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James Doyle Sell Mining Collection

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ASARCO

Exploration Department
Western USA

W. L. Kurtz
Manager

December 10, 1984

Mr. Pete Drowbeck
Western States
4305 Stockton Hill Road
Kingman, AZ 86401

Dear Mr. Drowbeck:

Enclosed are location map, drill hole summaries, and assays of the holes we drilled at the Portland Mine. Hope these help you in your work.

Sincerely,

/s/ WLK

W. L. Kurtz

WLK/cg

cc: JDSell

Mardi 16, 1987

MOHAVE COUNTY GOLD "RESERVES" - RESOURCES

?*Kemple Camp: X00,000T @ .0X opt Au; detachment-lower plate Ron Aye
(to be visited) "Min.Eng"
Some drilling, promotion, trailer camp Ken Dobin

* Klondyke - Golden Door Area Combined Metals Reduction Co.
Gary Allen, Geol. (+ LTD partnership ?)
Fred Humphrey, Mgr.
Larry Atkinson, Promotor
+800,000T @ 0.07 ± 3/1 w/o CMR-Promotional Estim.
120,000T @ 0.097 1982 Fischer-Watt
(Former CMR partner)

*Portland (Western States Minerals, subsid. Groves Construct.)
+800 TPD open pit/heap leach
or < 1.43 m.t. @ .043 opt Au + 0.68 opt Ag >.01 Au > SRD, Asarco 1979
2.2 m.t. @ .033 opt Au + 0.59 opt Ag >.01 Au >
0.318 m.t. @ .098 opt Au @ 0.04 c/o, 31' thick Fischer-Watt 1981
+
0.75 m.t. @ .057 probable
0.90 m.t. @ .078 (45,000 oz "available") Pete Drobeck, Mine
Geol. 1985
by mid 1987 will quit mining and will have produced and have
on leach pads 30,000 oz. Au. Both W.States & Jordix Mill
failures; went to heap leach.
Combined Metals will drill 2 miles NE of Portland - Spring 1987
(Jar. + Hem in Volc.)

*Pilgrim (Al Smith) Galli Explor.Assoc. (Coeur d'Alene Mines)
(Ex Tylor/Metol-VSE, Galli partners)
Dave Cockrum (Geol) Also Ex-Duval, Fischer-Watt. Galli will drill
Spring/Summer 1987.
Production: 280,532T @ 0.17 opt Au + 0.26 Ag (Recovered)
Tails: +300,000T @ 0.01-.015 recovery + surf. assay
Reserves: 100,000T @ 0.5 opt (Prob. 0.1-0.15) JDS-GCNL (?)
750,000T @ 0.06 Guess - Fischer-Watt
Good looking HDS-Hermosa Bx + adularia flood: N&E of vn zone in HW

Roadside (Ex-Fischer-Watt 1986)
now: 200,000T @ .03 opt, .01 c/o 2.5/1 w/o (cut ±1/3 by 1986 drilling)
incl: 85,000T @ .045 Have drill data + maps (3/87)

Erisco (Bonelli Family) Doug Bonelli, Eng. want ±10-12% NSR ±Family Feud
(500,000T @ +.05 opt Au JDS (AGS 1984) Shutdown 1985-86

Arabian (Ex Sutton/Crown Resources) 11,000' drilling
530,000T @ 0.06 opt Au (op) ±.3 Ag Meridian 1984
or 800,000T @ 0.045 opt Au (op) ±.3 Ag
On Union Pass Highway (AZ 68). State has condemned part of Pat.
claims for widening highway R.O.W.

January 27, 1989

FILE NOTE

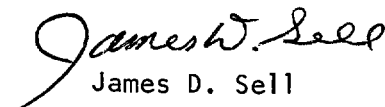
Western States Minerals Corp.
Mohave County, Arizona

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 ($\pm 50,000$ 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.

JDS:mek


James D. Sell

cc: W.L. Kurtz
F.T. Graybeal

ASARCO

JDS
Southwestern Exploration Division

December 21, 1992

J.D. Sell

Portland Mine Submittal

Dudley Davis, 619-454-6988, called re Portland Mine tails. Western States left 1.2 mt at .023 opt Au in tails. In addition, there is 40,000 t at .03 opt Au in the pit. I told him this was too small for us.

MAM:mek



Mark A. Miller