



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 01-17-2011

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WIKIEUP CLAY

ALTERNATE NAMES:

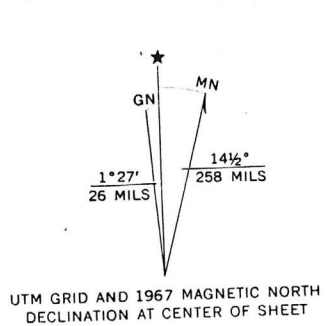
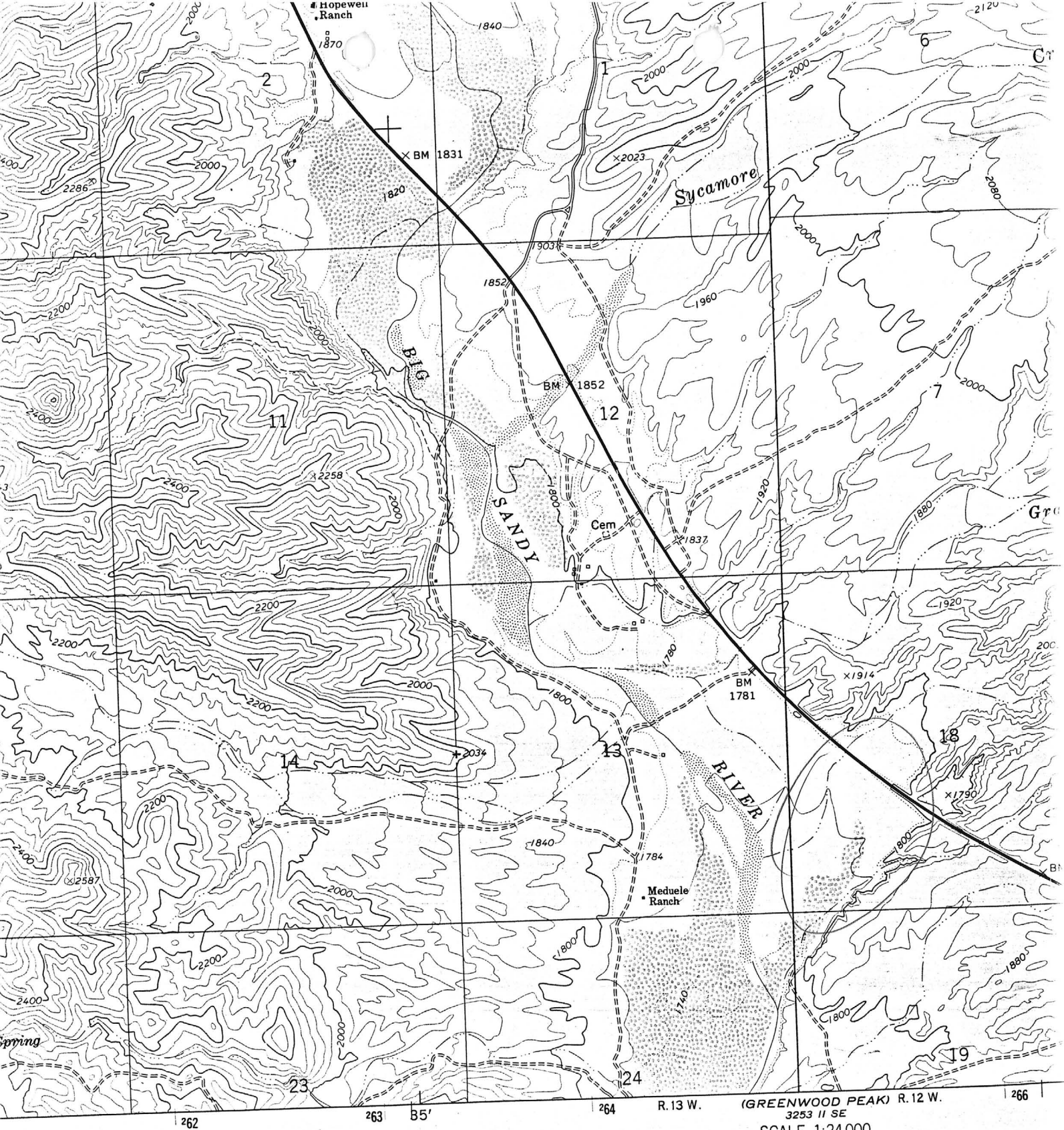
MOHAVE COUNTY MILS NUMBER: 858

