



## **CONTACT INFORMATION**

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PRINTED: 01/15/2003

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CLAY KING MINE

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 766

LOCATION: TOWNSHIP 10 N RANGE 19 W SECTION 34 QUARTER NE  
LATITUDE: N 34DEG 10MIN 02SEC LONGITUDE: W 114DEG 13MIN 03SEC  
TOPO MAP NAME: BLACK PEAK - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:  
CLAY

BIBLIOGRAPHY:  
ADMMR CLAY KING MINE FILE  
ADDITIONAL HOLDINGS IN T10N R19W SEC 35 &  
T9N R19W SEC 2

(placer location)  
CLAY - 7 claims - covering a  
fine grade of clay - 17.15%  $Al_2O_3$   
Thickness of from 100 to 150  
feet with practically no overburden.  
Within 3/4 mile of Colorado River -  
High Tension power line crosses  
Property. Good roads - and within  
4 miles of town. Northern Yuma  
County. For Sale or royalty.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona  
MINE OWNER'S REPORT

HC-61

Date: 8-30-1941

1. Mine - CLAY KING MINE
2. Location: 4 miles NE of Parker; 3/4 mile E of Colorado River.
3. Mining District & County: Cienega Mining Dist. Yuma County.
4. Former name
5. Owners - C. Osborne Botzum  
E. S. Osborne, Jr.  
H. M. Osborne
6. Address: P. O. Box 1587,  
Parker, Arizona.
7. Operator
8. Address (Operator)
9. President, Owing Co.,
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals: CLAY
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type
18. Operations: Present
19. Operations: Planned
20. Number Claims, Title, etc. 7 placer claims in Sections (34 & 35 and in  $\frac{1}{2}$  N. section just south of section 35) Township 10 north, Range 19 West - just outside of Colorado Indian Reservation.
21. Description: Topography & Geography - Mesa, 100 to 150 feet above level of drainage creeks. Low rolling country - no vegetation, except low desert growths. Mesa cut by several erosion creeks.
22. Mine Workings: Amt. & Condition

Only location and discovery openings.  
Exposures on side hills.

23. Geology & Mineralization - Thick strata of loosely cemented gravels in form of conglomerate as basement on top of which lays a 4 to 20 ft. laminated limestone, which in turn is covered by clay bed from 100 to 150 ft. thick with little or no overburden.
- 24A. Clay bed covers 75% of the claim area with thickness of from 100 to 150 ft.
25. Mine, Mill Equipment & Flow-Sheet
26. Road Conditions, Route - Good road to property.
27. Water Supply - Colorado River 3/4 miles distant.
28. Brief History - Analysis by Baverstock & Payne of Los Angeles, dated January 2, 1929

	<u>CLAY</u>		<u>LIMESTONE</u>
	SiO <sub>2</sub>	54.45%	12.4
	Al <sub>2</sub> O <sub>3</sub>	17.15	2.0
	Fe <sub>2</sub> O <sub>3</sub>	5.5	0.7
	CaO	4.55	46.0
	MgO	4.0	0.7
	Loss by ignition	14.35	
		Equivalent to	
		CaCO <sub>3</sub>	82.2
		MgCO <sub>3</sub>	1.5

29. Special Problems, Reports Filed
30. Remarks
31. If property for sale: Price, terms and address to negotiate  
FOR SALE - See owner.
32. Signature: C. Osborne Botzum  
P. O. Box 1587, Parker, Arizona
33. Use additional sheets if necessary.

*Handwritten signature/initials*

1 October 1941

Mrs. Clara Osborne Botzum,  
Parker,  
Arizona.

My dear Clara:

We are today in receipt of a letter from Kalumite, Inc., Salt Lake City, Utah, as follows:

"The sample of clay from the Clay King Mine near Parker, Arizona, has been assayed as shown in the attached Laboratory Report 887 M. This assay checks the previous sample sent in by Mr. R. M. Osborne and represents about what would be expected of this type of clay. Unfortunately, the location of a clay deposit in Arizona makes it absolutely necessary that the minimum alumina content be 30% and preferably 35% before it is suitable for consideration as an ore of alumina."

