UPDATE ON NEVADA MINERAL PRODUCTION AND EXPLORATION

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¹Nevada Bureau of Mines and Geology (www.nbmg.unr.edu)

²Nevada Division of Minerals (minerals.state.nv.us)
Nevada is a really great place to explore for and mine gold - and many other mineral commodities.
Latest Statistics from the Nevada Division of Minerals (minerals.state.nv.us) and the Nevada Bureau of Mines and Geology (www.nbmg.unr.edu)

Photo credits to Mike Visher, Jeff Scovil, JGP, and others
The current boom (1981-2007) = 210M oz Au
(mostly Carlin and other Nevada deposits = 146M oz)
Goldfield (NV), Black Hills (SD), Cripple Creek (CO), porphyry Cu (AZ & UT) = 95M oz Au
'49ers = 29M oz Au

We are in the midst of the biggest gold-mining boom ever.
6.0 million ounces in 2007; $695 per ounce average price

Nevada produced ~78% of U.S. and 8% of world gold in 2007.
20 major gold operations (11 not on the Carlin trend with production >100,000 oz in 2007)

Major Mines, Oil Fields, and Geothermal Plants

- Precious Metals
- Industrial Minerals
- Copper and Molybdenum
- Oil Field
- Geothermal Plant
Trends of Mineral Deposits

X Metals (mostly Au, Cu, Ag)

X Industrial minerals
Trends of Mineral Deposits

Carlin trend – accounted for 49% of Nevada gold production last year, down from 51% in 2006.

X Metals (mostly Au, Cu, Ag)
Trends of Mineral Deposits

Battle Mountain-Eureka trend
(aka Cortez trend and with Getchell and Twin Creeks included) –

Eight deposits last year produced >100,000 oz of gold, including the Cortez JV (Pipeline) at 534,173 oz.

X Metals (mostly Au, Cu, Ag)
Trends of Mineral Deposits

Walker Lane

Also off any trend

Round Mountain Mine = 587,445 oz last year

X Metals (mostly Au, Cu, Ag)
The Nevada Bureau of Mines and Geology updated its “Gold and Silver Resources in Nevada” map in 2006 (Map 149, by Dave Davis, Joe Tingley, and John Muntean) with 943 deposits, in a database as well.

Locations of 943 known gold and silver deposits
The Nevada Bureau of Mines and Geology, in collaboration with the Nevada Division of Minerals, created an interactive map website with information on mineral and energy resources, land status, and other geographic information that helps with exploration and land-use decisions.

http://gis2.nbmg.unr.edu/
Multiple GIS layers are available to show in geographic relation to one another – here the 943 deposits on the map of “Gold and Silver Resources in Nevada” (NBMG Map 149, by Dave Davis, Joe Tingley, and John Muntean, published in 2006)

http://gis2.nbmg.unr.edu/
Multiple GIS layers are available to show in geographic relation to one another – here “significant” known gold, silver, copper, and molybdenum deposits.

http://gis2.nbmg.unr.edu/
Multiple GIS layers are available to show in geographic relation to one another – here land ownership/management.

http://gis2.nbmg.unr.edu/
49% of Nevada gold production in 2007 was from the Carlin trend. By the end of 2007, the Carlin trend had produced a total of 68.5 million ounces of gold (2,131 tonnes). If production levels hold, the trend will produce a cumulative amount of 100 million ounces by 2018.

The Betze-Post mine is the most productive pit: 1.22 million ounces of gold in 2007; total production now exceeds 26 million ounces; ~14 million ounces of additional resources and reserves.

The Meikle mine was the most productive underground mine: 413,186 ounces of gold in 2007; total production (1996-2007) = 7.1 million ounces of gold; ~5 million ounces of additional resources and reserves.
Newmont’s cumulative production from the Carlin trend (1965-2007) = 34.6 million ounces of Au
The Cortez Hills and Pediment deposits, near the earlier Cortez operations at the foot of Mount Tenabo, contain 9.6 million ounces, with intercepts as good as 410 feet @ 1.035 opt.

