UPDATE ON NEVADA MINERAL PRODUCTION AND EXPLORATION

Jonathan G. Price¹, Alan R. Coyner², John Muntean¹, and Doug Driesner²

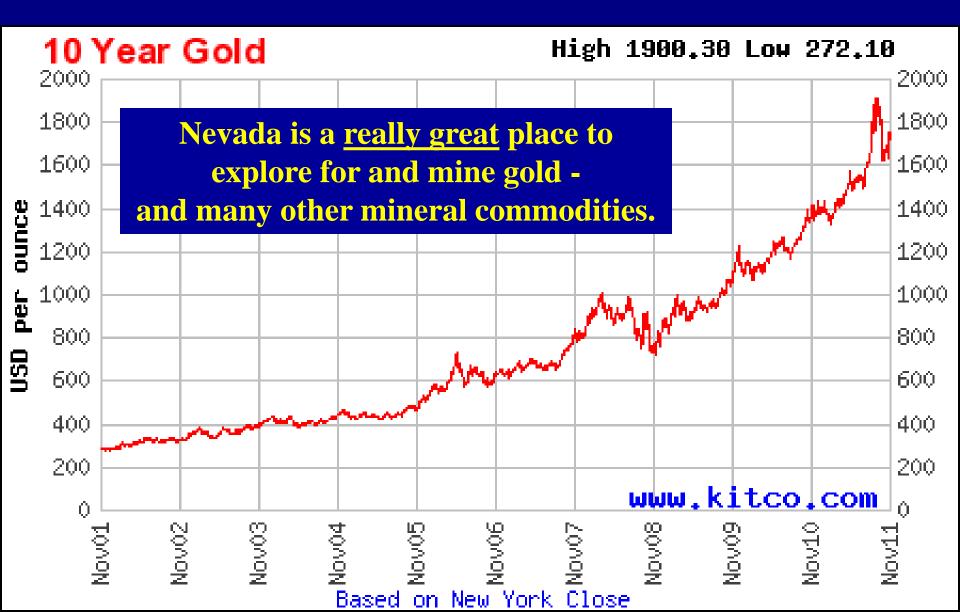
¹Nevada Bureau of Mines and Geology (www.nbmg.unr.edu)



²Nevada Division of Minerals (minerals.state.nv.us)

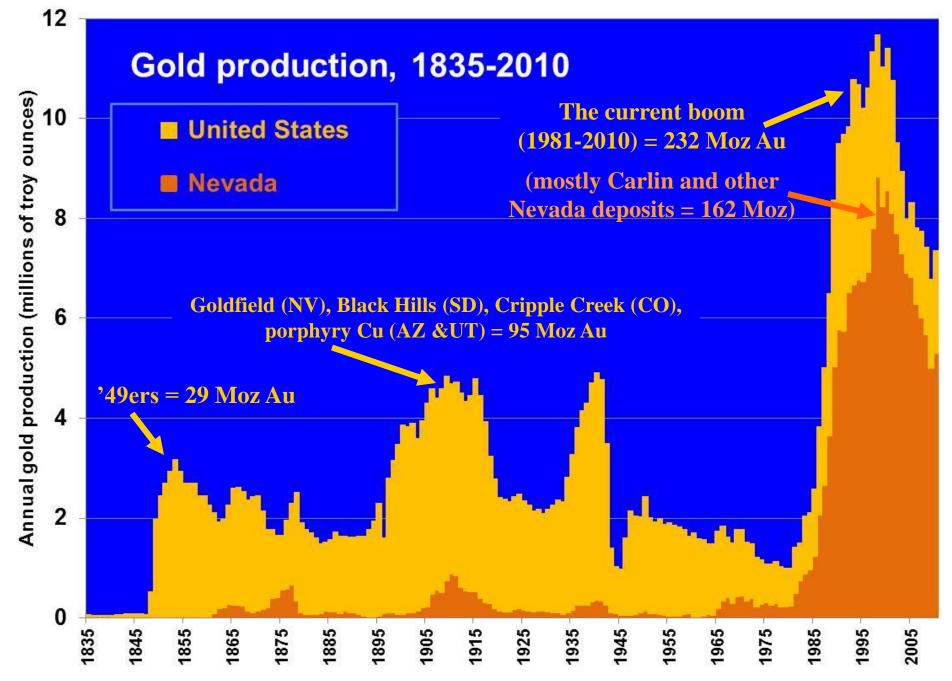


THE MAIN POINT

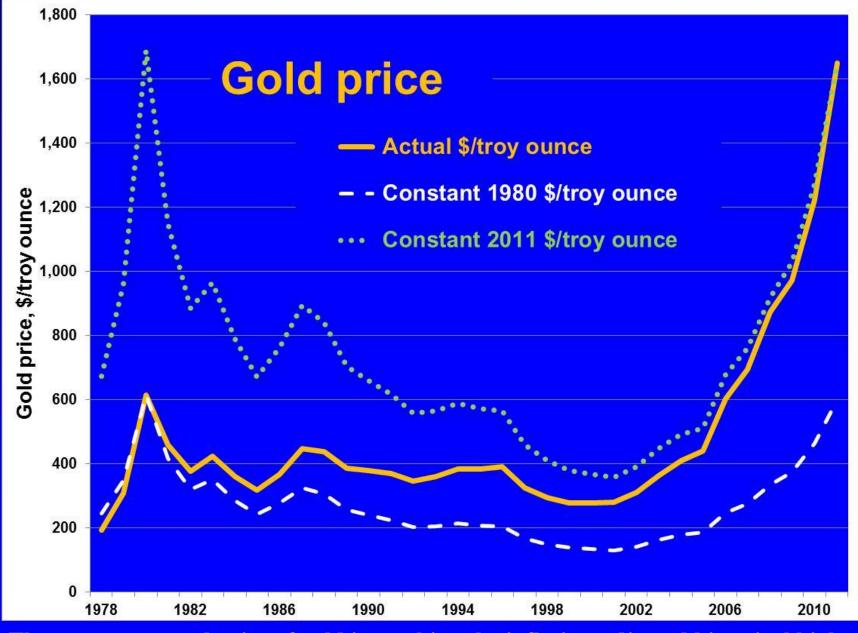


NEVADA MINING INFO

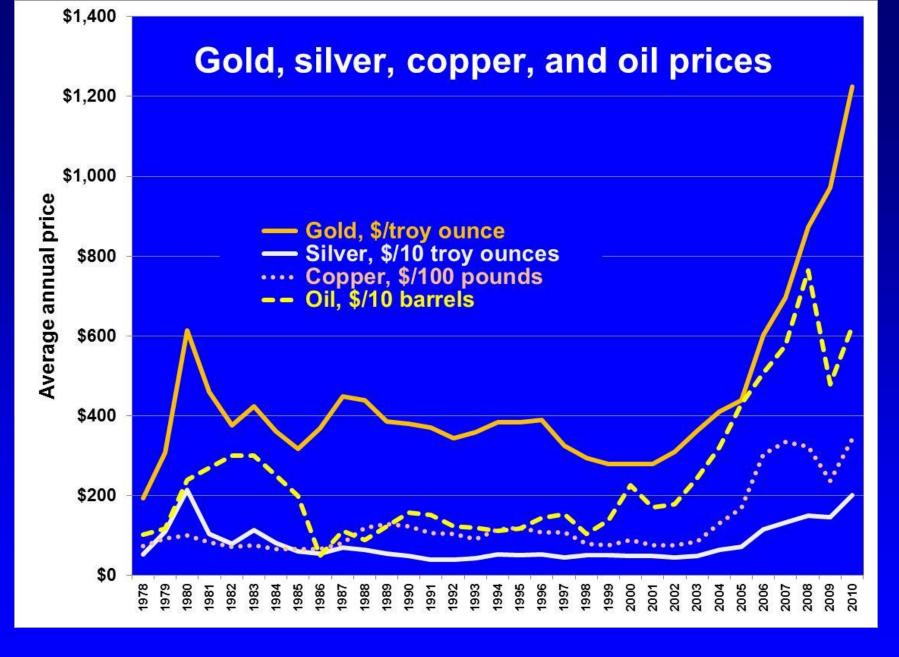
- Major Mines of Nevada
- Nevada Exploration Survey
 - NDOM (http://minerals.state.nv.us)
- The Nevada Mineral Industry
 - NBMG (www.nbmg.unr.edu)
- Economic Overview of the Nevada Mining Industry
 - NvMA (www.nevadamining.org)



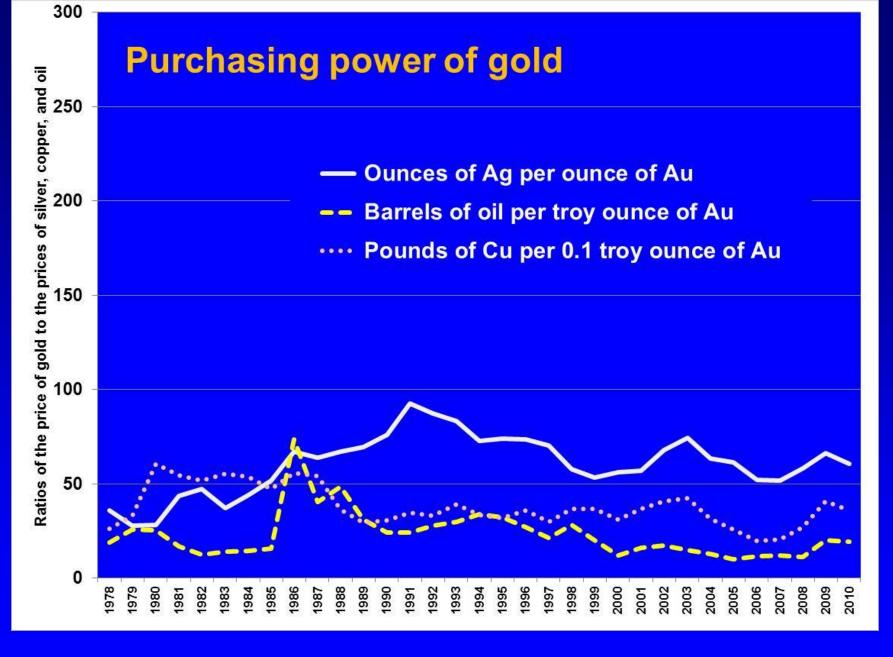
We are in the midst of the biggest gold-mining boom in American history.



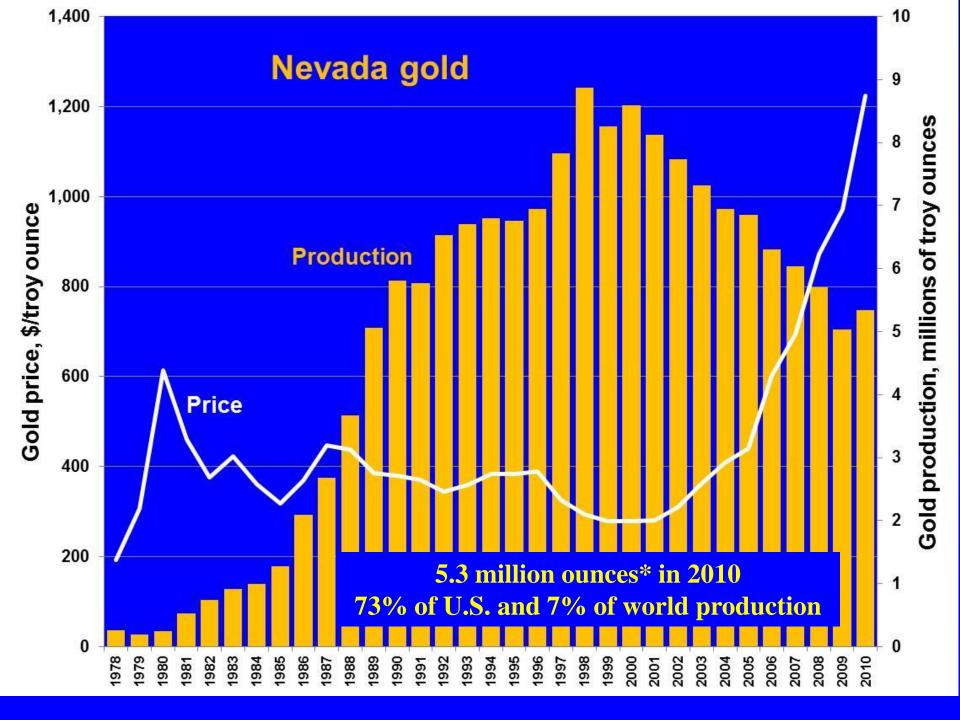
The average annual price of gold is reaching the inflation-adjusted historical high; \$613/ounce in 1980 = \$1,689/ounce in 2011, when adjusted for inflation.

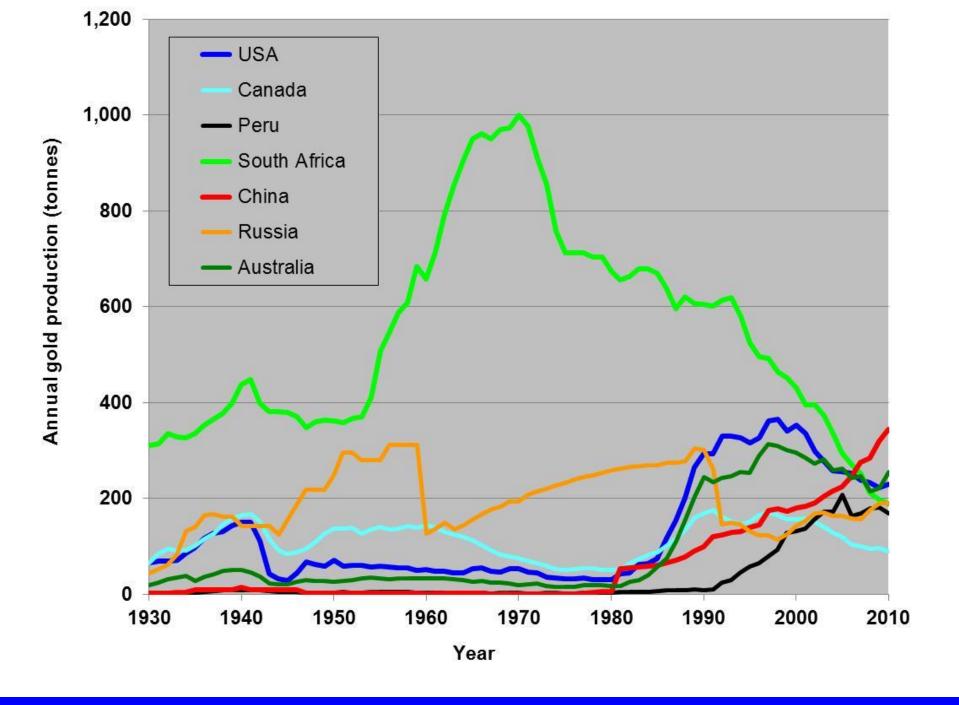


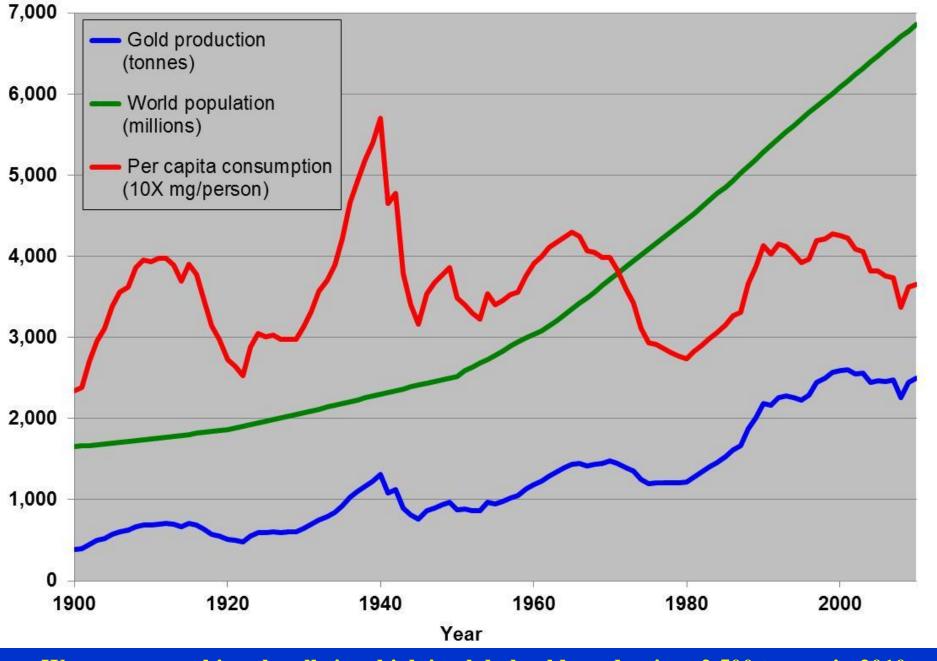
In general, the prices of commodity prices have risen in recent years.



