Nevada's Legislative Committee on Public Lands

Eureka, Nevada July 20, 2004

Alan R. Coyner Nevada Division of Minerals

EXHIBIT L Lands	Docume	ent consists of 28 slides
☑ Entire document provided.		
☐ Due to size limitations,	and	provided. A copy of the
complete document is available through the Research Library (775/684-6827) or e-mail library@lcb.state.nv.us).		
		Meeting Date: 07-20-04

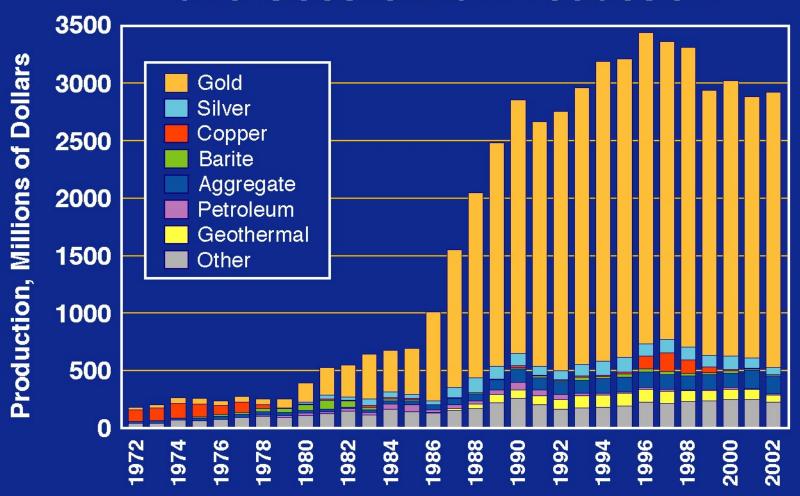
UPDATE ON PRODUCTION AND EXPLORATION ACTIVITY IN NEVADA

Jonathan G. Price¹, Alan R. Coyner², Joseph V. Tingley¹, and Doug Driesner²