Report as follows:

Lab. Rept. No. 887 M  
Date: 9-23-41  
Analyst: E. E. Sheldon  
Record: Vol. 64, P. 225

"Clay Sample from Clay King Mine, near Parker, Arizona.

See Also Report 837K.

Submitted by J. S. Coupal, Department of  
Mineral Resources, 318 Title & Trust Bldg.,  
Phoenix, Arizona

Rec'd. 9-13-41.

Lab. No. 13829

"Routine Assay

"Loss at 600° - - - - - 11.22%

Available R<sub>2</sub>O<sub>3</sub>\* - - - - - 12.80

\*High Iron Content

Sample contains Carbonate."

Clara Osborne Botzum -2-

Sam said that you had been ill, but I hope that you had recovered sufficiently to be able to attend the "party" in Los Angeles and that you were able to keep that wild Sam on the "straight and narrow".

Trusting that you are feeling your "peppy" self again, and with kindest personal regards, I am

Sincerely,

Jess R. Fickas

Handwritten notes and signatures, including a signature that appears to be "JRF".

Additional handwritten notes or signatures at the bottom of the page.

I received this

8.6

# KALUNITE, INC.

81 NAVAJO STREET  
SALT LAKE CITY  
UTAH

September 23, 1941

Mr. J.S. Coupal  
Department of Mineral Resources  
518 Title & Trust Building  
Phoenix, Arizona

Dear Mr. Coupal:

The sample of clay from the Clay King Mine near Parker, Arizona has been assayed as shown in the attached Laboratory Report 887 M. This assay checks the previous sample sent in by Mr. H.M. Osborne and represents about what would be expected of this type of clay. Unfortunately, the location of a clay deposit in Arizona makes it absolutely necessary that the minimum alumina content be 30% and preferably 35% before it is suitable for consideration as an ore of alumina.

Very truly yours,

*A. Fleischer*  
Arthur Fleischer

AF:fd





KALUNITE, INC.

Lab. Rept. No. 887 M  
Date: 9-23-41  
Analyst: E.E. Sheldon  
Record: Vol. 64, p. 225

Clay Sample from Clay King Mine, near Parker, Arizona.  
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Submitted by J.S. Coupal, Department of  
Mineral Resources, 518 Title & Trust Bldg.,  
Phoenix, Arizona  
Rec'd. 9-13-41

Lab. No. 13829

Routine Assay

Loss at 600°C.....11.22%

Available R<sub>2</sub>O<sub>3</sub>\*.....12.80

\* High Iron Content

Sample contains carbonate

September 9, 1941

Miss C. O. Botzum  
P. O. Box 1587  
Parker, Arizona

Dear Clara:

I am enclosing copies of two letters I have written regarding the Clay King property and have forwarded the samples as mentioned in the letter.

With best wishes, I am

Very truly yours,

J. S. Coupal

JSC:LP  
Enc.

12 September 1941

Mrs. C. Osborne Botzum,  
P. O. Box 1587,  
Parker, Arizona.

My dear Mrs. Botzum:

I am enclosing herewith a copy of mine owners report covering the CLAY KING MINE in the Cienega Mining District, Yuma County, Arizona, filed with the Department of Mineral Resources.

I shall be glad to submit a copy of this report to anyone making inquiry for a property such as yours.

With kindest personal regards, I am

Yours very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW-jrf  
encl.

September 15, 1941

Mrs. Clara O. Botzum  
P. O. Box 1587  
Parker, Arizona

Dear Clara:

I am enclosing a copy of a letter I have just written  
R. V. Leeson regarding the Clay King deposit and hope that you  
may hear from him within the next week or ten days.

I hope that you are feeling better and that I will  
hear from you shortly.

Very truly yours,

By J. S. Coupal

JSC:LP  
Enc.

September 15, 1941

Mr. R. V. Leeson  
514 Title & Trust Bldg.  
Phoenix, Arizona

Dear Mr. Leeson:

I am enclosing a copy of the Mine Owner's Report on the Clay King Mine which I hope will be of interest to you in connection with the proposed cement plant. I am also having delivered a sample of this clay. I personally inspected the property briefly a few weeks ago and know that there is a large tonnage of clay available, easily accessible, and with a very small amount of overburden.