Discovered in October 2004; production expected in 2008.
Phoenix Project
(Newmont)

6.0 million ounces of gold
(reserve)

515 million pounds of copper (reserve)

Production began in 2004

Projecting

400,000 to 450,000 ounces of Au/yr
and 18 to 20 million pounds of Cu/yr
(+ 2.2 million ounces of Ag/yr)

2007 Production:

181,313 oz Au
664,787 oz Ag
10,808,208 lb Cu
Marigold production in 2007: 140,840 oz Au

MEASURED AND INDICATED RESOURCE:
71.6 million tons @ 0.031 opt = 2.22 million oz Au
HOLLISTER - Elko Co.

Great Basin Gold - www.greatbasingold.com
Low-sulfidation epithermal Au-Ag vein system in volcanic host rocks similar to Midas
HOLLISTER
Great Basin Gold

- N43-101 technical report completed 2007
- Proven and probable reserves of 868,500 tons grading 1.01 opt Au (877,000 oz) and 4.3 opt Ag (3,735,000 oz)
- Production began in late 2008; expected annual gold equivalent production of 160,000 oz for 6 yrs at a cash cost of $214/ton
- Toll milled at Newmont’s Midas Mine
Epithermal, hot-spring gold deposit in Tertiary rhyolite and Quaternary gravel
HYCROFT
Allied Nevada Gold Corp

- Mining has resumed.
- Reserves: 53.1 Mt @ 0.019 opt Au
- Resources: 283.4 Mt @ 0.019 opt Au
- Total: 6.39 million oz Au
- Further exploration is underway.
2007 Gold Production Per Unit Area

- Nevada: 648
- South Africa: 221
- Peru: 131
- Indonesia: 63
- Australia: 36
- China: 29
- USA: 26
- Canada: 10
- Russia: 9

Ghana: ~275

Worldwide average: (17)
For the first time in 100 years, South Africa is not the leading gold producer. China is #1, as of 2007.

South Africa’s production peaked at 1,000 metric tons of gold in 1970. China’s production reached an all-time high of 280 metric tons in 2007.

Percentage of Annual Gold Production by Country

Production statistics mostly from USGS/USBM
Production in the USSR peaked at ~311 tons of gold per year in 1956-1959 and reached 304 tons in 1989.

Percentage of Annual Gold Production by Country

Production statistics mostly from USGS/USBM
Production in the USA peaked at 366 metric tons (11.7 million troy ounces) of gold in 1998. That is ~ 1/3 of South Africa’s peak.

Production statistics mostly from USGS/USBM
China, Australia, South Africa, and the USA each account for about 10 to 11% of the world’s gold production today.

<table>
<thead>
<tr>
<th>Country</th>
<th>Peak Year</th>
<th>Tons</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Africa</td>
<td>1970</td>
<td>1,000</td>
</tr>
<tr>
<td>USA</td>
<td>1998</td>
<td>366</td>
</tr>
<tr>
<td>Australia</td>
<td>1997</td>
<td>314</td>
</tr>
<tr>
<td>USSR</td>
<td>1956-59</td>
<td>311</td>
</tr>
<tr>
<td>China</td>
<td>2007</td>
<td>280</td>
</tr>
<tr>
<td>Peru</td>
<td>2005</td>
<td>208</td>
</tr>
<tr>
<td>Canada</td>
<td>1991</td>
<td>177</td>
</tr>
<tr>
<td>WORLD</td>
<td>2000-1</td>
<td>2,600</td>
</tr>
</tbody>
</table>

Production statistics mostly from USGS/USBM
Demand for nearly every mineral (and energy) commodity is up.

- World Population: ~4X more than 100 years ago
- Per Capita Use: ~4X more per capita consumption than 100 years ago
- Iron Production: ~14X more production than 100 years ago

Demand is growing partly because world population is increasing, and partly because standards of living (measured by per capita consumption) are increasing.
Annual global iron-ore production reached an all-time high of 1.9 billion metric tons in 2007. That equals approximately 0.4 km³ of ore, or at least 1 km³ of ore plus overburden and waste rock – one huge mine, per year.
Demand for nearly every mineral (and energy) commodity is up.

