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07/27/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BENTONITE PLACER CLAIMS

ALTERNATE NAMES:

MOHAVE COUNTY MILS NUMBER: 538A

LOCATION: TOWNSHIP 20 N RANGE 12 W SECTION 15 QUARTER SE  
LATITUDE: N 35DEG 06MIN 40SEC LONGITUDE: W 113DEG 31MIN 56SEC  
TOPO MAP NAME: AUSTIN PEAK - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

CLAY BENTONITE  
STONE SANDSTONE DM

BIBLIOGRAPHY:

ADMMR BENTONITE PLACER CLAIMS FILE

BENTONITE PLACER CLAIMS

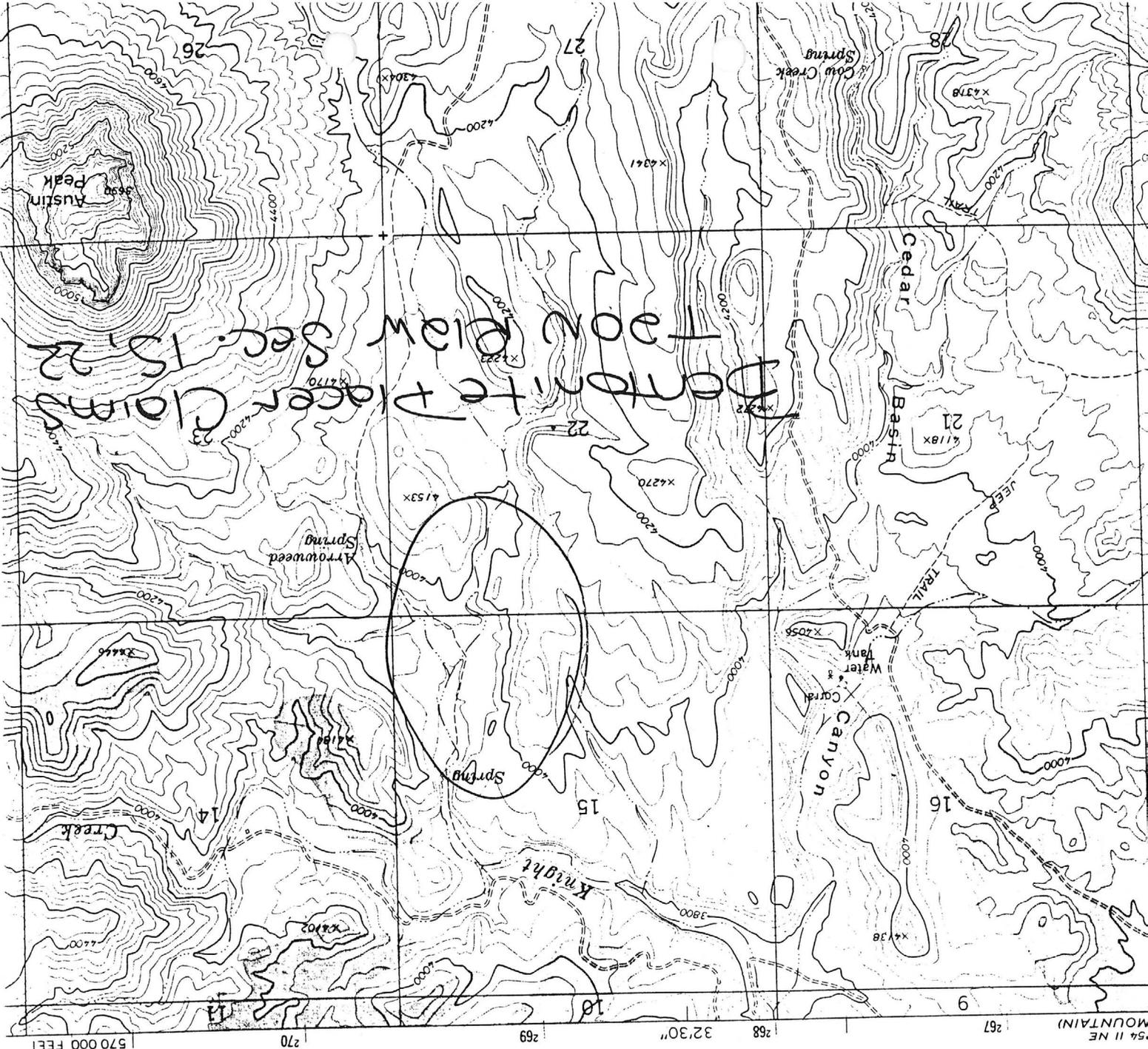
REFERENCES

MOHAVE COUNTY  
T20N R12W Sec. 15

Mohave County MILS Index #538A

Austin Peak, AZ 7.5' Topo (included in file)

AUSTIN PEAK  
ARIZONA -  
7.5 MINUTE SER.