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

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

Nevada Mineral, Petroleum, and Geothermal Production

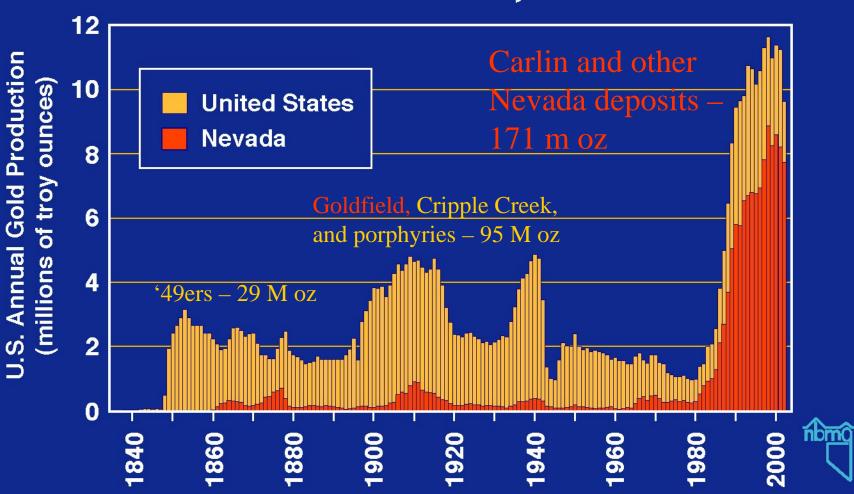




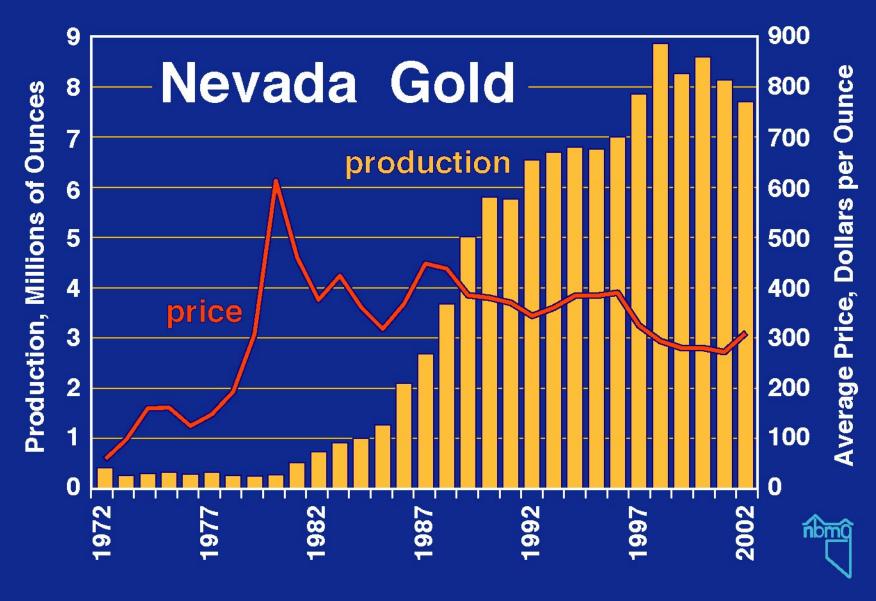
\$390+/0z Au

Nevada is a great place to explore for and mine gold.

Gold Production, 1835-2002



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



7.3M oz in 2003, 81% of U.S. and 10% of world production



Minerals of Nevada

NBMG Special Publication 31

(2003, 512 pages, \$75)

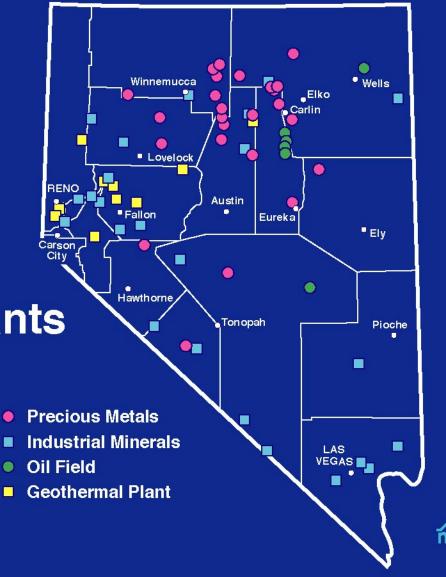
(www.nbmg.unr.edu)