Demand is growing partly because world population is increasing, and partly because standards of living (measured by per capita consumption) are increasing.

Copper Production
~22X more than 100 years ago

World Population
~6X more per capita consumption than 100 years ago

Per Capita Use
Global copper production in 2007 (15.6 million metric tons) nearly equaled over 100 years of production from the Bingham Canyon mine (16.4 million metric tons).
Demand for nearly every mineral (and energy) commodity is up.

Gold

- ~same per capita consumption as 100 years ago

- ~4X more production than 100 years ago

World Population

Per Capita Use

Gold Production

Gold production (metric tons)
World population (millions)
Per capita consumption (10X mg/person)
Global gold production in 2007 (2,476 metric tons) approximately equaled the cumulative production from the Carlin trend (2,200 tons), one of world’s top regions.
Coal

68% higher production than 27 years ago

12% higher per capita consumption than 27 years ago

World Population

Coal Production

Per Capita Use

Production statistics from DOE/EIA
Quadra Mining restarted production at the Robinson (Ely) mine in White Pine County in 2004
(reserve = 145 million tons @ 0.687% Cu, ~0.01% Mo, and 0.008 opt Au; ten-year mine life averaging 165 million pounds of Cu, up to 1 million pounds of Mo, and 57,000 ounces of Au per year; purchased from BHP Billiton for $18 million)

132 million pounds of Cu produced in 2007
62,000 pounds of Mo produced in 2007
Production from the Ashdown mine in Humboldt County (60:40 joint venture of Golden Phoenix and Win-Eldrich Gold) was 247,466 pounds of Mo in 2007. Temporarily closed late in 2008.

Reserves:
117,000 tons @ 1.65% Mo
Nevada Population

Projected to be 4.4 million by 2026
Nevada Aggregate

Production, Millions of Tons

Gypsum at the Selenite pit, Empire mine, Pershing County
Miocene fish fossils in diatomite
Lithium mining – unconventional; extraction of brine from wells in Clayton Valley, Esmeralda County
390,000-year-old cinder cone – See www.EarthCache.org or http://www.nbmg.unr.edu/earthcache/ec.htm

Lithium-brine evaporation ponds
390,000-year-old cinder cone –
See www.EarthCache.org or http://www.nbmg.unr.edu/earthcache/ec.htm

Lithium-brine evaporation pond
Nevada Mining Association’s 2008 Teachers Workshop – examining salt (NaCl) precipitated during evaporation to concentrate Li in the brine.
390,000-year-old cinder cone –
See www.EarthCache.org or http://www.nbmg.unr.edu/earthcache/ec.htm

Lithium-brine evaporation pond
Mineral Ridge, Silver Peak Range, west of Clayton Valley

Lithium-brine evaporation pond
Nevada is the leading barite producer in the USA.
-$70 million/year in electricity sales (could be much more).
Capacity is rising as new plants come on line.
Known and Potential Geothermal Resources

Compiled by the Energy and Geoscience Institute, University of Utah
Fly Ranch Geyser, Washoe County

NBMG Map 141, revised edition ($16 or free, along with considerable data on individual geothermal areas and springs, at www.nbmg.unr.edu)
Nevada is a great place to explore and mine.
Arnold Schwarzenegger – Jesse Ventura Tag Team

California vs. Minnesota
Why is there so much gold in Nevada?

OUR PREFERRED ANSWER: BECAUSE OF A RICH GEOLOGIC HISTORY OF IGNEOUS ACTIVITY, PARTICULARLY DURING THE JURASSIC, CRETACEOUS, AND TERTIARY PERIODS.