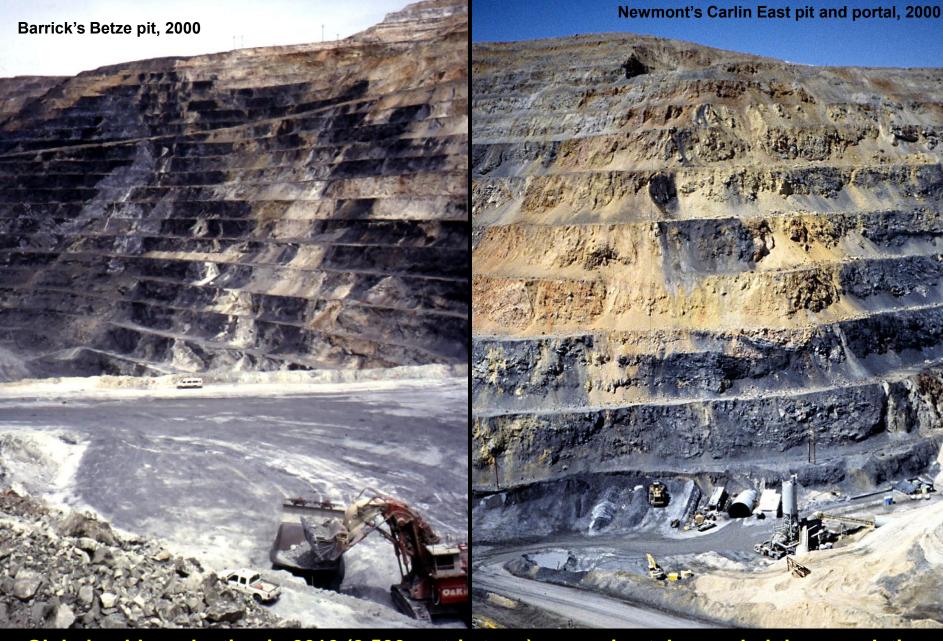
In general, gold has kept its purchasing power over the years.



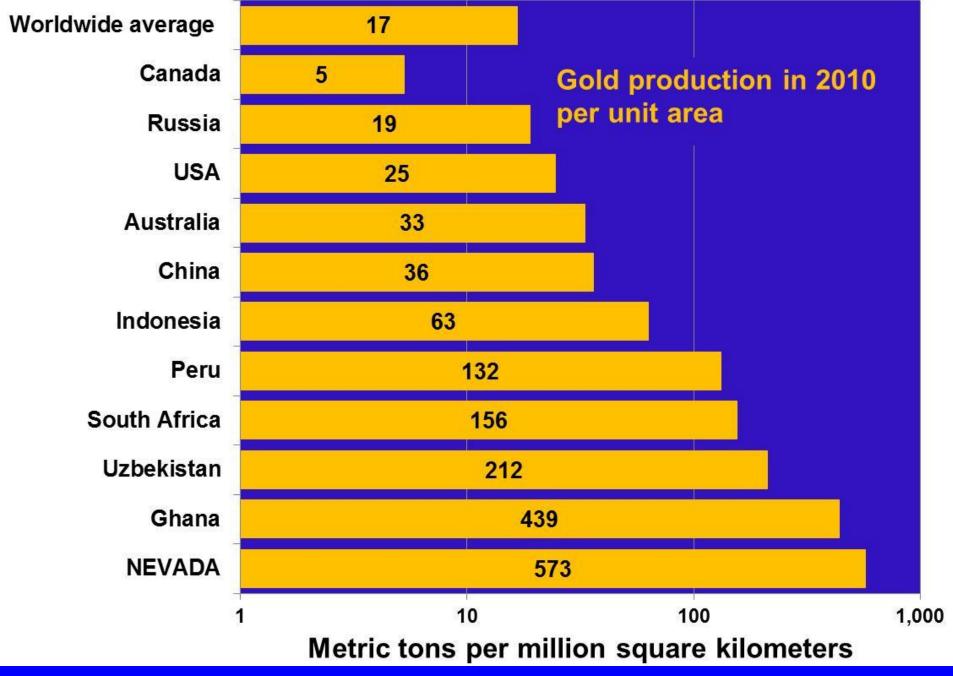




We are approaching the all-time high in global gold production: 2,500 tonnes in 2010 versus 2,600 tonnes in 2001.



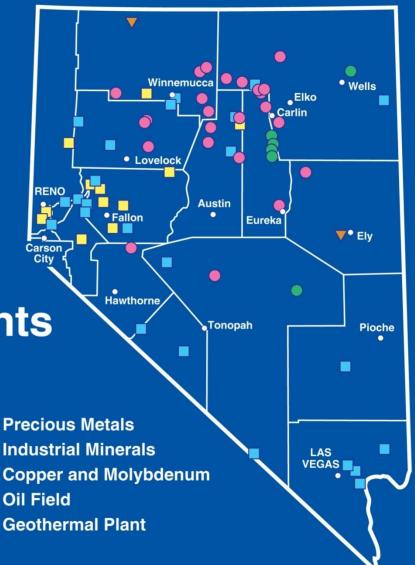
Global gold production in 2010 (2,500 metric tons) approximately equaled the cumulative production from the Carlin trend (2,373 tons), one of world's top regions.



Nevada is certainly one of the best places, if not the best, to explore for and mine gold.

20 major gold operations (10 not on the Carlin trend with production >100,000 ounces in 2010)

Major Mines,
Oil Fields, and
Geothermal Plants



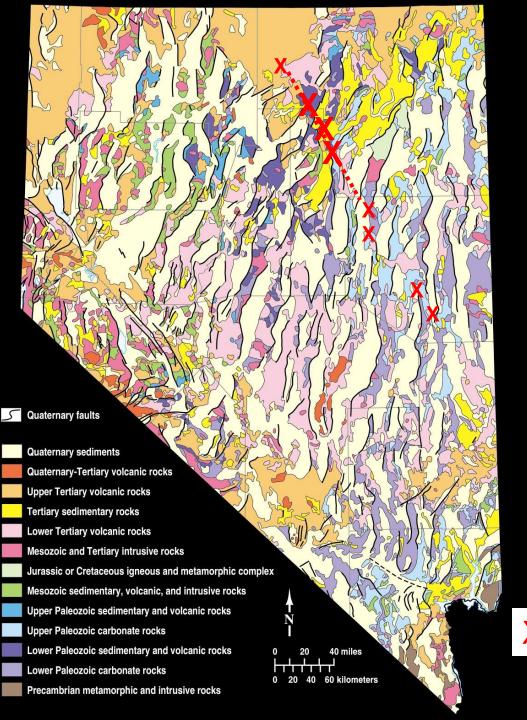




Quaternary faults **Quaternary sediments Quaternary-Tertiary volcanic rocks** Upper Tertiary volcanic rocks Tertiary sedimentary rocks Lower Tertiary volcanic rocks Mesozoic and Tertiary intrusive rocks Jurassic or Cretaceous igneous and metamorphic complex Mesozoic sedimentary, volcanic, and intrusive rocks Upper Paleozoic sedimentary and volcanic rocks Upper Paleozoic carbonate rocks Lower Paleozoic sedimentary and volcanic rocks Lower Paleozoic carbonate rocks 0 20 40 60 kilometers Precambrian metamorphic and intrusive rocks

Trends of Mineral Deposits

- X Metals (mostly Au, Cu, Ag)
- X Industrial minerals



Trends of Mineral Deposits

Carlin trend –

accounted for 41% of Nevada gold production in 2010, down from 54% in 2008 and 50% in 2009.



X Metals (mostly Au, Cu, Ag)

Quaternary faults **Quaternary sediments** Quaternary-Tertiary volcanic rocks Upper Tertiary volcanic rocks Tertiary sedimentary rocks Lower Tertiary volcanic rocks Mesozoic and Tertiary intrusive rocks Jurassic or Cretaceous igneous and metamorphic complex Mesozoic sedimentary, volcanic, and intrusive rocks Upper Paleozoic sedimentary and volcanic rocks Upper Paleozoic carbonate rocks Lower Paleozoic sedimentary and volcanic rocks Lower Paleozoic carbonate rocks Precambrian metamorphic and intrusive rocks

Trends of Mineral Deposits

Battle Mountain-Eureka trend

(aka Cortez trend and with Turquoise Ridge and Twin Creeks included) —

Seven deposits last year produced >100,000 oz of gold, including Cortez (Pipeline + Cortez Hills) at 1,139,976 oz Au, up substantially from 517,512 oz Au in 2009.

X Metals (mostly Au, Cu, Ag)

Quaternary faults **Quaternary sediments** Quaternary-Tertiary volcanic rocks Upper Tertiary volcanic rocks Tertiary sedimentary rocks Lower Tertiary volcanic rocks Mesozoic and Tertiary intrusive rocks Jurassic or Cretaceous igneous and metamorphic complex Mesozoic sedimentary, volcanic, and intrusive rocks Upper Paleozoic sedimentary and volcanic rocks Upper Paleozoic carbonate rocks Lower Paleozoic sedimentary and volcanic rocks Lower Paleozoic carbonate rocks 0 20 40 60 kilometers Precambrian metamorphic and intrusive rocks

Trends of Mineral Deposits

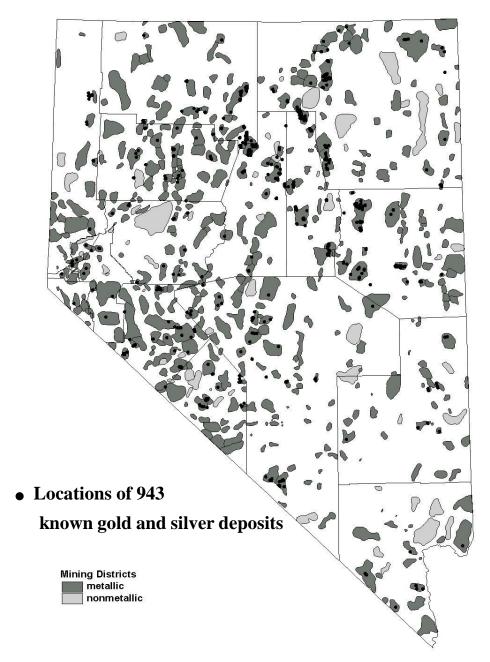
Walker Lane

Also off any trend

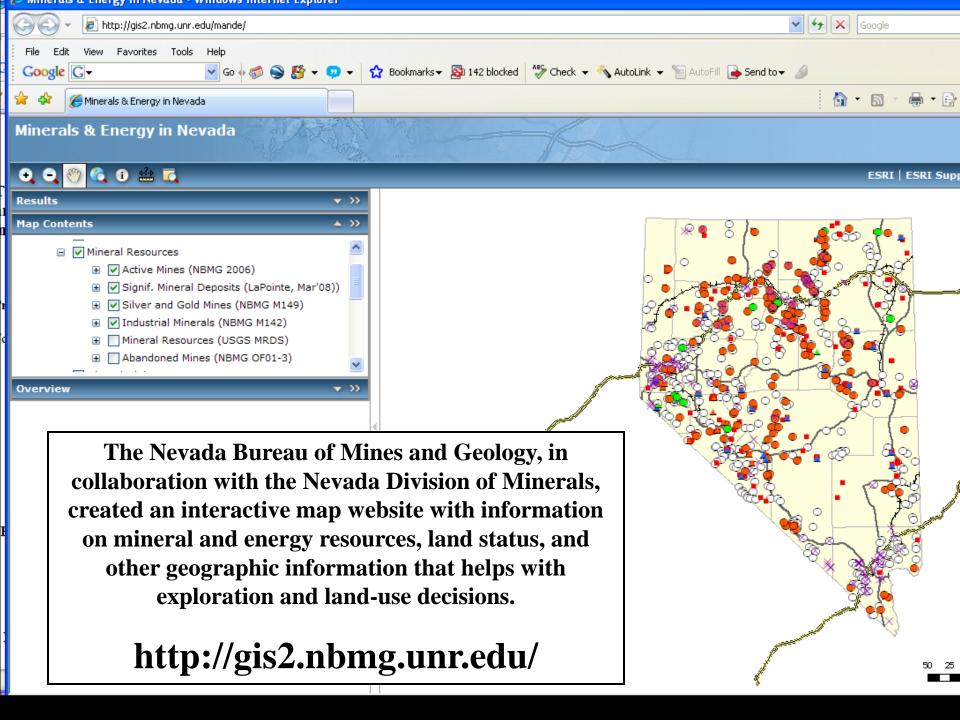
Round Mountain Mine = 358,614 oz Au in 2010; with year-end reserves and resources of 4.8 Moz Au

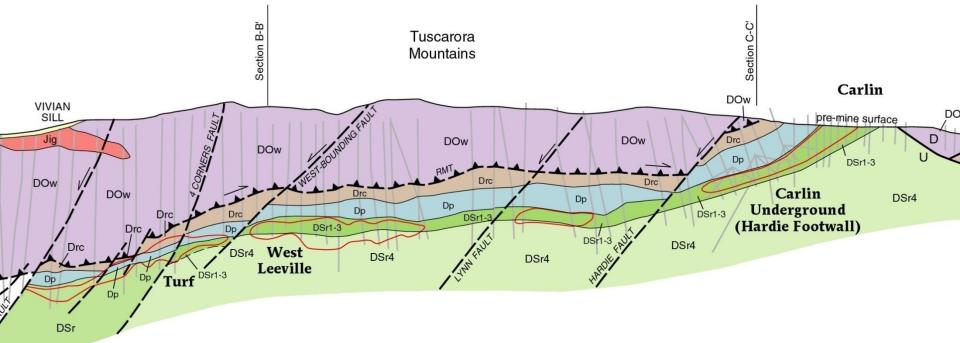
X Metals (mostly Au, Cu, Ag)

Mining Districts plus Gold and Silver Deposits



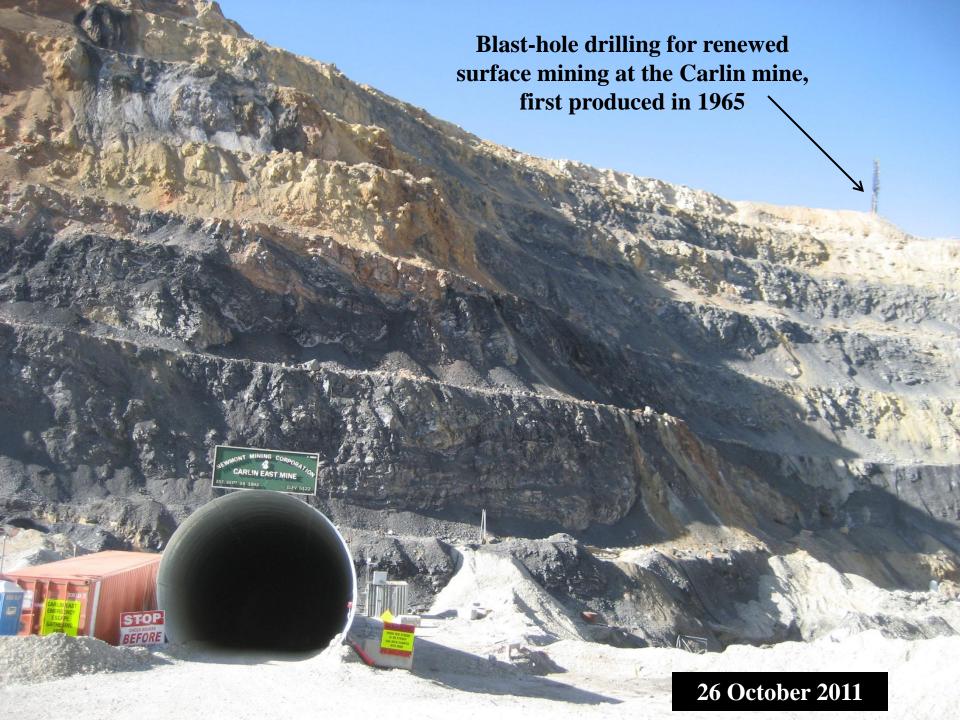
The Nevada Bureau of **Mines and Geology** updated its "Gold and Silver Resources in Nevada" map in 2006 (Map 149, by Dave Davis, Joe Tingley, and John Muntean) with 943 deposits, in a database as well.





