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04/20/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: QUINTONITE GROUP

ALTERNATE NAMES:

GILA COUNTY MILS NUMBER: 391

LOCATION: TOWNSHIP 8 N RANGE 10 E SECTION 20 QUARTER S2
LATITUDE: N 34DEG 01MIN 03SEC LONGITUDE: W 111DEG 21MIN 18SEC
TOPO MAP NAME: GISELA - 7.5 MIN

CURRENT STATUS: PRODUCER

COMMODITY:
CALCIUM TUFA
STONE TUFA

BIBLIOGRAPHY:
ELEVATORSKI E A AZ IND MIN 1978 P 29 ADMR PUB (HAD WRONG COMMODITY)
OPERATIONS EXTEND INTO SEC 29
ADMR QUINTONITE PROPERTY FILE

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

GILA COUNTY

QUINTONITE PROPERTY

MILS #391

Card # 1

MM K844 Tufa

Quintonite Group (file)

O-A14A

MELVIN H. JONES

Mining Geologist

Box 1, Montello, Nevada 89830

Box 406. Wickenburg,
Arizona, 85358
15 November 1972.

Sec 20
T8N R 10E
M1L5
391

RECONNAISSANCE GEOLOGICAL INVESTIGATION OF THE QUINTONITE PROPERTY
20 Miles Southwest of Payson, Arizona on Arizona highway 87.

In accordance with the instructions of Mr. Howard S. Gable, PO box 946, Kansas City, Missouri an examination was made of the so called "ash" deposit located 20 miles Southwest of Payson, Arizona. Mr. Thomas H Skidmore, PO box 1455, Payson, Arizona accompanied the writer.

This deposit is immediately East of the mentioned highway and is a brownish white outcrop that extends about a half mile in length and is about a quarter mile in width. It is in a valley surrounded by high mountains. I am told that two wells have been drilled in this deposit, the one 180 feet and the other, 120 feet and that the ore material was not penetrated.

A small mill is on the property and there is a sign "Quintonite" for passersby to see. I was told that a product was made from this "ash" that was sold as a soil fertilizer, but they had to shut down because it did not contain nitrates, phosphates, or other normal fertilizer chemicals. The man there (watchman) said they should have labeled the containers as "soil conditioners". The authorities shut them down. They also produced a product called "all away" that was excellent for cleaning grease from concrete floors, and similar uses. A copy of the label on the containers is attached.

A 20 lb sample of the finished material was obtained by the writer. I do not agree with the term "ash", which would mean that it is a volcanic ash, and this would be a tuff. A megascopic test by the writer indicates it is a tufa (Calcium Carbonate). It was also considered that the material might be a clay. This is ruled out because a substance to be a clay must have particles of a size of 1/256 mm (or smaller).

CONCLUSION

Assuming this material to be tufa, its commercial value would depend on whether a large market can be developed in the uses mentioned above. Or perhaps new uses can be found. This deposit is adjoining a paved highway and is easily mined. But tufa beds are very common thruout the West.

Melvin H. Jones
MELVIN H JONES
Mining Geologist

QUINTONITE GROUP

GILA COUNTY

NJN WR 4/24/87: Hilton Cass (card) Forest Service Zone Office, reports that Gold Dome Mining (file) has leased and set up a crushing plant at the Quintonite Property (file) Gila County.

NJN WR 4/15/88: Sent geologic and reference information to Harvey Smith (card) on the area surrounding the Quintonite Property (file) Gila County. Mr. Smith reports he feels that the material is unique and is trying to obtain a patent on the property for the owner, Quinton Hill.

QUINTONITE PROPERTY

GILA COUNTY

KAP WR 6/22/84: Quinton Hill, P O Box 769, Quartzsite, Arizona 85346 is again working his "Quintonite" deposit on his Baby Boy #1-#8 claims in Secs 20 and 29, T8N R10E (AMC #205106 -113) at the old site along State Highway 87. The material is apparently either a tufa or a caliche. Data is contained in the Quintonite Property (file) Gila County. In Gila MILS Index it is Index #391 and is listed as the Quintonite Group.

NJN WR 7/27/84: Harvey Smith (c) consulting mining engineer brought in a sample of tufa (now MM-K844) from the Quintonite Property (f) Gila County. He reported that an ATL analysis showed it to be 92% CaCO_3 . Mr. Hill owner of the property has a contract to supply over 5,000 lbs of crushed and bagged "Quintonite" to a Tempe firm for use as floor sweep. Mr. Smith is completing an operating plan for submittal to the forest service.

NJN WR 8/17/84: Discussed absorbent material with Hilton Cass, Forest Service Zone Geologist. The material from the Quintonite Property (f) Gila County can absorb moisture 50% by weight. His recommendation will be to approve the submitted MPO.