28 kg (901 troy ounces) of Au Cortez Gold Pipeline deposit (worth ~ $740,000)
# Nevada Mining Financial Assurance

(in millions)

<table>
<thead>
<tr>
<th></th>
<th>2003</th>
<th>2005</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonds</td>
<td>$272</td>
<td>$248</td>
<td>$210.6</td>
<td>$214.0</td>
</tr>
<tr>
<td>Letters of Credit</td>
<td>In above</td>
<td>$254</td>
<td>$412.7</td>
<td>$618.1</td>
</tr>
<tr>
<td>CD / Cash</td>
<td>In above</td>
<td>$4</td>
<td>$4.7</td>
<td>$9.3</td>
</tr>
<tr>
<td>Corp Guarantee</td>
<td>$271</td>
<td>$204</td>
<td>$187.3</td>
<td>$182.0</td>
</tr>
<tr>
<td>USFS</td>
<td>$14</td>
<td>$10</td>
<td>$12.3</td>
<td>$12.5</td>
</tr>
<tr>
<td>Bond Pool</td>
<td>$1</td>
<td>$1</td>
<td>$2.3</td>
<td>$2.7</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$558</strong></td>
<td><strong>$721</strong></td>
<td><strong>$829.9</strong></td>
<td><strong>$1,038.6</strong></td>
</tr>
</tbody>
</table>
EXPLORATION

Nevada Mining Association’s 2008 Teachers Workshop
Exploration is occurring in most of Nevada’s 17 counties and many of its 526 mining districts.
NEVADA EXPLORATION SURVEY 2007

- NDOM fourteenth annual survey
  - Level of exploration activity
  - Factors influencing these levels
- Exploration and mining companies with projects or claims in Nevada
- 31 respondents from ~100 questionnaires
SURVEY TOPICS

• Exploration expenditures
• Geologists employed
• Number of claims held
• Breakdown of exploration expenditures
• Factors influencing activity
• Type of reserve replacement
• Overall attitude toward exploration
NEVADA EXPLORATION EXPENDITURES 2007

Expenditures in Dollars

Number of Respondents

- $0-9,999: 3
- $10,000-$99,999: 6
- $100,000-$499,999: 16
- $500,000-$999,999: 6
- $1,000,000-$9,999,999: 4
- $10,000,000 or more: 2
TOTAL EXPLORATION SPENDING 2007/2008

- Actual 2007:
  - Rest of World: 167.9
  - Rest of U.S.: 30.7
  - Nevada: 756.7

- Projected 2008:
  - Rest of World: 197.1
  - Rest of U.S.: 21.8
  - Nevada: 582.0

Total: 800.9
NUMBER OF CLAIMS HELD BY RESPONDENTS 2007/2008

- All Respondents
- Respondents >= $1M
- Respondents <$1M

CLAIMS HELD (THOUSANDS)


Rest of U.S.  Nevada
BREAKDOWN OF NEVADA EXPENSES 2007

ALL RESPONDENTS

RESPONDENTS >=$1M

RESPONDENTS <$1M

- Actual Exploration
- Land Holding
- Permitting /Compliance
- Corporate

67%
12%
12%
9%

51%
21%
10%
18%
FACTORS INFLUENCING ACTIVITY 2007
ALL RESPONDENTS

- Favorable Geology
- Commodity Prices
- Length of Permitting Times
- New Discoveries
- Uncertainty of Permitting
- Mining Law Reform
- Federal Claim Fees
- Land Exchanges
- Wilderness Study Areas
- Foreign Mining Laws

Categories: NOT MUCH, SOME, A GREAT DEAL
ACTIVE CLAIMS & GOLD PRICES, 1982-2007

187,165 active claims on October 1, 2007

NOTE: Claim data from the BLM Public Land Statistics
210,158 active claims on October 1, 2008 (up 12.3% from 2007)
Active Claims 2007
(by township)
New Claims Staked 2007

There were 32,556 new claims filed in 2007 (32,472 in FY 08)
Mostly gold, but also copper, molybdenum, silver, tungsten, uranium, zinc, . . .