By the end of 2010, the Carlin trend had produced a total of 76.3 million ounces of gold (2,373 tonnes). If production levels hold, the trend will produce a cumulative amount of 100 million ounces by 2021.

Section by Steve Moore & others, Newmont, NBMG Bulletin 111 - *Gold Deposits of the Carlin Trend*, edited by Tommy Thompson, Lew Teal, and Dick Meeuwig (204 pages, with detailed geologic maps and sections – \$35 from www.nbmg.unr.edu)



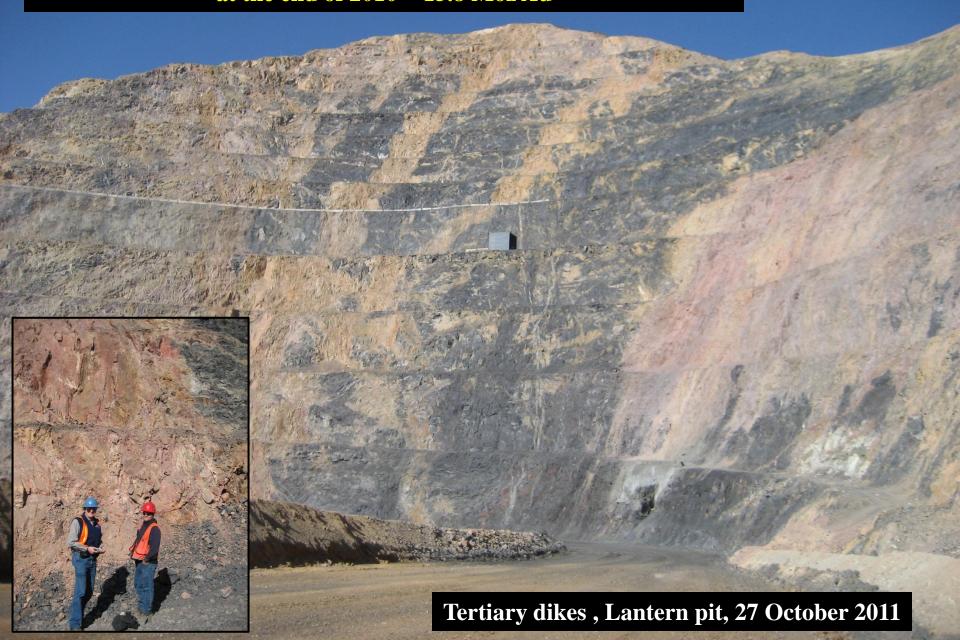








Newmont's total proven and probable reserves on the Carlin trend at the end of 2010 = 15.8 Moz Au



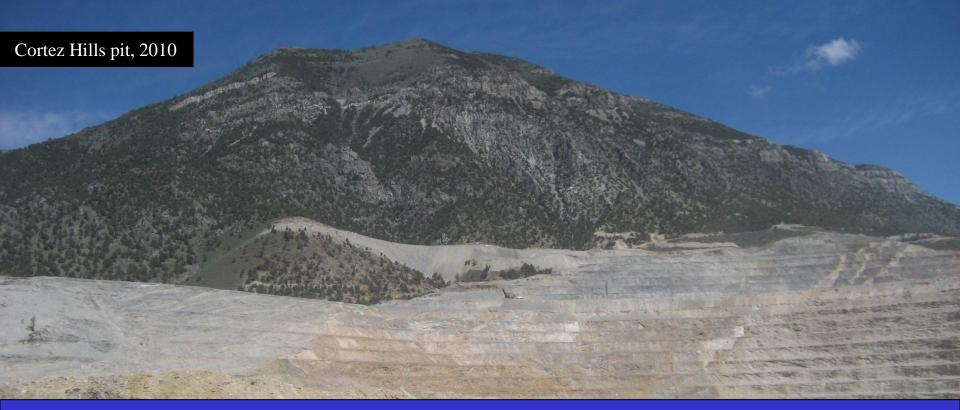


The Betze-Post mine is the most productive pit: 882,200 oz of gold in 2010; total production now ~29 Moz.

The Meikle mine is one of the most productive underground mines: 281,308 ounces of gold in 2010; total production (1996-2010) = 8.2 Moz of gold;

the Leeville mine may have exceeded Meikle's production in 2009 and 2010.

Barrick's total mineral reserves and resources on the Carlin trend, as of the end of 2010 = 16.0 Moz of gold.



The Cortez Hills and Pediment deposits, near the earlier Cortez operations at the foot of Mount Tenabo, discovered in 2004, with intercepts as good as 410 feet @ 1.035 opt.

Production from the Cortez Hills underground mine increased to 347,998 oz of Au in 2010, up from 125,057 oz of Au in 2009 and 6,804 oz of Au in 2008. New discoveries nearby at Red Hill and Goldrush (planned 264,000 feet of drilling in 2011)

Cortez Hills + Pipeline reserves & resources (2010) = 14.5 Moz of gold

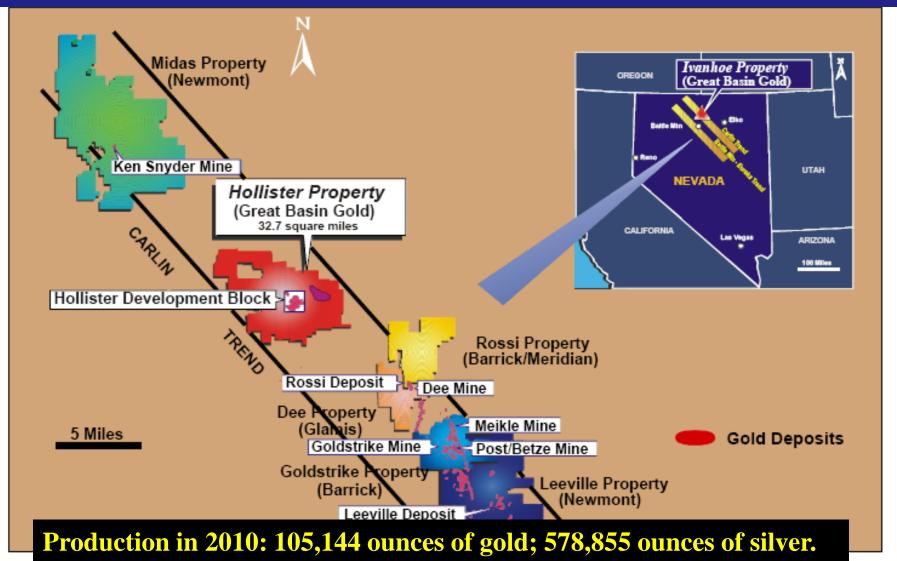
www.barrick.com



HOLLISTER - Elko Co.

Great Basin Gold - www.greatbasingold.com

Low-sulfidation epithermal vein, not a Carlin-type deposit January 2011 reserves: 832,100 oz Au @ 0.793 opt; 4,986,000 oz Ag @ 4.8 opt September 2010 resources: 1.46 Moz Au @ 1.305 opt; 11.6 Moz Ag @ 10.3 opt





NEVADA BUREAU OF MINES AND GEOLOGY



www.nbmg.unr.edu nbmgsales@unr.edu

(775) 784-6691

CENTIMETER







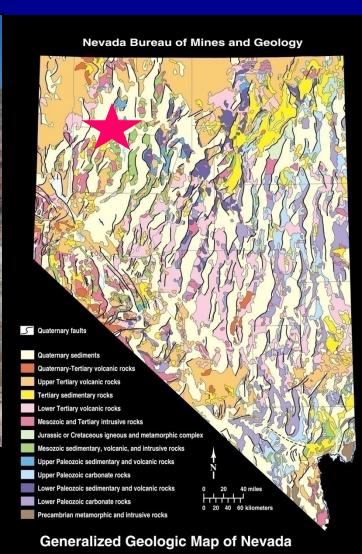
electrum (Au,Ag) and naumannite (Ag₂Se), Midas

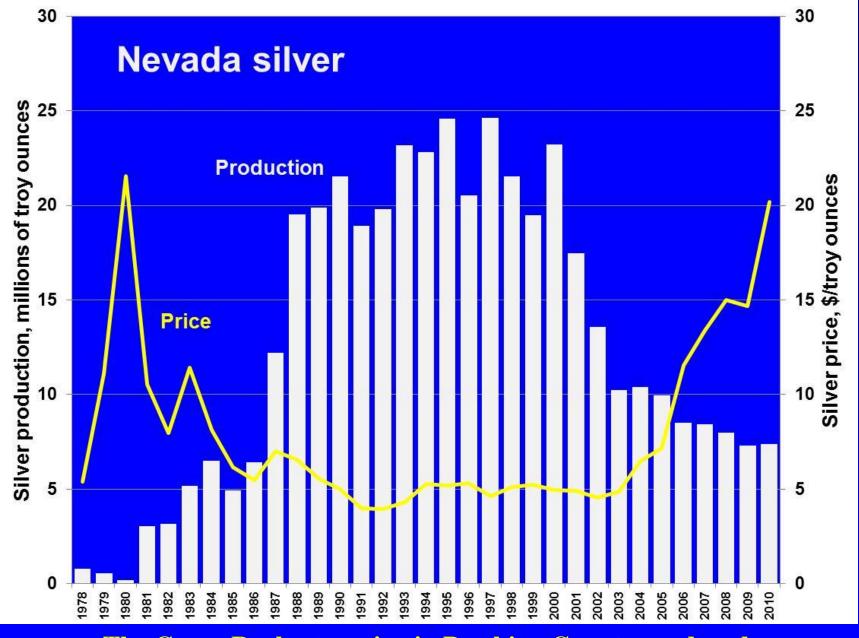
HYCROFT - Humboldt Co.

Allied Nevada Gold Corp – www.alliednevada.com
102,483 oz Au in 2010, up from 53,189 oz Au in 2009



Proven and probable reserves (2011 Q3 report): **854.0 Mt** @ **0.012 opt Au, 0.46 opt Ag**Total: **10.2 Moz Au, 17.0 Moz Ag**





The Coeur Rochester mine in Pershing County produced 2.0 Moz of silver in 2010 at a 210:1 silver:gold ratio.



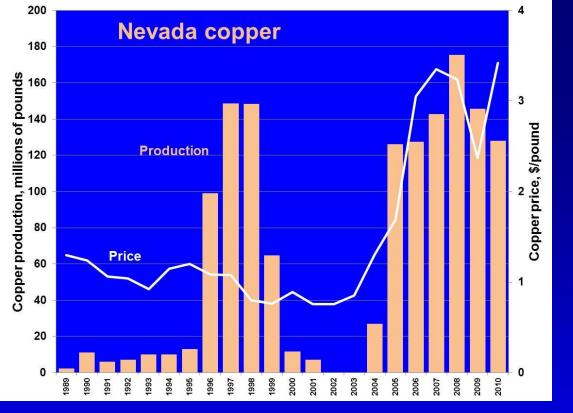
Coeur's Rochester mine has produced more than 125 Moz Ag and 1.2 Moz Au since production began in 1986.

2010 year-end proven and probable reserves:
27.6 Moz Ag, 247,400 oz Au Measured and indicated resources:
94.4 Moz Ag, 708,800 oz Au

Historical production data: grades in 2007: 0.65 oz Ag/ton; 0.006 oz Au/ton.

"This new production (from a leach pad to be completed in 2011) is expected to increase total average annual production to more than 2.4 million ounces of silver and 35,000 ounces of gold annually for at least the next eight years."

www.coeur.com



Nevada produced 128 million pounds of Cu in 2010

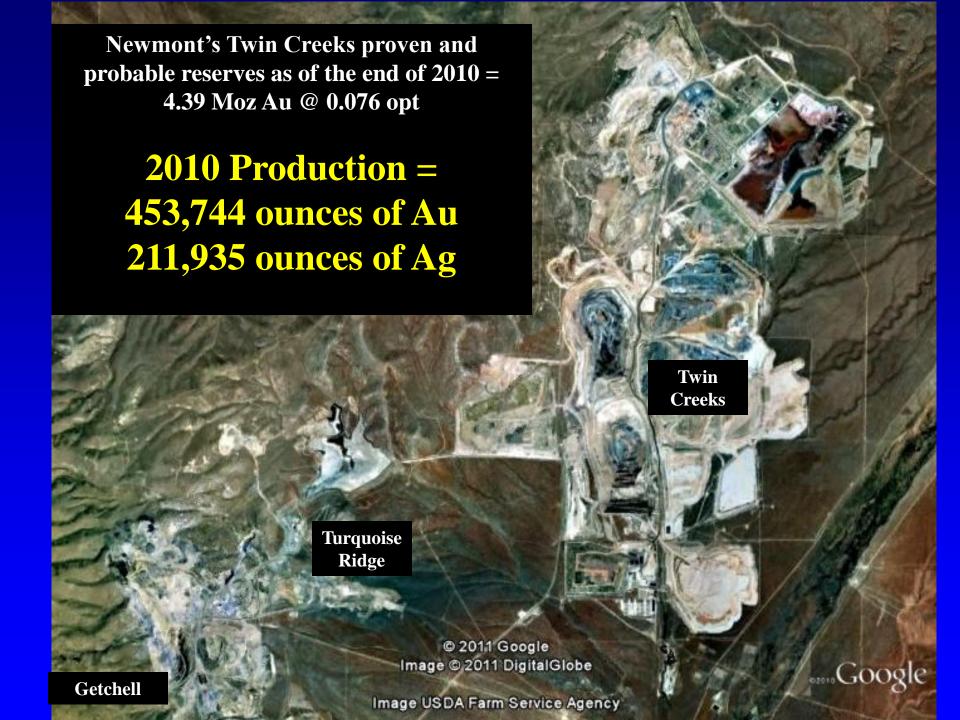
354,000 pounds of Mo in 2010

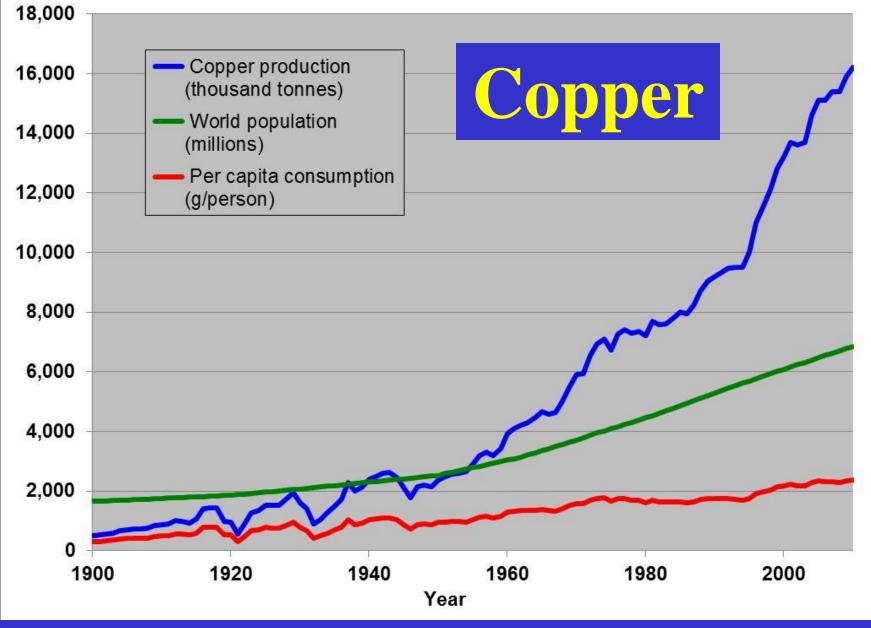
Quadra Mining (www.quadrafnx.com) at Robinson (Ely):
109 million pounds of Cu; 227 thousand pounds of Mo;
73 thousand ounces of Au; 246 thousand ounces of Ag