You may also be interested in the article in the copy of Mining Technology, September, 1941, the American Institute of Mining Engineers on "Milling at the Permanente Cement Plant".

I have written Frank P. Knight, Christmas Copper Company, Christmas, regarding a brief description of the lime deposit on his property and when this letter arrives I have instructed my office to submit it to you.

Very truly yours,

By J. S. Coupal

JSC:LP  
Enc.

CC: Clara O. Botzum





MC-61

Date: 8-30-1941

- 1. Mine - CLAY KING MINE
- 2. Location: 4 miles NE of Parker; 3/4 mile E of Colorado River.
- 3. Mining District & County: Cienega Mining Dist. Yuma County.
- 4. Former name
- 5. Owners - C. Osborne Botzum  
E. S. Osborne, Jr.  
H. M. Osborne
- 6. Address: P. O. Box 1587, Parker, Arizona.
- 7. Operator
- 8. Address (Operator)
- 9. President, Owing Co.,
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals: CLAY
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type
- 18. Operations: Present

LIMESTONE

CLAY

19. Operations: Planned	24.45%	17.15%	2.5%	4.55%	4.0%	14.35%
	15.4%	0.7%	46.0%	0.7%		

20. Number Claims, Title, etc. 7 placer claims in Sections (34 & 35 and in 1/2 N. section just south of section 35) Township 10 north, Range 19 West - just outside of Colorado Indian Reservation.

21. Description: Topography & Geography - Mesa, 100 to 150 feet above level of drainage creeks. Low rolling country - no vegetation, except low desert growths. Mesa cut by several erosion creeks.

22. Mine Workings: Amt. & Condition  
Only location and discovery openings.  
Exposures on side hills.



23. Geology & Mineralization - Thick strata of loosely cemented gravels in form of conglomerate as basement on top of which lays a 4 to 20 ft. laminated limestone, which in turn is covered by clay bed from 100 to 150 ft. thick with little or no overburden.

24A. Clay bed covers 75% of the claim area with thickness of from 100 to 150 ft.

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route - Good road to property.

27. Water Supply - Colorado River 3/4 miles distant.

28. Brief History - Analysis by Baverstock & Payne of Los Angeles, dated January 2, 1929

	<u>CLAY</u>	<u>LIMESTONE</u>
SiO2	54.45%	12.4
Al2O3	17.15	2.0
Fe2O3	5.5	0.7
CaO	4.55	46.0
MgO	4.0	0.7
Loss by ignition	14.35	

Equivalent

CaCO3	82.2
MgCO3	1.5

29. Special Problems, Reports Filed

30. Remarks

31. If property for sale: Price, terms and address to negotiate

FOR SALE - See owner.

32. Signature: C. Osborne Botzum  
P. O. Box 1587, Parker, Arizona

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

MC-61

Handwritten initials/signature

Date

8/30/41

- 1. Mine CLAY KING
- 2. Location 4 miles NE of PARKER  
3/4 " E of Colorado River
- 3. Mining District & County CIENEGA MINING DIST.  
YUMA COUNTY
- 4. Former name
- 5. Owner { C. OSBORNE BOTZUM ✓  
E. S. OSBORNE JR.  
H. M. OSBORNE
- 6. Address (Owner) P.O. 1587  
PARKER -
- 7. Operator
- 8. Address (Operator)
- 9. President, Owning Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals CLAY - ✓
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed 2
- 17. Power: Amt. & Type
- 18. Operations: Present

19. Operations: Planned

20. Number Claims, Title, etc. 7 PLACER CLAIMS - IN SECTS. 34 & 35 and  
1/2 N. SECT. JUST S of SECT 35.  
T. 10N - R 19W - just outside of Colorado  
Indian Reservation.

21. Description: Topography & Geography Mesa - 100 to 150 feet above level  
of drainage shear creeks - low rolling country -  
no vegetation - except low desert growths -  
mesa cut by several erosion creeks.