At least 69 companies (juniors to majors) drilled at least 127 projects in 2007 (10 more than in 2006)

**Exploration Activity 2007**

Mostly gold, but also copper, molybdenum, silver, tungsten, uranium, zinc, . . .
### TOP 10 PROJECTS - NEVADA 2007

(If you had invested equally in each company, 12/07 to 12/08)

<table>
<thead>
<tr>
<th>Project</th>
<th>Company</th>
<th>Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hollister</td>
<td>Great Basin Gold</td>
<td>-175.0%</td>
</tr>
<tr>
<td>Indian Springs</td>
<td>Galway Resources</td>
<td>-1,000.0%</td>
</tr>
<tr>
<td>Long Canyon</td>
<td>AuEx</td>
<td>-100.0%</td>
</tr>
<tr>
<td>Moly Dome</td>
<td>Mexivada</td>
<td>-515.4%</td>
</tr>
<tr>
<td>Mt. Hope</td>
<td>General Moly</td>
<td>-687.1%</td>
</tr>
<tr>
<td>Northumberland</td>
<td>Fronteer</td>
<td>-354.3%</td>
</tr>
<tr>
<td>Pumpkin Hollow</td>
<td>Nevada Copper</td>
<td>-829.0%</td>
</tr>
<tr>
<td>Sandman</td>
<td>Fronteer</td>
<td>-354.3%</td>
</tr>
<tr>
<td>South Arturo</td>
<td>Barrick</td>
<td>-9.8%</td>
</tr>
<tr>
<td>Spring Valley</td>
<td>Midway Gold</td>
<td>-695.0%</td>
</tr>
</tbody>
</table>