Reserves: 121.6 million tonnes @ 0.54% Cu, 0.23 g Au/t = 1.45 billion pounds of Cu, 870,000 ounces of Au



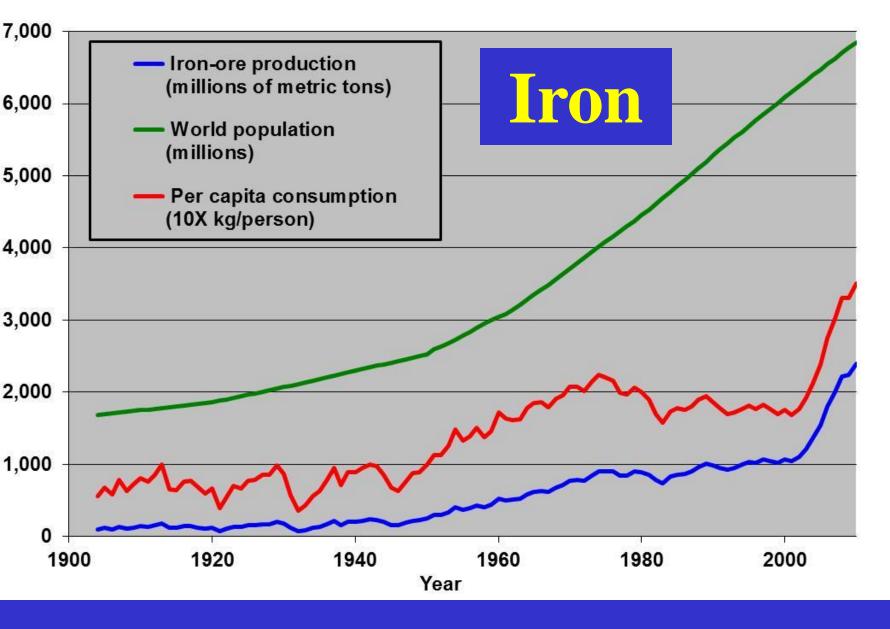




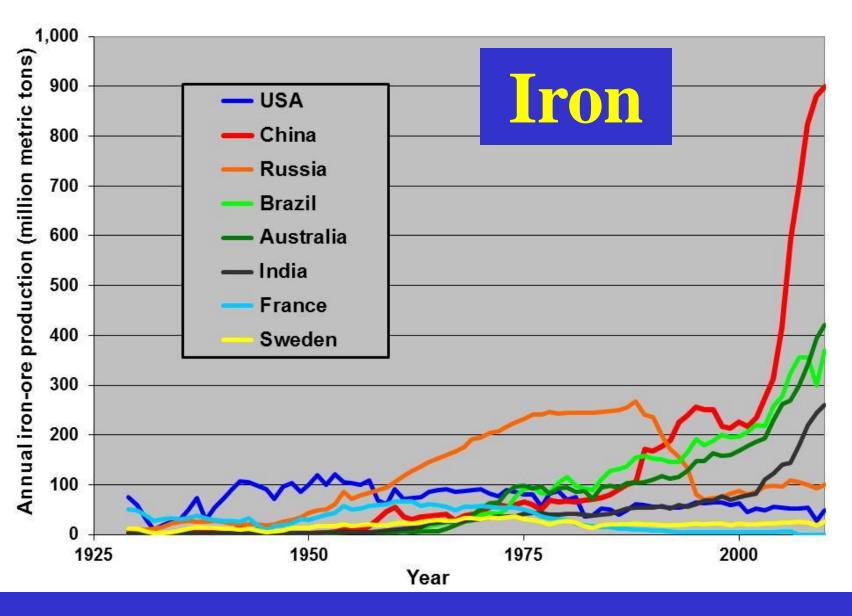


Demand is high for nearly every mineral resource.

Copper production in 2010 reached another all-time annual high.

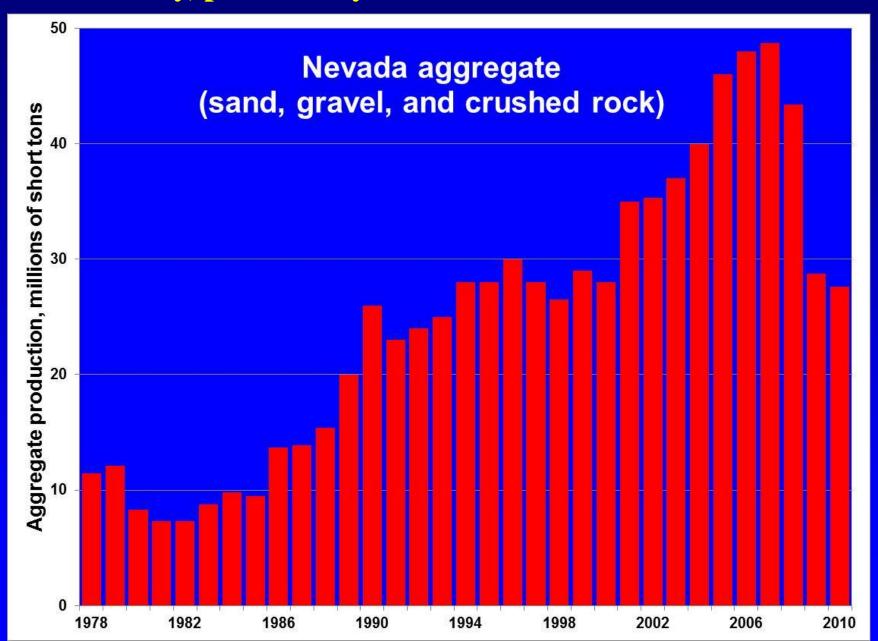


Demand is high for nearly every mineral resource. Iron production in 2010 reached another all-time annual high.

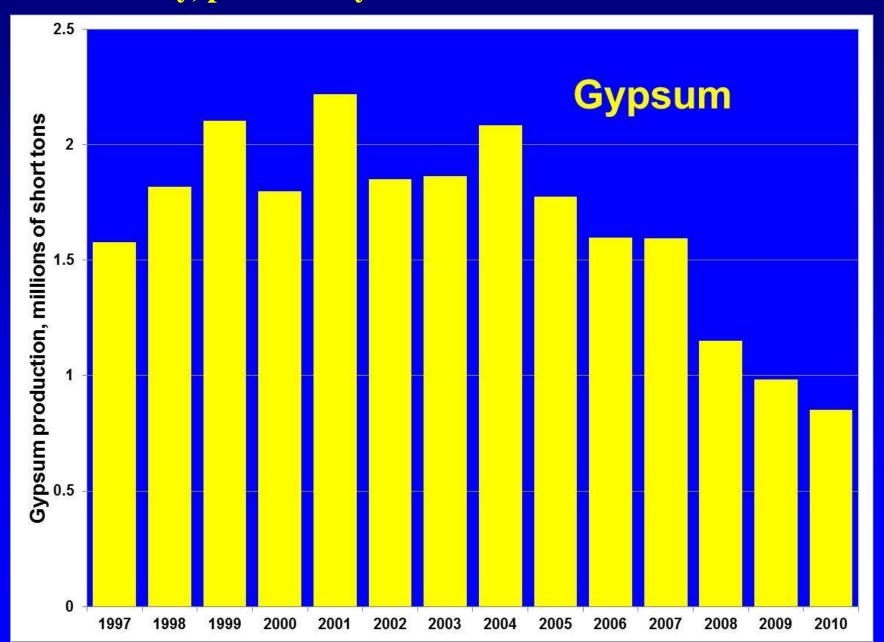


There was a great recession in the U.S., but it has not been felt significantly in China, Australia, Brazil, or India (by this measure – iron ore).

The economy continues to suffer for the construction industry, particularly hard in Nevada and California.

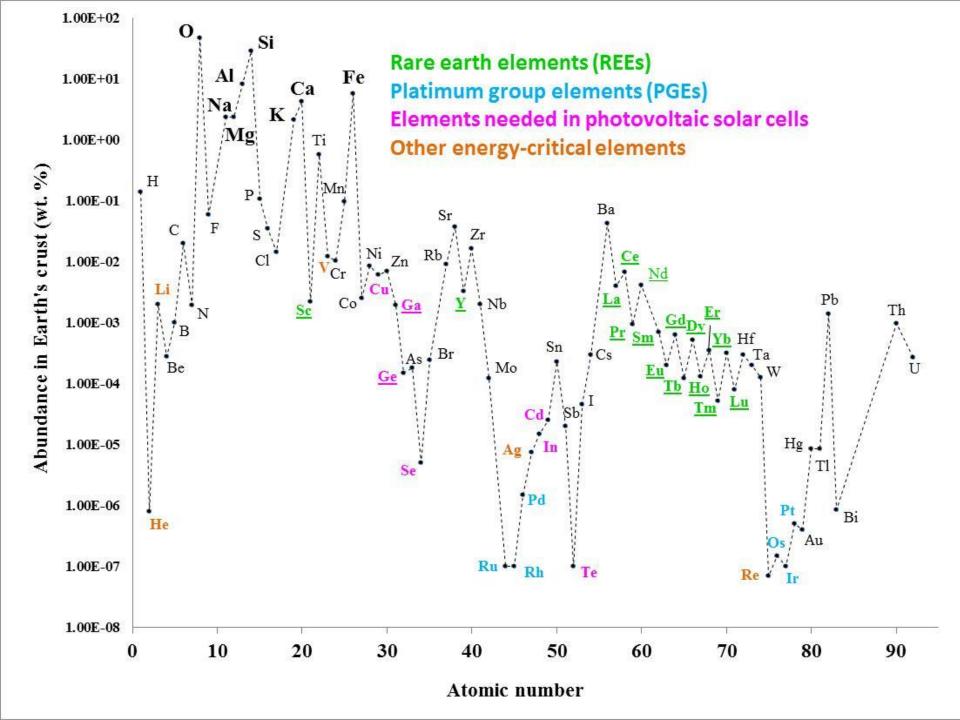


The economy continues to suffer for the construction industry, particularly hard in Nevada and California.

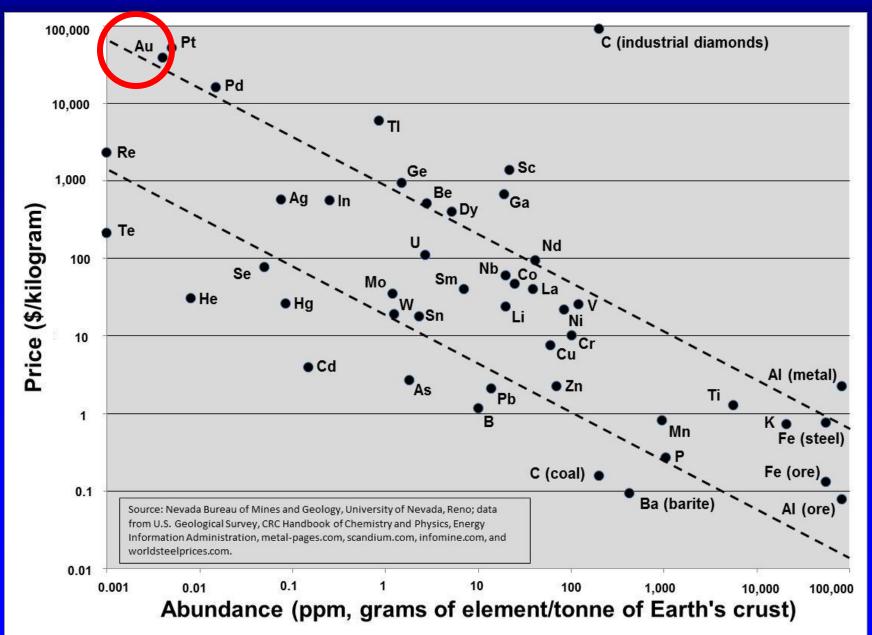




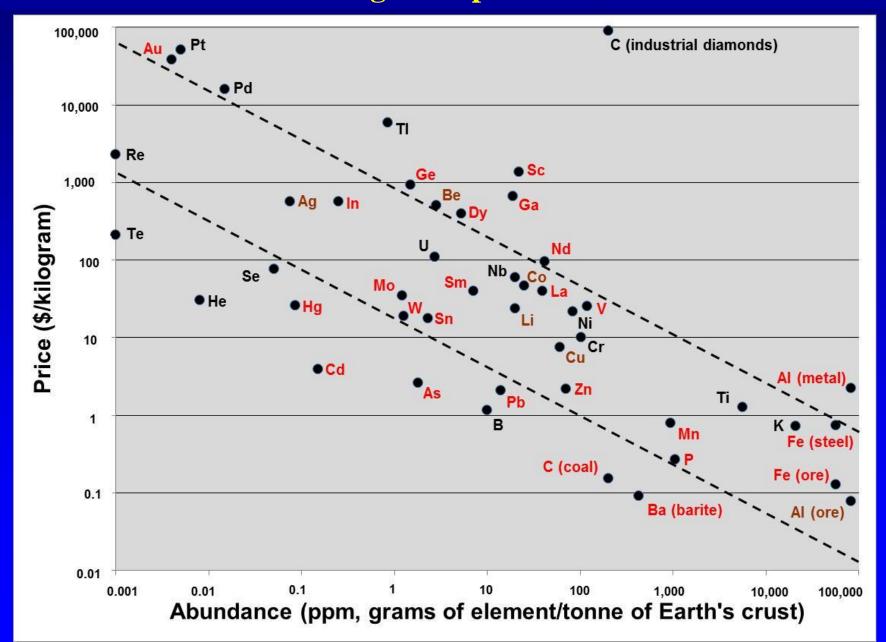
"Forget gold. Strategic metals are where it's at."



Exploration commonly focuses on the relatively high-price commodities, including gold.



