

702-856-1818

**MEMORANDUM**

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**DATE:** November 29, 1994

**TO:** E.M. (Buzz) Gerick  
Vice President Operations  
Western States Minerals Corp.  
250 S. Rock Blvd, Suite 130  
Reno, Nevada 89502

**FROM:** Barry Barnum

**PROJECT:** J.B. King annual sedimentation pond certification and subsidence survey.

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**SEDIMENTATION POND CERTIFICATION**

The sedimentation pond at the reclaimed J.B. King Mine site was inspected by Gaylen Cropper and Barry Barnum on November 21, 1994. The pond was dry but there were small patches of snow. The weather was cold and cloudy.

This pond is incised so out slopes do not exist. The inside slopes show no sign of weakness and appear to be stable. There are small animal burrows in the upper north east side of the pond but these do not affect the stability or usefulness of the pond. There is minor erosion where the collector ditch now discharges into the pond but this does not affect the integrity or usefulness of the pond.

The depth to sediment in the approximate center of the pond is 9.09 feet below the spillway compared to a depth of 9.45 feet last year.

The inlet from the feeder ditch is clear and functional. The spillway is vegetated but is clear and functional.

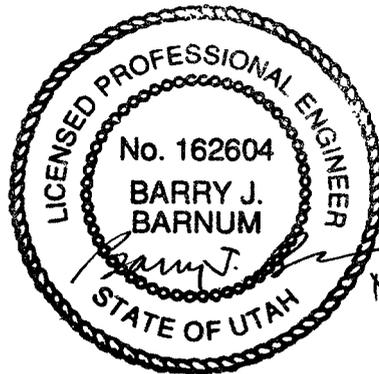
I certify that the J.B. King sedimentation pond is safe and functional, and that the above description is an accurate representation of the site conditions as of November 21, 1994.

E.M. (Buzz) Gerick  
November 29, 1994  
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### SUBSIDENCE SURVEY

On November 21, 1994, Gaylen Cropper and Barry Barnum measured the elevations of the J.B. King subsidence markers using a level. The calculation sheets resulting from that survey are attached. The summary sheet compares the measurements from this survey with those of the last survey. The maximum differences between these elevations and those of the last survey were +0.03 and -0.02 feet. These differences are within the tolerances of the previous surveys and indicate that no additional subsidence has occurred since the last survey.

Certified by:



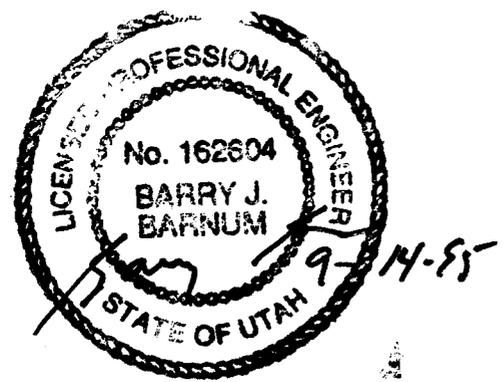
Nov. 29, 1994

WESTERN STATES MIN. & SALS  
PROJECT: J.B. KING SUBSIDENCE  
FEATURE: LEVELING NOTES  
PROJECT NO. \_\_\_\_\_

SHEET 1 OF 2  
COMPUTED BY BJB  
CHECKED  
DATE 11/22/94

SET UP

HI	6505.90		6497.64		6503.72		6514.62	
STA	READING	ELEV.	READING	ELEV.	READING	ELEV.	READING	ELEV.
CAP	0.45	6505.45						
S8	4.75	6501.15						
S7	8.87	6497.03	0.61	6497.03				
S6	17.11	6488.79	8.85	6488.79				
S5			12.73	6484.91				
S4			8.04	6489.60	14.12	6489.60		
S3					6.94	6496.78	17.84	6496.78
S2							9.76	6504.86
S1							0.61	6514.01



SUMMARY

<u>STATION</u>	<u>ELEVATIONS</u>		<u>DIFFERENCE</u>
	<u>1/21/94</u>	<u>11/21/94</u>	
CAP	6505.45	6505.45	ASSUMED
S8	6501.14	6501.15	+ 0.01
S7	6497.02	6497.03	+ 0.01
S6	6488.77	6488.79	+ 0.02
S5	6484.92	6484.91	- 0.01
S4	6489.62	6489.60	- 0.02
S3	6496.81	6496.78	- 0.03
S2	6504.87	6504.86	- 0.01
S1	6513.98	6514.01	+ 0.03