RRB WR 1/18/85: Visited the Quintonite Property (file) in Sec 20, T8N R10E, Gila County. No one was on the property but the process appears simple. The material is mined from an open cut with a front end loader and trammed to the plant. There it is crushed in a roll crusher, screened in a trommel and bagged. The product is called "Oil Away" a product of Aracal Mining and Research Inc., Apache Junction, Az. 85220. Besides the plant equipment there was an AC HD-11 tractor, a Gardner-Denver Ore Processor, a cab-over camper for a pickup and miscellaneous screens, bins, etc.

NJN WR 9/20/85: Hilton Cass, Forest Service Zone Geologist, reported that Gold Dome Mining (f) was taking over the Quintonite (f) deposit, Gila Co. operation from and would pay a royalty to Quinton Hill (c). Their plans are to market the tuffa as a floor sweep/oil absorbent. Although the Forest Service has approved Gold Domes plan of operation the Arizona Department of Transportation is planning to require the installation of acceleration and deceleration lanes on SR 87 before allowing them to start truck hauling operations.

USES

Cleans oil and grease from driveways,
service station aprons, water fountain
areas, toilet fixtures, etc.

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QUINTONITE, INC.

P. O. Box 21628, Phoenix, Arizona

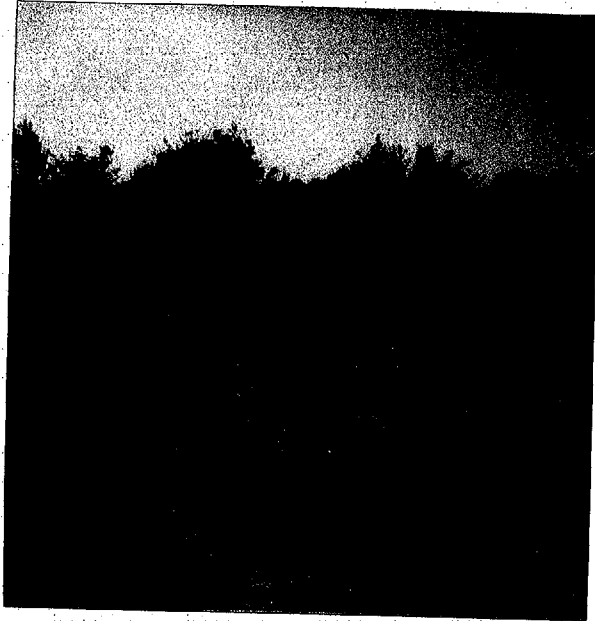
ALL AWAY

Cleaner - Degreaser

Put it On and Sweep It Away

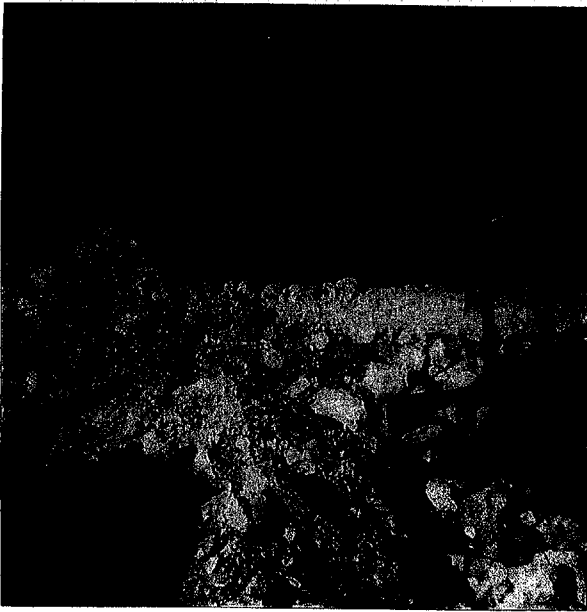
ALL AWAY

NET WEIGHT 3½ LBS.



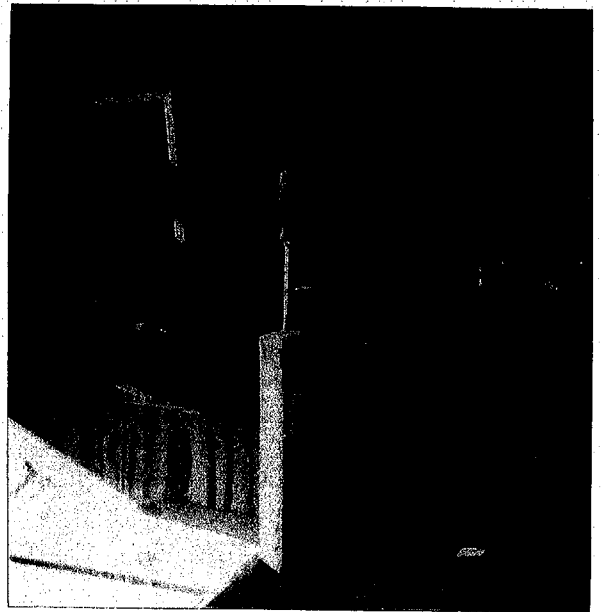
Quintanilla Quarry

1/16/85



Quintanilla Creek

1/16/85



Quintanilla Foundation

1/16/85



"QUINTONITE" tufa bed. ARIZ.

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85036

CAUTION • May be harmful if taken internally