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10/05/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: TUFF AMERICAN

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 670A

LOCATION: TOWNSHIP 8 N RANGE 2 E SECTION 32 QUARTER SE
LATITUDE: N 33DEG 59MIN 21SEC LONGITUDE: W 112DEG 10MIN 19SEC
TOPO MAP NAME: NEW RIVER - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

ABRASIVE PUMICE
GEMSTONE JASPER
PUMICE UNWELDED TUF

BIBLIOGRAPHY:

Tuff American file
~~ADMMR AMERICAN TUFF MINE FILE~~

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

Arizona

MM-6169 Jasper

Yavapai County

Black Canyon City
Tuff American Mine

MILS # 670 A

0-AKA's

Tuff American Inc. (elb)

TUFF AMERICAN, INC.

MARICOPA COUNTY

KAP WR 11/20/81: Bob Holthous reported that he and his father "Rock" are in the process of installing a dry separation plant for precious metals at the Tufa Mining Company Property.

TUFF AMERICAN, INC.

The Tuff America experimental processing plant was visited. The plant was shut down gates locked and no one around. It appears that the tuffaceous material mined a few miles south of the mill is hauled by truck to the mill, dumped, conveyed to the top of the mill, gravity fed to screens where three sizes of material are separated, (oversize, crushed and resized) and fed to hoppers which feed bagging equipment. The sized material is bagged in 50 lb. paper bags ready for market. Adjacent to the mill is a combination maintenance shop, warehouse and office building. Directions for use of the finished product are contained on the bags. The company lists uses as an oil spill absorber for garages, machine shops, etc.; gritty material to reduce slippage on ice and as a garden mulch. The home office of the company is Tuff American Inc., 1484 Major Street, Salt Lake City, Utah, 84115. KAP WR 2/26/74

~~801-466-3981~~

This property also has striped jasper which can be found on it. Information by Art Bloyd. 1/13/78 a.p.

Ralph Wall of Tuff American, 3782 S. 4000 W., Salt Lake City, Utah 84120, Phone: (801) 966-1792, reported the firm is still operating their mine and plant on Table Mesa Road. He reported the mine and plant are continuing to produce oil adsorbent and kitty litter. Mr. Peterson is in charge at the mine and mill.

KP/WR 11/15/79 - Jerry Blank, Pres. & Gen. Manager of Tufa Mining Corp. reported his firm is leasing land, mining rights, and processing plant from Tuff American. They are producing kitty litter and oil sweep and plan full production of nine (9) tons per hour by approximately December 1st. Mr. Robert Peterson lives at the plant, west of the Table Mesa off-ramp of I-17 and has a telephone at the plant under his name. Bernard Abrahams is Vice-Pres. of the Corp., in charge of marketing and sales.

KAP WR 1/9/81: Duane Grey reported that he has been involved in establishing a cyanide heap leaching operation at the Tufa Mining Company property (same as the old Tuff American property), New River District, Maricopa County. The pad capacity is 4,000 tons of ore and is a pilot operation, using cyanide leaching and carbon recovery. The ore is being mined from a mineralization zone just west of existing tuff crushing and bagging plant.

Jim Strauss, President, Car-Check Inc., 21st Avenue and Williams Drive, Phoenix, 85027, mine address 5502 W. Table Mesa Road, New River, AZ, says they are erecting a refinery for precious metals at 21st avenue address. They have taken over Tuff-American Mines. They have drilled 17 holes with more planned for the future. Have a mill set up at the mine. It will use an air separation to concentrate the precious metal. Equipment being designed by Mr. Strauss who once worked for Glidden Co. There he worked with air separation of Titanium.

Tuff American

801-466-3981

Mr. Hugh Wagon

1484 Major St.

S.F. Co.

84115

3-73

Copyrighted

These people have located Jasper (near New River) and Tuff deposits which they state are in the process of being patented.

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

March 5, 1973

February 28, 1973
Ken A. Phillips

Telephone conversation, February 28, 1973, with Linda Kipp, Bureau of Land Management, regarding application for patent by Tuff American, Inc.

Mrs. Kipp reports that the patent application appears to be for the following land:

SE $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 32, T8N, R2E
SW $\frac{1}{4}$, SE $\frac{1}{4}$, " " "
NW $\frac{1}{4}$, NE $\frac{1}{4}$, Sec. 5, T7N, R2E
S $\frac{1}{2}$, NE $\frac{1}{4}$, " " "
E $\frac{1}{2}$, NW $\frac{1}{4}$, or perhaps all of the NW $\frac{1}{4}$
Sec. 5, T7N, R2E
SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 4, T7N, R2E
NW $\frac{1}{4}$, SW $\frac{1}{4}$, " " "
and perhaps N $\frac{1}{4}$, SE $\frac{1}{4}$, " " "
N $\frac{1}{4}$, Sec. 8, T7N, R2E

The ambiguity in Sections 4 & 5 results because the land defined in the application does not correspond to lands described on maps filed with the application.