**TOTAL RETURN** -71.71%
NEVADA’S TOP TEN 2008

- This presentation includes certain statements that may be deemed “forward-looking statements”. Investors are cautioned that any such statements are not guarantees of future performance and actual results or developments may differ materially from those projected in the forward-looking statements. For more information on the risks inherent in the Company’s business, Investors should review the Company’s annual Form 20-F filing with the United States Securities Commission and its home jurisdiction filings that are available at www.sedar.com.
- Mineral resources do not have demonstrated economic viability. Investors are cautioned not to assume that any part or all of the mineral deposits in these categories will ever achieve the status of ore reserves.
- All information relating to the contents of the Pre-Feasibility Study, including but not limited to statements of the Burnstone project’s potential and the other information such as capital and operating costs, production summary, and financial analysis, are “forward looking statements” within the definition of the United States Private Securities Litigation Reform Act of 1995. The information relating to the possible construction of conveyor, grinding and leaching plant facilities also constitutes such “forward looking statements.” The Pre-feasibility Study was prepared to broadly quantify the Burnstone project’s capital and operating cost parameters and to provide guidance on the type and scale of future project engineering and development work that will be needed to ultimately define the project’s likelihood of feasibility and optimal production rate. It was not prepared to be used as a valuation of the Burnstone project nor should it be considered to be a final feasibility study. The capital and operating cost estimates which were used have been developed only to an approximate order of magnitude based on generally understood capital cost to production level relationships, and although they are based on engineering studies, these are preliminary so the ultimate costs may vary widely from the amounts set out in the Pre-feasibility Study. These factors could materially adversely impact the projected economics of the Burnstone project. As is normal at this stage of a project, data in some areas was incomplete and estimates were developed based solely on the expertise of the individuals involved as well as the assessments of other persons who were involved with previous operators of the project. At this level of engineering, the criteria, methods and estimates are preliminary and result in a high level of subjective judgment being employed. There can be no assurance that the potential results contained in the Pre-feasibility Study will be realized.
- The following are the principal risk factors and uncertainties which, in management’s opinion, are likely to most directly affect the conclusions of the Pre-feasibility Study and the ultimate feasibility of the Burnstone project. The mineralized material at the Burnstone project is currently classified as a measured and indicated resource, and a portion of it qualifies under Canadian mining disclosure standards as a proven and probable reserve, but readers are cautioned that no part of the Burnstone project’s mineralization is considered to be a reserve under US mining standards. For US mining standards, a full feasibility study would be required, which would likely require some additional drilling and metallurgical studies, supplementary process tests and other engineering and geologic work additionally all necessary mining permits would be required in order to classify the project’s mineralized material as an economically exploitable ore reserve. There can be no assurance that this mineralized material will become classifiable as a reserve and there is no assurance as to the amount, if any, that might ultimately qualify as a reserve or what the grade of such reserve amounts would be. Final feasibility work has not been done to confirm the mine design, mining methods and processing methods assumed in the Pre-feasibility Study. Final feasibility could determine that the assumed mine design, mining methods and processing methods are not correct. Construction and operation of the mine and processing facilities depend on securing environmental and other permits on a timely basis. No permits have been applied for and there can be no assurance that required permits can be secured on a timely basis. Data is not complete and cost estimates have been developed, in part, based on the expertise of the individuals participating in the preparation of the Pre-feasibility Study and on costs derived from projects which are believed to be comparable, and they are not based on firm price quotes. Costs, including design, procurement, construction and ongoing operating costs and metal recoveries could be materially different from those contained in the Pre-feasibility Study. There can be no assurance that mining can be conducted at the rates and grades assumed in the Pre-feasibility Study. There can be no assurance that these infrastructure facilities can be developed on a timely and cost-effective basis. Energy risks include the potential for significant increases in the cost of fuel and electricity. The Pre-feasibility Study assumes specified, long-term prices levels for gold. The price of this metal is historically volatile, and the Company has no control of or influence on its price which is determined in international markets. There can be no assurance that the price of gold will continue at current levels or that it will not decline below the prices assumed in the Pre-feasibility Study. Prices for gold have been below the price ranges assumed in Pre-feasibility Study at times during the past ten years, and for extended periods of time. The project will require major financing, probably a combination of debt and equity financing. Interest rates are at historically low levels. There can be no assurance that debt and/or equity financing will be available on acceptable terms. A significant increase in costs of capital could materially adversely affect the value and feasibility of constructing the project. Other general risks include those ordinary to very large construction projects, including the general uncertainties inherent in engineering and construction cost, the need to comply with generally increasing environmental obligations, and accommodation of local and community concerns. South African mining tenure laws require that significant economic ownership in Burnstone be held by historically disadvantaged peoples and for which ownership rights the Company may not be significantly compensated. The economics of the Burnstone Project are sensitive to the US Dollar and South African Rand exchange rate and this rate has been subject to large fluctuations in the last several years.
Lithium enriched hectorite clay in altered volcaniclastic moat sediments of the Miocene McDermitt Caldera.
KINGS VALLEY
Western Lithium Corporation

KINGS VALLEY LITHIUM PROJECT, NEVADA

LCE  Lithium carbonate equivalent

Claim block
- Lithium - high grade
- Lithium mineralization
- Uranium ore zones
- Moat sediments

Note: Lithium estimate defined by Chevron Resources. These figures are not 43-101 compliant and, as such, should not be relied upon.

0  6000
METERS

PCD Lens 0.8 Mt LCE 45 drill holes completed
KINGS VALLEY
Western Lithium Corporation

KINGS VALLEY LITHIUM PROJECT, NEVADA
KINGS VALLEY
Western Lithium Corporation

• In 1985 Chevron identified five pods of lithium enriched clay and produced a non-compliant NI 43-101 resource of 24 billion lbs of lithium carbonate equivalent (LCE)
• 45 in-fill and confirmation holes completed
• Bench scale metallurgical testing underway
• NI 43-101 resource estimate by end of 2008
• Current price of LCE is $3.00/lb
LONG CANYON - Elko Co.  
Fronteer (JV with AuEx)
www.fronteergroup.com / www.auexventures.com

Near surface oxidized sediment-hosted Carlin-type gold deposit associated with solution breccias and stratabound horizons
LONG CANYON
Fronteer (JV with AuEx)
LONG CANYON  
*Fronteer (JV with AuEx)*

