
Active Mines and Prospects within a Thirty-Mile Radius of the
Proposed High-Level Repository Site at Yucca Mountain, Nye
County, Nevada, Subsequent to January 1988
(As of July 1990)

Prepared by
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August 9, 1990

Prepared for
U.S. Nuclear Regulatory Commission
Washington, DC 20555
Under Interagency Agreement NRC-02-85-004

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ACTIVE MINES AND PROSPECTS WITHIN A THIRTY-MILE RADIUS
OF THE PROPOSED HIGH-LEVEL REPOSITORY SITE
AT YUCCA MOUNTAIN, NYE COUNTY, NEVADA,
SUBSEQUENT TO JANUARY 1988
(AS OF JULY 1990)

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INTRODUCTION

The Bureau of Mines (BOM) was directed by the Nuclear Regulatory Commission (NRC) in Work Directive-025, Task Order 002, Interagency Agreement NRC-02-85-004, to produce a map, a map overlay, and associated text showing those mines and prospects that have become active subsequent to January 1988. The map is intended as an update of the mines and prospect maps produced under Work Directive 019 as amended by Work Directive 021.

Work Directive-025 stipulated that the scope of the map be constrained to an area within a 30-mile radius of Yucca Mountain. This area includes the southwestern part of Nye County, Nevada, and the eastern portion of Inyo County, California.

DISCUSSION

Records of the California Division of Mines, Nevada Bureau of Mines and Geology, Mine Safety and Health Administration, and the Bureau of Mines' Mineral Industry Location System (MILS) subsequent to January 1988 were researched to identify active ¹/₁ mines or prospects within a 30-mile radius of the proposed high-level waste (HLW) repository at Yucca Mountain. Two producing gold/silver mines, two gold/silver prospects, and one producing bentonite mine were identified within the Nye County, Nevada portion of the area. No new mines or prospects were identified in the Inyo County, California portion of the area which is largely within the boundaries of Death Valley National Monument and withdrawn from mineral entry. The new properties are shown on an overlay accompanying the 1:250,000 geologic map of southern Nye County, and summarized in Table 1.

¹/₁"Active", as used here, means the property is either in the exploration, development, or producing phase of operation.

TABLE 1. Active mines and prospects within a 30-mile radius of Yucca Mountain subsequent to January 1988
(As of July 1990)

Map No.	Primary name	Secondary name	Status	Commodity	Location			Operator
					Twn.	Rng.	Sec.	
1	Gold Bar.....	Exploration	Au, Ag	12 S	46 E	6	Angst Inc. Beatty, NV
2	Montgomery-Shoshonedo.....	Au, Ag	12 S	46 E	10	Bond Gold Bullfrog Inc. Beatty, NV
3	New Discovery.....	Producer...	Bentonite	12 S	46 E	19	Vanderbilt Minerals Corp. Beatty, NV
4	Bullfrog.....	Bond Bullfrog New Bullfrog.	..do.....	Au, Ag	12 S	46 E	15	Bond Gold Bullfrog Inc. Beatty, NV
5	Cordex Prospect....	Daisy.....	Exploration	Au, Ag	12 S	47 E	13,14	Cordex Exploration Inc. Reno, NV
6	Mother Lode.....	GEXA Gold....	Producer...	Au, Ag	12 S	48 E	7	M. A. Degerstrom Inc. 2Beatty, NV

Source: Nevada Bureau of Mines and Geology. Major Mines of Nevada, 1989. NBNG Spec. Publ. 10, 1990.

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