Mrs. Kipp explained that the application is based on a tuff deposit which the company is mining from placer claims. There may also be three lode claims involved (not clear on patent application). Mrs. Kipp reported that the company has submitted sale receipts for tuff they have sold.

Mr. Hal Susie reported on an impressive demonstration shown him by the company: A 500ml beaker was filled to within one inch of the top with water. A layer of crude oil was placed on top of the water and then a teaspoon of the unwelded tuff from the companies deposit (tuff ground to 20 mesh) was shaken over the surface of the oil layer. The oil was quickly adsorbed by the tuff and sank to the bottom of the beaker leaving the water clear. Stirring the water would not cause the oil to separate from the tuff.

Some rock collectors have complained that the company has staked claims on some type of jasper-gem-like material for the purpose of charging rock collectors. However, Mr. Walt Peck, president of the Arizona Association of Earth Science Clubs, has obtained permission from the Salt Lake City office of the company to take some rockhound clubs to the property to collect the lapidary material.

correction for patent reported 5/24/73

COPY

October 27, 1971

**ARTICLES OF INCORPORATION OF
TUFF AMERICAN, INC.**

We, the undersigned natural persons of the age of twenty-one years or more, acting as incorporators of a corporation under the Utah Business Corporation Act, adopt the following Articles of Incorporation for such corporation.

Article I. The name of the corporation is Tuff American, Inc.

Article II. The corporation shall have perpetual existence.

Article III. The purposes for which the corporation is organized are to engage in the business of mining, and all other businesses related thereto.

Article IV. The aggregate number of shares which the corporation shall have authority to issue is Five Million (5,000,000) shares of common stock having no par value.

Article V. Each share of common stock of the corporation shall be entitled to one (1) vote.

Article VI. The shares of capital stock of this corporation may be issued by this corporation from time to time for such consideration as from time to time may be fixed by the Board of Directors of this corporation; and all issued shares of the capital stock of this corporation shall be deemed fully paid and non-assessable and the holder of such shares shall not be liable thereunder to this corporation or its creditors. No stockholder of this corporation shall have any preemptive or preferred right of subscription to any shares of any stock of this corporation, nor any right of subscription to any thereof other than such, if any, as the Board of Directors from time to time may fix, pursuant to the authority hereby conferred by the Certificate of Incorporation of this corporation, and the Board of Directors may issue stock of this corporation without offering such issue of stock, either in whole or in part to the stockholders of this corporation. The shall be waiver of any such preemptive or preferential right which in the absence of this provision might otherwise be asserted by stockholders of this corporation or any of them.

Article VII. The corporation will not commence business until consideration of the value of at least One Thousand Dollars (\$1,000.00) has been received for issuance of shares.

Article VIII. The Post Office address of its initial registered office is 1484 Major Street, Salt Lake City, Utah, and the name of its initial registered agent at such address is Hugh Gagon.

Article IX. The number of directors constituting the initial Board of Directors of the corporation is five (5), and the names and addresses of the persons who are to serve as directors until the first annual meeting of shareholders, or until their successors are elected and shall qualify are: Gary O. Spencer, 3716 Market Street, Granger, Utah 84119; George Z. Aposhian, Jr., 1444 East 33rd So., Salt Lake City, Utah 84119; William C. Blodgett, 974 Crandall Ave., Salt Lake City, Utah 84106; Hugh W. Gagon, 3350 W. Florlita Ave., Salt Lake City, Utah 84119; Ralph Wall, 4019 South 3275 West, Hunter, Utah 84120.

Article X. The name and address of each incorporator is: Gary O. Spencer, 3716 Market Street, Granger, Utah 84119; George Z. Aposhian, Jr., 1444 East 33rd So., Salt Lake City, Utah 84106; Hugh W. Gagon, 3350 W. Florlita Ave., Salt Lake City, Utah 84119; Ralph Wall, 4019 South 3275 West, Hunter, Utah; William C. Blodgett, 974 Crandall Ave., Salt Lake City, Utah 84106; Edgar H. Gagon, 4411 Pan American Drive, Salt Lake City, Utah 84107; David C. Jenkins, 4331 West 5335 South, Salt Lake City, Utah 84118.

Dated this 23 day of March, 1971.

Gary O. Spencer, George Z. Aposhian, Jr., Hugh W. Gagon, Ralph Wall, William C. Blodgett, Edgar H. Gagon, David C. Jenkins.

State of Utah, County of Salt Lake, ss: I, Macey A. McMurray, a Notary Public, hereby certify that on the 23rd day of March, 1971, personally appeared before me Gary O. Spencer, George Z. Aposhian, Jr., Hugh W. Gagon, Ralph Wall, William C. Blodgett, Edgar H. Gagon and David C. Jenkins, who being by me first duly sworn, severally declared that they were seven of the persons who signed the foregoing instruments as incorporators, and that the statements therein contained are true.

We, Witness Whereof, I have hereunto set my hand and seal this 23rd day of March, 1971.