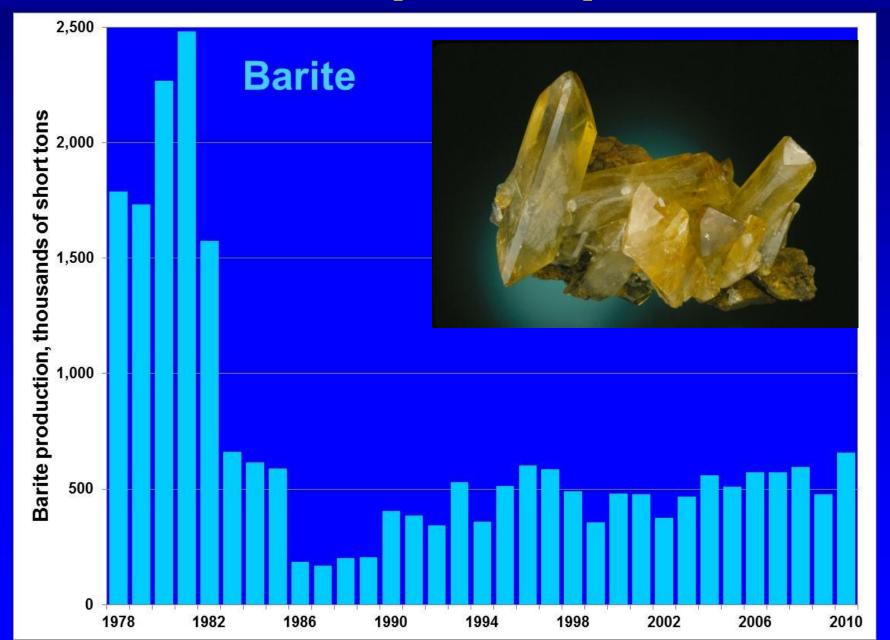
Among the 46 commodities shown, China is the #1 producer of 25 and among the top three for 31

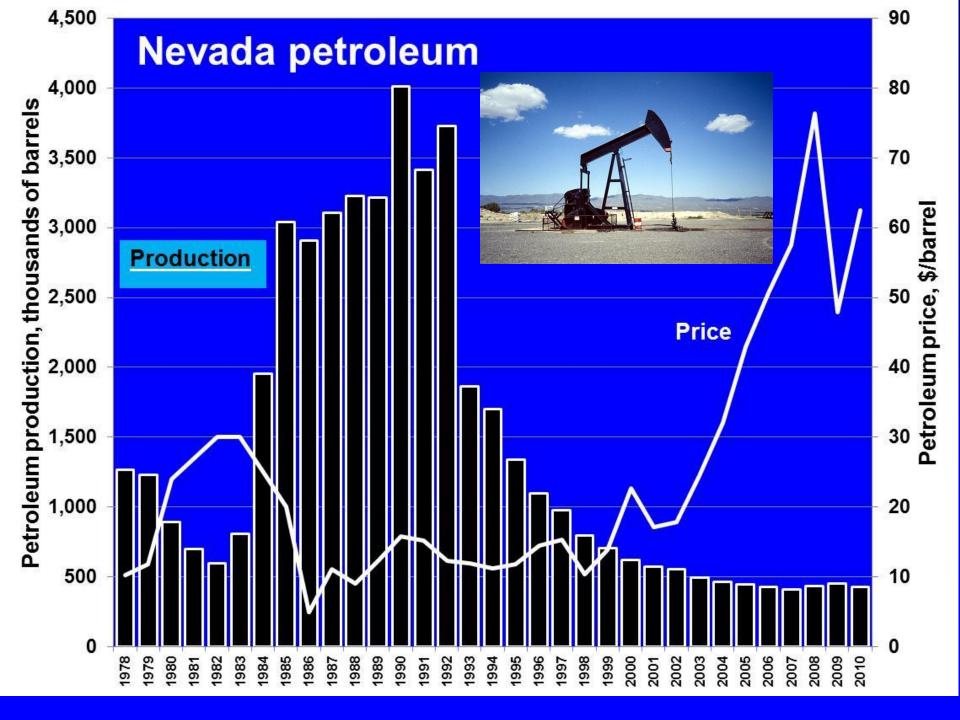


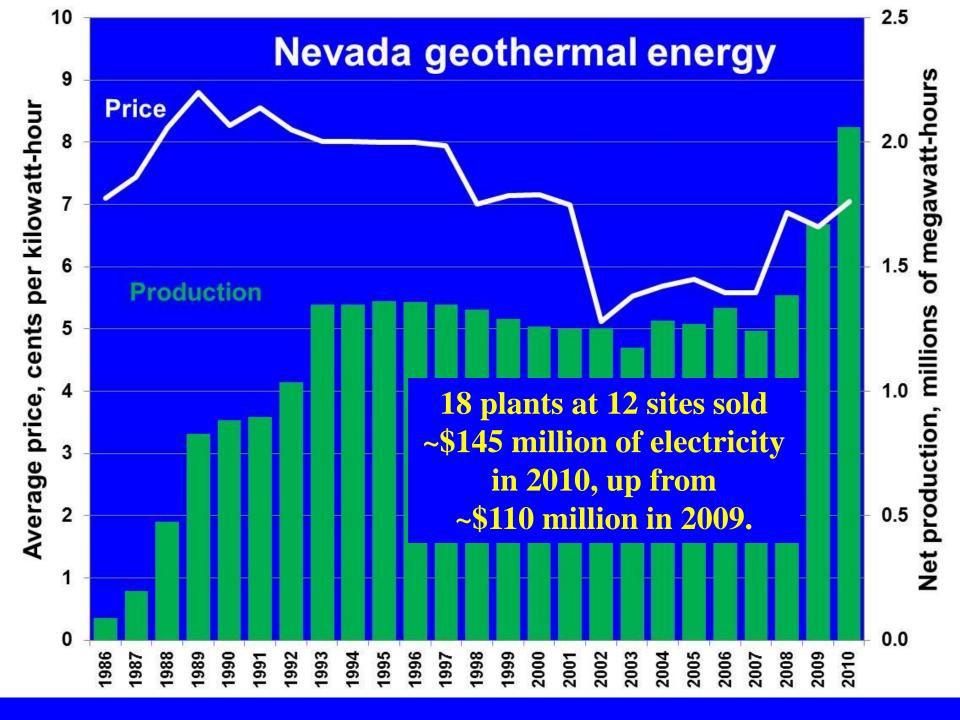
Mineral Ridge, Silver Peak Range, west of Clayton Valley

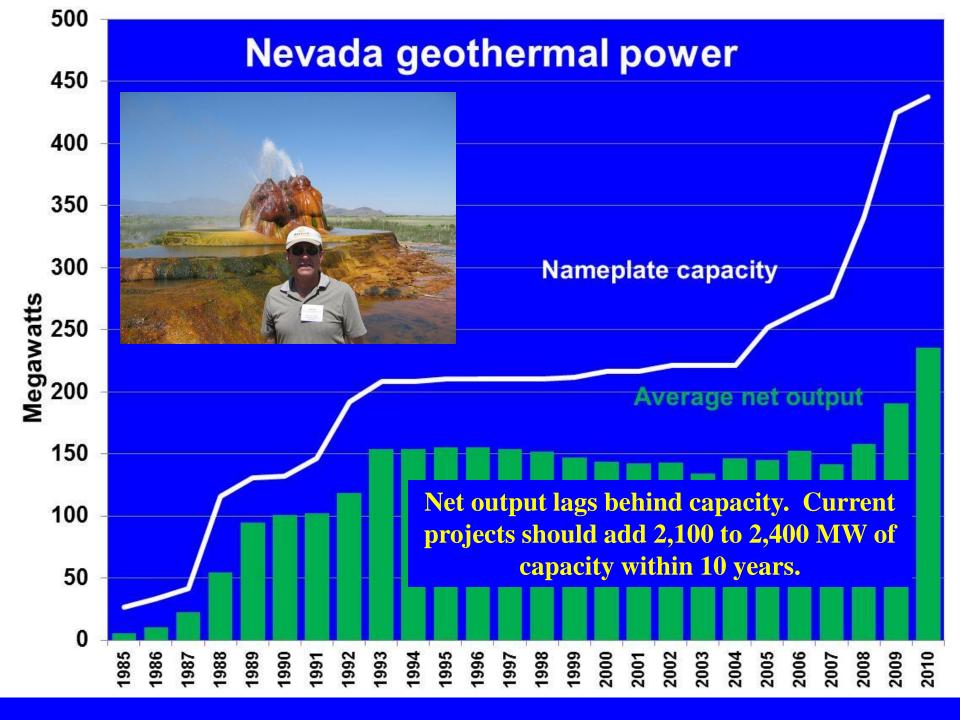
Lithium-brine evaporation pond; back in operation after a shut-down of pumping in 2008 – currently the nation's only Li producer

Nevada is the leading producer of barite in the U.S.; 2010 saw some improvement in production.

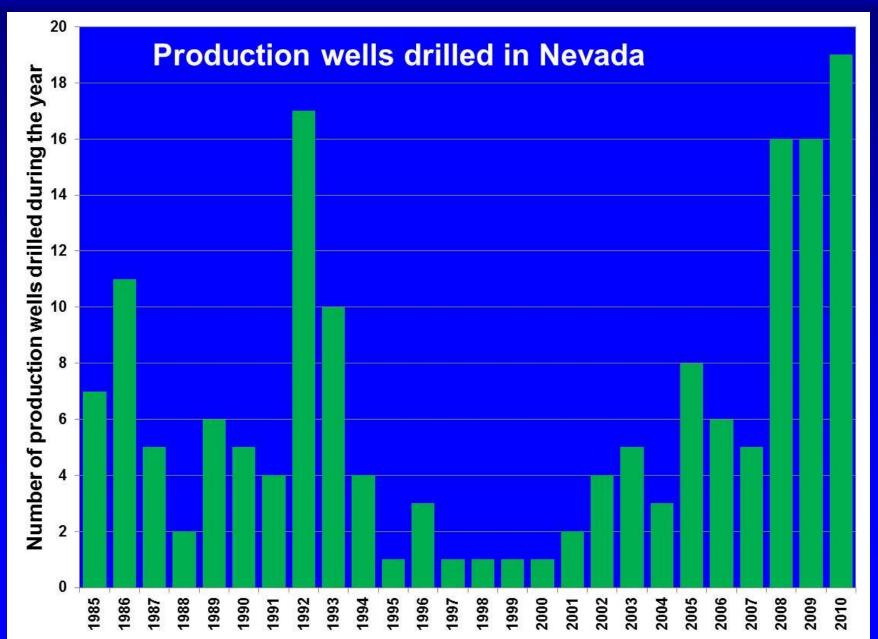








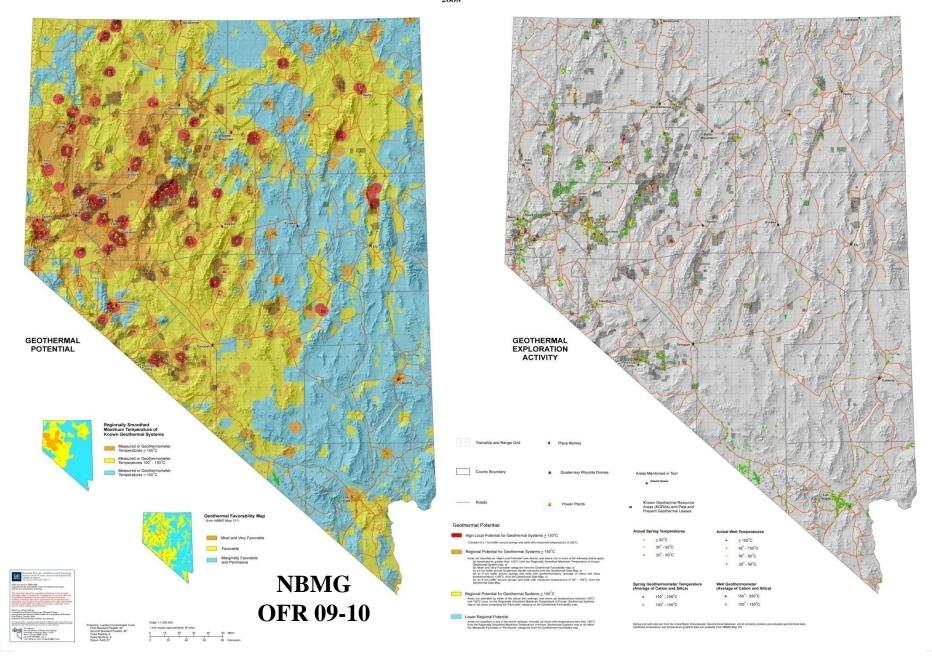
Companies continue to drill new geothermal exploration and production wells.

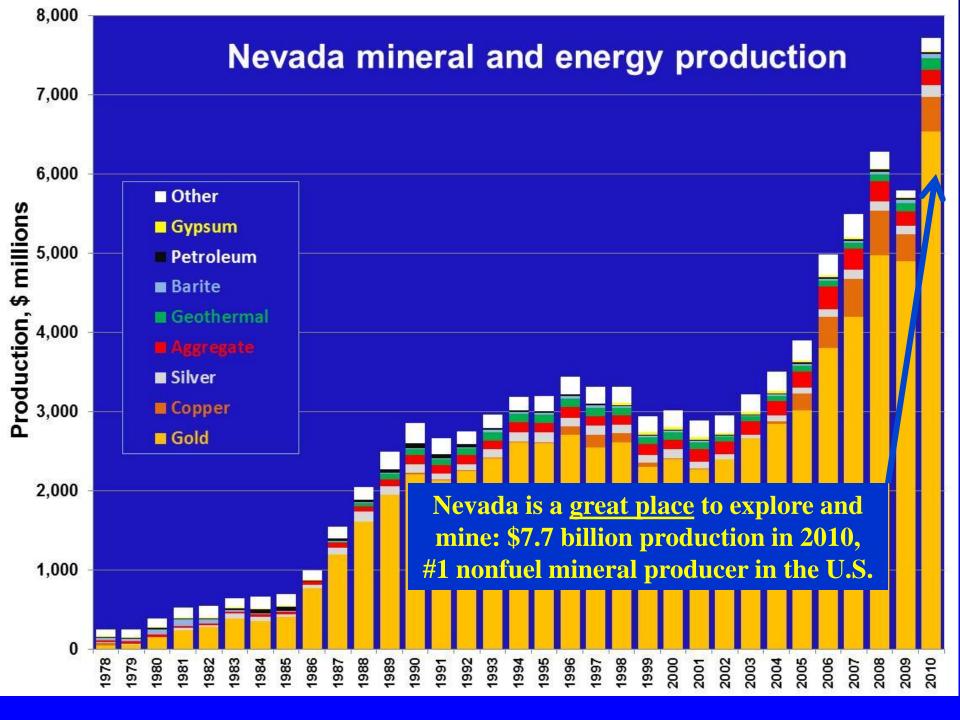


TO STOCK STOCKED OF STOCK STOC

PRELIMINARY GEOTHERMAL POTENTIAL AND EXPLORATION ACTIVITY IN NEVADA

Richard Zehner, Mark Coolbaugh, and Lisa Shevenell







"Sir! Sir! Kindly remove the bolo tie and set it on the ground—nice and slow!"

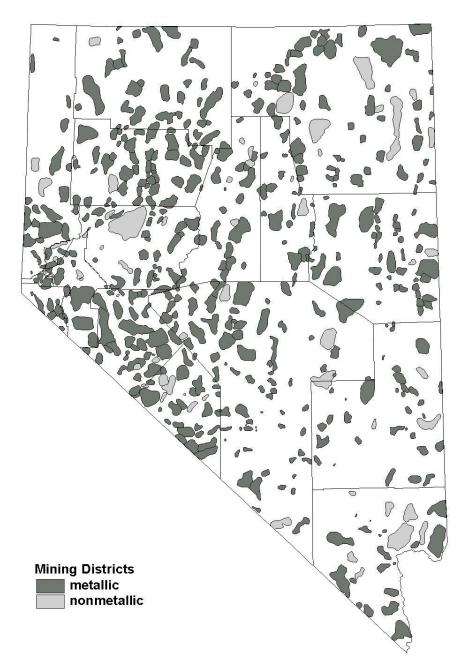
NEVADA MINING FINANCIAL ASSURANCE

(in millions)

	2003	2005	2007	2008	2009	2010	2011	Nov 2011
Bonds	\$272	\$248	\$210.6	\$214.0	\$328.2	\$393.0	\$998.9	\$1,156.4
Letters of Credit		\$254	\$412.7	\$618.1	\$654.5	\$629.9	\$413.4	\$426.3
CD / Cash		\$4	\$4.7	\$9.3	\$3.9	\$6.1	\$7.0	\$10.7
Corp Guarantee	\$271	\$204	\$187.3	\$182.0	\$179.7	\$183.7	\$183.0	\$180.8
USFS	\$14	\$10	\$12.3	\$12.5	\$13.5	\$13.3	\$13.3	\$13.7
Bond Pool	\$1	\$1	\$2.3	\$2.7	\$2.2	\$2.2	\$2.2	\$2.2
Total	\$558	\$721	\$829.9	\$1,038.6	\$1,182.0	\$1,228.2	\$1,617.8	\$1,790.0

NOTE: Data from the Nevada Division of Environmental Protection

Mining Districts of Nevada



Exploration is occurring in most of Nevada's 17 counties and many of its 526 mining districts.



