

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4896

State

Arizona

Land District

**FIELD NOTES**

Of the Survey of the Mining Claim of *(name and address of claimant)*

Continental Lime Inc.  
3950 South 700 East, Suite 301  
Salt Lake City, Utah 84107

Known as the *(name of group, if any)*

MARG LODES

NAME OF CLAIM(S)

NAME OF LOCATION	DATE			BLM MINING CLAIM SERIAL NUMBER
	LOCATED AND AMENDED	RECORDED WITH COUNTY	RECORDED WITH BLM	
MARG #5	03/25/94	04/08/94	05/06/94	AMC 330684

LOCATION OF CLAIM(S)

Mining district <b>Dripping Springs</b>			County <b>Gila</b>	
Sections <b>9</b>	Township <b>3 South</b>	Range <b>15 East</b>	Meridian <b>G&amp;SRM</b>	Survey under order dated <b>December 11, 1995</b>
Survey commenced <b>February 17, 1997</b>		Survey completed <b>February 23, 1997</b>	Name of Mineral Surveyor <b>William F. Mueller</b>	

## Mineral Survey No. 4896

FEET

This survey was conducted with a Topcon Electronic Total Station Model GTS-4A, Serial No. FK0052, which utilizes electronic horizontal and vertical circles that display measured horizontal and zenith angles directly in degrees, minutes, and seconds. All lines of this survey were measured with this instrument which uses an infra-red light beam to measure the slope dist. from the instrument toward a reflector to horizontal dist. within the instrument by an electronic computing device and displays the horizontal dist. directly to the nearest thousandth of a foot. The instrument was tested on a base line of known length before and after the survey was completed and found to be in good adjustment during the time that this survey was executed.

Bearings referred to in this record were determined by the average of two horizontal angle measurements, one with the telescope in the direct position, and one with the telescope in the reversed position. These angles were referred to the meridian by the following observations:

February 23, 1997, at Cor. No. 2 of the MARG #5 lode, at latitude  $33^{\circ}11'21''$  N., and longitude  $110^{\circ}48'49''$  W., elevation approximately 3750 feet above sea level, and temperature  $60^{\circ}$  F., make a series of eight observations on the sun for azimuth at approximately equal time intervals, four each with the telescope in the direct position and reversed position, observing the horizontal angle right from Cor. No. 1 of the MARG #5 lode, and the zenith angle to the center of the sun, using a solar reticle and solar filter.

Mean time of observation (105th meridian (M.S.T.))	=	9:00:20.9 AM
Declination of the sun at mean time of observation	=	S. $9^{\circ}38'33.3''$
Mean observed zenith angle to sun's center	=	$66^{\circ}51'41.4''$
Mean observed horizontal angle right from Cor. No. 2 of the MARG #5 lode to the sun's center	=	$351^{\circ}19'08.1''$
True bearing to Cor. No. 1 of MARG #5 lode	=	S. $51^{\circ}23'08''$ E.

All lines and connections of this survey were run by direct methods except as noted.

The magnetic declination observed at each cor. gave a uniform value of  $14^{\circ}$  E.

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At Cor. No. 1 of the MARG #5 lode:

Set an iron post, 24 ins. long, 2 ins. diam., 19 ins. in the ground, with a  $3\frac{1}{4}$  ins. diam. aluminum cap mkd. MARG5-1-MS4896-1997; from which

The cor. of secs. 3, 4, 9, and 10, T. 3 S., R. 15 E., G&SRM, bears N.  $28^{\circ}31'46''$  E., 2203.46 ft. dist., hereinafter described.

The  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, T. 3 S., R. 15 E., G&SRM, bears N.  $39^{\circ}28'20''$  W., 2505.09 ft. dist., hereinafter described.

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	No local bearing objects or bearing trees available. Thence N. 51°23'08" W.
56.	Ridge, bears N. 33° E. and S. 33° W.
156.	Dry wash, 6 ft. wide, course S. 28° W.
292.16	Lode line, discovery point bears N. 40°59'58" E., 100.00 ft. dist.
296.	Ridge, bears N. 35° E. and S. 35° W.
416.	Center of road, 12 ft. wide, bears N. 83° E. and S. 83° W.
471.	Dry wash, 5 ft. wide, course S. 20° W.
584.32	Cor. No. 2. Set an iron post, 24 ins. long, 2 ins. diam., 14 ins. in the ground, in a mound of earth and stone, with a base 2 ft. diam., 10 ins. high, with a 3¼ ins. diam. aluminum cap mkd. MARG5-2-MS4896-1997. No local bearing objects or bearing trees available. Thence N. 40°41'35" E.
665.	Dry wash, 4 ft. wide, course South.
934.	Ridge, bears N. 27° W. and S. 27° E.
1122.	Center of road, 16 ft. wide, bears S. 12° E. and N. 12° W.
1464.34	Cor. No. 3. Set an iron post, 24 ins. long, 2 ins. diam., 18 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. MARG5-3-MS4896-1997. No local bearing objects or bearing trees available. Thence S. 51°23'08" E.
297.	Dry wash, 8 ft. wide, course S. 1° E.
300.00	Lode line; discovery point bears S. 40°59'58" W., 1364.64 ft. dist.
600.00	Cor. No. 4. Set an iron post, 24 ins. long, 2 ins. diam., 19 ins. in the ground, with a 3¼ ins. diam. aluminum cap mkd. MARG5-4-MS4896-1997. No local bearing objects or bearing trees available. Thence S. 41°18'21" W.
253.	Dry wash, 8 ft. wide, course S. 14° E.
719.	Center of road, 16 ft. wide, bears N. 28° W. and S. 28° E.
744.	Ridge, bears N. 37° W. and S. 37° E.
848.	Dry wash, 6 ft. wide, course S. 4° E.