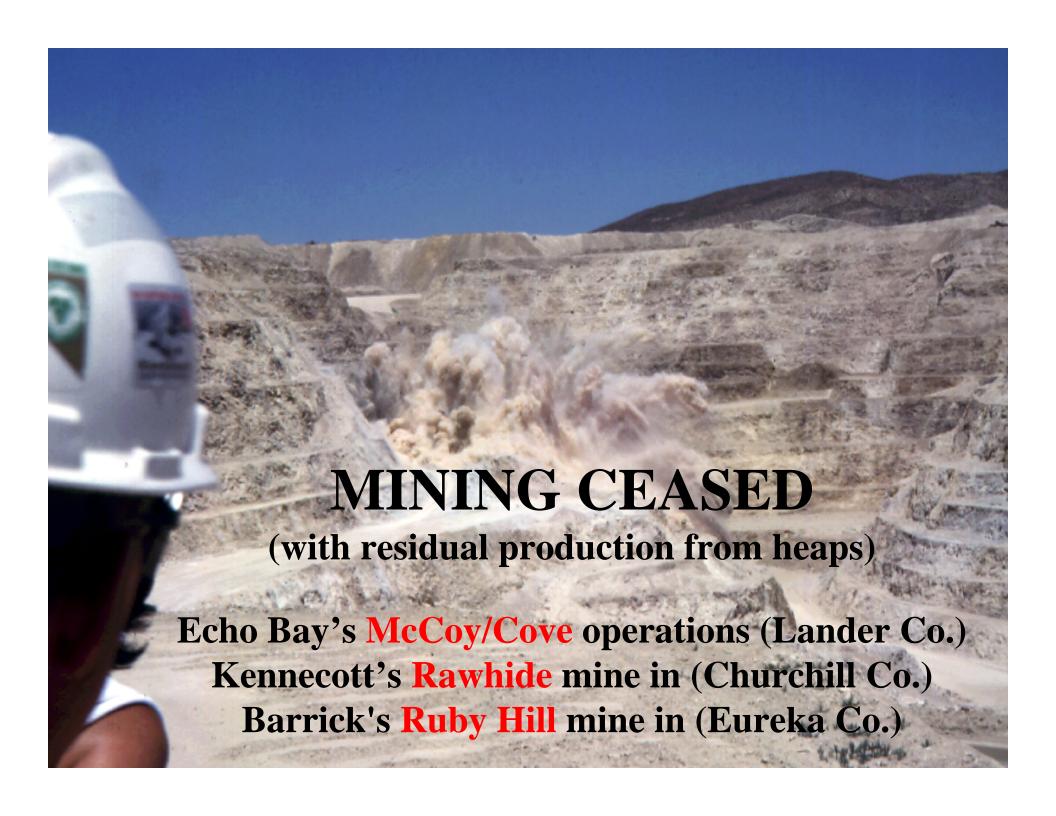


Major Mines,
Oil Fields, and
Geothermal Plants

24 major gold mines (44% from the Carlin trend)

8 not on the trend with > 100K oz/yr







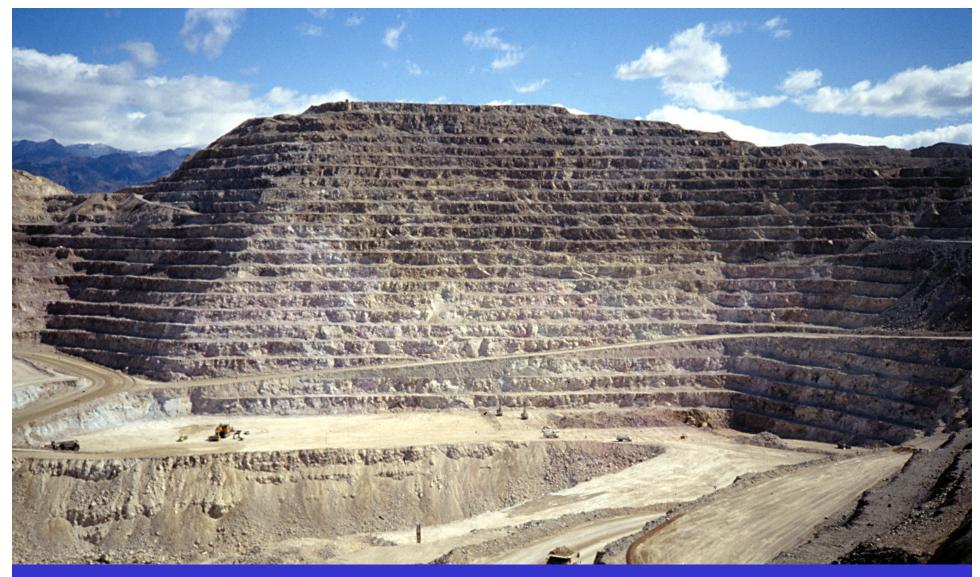
- •Placer Dome's Getchell Operations -Turquoise Ridge UG mine (Humboldt Co.)
 - •full production (300,000 oz Au per yr) by November of 2004 JV with Newmont to mill the ore at nearby Twin Creeks mine.
- •Golden Phoenix's Mineral Ridge mine near Silverpeak (Esmeralda Co.)
- Metallic Venture Gold Inc.'s Esmeralda Project (UG) at Aurora (Mineral Co.)



- Marigold JV (Glamis Gold & Barrick) expansion at Marigold Mine Millenium Project (Humboldt Co.)
- •Queenstake's Steer Mine (underground) at Jerritt Canyon (Elko Co.)
- •Apollo Gold's Standard Mine near the Florida Canyon Mine (Pershing Co.)
- •Goldspring's Billie the Kid Mine near Virginia City (small Au heap leach) (Storey Co.)

