenum property located in Idaho, USA.

Vancouver, BC – October 10, 2006 – Kobex Resources Ltd. (the “Company”) (TSX–V; KBX)
Kobex also advises that it has now terminated its option on the Cumo molybdenum–copper property in Idaho with Mosquito Consolidated Gold Mines Limited.

Discovered by AMAX in the 1970s. Property has 1.3 billion short tons of 0.093 percent MOS2. Located near Grimes Pass.

Sidney Resources Corporation (SRC), The Lucky Ben Mine Project surface and underground operations for 2006 are estimated to include:
Construction of 350’ of off site (public lands) new access road.
A minimum of 1500’ of on-site new roads which accesses the vein at the surface.
Up to 880’ of underground development drift mining to access several of the higher grade mineralized zones. One crew will be development mining.
Two vertical raises from this new lower mine level up to the old working level. These raises are used for ventilation, emergency escape routes and where production mining will begin, a separate crew will be
production mining at the same time development mining is proceeding. Production ore will be weight-measured, sampled and assayed and stockpiled. The mill and assay lab location on surface and on-site has been identified. The mill equipment will be purchased and construction will commence as soon as possible. The mill will process ore faster than it is produced.

**Potential Additional & Economically Viable Minerals**

The Lucky Ben Project is primarily a gold/silver deposit in the #4 Little Giant vein.

Four underground ore samples confirmed grades of cobalt ranging from 313 parts per million to 871 parts per million.

As we proceed with development and production mining, sampling and assaying will continue to determine cobalt grades and volume. Initial discussions with a cobalt concentrate buyer has been established. These assays are atomic absorption type and performed by a totally independent assay firm, Chris Christoferson, Inc.

October 17th, 2006 Status Report: After a delay of approval from the Forest Service for the new road access, we encountered an equipment availability problem followed by a last minute funding problem. Our major funder was unable to perform to the commitment that they had promised and we were forced to pursue other options. We are now finalizing
arrangements with 3 other very qualified funders, all with extensive experience in our industry. As soon as the funding is in place, we will be moving forward as rapidly as possible with full intentions of completing the new road access followed by the contract underground miners.

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Unity Gold Silver Mines, Inc., Ray Bohn, 509-747-1613. Cave in 2000 feet in mile-long crosscut. Have had it looked at by Ray Gill, but did no new mining this year. 158 patented acres, 598 other acres. Inbetween Sidney and Kimberly. Are talking to several groups about funding/investment.

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Portuguese Creek

Earl,
Not much happened at the mine site this past year. Work was also stopped at the pilot facility, however we feel confident we have a viable non-cyanide process that leaches our ore well and recoveries have been shown to be economic. We continue to work at the lab level but our main focus now is to procure financing for a full production plant.

In this regard, if you have any suggestions or have any idea in pointing us towards production dollars we would be most grateful. As for the geology, I will take a look at what can be shared and will get back to you by early next week.

Regards,

James Dascalos
Managing General Partner
Portuguese Creek Management LLC
Tel. 303-650-2762
Email. J.Dascalos@Comcast.net
Slide 33
International Stone, Boise

Slide 34
Pumice/Scoria in Boise. Fine grained basalt. Pit outside of Boise.

Slide 35
This is a 114 acre waste rock disposal area that has recently been reclaimed by regrading, a low-permeability clay cap, and engineered storm water channels. Started large scale reclamation in 2002, 3 years into 5 year project. Multiagency group. Pit partially backfilled.

Last night Kinross DeLamar received NWMA Environmental excellence award for their reclamation. Tribute to hard work and vision of DeLamar employees. Idaho state regulators also praise the job DeLamar is doing. AML closures continued across the state.
Monsanto, South Rasmussen, fold in waste shale