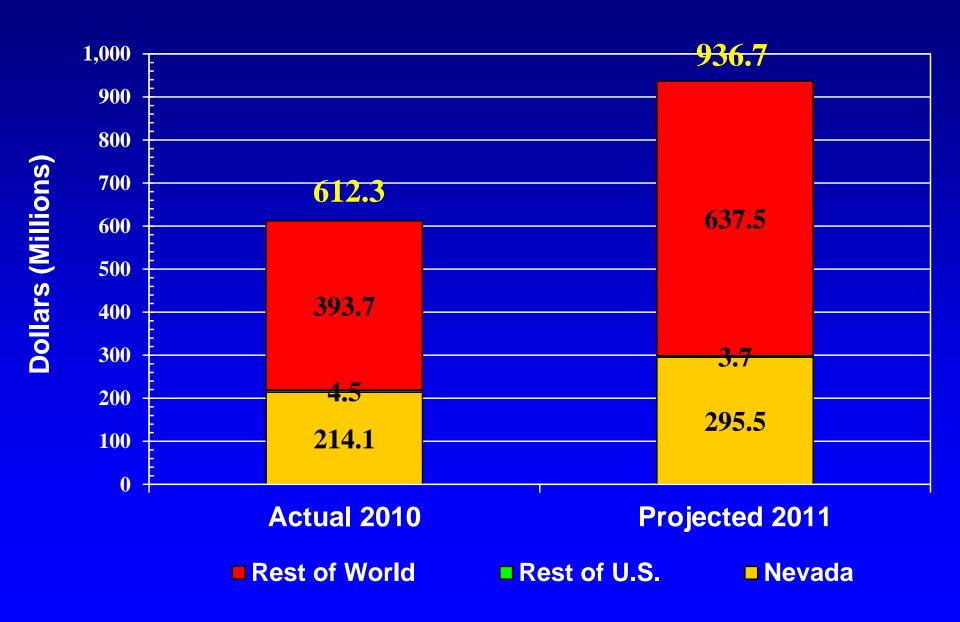
NEVADA EXPLORATION SURVEY 2010

- NDOM seventeenth annual survey
 - Level of exploration activity
 - Factors influencing these levels
- Exploration and mining companies with projects or claims in Nevada
- 17 respondents from 85 questionnaires
- All large mining companies are included

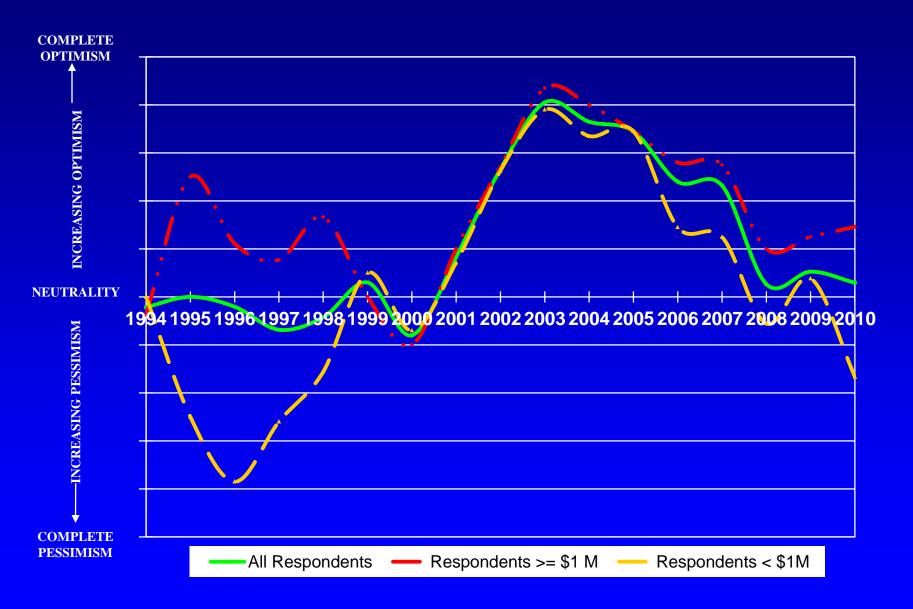
EXPLORATION SURVEY TOPICS

- Exploration expenditures
- Geologists employed
- Number of claims held
- Breakdown of exploration expenditures
- Factors influencing activity
- Type of reserve replacement
- Overall attitude toward exploration

EXPLORATION SPENDING 2010/2011



OPTIMISM INDEX 1994-2010

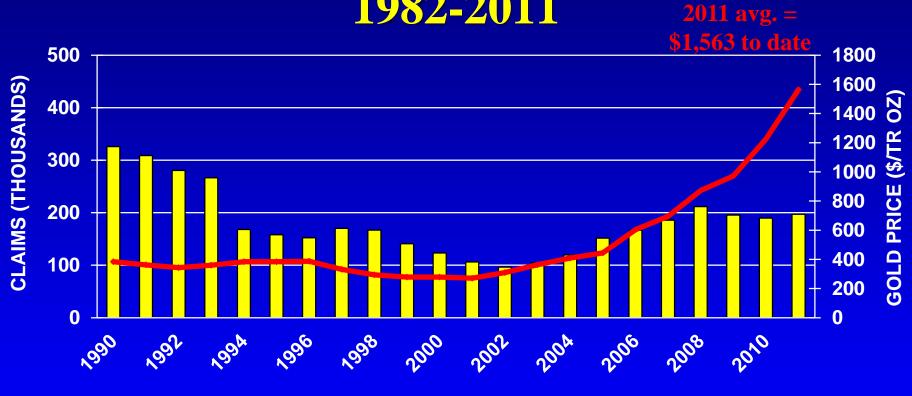


ACTIVE CLAIMS & GOLD PRICES 1982-2010



NOTE: Claim data from the BLM Public Land Statistics

CLAIM FILINGS & GOLD PRICES 1982-2011 2011 avg. =



□ Claim Filings
 ■ Average Gold Price

196,977 claim filings in FY2011 (up 3.8% from FY2010)

NOTE: Claim Filings in Fiscal Year from NDOM Financial Statements

NEW CLAIMS STAKED IN 2010

2007 = 29,601

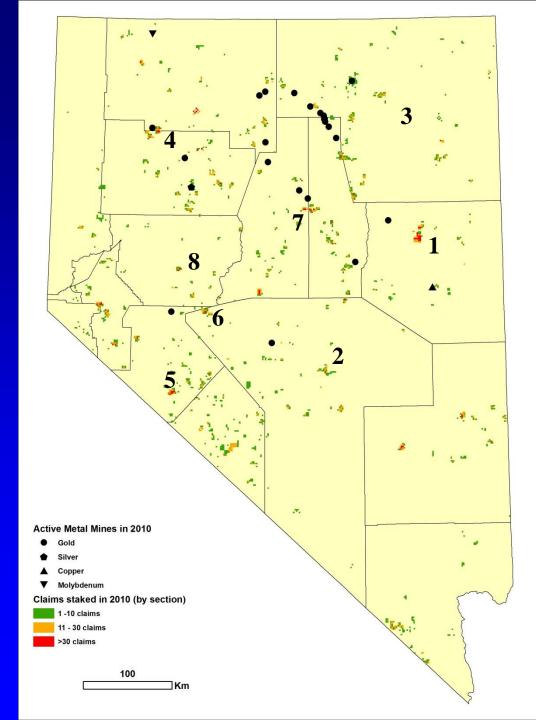
2008 = 32,249

2009 = 12,300

2010 = **17,237**

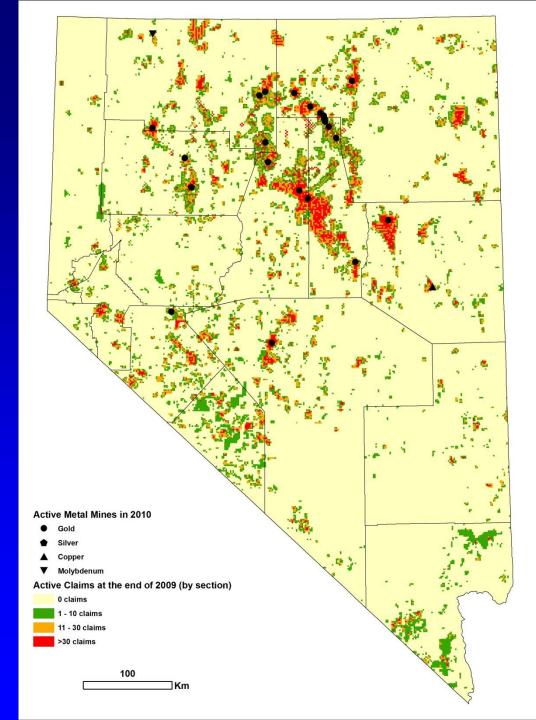
- 1) Quaterra Alaska Inc = 1,721
- 2) Newmont USA Ltd = 502
- 3) EPH 3:20 LLC = 466
- 4) Hycroft Resources & Dev. Inc = 466
- 5) Lamb Jan B = 462
- $6) \quad Asarco LLC = 445$
- 7) Genesis Gold Corp = 418
- 8) Buena Vista Minerals Inc = 410

Data from BLM Public Land Statistics and John Muntean, NBMG



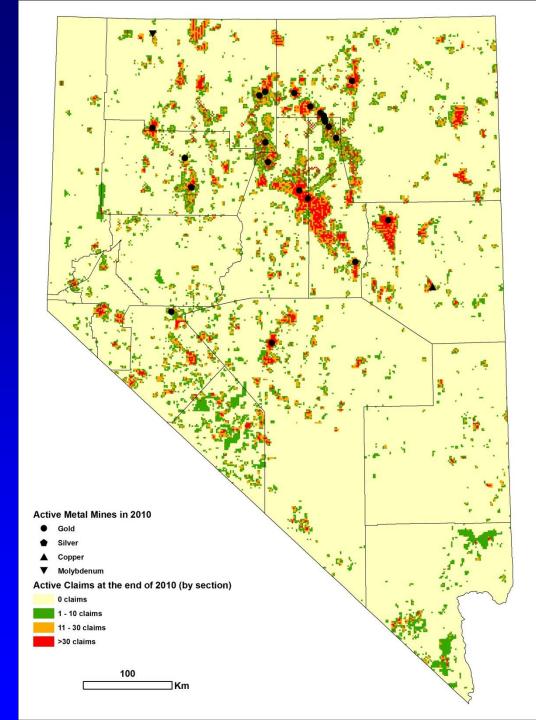
ACTIVE CLAIMS as of December 2009 (by section)

J. Muntean, NBMG, from BLM LR2000 records



ACTIVE CLAIMS as of December 2010 (by section)

J. Muntean, NBMG, from BLM LR2000 records



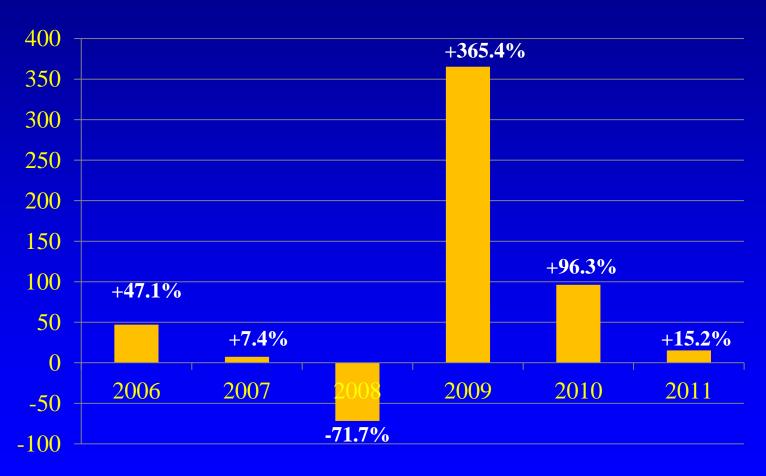


ADDITIONAL MINING CLAIM FEE

- Enacted Feb. 2010 by 26th Special Session
- Collected \$18.1 M (of a projected \$25 M)
- Repealed by 2011 Legislature; refunds to be from the Nevada Dept. of Taxation
- \$8.8 M in refunds approved to date (http://nevadabudget.org)
- NV Supreme Court rejected state appeal

NEVADA'S TOP 10 PROJECTS - 2006 to 2011

Percent Return on Investment



^{*} Backward-Looking Statement: Although we have great hindsight, neither the Nevada Division of Minerals nor the Nevada Bureau of Mines and Geology have any expertise whatsoever to be able to advise people on how to invest. We're government employees, for goodness sake. Whatever you do, don't take any advice from us seriously.

* Backward-Looking Statement: Although we have great hindsight, neither the Nevada Division of Minerals nor the Nevada Bureau of Mines and Geology have any expertise whatsoever to be able to advise people on how to invest. We're government employees, for goodness sake. Whatever you do, don't take any advice from us seriously.

NEVADA'S TOP 10 PROJECTS - 2010

(If you had invested equally in each company, 12/09 to 12/10)

Kings Valley	Western Lithium	-25.0%
Long Canyon	Fronteer	122.8%
Lower Horse Canyon	Barrick Gold	13.9%
Mt. Hope	General Moly	131.0%
Pumpkin Hollow	Nevada Copper	31.8%
Sandman	Fronteer	122.8%
South Arturo	Barrick Gold	13.9%
Spring Valley	Midway Gold	1.2%
Springer Mine	EMC Metals	516.7%
West Pequop	Agnico Eagle	33.8%
TOTAL R	96.3%	

NEVADA'S TOP 10 PROJECTS - 2011

(If you had invested equally in each company, 12/9/10 to 11/27/11)

Gibellini Hill	American Vanadium	-11.0%
Kings Valley	Western Lithium	-72.6%
Long Canyon	Fronteer to Newmont	0%
Mt. Hope	General Moly	-49.6%
Pumpkin Hollow	Nevada Copper	25.1%
Sandman	Fronteer to Newmont	0%
South Arturo	Barrick Gold	-6.3%
Spring Valley	Midway Gold	177.1%
Spruce Mountain	Renaissance Gold	-42.8%
Wilco	Rye Patch Gold	46.2%
	Pilot Gold + Cash	
TOTAL	15.2%	

NEVADA'S TOP TEN EXPLORATION PROJECTS 2012



GIBELLINI HILL - Eureka Co.

American Vanadium Corporation www.americanvanadium.com

A variety of vanadium minerals hosted in an organic-rich siliceous black shale with an oxidation zone of up to 100 feet

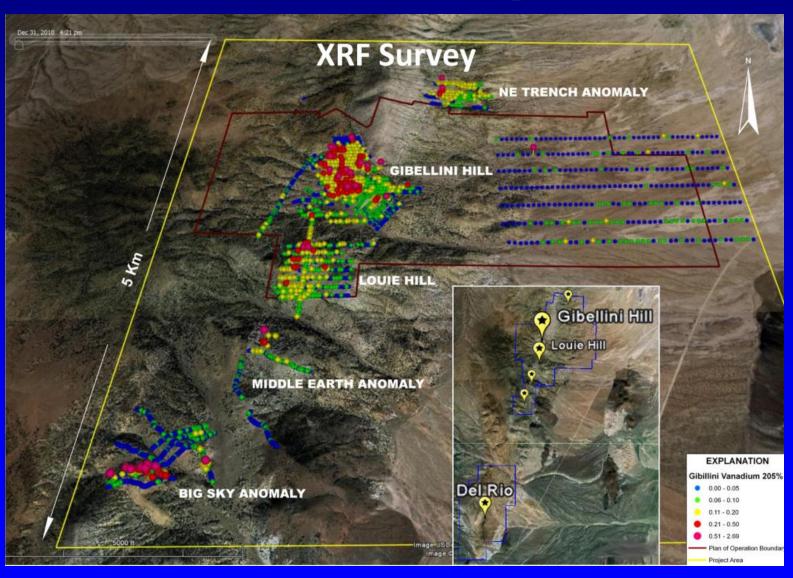






GIBELLINI HILL

American Vanadium Corporation



GIBELLINI HILL

American Vanadium Corporation

- Potentially lowest cost primary vanadium producer in the world and could supply 5% of world's current demand for vanadium
- Total drilling is 51,000 feet from 280 holes by the company and previous operators
- NI 43-101 compliant "positive feasibility study" in 2011 added 41 M pounds (inferred) at Louie Hill to resource of 18 M tons @ 0.339% $V_2O_5 = 122$ M pounds of V_2O_5 (indicated) at Gibellini Hill

KINGS VALLEY – Humboldt Co.