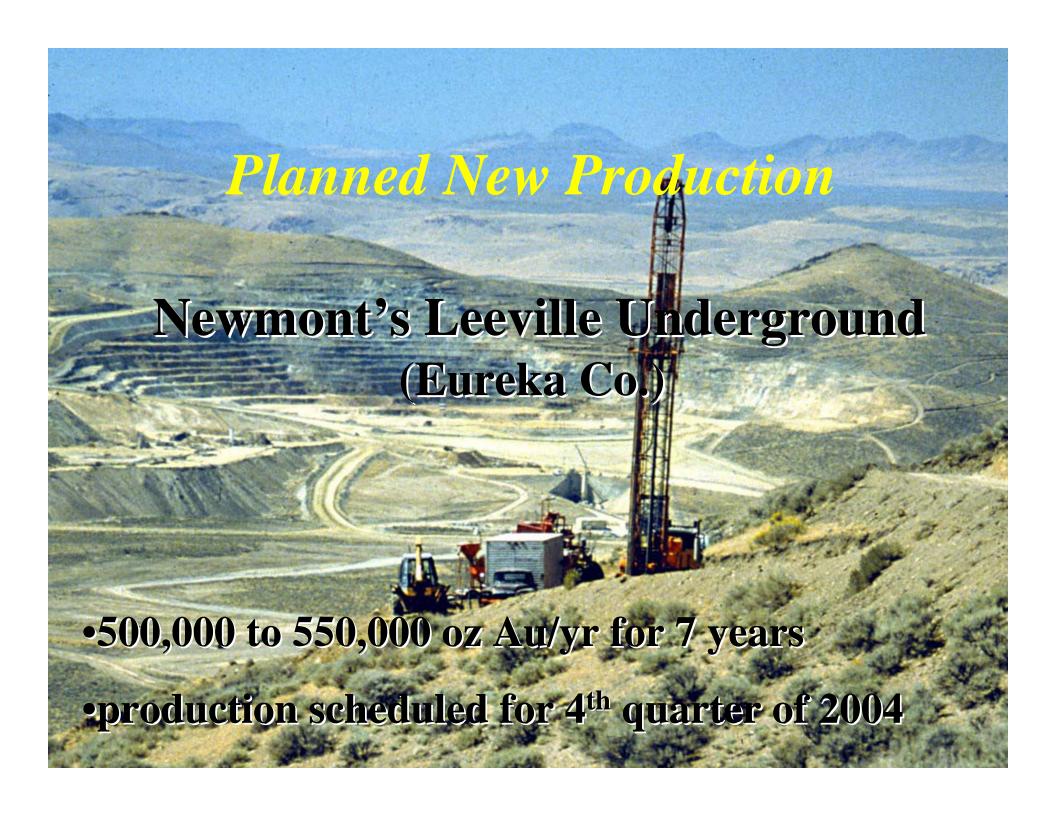


- •U.S. Gold/BacTech Enviromet to use bioleach technology at Tonkin Springs (Eureka Co.)
- •Newmont's Emigrant Deposit (1M oz Au) near the Rain mine beginning draft EIS (Elko Co.)
- •Barrick's Ruby Hill Mine near Eureka held public meetings to begin mining the East Archimedes deposit as early as 2005 (Eureka Co.)



Round Mountain Gold is planning a new open pit at Gold Hill, north of Round Mountain. A feasibility study and draft EIS is planned for 2004.





DISCOVERIES

Cortez JV (Placer Dome/Kennecott) (Lander Co.)

