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James Doyle Sell Mining Collection

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ASARCO

Southwestern Exploration Division

January 27, 1989

FILE NOTE

Western States Minerals Corp.
Mohave County, Arizona

At the Valuation Short Course, I talked with Richard McNeely, Northern Regional Manager for Western States Minerals Corporation, and later met Mr. Buck Morrow, President.

Some of the items gleaned:

1) They have finished leaching the Portland Mine after placing some 750,000 tons on the pads, with some 52,500 ounces gold contained. (No report on recovered ounces gold, but they reported 100,000 ounces of recovered silver in the dore).

2) At Portland, they found that the mineralized zone pinched and swelled along strike as well as down dip and this provided the additional ore.

3) They have picked up the Mockingbird property but have only drilled several holes rather close to the outcrop trend and found only similar thin, 4-10 foot thickness, zone as found in outcrop. However, they intend to drill down dip toward the volcanic hill to the east where they anticipate a frontal fault and increased thickness, by splaying out or increased subparallel fracturing to the main detachment zone. This drilling may be started early this spring.

4. They also have picked up the Tin Cup zone (S. Oatman) which is plus-minus on strike with the Fisher-Watt-Santa Fe Secret Pass deposit (±50,000 tons of 0.6 opt gold). Western States also has a Secret Pass prospect which is east of FWSF's deposit over a ridge line. They picked the property up based on the number of shafts and pits located around a reported porphyry zone exposed. A road cuts the southeast corner of the Secret Pass property.

5. They also picked up the Black Dyke property on the north side of the Roadside Mine and have a small property position in the ?? Hackberry District adjacent to the Hualapai Reservation NE of Kingman.

6. They are now putting into production a small property in Winnemucca, Nevada, called the Willard Deposit and will also place the Tecoma (Noranda's) deposit in production this year.

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