LOCATION: TOWNSHIP 15 N RANGE 12 W SECTION 18 QUARTER SW
LATITUDE: N 34DEG 38MIN 14SEC LONGITUDE: W 113DEG 33MIN 31SEC
TOPO MAP NAME: WIKIEUP - 7.5 MIN

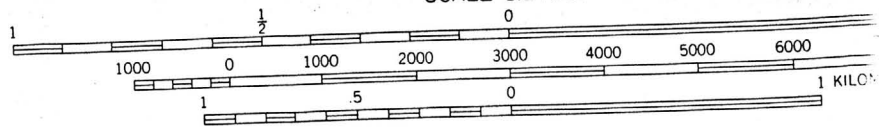
CURRENT STATUS: UNKNOWN

COMMODITY:
CLAY

BIBLIOGRAPHY:
ADMMR WIKIEUP CLAY FILE



UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 40 FEET
 DOTTED LINES REPRESENT 20-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST.

T154 R. 12W S. 18 SW

MEMO

Wikieup Clay Beds (General)

9-7-62

4 to 6 miles SE of Wikieup along Hwy. 93. *McShane* Lewis A. Smith

Visit with "Red" Williams - 9-7-62.

No owner - (LAS)

The clay beds, inspected, cover at least 2 square miles on several rolling hills which form the southeast approach to the Big Sandy River Basin. Two separate clay beds adjoin on a sharp conformable contact. The upper bed is a greenish-gray, well compacted, very fine textured type, whereas the lower bed is buff-colored and somewhat coarser than the gray type. From a hasty look, it would appear that a substantial thickness of the buff is present over the bulk of the area. The gray is less widespread and thinner, some places forming only the crests of the hills. The buff further south, along Burro Creek is at least 40 feet thick. 4 miles west of Wikieup, Giles reported 30-40 feet of the buff clay, but reported no gray. These clays are overlain. The contact between the gray and buff in highway cuts was dipping somewhat tilted (20 to 30 degrees) to the north-west. Around Wikieup and further north, later lake clays unconformably overlie patches of these clays. The later lake clays are overlain by and interfingered by more recent, fluvial deposits. At Burro Creek, these older clays are overlain by considerable thickness of late Pleistocene (?) or early Tertiary (?) basaltic flows. Here the basalt contact with the clay is exposed for several hundred yards, and is mostly horizontal. The two older clays are far more indurated, more compact, and more shattered than the later lake deposits. The grayish-green clay appears to be lithologically similar to the black-gray clays prevalent in the earlier lake deposits in Southeastern Arizona which were tentatively correlated by Meinzer & Kelton (W.S.P.-320, Sulphur Springs Valley, Cochise Co.-1913) as Upper Pliocene because of Mammalia fossils recovered from them. The later lake deposits are generally believed to have been formed in late Pleistocene to early Quaternary.

These clays should be tested although they are a long way from large population centers.

Date Printed: 10/05/93

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

Information from: **George Kellogg**

Company:

Address: P.O. Box 1204
City, State ZIP: El Mirage, Arizona 85335-1204
Phone:

MINE:

ADMMR Mine File: Wickieup Clay
County: Mohave
AzMILS Number: 858

SUMMARY

George Kellogg brought in three samples of clays from his claims which occupy, in part, land covered by the Wickieup Clay deposit file, Mohave AzMILS 858. He has provided a copy of a chemical analysis for each sample for the file. The sample are stored with the Department's bagged sample and sample splits and reference samples. (Under the basement stairs [October 5, 1993])

The three samples are as follows:

Date Taken: 02/09/93 Date Logged: 10/04/93

MINE: Wickieup Clay
COUNTY: Mohave
AzMILS 858
LOCATION: Secs. 17 & 18, T.15N.,R.12W.