- Cortez Hills, Pediment and E.T. Blue gold deposits 7 miles from Pipeline
- Cortez Hills contains 5.2 M oz reserves,
 0.5M measured and indicated resources, and
 1 M oz inferred resources of Au (12/31/03)

Gold from Water (and Other Mining Scams)

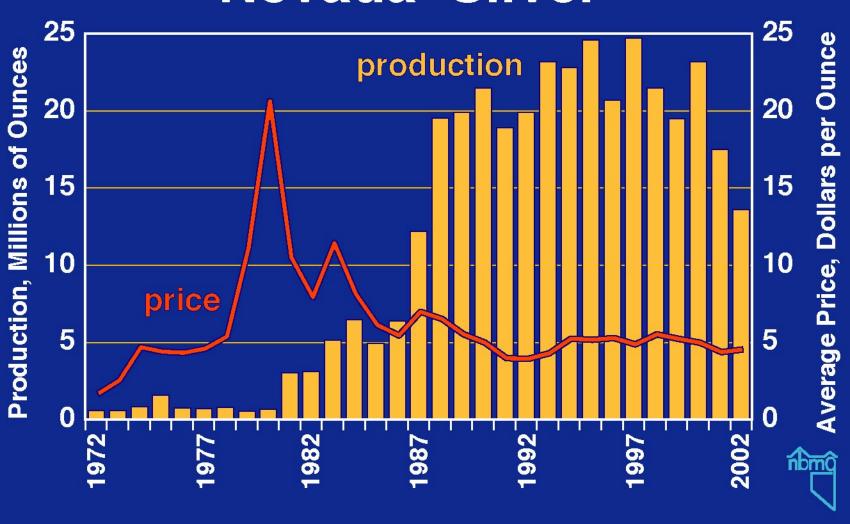
NBMG Special
Publication 22
www.nbmg.unr.edu
free on the Web



Report suspected scams to the Nevada Division of Minerals.



Nevada Silver



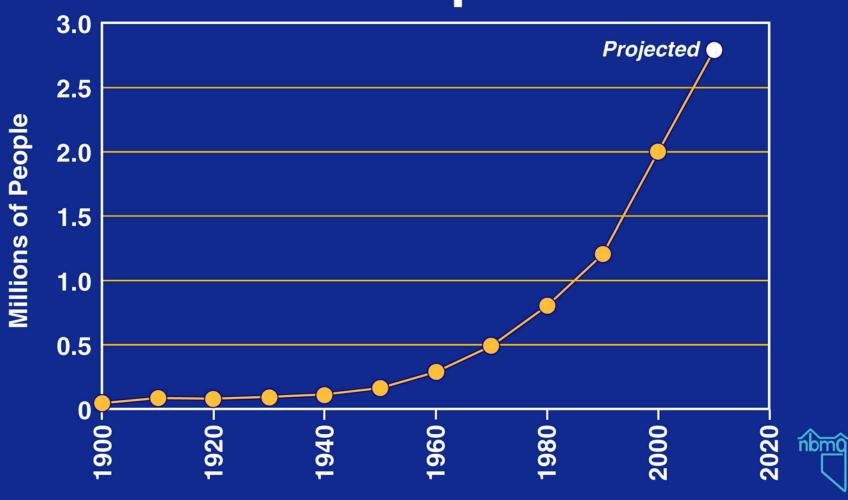
Nevada Copper



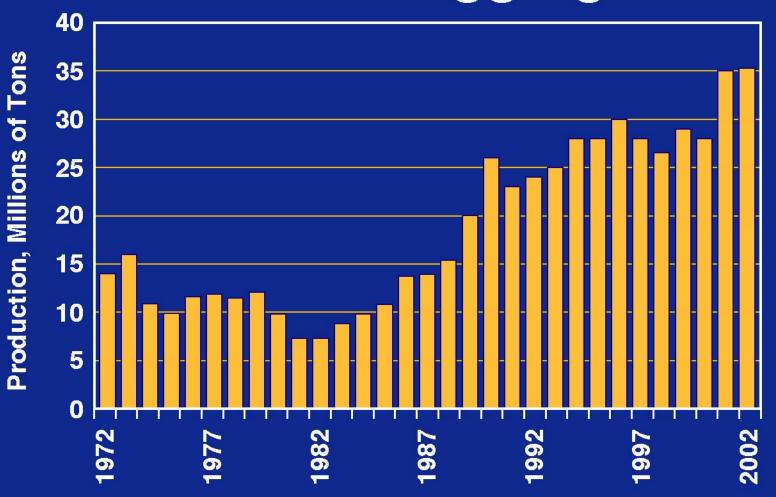
COPPER

- Equatorial Mining received \$157 million from Kvaerner US misrepresentation and professional negligence regarding a feasibility study at the company's copper mine near Tonopah (Nye Co.)
- Quadra Mining bought the Robinson Copper Project near Ely from BHP Magma and mining has commenced (White Pine Co.)