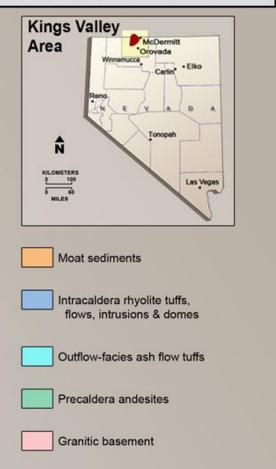
Western Lithium Corporation www.westernlithium.com



KINGS VALLEY LITHIUM PROJECT, NEVADA



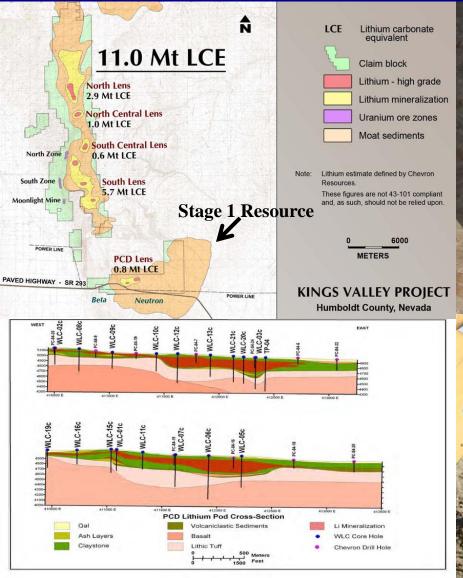
12 Miles



Lithiumenriched
hectorite clay in
altered
volcaniclastic
moat sediments
of the Miocene
McDermitt
Caldera

KINGS VALLEY

Western Lithium Corporation





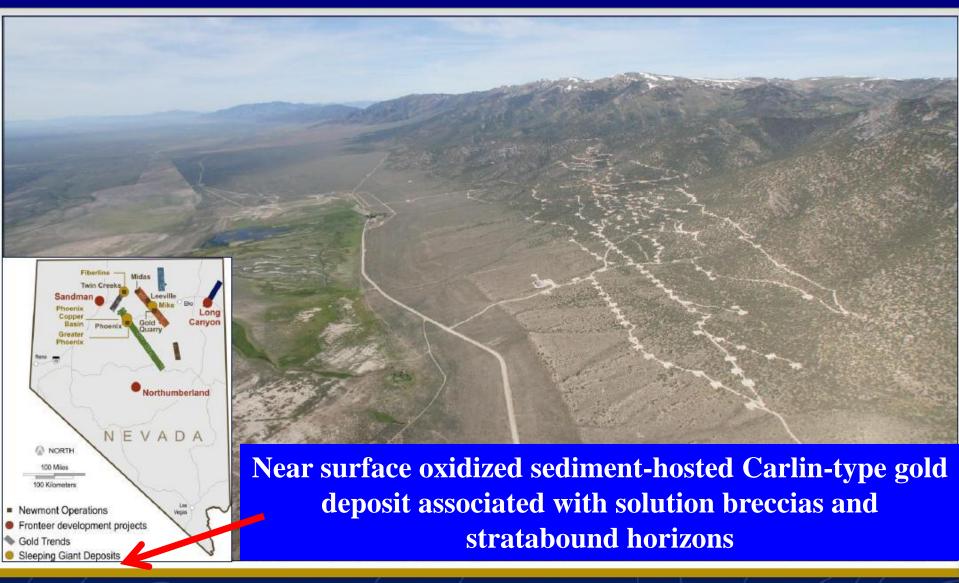
KINGS VALLEY

Western Lithium Corporation

- Stage 1 resource (as of June, 2011):
 - Measured and Indicated
 - 37.3 million tonnes grading 0.404% lithium
 - Li_2CO_3 equivalent (LCE) = 801,000 tonnes
 - Inferred
 - 24.2 million tonnes grading 0.386% lithium
 - Li_2CO_3 equivalent (LCE) = 498,000 tonnes
- Capital Costs = \$427 million, 25 yr mine life
- Prefeasibility completed in 2011, demonstration plant underway, production in 2014

LONG CANYON - Elko Co.

Newmont Mining Corporation



LONG CANYON

Newmont Mining Corporation

Resource Estimate (Fronteer): 558,000 oz M&I at 3.67 g/t 456,000 oz Inferred at 3.97 g/t

Long Canyon core



Hole LC577C is the best intercept to date from Long Canyon, with highgrade mineralization of 12.30 grams per tonne gold over 50.4 metres.

This photo demonstrates an interval of solution collapse breccia-hosted mineralization marked by decalcification and alternating zones of predominantly hematite (red) and scorodite (green), hosted in silty limestone. This style of alteration typifies high-grade areas in the northeastern portion of the deposit.

LC529C 10.14 g/t (0.296 oz/ton) over 44.2 m incl. 15.39 a/t (0.449 oz/ton) over 24.7 m 6.51 g/t (0.190 oz/ton) over 41.8 m, incl. 20.0 g/t (0.584 oz/ton) over 11.0 m LC537C New Mineralized Zones 8.48 g/t (0.248 oz/ton) over 20.3 m Defined in 2010 LC518 5.75 g/t (0.168 oz/ton) over 29.0 m incl. 13.54 g/t (0.395 oz/ton) over 9.1 m LC506C 4.72 g/t (0.138 oz/ton) over 24.4 m incl. 14.32 g/t (0.418 oz/t) over 2.7 m 2010 M & I Ounces Defined **New Mineralized Zones** Defined in 2010 Big Springs Big Springs 3.10 g/t (0.091 oz/ton) over 9.1 m and 1.66 g/t (0.049 oz/t) over 16.8 m

12.3 gpt gold over 50.4 m

LONG CANYON

Newmont Mining Corporation

Project Description

A Carlin-Type trend with potential for significant development and operating synergies

Key Statistics Estimates (Attributable to NEM)

Annual Producti	on (Koz) ¹⁷ :	~275 - 350
-----------------	--------------------------	------------

CAS $(\$/oz)^{17}$: ~\$375 - \$	D 20
----------------------------------	-------------

Anticipated S	Start Date:	~2017
Anticipated S	start Date:	~_

Initial Capex (\$M) ¹⁸ :	\$350 - \$700
-------------------------------------	---------------

Recent Updates

- Completed 190 Core drill holes (total ~40Km)
- Up to 90 Km planned for 2011 and 2012
- Completed Scoping Study in July 2011

Representative Drill Results ¹⁹			
Total Depth (Meters)	Thickness (Meters)	Avg. Grade g/t Au	
303	23.0	3.4	
198	12.0	3.5	
91	28.0	3.4	
175	15.0	0.93	
153	12.0	2.8	
182	30.0	7.0	
176	32.0	3.2	



LONG CANYON

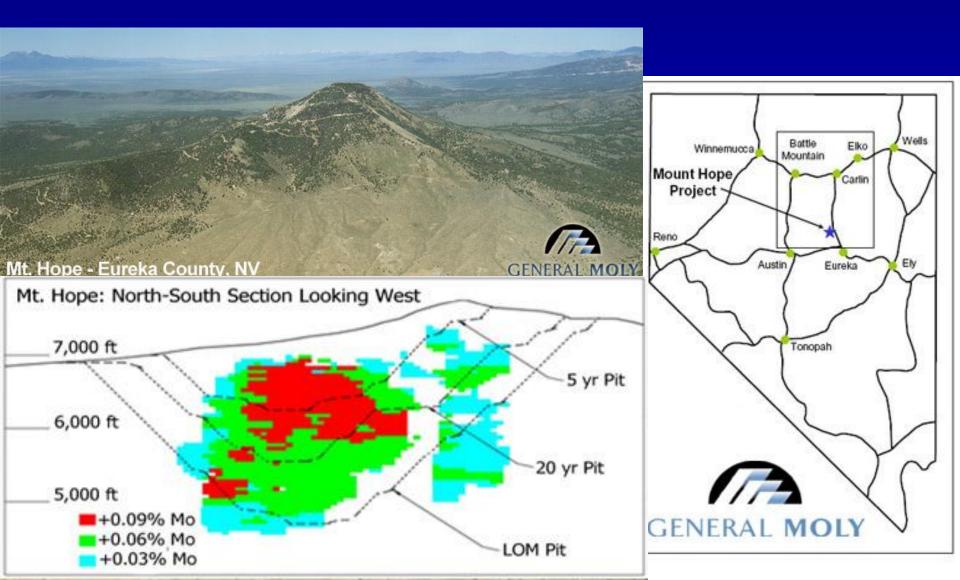
Newmont Mining Corporation

- Planning to begin an 18 month construction phase in mid -2015
- Expected to yield 2 million to 2.5 million oz of gold over its 10 to 20 years of mine life
- Deposit is open to north and south
- Open pit mine with a mill and heap leach facility
- Full production in 2017
- Permanent work force of 400 employees

Source: Elko Daily Free Press

MT. HOPE - Eureka Co.

General Moly - www.generalmoly.com





High-Grade Overlap Zone located high (near top) in ore body

MT. HOPE General Moly

Classic molybdenum porphyry with two dome shaped shells of quartz porphyry weakly to densely veined by quartz stockworks containing molybdenite



MT. HOPE General Moly

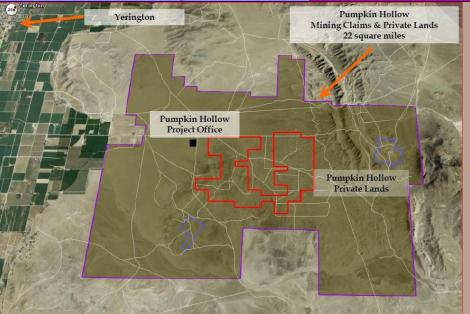
- 1.3 B lbs Mo (proven and probable)
- 40 M lbs Mo/yr @ 0.103% Mo (first 5 yrs)
- Net Present Value of \$1.2 B at \$15/lb Mo
- Capital cost estimate \$1.2 B, 44 yr mine life
- Draft EIS completed in 2011, permits in 2012 and production in possibly in 2013
- Partners include ArcelorMittal now APERAM (India), POSCO (S. Korea), Hanlong (China)

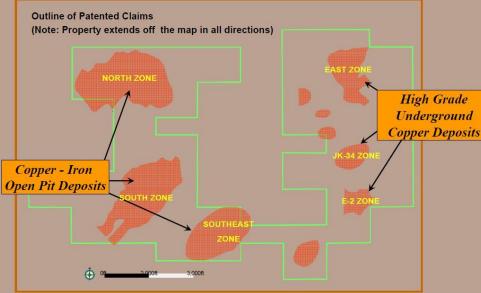
PUMPKIN HOLLOW - Lyon Co.

Nevada Copper - www.nevadacopper.com



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





NC11-17 (155 ft. @ 0.59% Cu) Open Target Areas NC11-16 (779 ft. @ 0.53% Cu) NC11-16 (779 ft. @ 0.53% Cu) South Deposit Pit Data from 2008 Preliminary Economic Assessment

North Section 47700 E 1.33% Cu 0.55% CL 0.85% Cu 1.15% Cu 105.8 0.75% Cu Tertiary volcanics Limestone, marble 1.24% Cu Magnetite skarn Calc-silicate skarn 1.20% Cu Trace of drill hole Intersected length of 1,000 ft. of 0.68% Cu mineralization in feet. %Cu Note: Assays < 0.2 % not plotted

PUMPKIN HOLLOW

Nevada Copper

As of March 2011, NI 43-101 compliant resources:

Cu: 5.9 billion pounds (measured and indicated)
9.6 billion pounds Cu total

Au: 1.6 Moz (measured and indicated) 2.3 Moz Au total

Ag: 42 Moz (measured and indicated) 64 Moz Ag total

Fe: 182 million tons (measured and indicated)

PUMPKIN HOLLOW

Nevada Copper Corporation

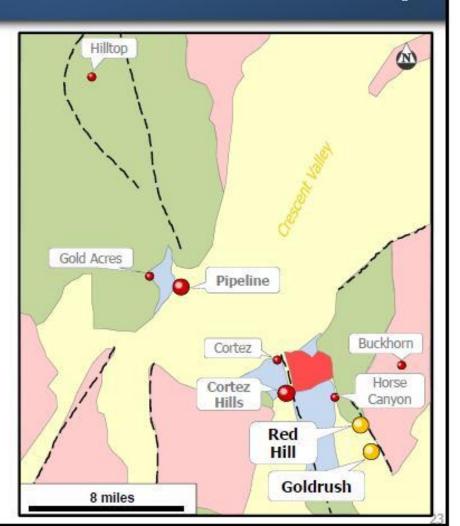
- Integrated open pit and underground operation
- Throughput, 60,000 tpd, 90% open pit, 10 % underground
- Single copper concentrator
- Producing 85,000 to 125,000 tons copper per year
- Gold, silver, and iron by-products
- Mine life of 24 years
- Contract for shaft out for bid, collar Q1-2012

RED HILL / GOLDRUSH - Eureka Co.