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FEET 1012.  1464.99	Center of road, 14 ft. wide, bears S. 89° W. and S. 72° E. Cor. No. 1, and place of beginning.
	<hr/> Mineral Survey No. 4896 <hr/>
	<b>AREAS</b>
	Acres
	Total area, MARG #5 lode ..... 19.893
	<hr/> <b>LOCATION</b>
	This survey is located in the NE $\frac{1}{4}$ of sec. 9, T. 3 S., R. 15 E., G&SRM, Gila County, Arizona.
	The survey of this claim of this survey is identical with the location as marked on the ground.
	<hr/> <b>EXPENDITURES</b>
	The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or its grantor are as follows:
No. 1	The discovery point of the MARG #5 lode, a post and Notice of Location is on the lode line N. 40°59'58" E., 100.00 ft. dist., from the center of line 1-2. No value.
	<hr/> <b>COMMON IMPROVEMENTS</b>
No. 1	A drilling program with 1 hole with total depth of 320 ft. and a total value of \$3808.00.  Drill Hole No. EC-94-J, bears N. 36°04' W., 252.5 ft. dist., from Cor. No. 1 of the MARG #5 lode, vertical hole, 4.5 ins. diam., 320.0 ft. deep, reverse circulation. Value \$3808.00.  Total value of expenditures this survey: \$3808.00. Allocation of proportionate share of expenditures to this survey: \$3808.00.  This improvement affords the most practical and economical means of developing this lode.  Five hundred dollars or over has been expended in this improvement in such a manner as tends to the development of each lode of this survey, subsequent to its location and to the time since which common ownership and contiguity have prevailed.  No portion of or interest in these improvements has been credited heretofore as patent expenditures to any lode claims.

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FEET

OTHER CORNER DESCRIPTIONS  
AND SUPPLEMENTAL DATA

The cor. of secs. 3, 4, 9, and 10, T. 3 S., R. 15 E., G&SRM, was found to be monumented with an iron post and GLO brass cap, firmly set and properly mkd.

The  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, T. 3 S., R. 15 E., G&SRM, was found to be monumented with an iron post and GLO brass cap, firmly set and properly mkd.

The line from the cor. of secs. 3, 4, 9, and 10 T. 3 S., R. 15 E., to the  $\frac{1}{4}$  sec. cor. of secs. 4 and 9, T. 3 S., R. 15 E., G&SRM, was found to be S.  $89^{\circ}57'14''$  W., 2644.89 ft. dist., instead of N.  $89^{\circ}58'$  W., 2645.94 ft. dist., as approved.

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 FIELD ASSISTANTS

Name	Capacity
Don Aschenbach	Rod/Chain Man

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

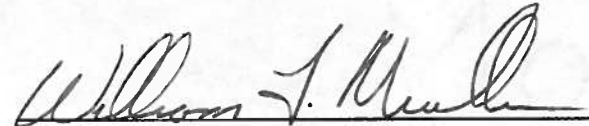
Name of Mineral Surveyor William F. Mueller	Date SEPTEMBER 14, 1998
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I HEREBY CERTIFY That in pursuance of an order received from the Arizona State Office, Bureau of Land Management, at Phoenix, Arizona, dated December 11, 1995, I have carefully executed the survey of the claim of Continental Lime Inc., known as the Marg #5 lode, situated in surveyed section 9, Township 3 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona.

This survey, designated as number 4896, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the Marg #5 lode location embraced in the said mining claim by claimant(s) or its grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Elko, Nevada  
\_\_\_\_\_  
(Location)

  
\_\_\_\_\_  
(Signature of Mineral Surveyor)

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

CERTIFICATE OF APPROVAL

Arizona State Office  
Phoenix, Arizona  
September 21, 1998

The foregoing field notes of mineral survey number 4896, in surveyed section 9, Township 3 South, Range 15 East, Gila and Salt River Meridian, in the State of Arizona, executed by William F. Mueller, Mineral Surveyor, under order dated December 11, 1995, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

Lenny D Ravnikar  
(Authorized Signature)

Chief Cadastral Survey of Arizona  
(Title)

~~CERTIFICATE OF TRANSCRIPT~~

~~I HEREBY CERTIFIED That the foregoing transcript of field notes of the above-described mineral survey number 4896 is a true copy of the original notes.~~

~~\_\_\_\_\_  
(Authorized Signature)~~

~~Chief Cadastral Survey of Arizona  
\_\_\_\_\_  
(Title)~~