- Multiple zones of near-surface oxide gold mineralization drilled over an open-ended 6,000 ft long and 1,300 ft wide footprint
- 130 drill holes (69,700 feet) completed in 2008 with 20 additional holes planned
- NI 43-101 planned by February, 2009
- Fronteer is now majority owner (51%) and manager of Long Canyon project
Low-sulfidation high-grade epithermal gold system with multiple quartz-adularia-gold bonanza veins
MIDWAY
Midway Gold

• Plan of operations submitted January 2008

• Planned 3,000 ft underground decline to provide access to high grade portions of 14 gold veins in the Discovery Zone

• 50,000 ton bulk sample for metallurgical testing and to help delineate reserves

• Free gold recoverable by gravity circuit

• Production expected December 2009
MT. HOPE - Eureka Co.

General Moly - www.generalmoly.com
Classic molybdenum porphyry with two dome shaped shells of quartz porphyry weakly to densely veined by quartz stockworks containing molybdenite.
MT. HOPE

General Moly

- One of the world’s largest and highest grade undeveloped molybdenum deposits
- 1.3 B lbs Mo (proven and probable)
- 40 M lbs Mo/yr @ 0.103% Mo (first 5 yrs)
- Net Present Value of $1.0 B at $15/lb Mo
- Capital cost estimate at more than $1.0 B
- Permits expected in 2009, production in late 2010 or early 2011
PUMPKIN HOLLOW - Lyon Co.

Nevada Copper - www.nevadacopper.com

High grade copper/magnetite skarn associated with a copper porphyry system
PUMPKIN HOLLOW

Nevada Copper

High Grade Underground Copper Deposits

Note: Property extends off map in all directions.

Copper - Iron Open Pit Deposits
PUMPKIN HOLLOW  Nevada Copper

East and E-2 Mine Plan

S
5,000'

E-2 SERVICE SHAFT

4,000'

Alluvium

EAST PRODUCTION SHAFT

Volcanics

3,000'

Sediments

E-2 DEPOSIT

2,000'

ORE & WASTE PASSES

SERVICE & HAULAGE LEVEL

ORE PASS

EAST DEPOSIT

ACCESS RAMP

ORE & WASTE PASSES

CRUSHING & LOADING FACILITY

JK-34 ZONE (70 ft. 2.5%)

OPEN

Intrusives
• NI 43-101 completed in October, 2007 based on 590,000 ft of previous drilling
• 4 B lbs Cu (measured and indicated) plus 3.9 B lbs Cu (inferred) = 7.9 B lbs total
• + 144 M tons Fe, 1.3 M oz Au, 57 M oz Ag
• NPV of $784 M at a $1.75/lb copper price
• Currently drilling 71 holes (80,000 feet)
• Updated resource estimate in early 2009
Five partially drilled gold-silver deposits

Four (North Hill, Silica Ridge, Southeast Pediment, and Able Knoll) are volcanic-hosted low-sulfidation epithermal deposits

One (Tenmile) is low-sulfidation pluton-hosted quartz vein with alluvial gold

All have oxide resources with mostly fine to medium free gold

SANDMAN

Fronteer (JV with Newmont)
SANDMAN
Fronteer (JV with Newmont)

- Includes five identified gold deposits that are all open for expansion
- 2007 NI 43-101 resource estimate of 271,900 oz measured and indicated and 38,000 oz inferred gold
- Recent JV agreement with Newmont
- Located principally on private land with permitting underway
SOUTH ARTURO – Elko Co.

Barrick Gold – www.barrick.com

A new discovery under the closed Dee Mine on the Carlin trend
South Arturo - Hinge Section

Hinge Zone - NS Section C-C'
300' Width - Looking West

- Tertiary Carlin Formation
- Breccia
- Devonian Rodeo Creek
- Silurian/Devonian Bootstrap Limestone
- Ordovician Vintini Pm
- Dike

Au intercept >= 0.005 opt
No Recovery
SOUTH ARTURO – Barrick Gold

ARTURO/DEE $575 PIT LOOKING WEST SHOWING PLUS .100 OPT/AU BLOCKS
SOUTH ARTURO

Barrick Gold

• Best intercepts to date:
  – 460 ft of 0.210 opt Au
  – 845 ft of 0.118 opt Au
  – 673 ft of 0.149 opt Au