22. Mine Workings: Amt. & Condition  
Only location & discovery openings.  
Exposers on side hills.

(over)

23. Geology & Mineralization

① *Block state of loosely cemented gravels - in form of conglomerate as basement - on top of which lays a 4 to 20 foot laminated limestone - which in turn is covered by clay bed from 100 to 150 feet thick with little or no overburden.*

24. Ore: Positive & Probable, Ore Dumps, Tailings

*Clay bed covers 75% of the claim area with thickness of from 100 to 150 feet.*

24A. Dimensions and Value of Ore body

*Clay bed covers 75% of the claim area with thickness of from 100 to 150 feet.*

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

*Good road to property*

27. Water Supply

*Colorado River - 3/4 miles distant*

28. Brief History

*Analysis of clay - Jan. 2. 1929 by Barnstark + Payne of Los Angeles.*

29. Special Problems, Reports Filed

30. Remarks

	CLAY	LIMESTONE
SiO <sub>2</sub>	54.45%	12.4
Al <sub>2</sub> O <sub>3</sub>	17.75	2.0
Fe <sub>2</sub> O <sub>3</sub>	5.5	0.7
CaO	4.55	46.0
MgO	4.0	0.7
Loss by Ignition	14.35	82.2
		Equivalent to
		CaCO <sub>3</sub>
		MgCO <sub>3</sub>
		82.2
		1.5

31. If property for sale: Price, terms and address to negotiate.

*For sale see owner.*

32. Signature

*Notes by C. J. Osborne*

33. Use additional sheets if necessary.



*Mark*

1 October 1941

Mrs. Clara Osborne Botzum,  
Parker,  
Arizona.

My dear Clara:

We are today in receipt of a letter from Kalunite,  
Inc., Salt Lake City, Utah, as follows:

"The sample of clay from the Clay King Mine near Parker,  
Arizona, has been assayed as shown in the attached  
Laboratory Report 887 M. This assay checks the previous  
sample sent in by Mr. R. M. Osborne and represents about  
what would be expected of this type of clay. Unfortunately,  
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an ore of alumina."

Report as follows:

"Lab. Rept. No. 887 M  
Date: 9-23-41  
Analyst: E. E. Sheldon  
Record: Vol. 64, P. 225

"Clay Sample from Clay King Mine, near Parker, Arizona.  
See Also Report 887K.

Submitted by J. S. Coupal, Department of  
Mineral Resources, 518 Title & Trust Bldg.,  
Phoenix, Arizona

Rec'd. 9-13-41.  
"Lab. No. 13829  
"Routine Assay

"Loss at 600° - - - - - 11.22%  
Available R<sub>2</sub>O<sub>3</sub>\* - - - - - 12.80

\*High Iron Content  
Sample contains Carbonate."

Clara Osborne Botzum -2-  
MAY 1930  
MAY 1930

Sam said that you had been ill, but I hope that you had recovered sufficiently to be able to attend the "party" in Los Angeles and that you were able to keep that wild Sam on the "straight and narrow".

Trusting that you are feeling your "peppy" self again, and with kindest personal regards, I am

Sincerely,

Jess R. Fickas

jr  
The committee of the State of California...

The State of California...

State of California  
County of...

Jess R. Fickas

8.6

# KALUNITE, INC.

81 NAVAJO STREET  
SALT LAKE CITY  
UTAH

September 23, 1941

Mr. J.S. Coupal  
Department of Mineral Resources  
518 Title & Trust Building  
Phoenix, Arizona

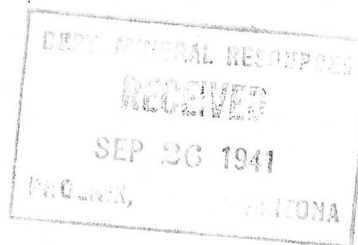
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Very truly yours,

*A. Fleischer*  
Arthur Fleischer

AF:fd



KALUNITE, INC.

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Routine Assay

Loss at 600°C.....11.22%

Available R<sub>2</sub>O<sub>3</sub>\*.....12.80

\* High Iron Content

Sample contains carbonate

September 9, 1941

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Parker, Arizona

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With best wishes, I am

Very truly yours,

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Enc.



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Yours very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW-jrf  
encl.

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JSC:LP  
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CC: Clara O. Botzum