54 11 NE  
MOUNTAIN)

570 000 FEET

270

269

32'30"

268

267

9

16

15

14

13

21

22

27

26

28

Austin Peak

Arrowweed Spring

Spring

Knight Creek

Canyon

Cedar Basin

Cow Creek Spring

Dentonite + Placer Claims

Team Blaw Sec. 15, 22

May 15, 1959

Memorandum

To: W. R. Storms  
From: LaMar G. Evans  
Subject: Microscopic Identification of Four Clay Samples

Herewith are the results of microscopic examination of four samples from Secs. 15 and 22, T. 20 N., R. 12 W., Mohave County, Arizona.

Samples Nos. 15318, 15319 and 15320 are composed of a nonswelling type of bentonite in which considerable calcite and volcanic glass occur. The impurities of calcite and volcanic glass in these samples would have deleterious effects on most uses for clay.

Sample No. 15321 is composed predominantly of volcanic glass with some bentonitic clay and quartz.

LaMar G. Evans

cc: VBDale  
533.1  
DF

*These samples are from Robinette's Bentonite Placer claims on the Bishop Ranch. Sample No. 15321 came from NE $\frac{1}{4}$  Sec. 22 and was the easternmost sample.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

Report Nos.

Dale No. 207

## REVIEW OF EXAMINATION REPORT

State Arizona County Mohave Mineral products Clay  
Name of property Bentonite placer claims (4 unpat./claims)  
Owner Dalton Robinette Address Yucca, Arizona  
Lessee or Operator No one Address \_\_\_\_\_  
Location Secs. 15 and 22, T. 20 N., R. 12 W. on west side of Aquarius Mountains.  
Examined by V. B. Dale Date March 25, 1959  
Apparent quality of examination and report Satisfactory for preliminary report.

Discussion and review: Engineer examined this deposit while in vicinity visiting tungsten deposits under Auth. 3423 - Appraisal of Tungsten Deposits in Region III.

Bentonite and other clays occur in a flat-lying deposit on mudstone, siltstone and sandstone over a very large area, probably over 2 sections. The deposit has been explored by only a few shallow opencuts. No work was being done and no equipment was on the claims when they were visited.

This clay is of an inferior grade with much calcite and volcanic glass, and probably has no commercial use at the present time.

DATE	ACTION	BY

Signed by Walter R. Storms

Reviewed by Walter R. StormsDate June 16, 1959CC: JFShaw (orig. & 3); JBClemmer 467; 463; DE GPO 83-54658

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

Dale No. 207

SUMMARY REPORT OF MINERALS EXAMINATION

State Arizona County Mohave Mineral Products Clay

Name of property or deposit Bentonite Placer claims

Date examined 3/25/59 Engineer V. B. Dale Date of this report 5/26/59

Reason for examination In vicinity of tungsten deposit, Reg. III, Auth. 3423

Engineer accompanied by Dalton Robinette Address Box 26, Yucca, Ariz.

Extent of property Four unpatented placer claims.

Owner Dalton Robinette Address Box 26, Yucca, Ariz.

Leased or optioned to No one Address \_\_\_\_\_

Location of property (be specific) Secs. 15 and 22, T. 20 N., R. 12 W. on the west side of the Aquarius Mountains.

Type of deposit and mineralogy (brief description) Bentonite and other clays overlay mudstone, siltstone, and sandstone.

Known dimensions of the deposit - The deposit extends into at least 2 sections.  
Length \_\_\_\_\_ Width \_\_\_\_\_ Depth \_\_\_\_\_

Attitude of the deposit (strike, dip, etc.) There is much faulting in evidence, but the beds are generally flat.

Possible extensions; correlation of known showings Much alluvium covers the area and the deposit may extend for several miles.

Mine workings (brief description or attach map or sketch) (indicate whether accessible) None, other than a few shallow surface cuts.

CC: JFShaw (orig. & 3); JBClemmer 467 DF  
(over)

Mining and milling equipment on property..... **None**

Past production (if any)..... **None**

Present rate of production (if any)..... **None**

Sampling (describe briefly, or attach sketch)..... **Four samples were cut from 3 faces in 2 sections. See attached sheets.**

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable..... **None**..... tons..... Grade.....

Indicated..... **None**..... tons..... Grade.....

Inferred..... **None**..... tons..... Grade.....

Mining method (actual or suggested)..... **Open-pit.**

Milling or processing method (actual or suggested).....

Processing tests suggested.....

Tentative conclusion and decision..... **According to test results the clay is of an inferior grade and of no commercial interest at present.**

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

Send original and one copy to Washington Office.