• Continued exploration activities at Hinge and Button Hill areas

• Proves +1.3 million oz of oxide gold can still be found on the Carlin trend
SPRING VALLEY
*Midway Gold*

Diatreme/porphyry hosted gold system associated with a rhyolitic volcanic vent complex

2008 Spring Valley 3D Model
LG Shells, Drill Holes, Model
SPRING VALLEY
Midway Gold

- Updated NI 43-101 in March 2008 with inferred resource estimate of 50.6 million tons @ 0.0196 opt Au (992,152 oz Au)
- $24 M invested to date
- JV with Barrick Gold Exploration with Barrick to earn 60% interest by spending $30 M over 5 years
- New gold intercepts in Big Leap Zone
Scheelite bearing tactite replacing limestone beds in a thick hornfels sequence intruded by three small irregular granodiorite stocks.
SPRINGER MINE

Golden Predator

• Acquired mining and milling complex in November 2006 from General Electric
• Historic tungsten resources are 3.59 million tons grading 0.446% WO₃ for a total of 1.60 M stu WO₃ (1 short ton unit - 20 lbs)
• Recent +1% WO₃ from George Bed area
• Custom mill planned for the region’s many smaller high grade precious metal resources
THUNDER MOUNTAIN - Nye Co.

Midway Gold (JV with Kinross)

www.midwaygold.com / www.kinrossgold.com

High grade epithermal quartz-adularia-gold veins in volcanics
"The structural zone at Thunder Mountain hosts several intrusive bodies that are locally altered and have altered adjacent felsic tuff beds. The volcanic and intrusive lithologies include flow-banded rhyolitic, andesitic, and dacitic rock units. Alteration assemblages include silicification, argillization, pyritization, and sericitization."
“Fire assay results for four holes totaling 1,120 feet drilled this year have been received and include 10 feet of 0.389 ounces per ton (opt) gold within 40 feet of 0.135 opt gold in drill hole TM08-09. The true thicknesses of these intercepts are estimated to be 5.5 and 17.5 feet respectively.

These intercepts were in the Beckie vein, approximately 50 to 100 feet northwest of 2007 drill holes TM07-04, which contained 5 feet of 1.187 opt gold within 20 feet of 0.342 opt gold, and TH-27 which encountered 10 feet 1.93 opt gold in 30 feet of 0.705 gold. The 2008 drilling demonstrates that the high grade zone remains open to the northwest.”

www.midwaygold.com
OTHER IMPORTANT TOPICS

• County Land Bills / New Wilderness Areas
• Mineral and Energy Potential Maps
• Mining Claim Remonumentation
• Great Basin Science Sample and Records Library – Geoscience Collections and Data Preservation
• Mining claim fee to support Mackay
Ten Top Reasons to Explore in Nevada

1. Great geology and mineral potential
2. Many large producing mines, including high-grade, underground mines
3. Mines operated by leading international companies
4. Regulatory system with recent examples of rapid permitting

5. Good infrastructure (roads, drillers, hotels, supplies, assayers, etc.)

6. Large areas of public land open to exploration

7. Dry climate and year round access
8. Network of knowledgeable exploration geologists, organizations, and agencies
(Geological Society of Nevada, Nevada Mining Association, Nevada Division of Minerals, Nevada Bureau of Mines & Geology, Ralph Roberts Center for Research in Economic Geology, and other units of the Mackay School of Earth Sciences and Engineering)

9. Recent discoveries and new mines
Ten Top Reasons to Explore in Nevada (continued)

10. No malaria, black flies, moose, polar bears, desert death adders, or crocodiles; just elephants.
THE MAIN POINT

Nevada is a really great place to explore for and mine gold - and many other mineral commodities.
THANK YOU!

Round Mountain
55 pounds
@ $800/oz = $640,000

05/18/2006
Gold, Round Mountain

Opal, Virgin Valley