Sample Number: 02/09/93-035
DESCRIPTION: Culp White, clay from George Kellogg's claims
MATERIAL: White clay, small bag, bagged with two others
COMMENTS: Al₂O₃=11.48%; CaO=9.48%; Cr₂O₃=0.01%; Fe₂O₃=2.82%;
K₂O=3.55%; MgO=2.03%; MnO=0.06%; Na₂O=1.68%;
P₂O₅=0.03%; SiO₂=53.00%; TiO₂=0.44%; LOI=15.16%;
TOTAL=99.74%; Ba=1350ppm; Nb<10ppm; Rb=138ppm;
Sr=1620ppm; Y=10ppm; Zr=160ppm.

Sample Number:02/09/93-036
DESCRIPTION: Culp Purple, clay from George Kellogg's claims
MATERIAL: Purple-grey clay, small bag, bagged with two others
COMMENTS: Al₂O₃=14.88%; CaO=0.45%; Cr₂O₃=0.02%; Fe₂O₃=2.92%;
K₂O=10.61%; MgO=0.23%; MnO=0.05%; Na₂O=1.12%;
P₂O₅=0.21%; SiO₂=70.00%; TiO₂=0.39%; LOI=1.07%;
TOTAL=101.95%; Ba=860ppm; Nb=10ppm; Rb=241ppm;
Sr=150ppm; Y=10ppm; Zr=140ppm.

Date Printed: 10/05/93

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

Sample Number:02/09/93-037

DESCRIPTION: Ski Green, clay from George Kellogg's claims

MATERIAL: Greenish clay, small bag, bagged with two others

COMMENTS: Al₂O₃=11.52%; CaO=5.26%; Cr₂O₃=0.02%; Fe₂O₃=3.00%;

K₂O=5.10%; MgO=1.72%; MnO=0.07%; Na₂O=2.14%;

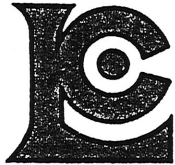
P₂O₅=0.24%; SiO₂=67.00%; TiO₂=0.49%; LOI=4.83%;

TOTAL=101.40%; Ba=530ppm; Nb=10ppm; Rb=152ppm;

Sr=530ppm; Y=30ppm; Zr=200ppm.

Ken A. Phillips, Chief Engineer

Date: October 5, 1993



Chemex Labs Inc.

Analytical Chemists * Geochemists * Registered Assayers
994 West Glendale Ave., Suite 7, Sparks,
Nevada, U.S.A. 89431
PHONE: 702-356-5395

To: KELLOGG, GEORGE **

P.O. BOX 1204
EL MIRAGE, ARIZONA
85335-1204

Page Number : 1
Total Pages : 1
Certificate Date: 09-FEB-93
Invoice No. : 19310645
P.O. Number :
Account : JRL

Project :
Comments:

CERTIFICATE OF ANALYSIS A9310645

SAMPLE	PREP CODE		Al2O3	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	TiO2	LOI	TOTAL	Ba	Nb	Rb	Sr	Y	Zr
			%	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm
#1 CULP WHITE	299	200	11.48	9.48	0.01	2.82	3.55	2.03	0.06	1.68	0.03	53.00	0.44	15.16	99.74	1350	< 10	138	1620	10	160
#2 CULP PURPLE	299	200	14.88	0.45	0.02	2.92	10.61	0.23	0.05	1.12	0.20	70.00	0.39	1.07	101.95	860	10	241	150	10	140
#3 SKI GREEN	299	200	11.52	5.26	0.02	3.00	5.10	1.72	0.07	2.14	0.24	67.00	0.49	4.83	101.40	530	10	152	530	30	200

Sec 17+18, Mohave

MP 130 101.95

MP 100 101.40

CERTIFICATION:

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Wikieup Clay Beds (General)

9-7-62

4 to 6 miles SE of Wikieup along Hwy. 93. *Mohave* Lewis A. Smith

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Company:

Address: P.O. Box 1204
City, State ZIP: El Mirage, Arizona 85335-1204
Phone:

MINE:

ADMMR Mine File: Wickieup Clay
County: **Mohave**
AzMILS Number: **858**

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COUNTY: Mohave
AzMILS 858
LOCATION: Secs. 17 & 18, T.15N.,R.12W.

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

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A9310645

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Sec 17+18, Mohave

MP 130 H4 93

NE SIDE OF ROAD

CERTIFICATION: *B. Cayli*