Barrick Gold Corporation – www.barrick.com

Cortez Camp - Long Discovery History BARRICK

- High camp endowment of 39 M oz
- World-class mines and long discovery history
- 2 new discoveries
- Potential for additional discoveries below cover
- Discovery
- Gold Mine >10Moz Endowment
- Gold Mine Significant Past Production
- Overburden / Alluvium
- Volcanic Rocks
- Intrusive Rocks
- Carbonate Rocks
- Siliciclastic Rocks

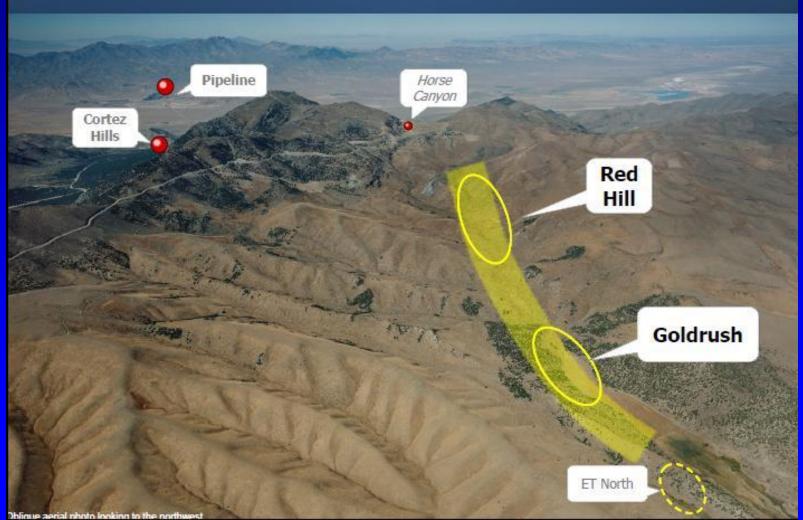


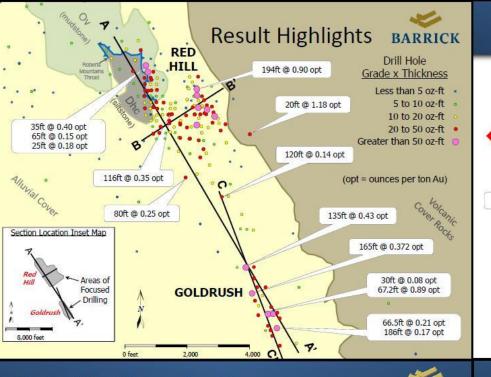
RED HILL / GOLDRUSH

Barrick Gold Corporation

Red Hill / Goldrush Corridor

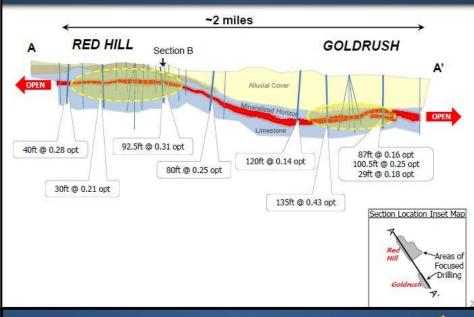






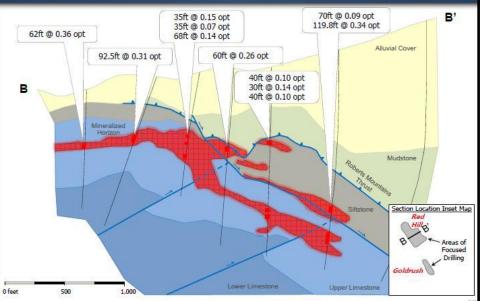
Red Hill / Goldrush - Long Section BARRICK





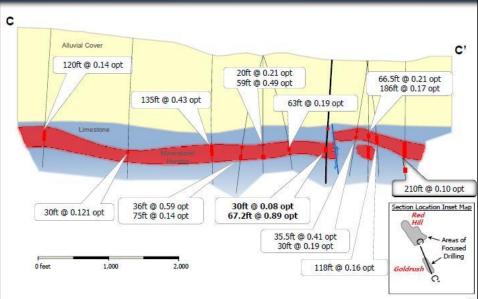
Red Hill - Cross Section

BARRICK



Goldrush - Long Section





RED HILL / GOLDRUSH

Barrick Gold Corporation

Goldrush / Red Hill Drill Core





- Example of replacementstyle mineralization at Goldrush
- Discovery drill hole
 HCD09-01 intersected
 67.2 ft grading 0.89 opt
- 4 ft @ 5.96 opt
- High grade gold from KB zone at Red Hill
- Drill hole RHD08-06 intersected 194 ft grading 0.90 opt Au

RED HILL / GOLDRUSH

Barrick Gold Corporation

Cortez - Continuous Organic Growth



- Large growth opportunity in well endowed Cortez Camp
- Strong and continuous Carlin-style mineralization
- Tabular mineralized horizon extends 4 miles from Red Hill to ET Blue
- +3.5 M oz inferred resource outlined at Red Hill and open in all directions
- Discovery at Goldrush, 6,000ft south of Red Hill and open in all directions
- Drilling to find extent of system as well as in-fill drilling to confirm continuity and grade
- Other significant opportunities throughout the Cortez camp continue to be advanced – Lower Zone, Hilltop, CTI, Buckhorn

SANDMAN – Humboldt Co.

Newmont Mining Corporation www.newmont.com

Four deposits of low-sulfidation, quartz-adularia epithermal vein systems hosted in Tertiary volcanic rocks, primarily tuffs and breccias

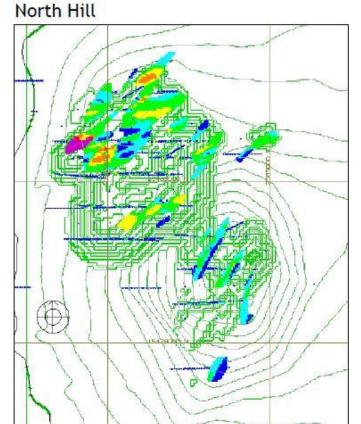


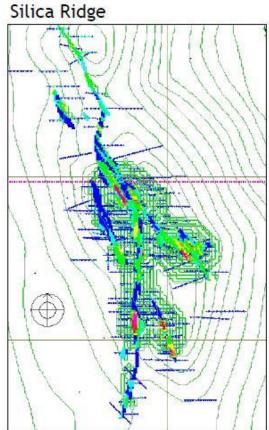


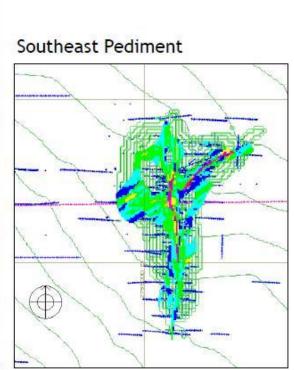
SANDMAN

Newmont Mining Corporation

- Newmont acquired from Fronteer in 2011
- Column tests, waste rock characterization, geotechnical evaluations in progress?
- Property-wide exploration drilling program underway? (53 holes 9,000 m in 2010)







SPRING VALLEY Pershing Co.

Midway Gold (JV with Barrick) www.midwaygold.com www.barrick.com

Porphyry/diatreme hosted gold system with significant amounts of coarse native gold



4 - Spring Valley Pass 1 - Golden Gate

2 - Limerick - Hagen

3 - Gold Mtn

5 - King David 6 - Dry Gulch

7 - New Pipe 8 - Fitting 9 - North Ridge

11 - American Canyon 12 - Spring Valley West



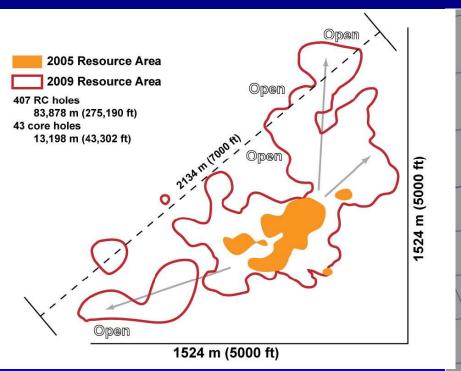
Gold in 2mm wide quartz vein

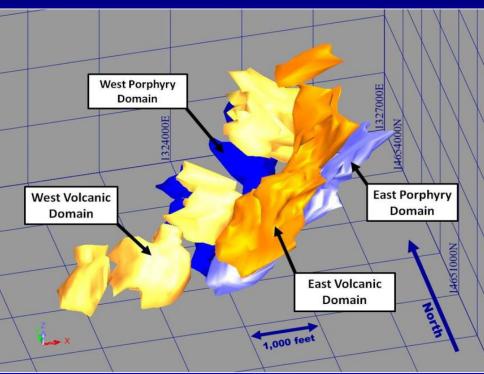
Spring Valley Coarse Gold

Gold in 15 cm wide quartz vein

SPRING VALLEY

Midway Gold (JV with Barrick)

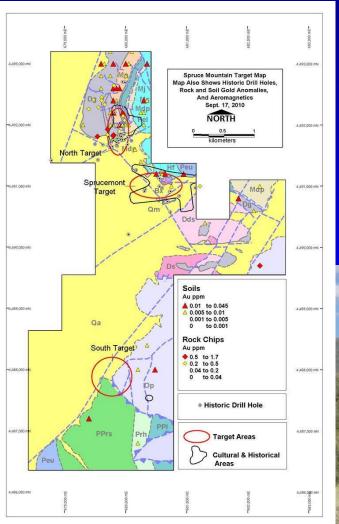




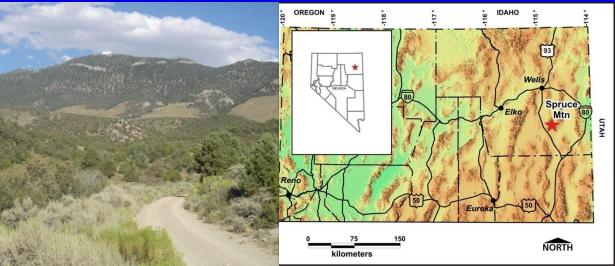
- May, 2011 resource estimate: 2.16 million oz gold measured and indicated and additional 1.97 million oz gold inferred
- Barrick continues to earn in (\$4M 2009, \$5M 2010, \$7M 2011) and must spend \$30M by 2013 to earn 60% interest

SPRUCE MOUNTAIN - Elko Co.

Renaissance Gold - www.rengold.com

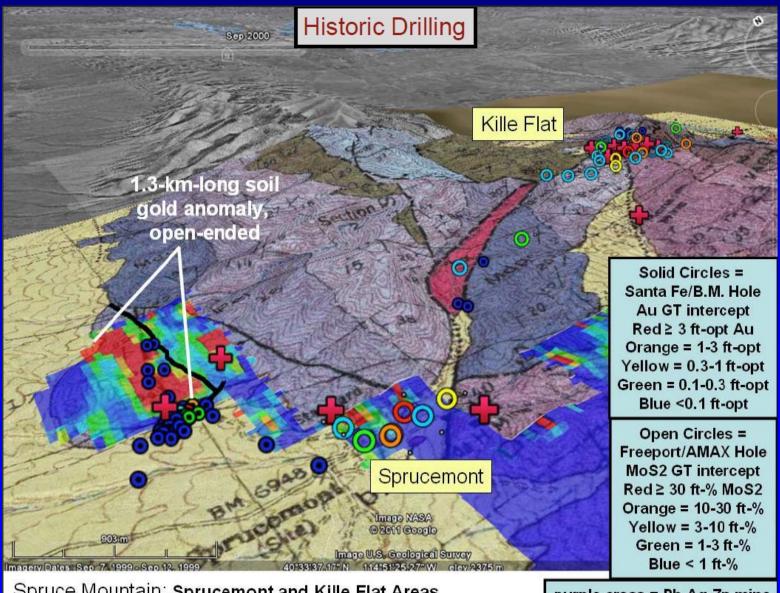


Prospective early-stage gold exploration property that has characteristics similar to Carlin-style sedimentary rock hosted gold deposits and gold-bearing skarn deposits in Nevada and elsewhere



SPRUCE MOUNTAIN

Renaissance Gold



Spruce Mountain: Sprucemont and Kille Flat Areas

purple cross = Pb-Ag-Zn mine

SPRUCE MOUNTAIN

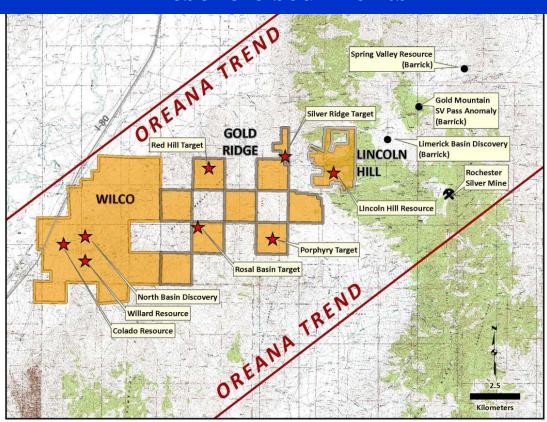
Renaissance Gold

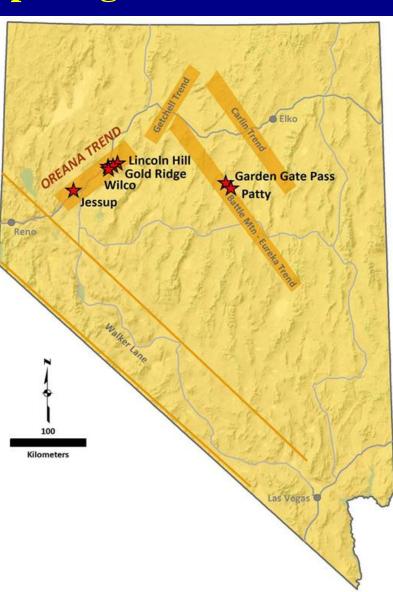
- Renaissance Gold is a "spin-out" from the acquisition of AuEx by Fronteer
- Historical work by Newmont, Occidental,
 Freeport, Amax, Santa Fe Mining, Battle
 Mountain Gold, Teck Resources, and Nevada
 Pacific Gold
- Three gold target areas identified: North Target, Sprucemont, and South Target
- Recent funding agreement with Sumitomo

WILCO – Pershing Co.

Rye Patch Gold - www.ryepatchgold.com

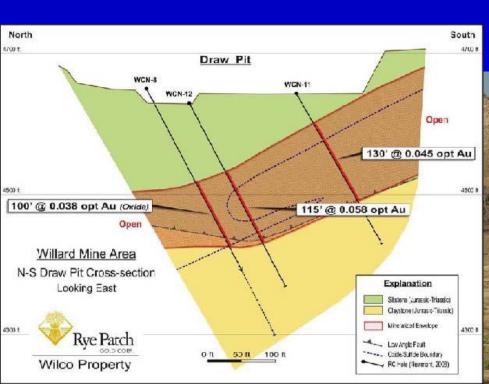
Epithermal, low-sulfidation (quartz adularia) type gold deposit at the contact between Tertiary volcanics and Mesozoic sediments





WILCO Rye Patch Gold

- New oxide beneath the historic Willard Pit (Section Line discovery)
- M&I of 38 M tons with 686,000 oz Au and 4,750,000 oz Ag







Nevada Bureau of Mines and Geology Quaternary faults Quaternary sediments Quaternary-Tertiary volcanic rocks Upper Tertiary volcanic rocks Tertiary sedimentary rocks Lower Tertiary volcanic rocks Mesozoic and Tertiary intrusive rocks Jurassic or Cretaceous igneous and metamorphic complex Mesozoic sedimentary, volcanic, and intrusive rocks Upper Paleozoic sedimentary and volcanic rocks Upper Paleozoic carbonate rocks Lower Paleozoic sedimentary and volcanic rocks Lower Paleozoic carbonate rocks Precambrian metamorphic and intrusive rocks **Generalized Geologic Map of Nevada**

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 Mineral Exploration Coalition, 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.



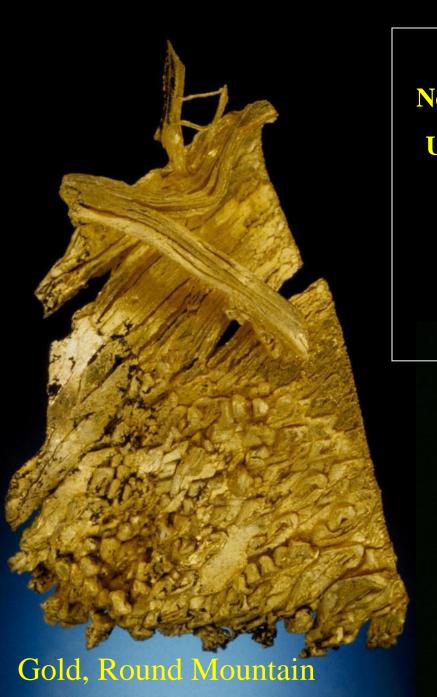
THE MAIN POINT





Nevada is a major natural resource producer and has significant mineral and energy resources that can provide strong economic development into the future.





Jonathan G. Price

Nevada Bureau of Mines and Geology

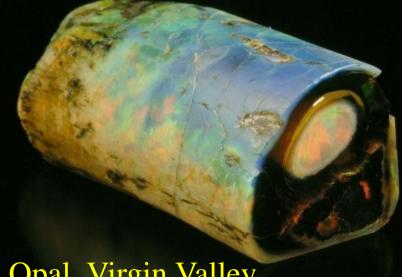
University of Nevada, Reno MS 178

Reno, NV 89557

775/684-6691

jprice@unr.edu

www.nbmg.unr.edu



Opal, Virgin Valley



Alan R. Coyner
Nevada Division of Minerals
400 W. King St. #106
Carson City, NV 89703

775/684-7047

acoyner@govmail.state.nv.us

minerals.state.nv.us