Nevada Population

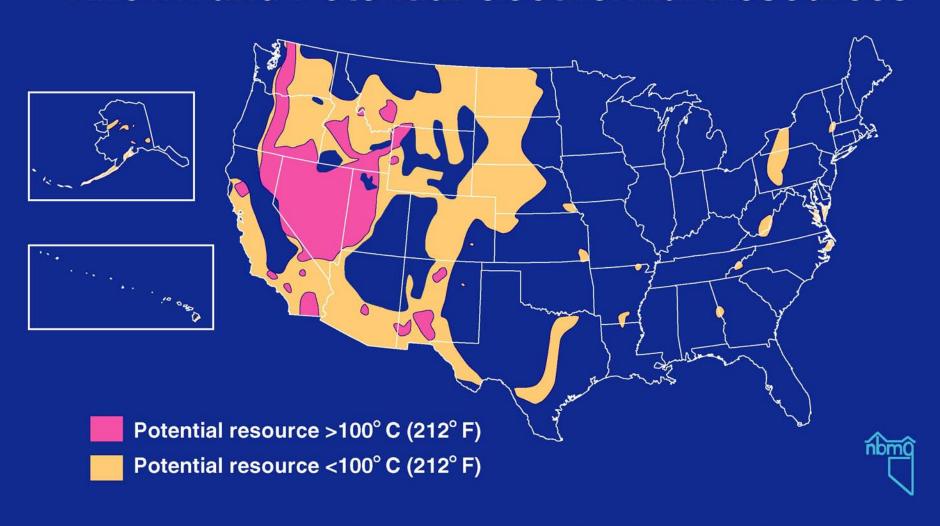


Nevada Aggregate





Known and Potential Geothermal Resources

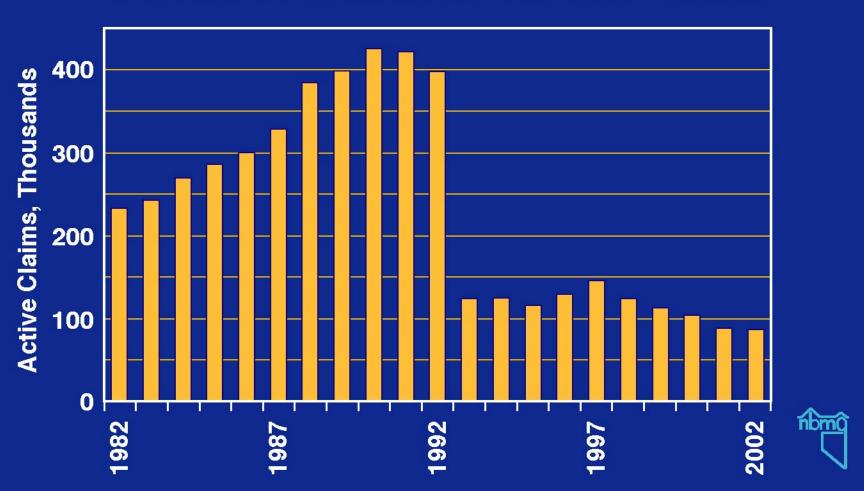


Compiled by the Energy and Geoscience Institute, University of Utah



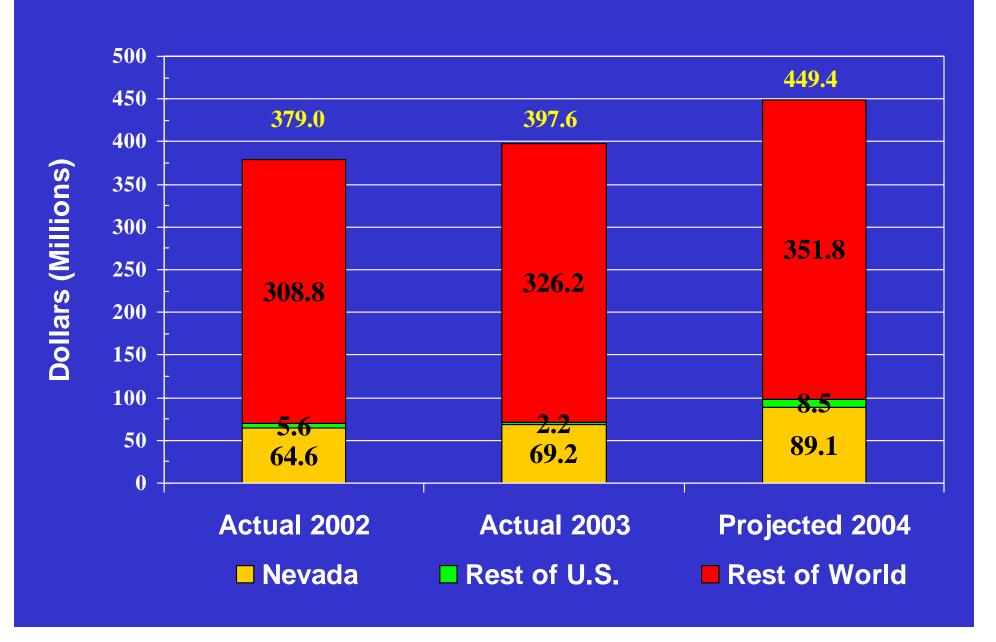
In 2003 exploration activity was reported in 63 of the 526 mining districts in Nevada, up from 55 in 2002 and 42 in 2001, but still less than 92 in 2000 and 107 in 1999.

Active Claims in Nevada

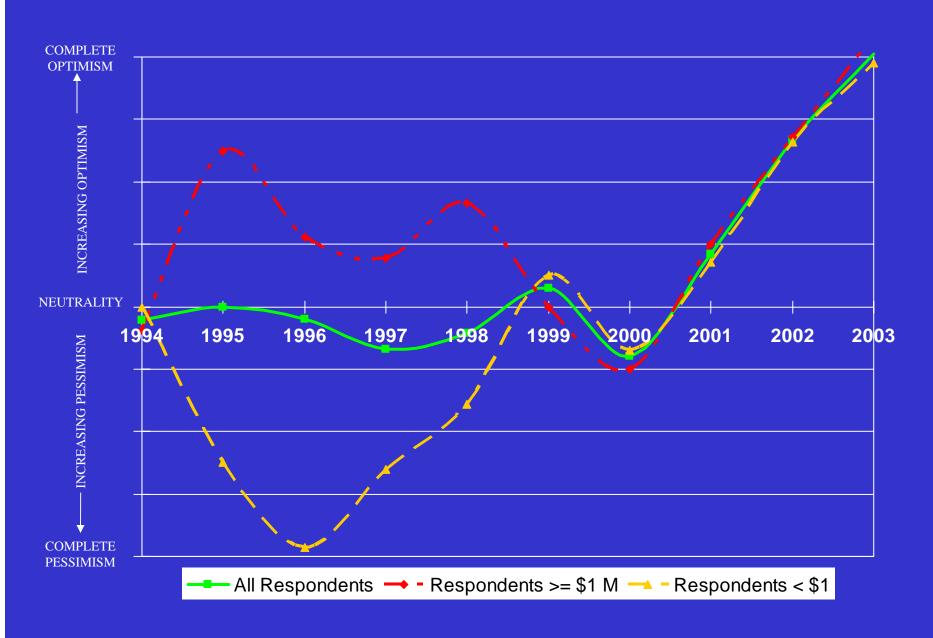


10,489 <u>new claims</u> were filed in Nevada in 2003, compared with 4,472 in the same period in 2002 – an increase of 135%

TOTAL EXPLORATION SPENDING 2002/03/04



OPTIMISM INDEX 1994-2002





Nevada is a great place in which to explore for and mine gold, silver, and other mineral and energy commodities