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09/30/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: FAVOUR PIPESTONE DEPOSIT

ALTERNATE NAMES:

DEL RIO CATLINITE

YAVAPAI COUNTY MILS NUMBER: 1346

LOCATION: TOWNSHIP 16 N RANGE 1 W SECTION 5 QUARTER NE
LATITUDE: N 34DEG 48MIN 03SEC LONGITUDE: W 112DEG 22MIN 51SEC
TOPO MAP NAME: CHINO VALLEY NORTH - 7.5 MIN

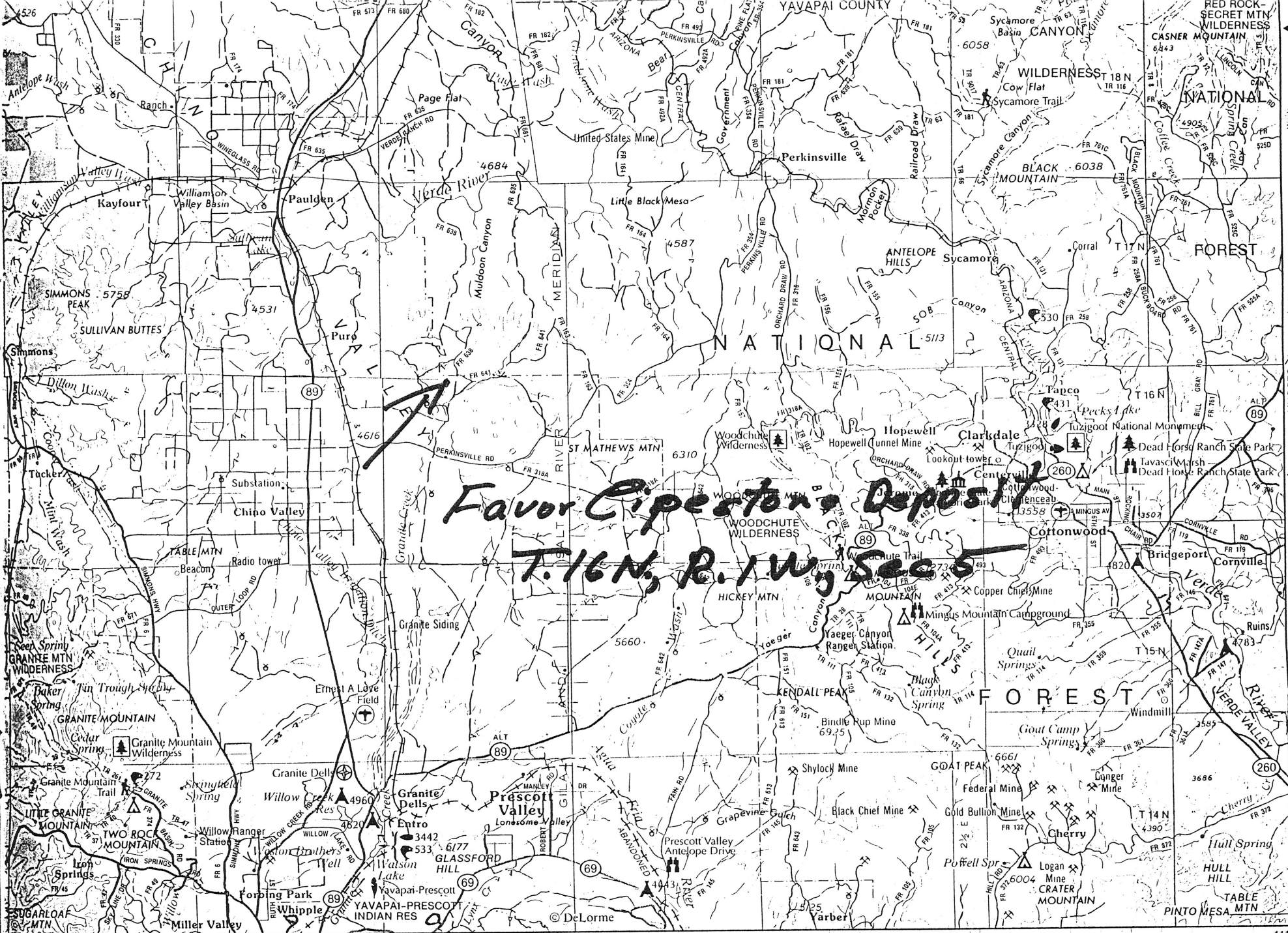
CURRENT STATUS: PAST PRODUCER

COMMODITY:

CLAY	CATLINITE
STONE	ARGILITE
STONE	PIPESTONE

BIBLIOGRAPHY:

ADMMR FAVOUR PIPESTONE DEPOSIT FILE
KRIEGER, MEDORA H., 1965, GEOLOGY OF THE
PRESCOTT AND PAULDEN QUADRANGLES, ARIZONA,
US GEOL SUR PROF PAPER 467, P 25
ARIZONA MINERAL MUSEUM SPECIMEN MM-2897



C

SEDONA

PAYSON

34°33'N
111°54'45"W

Scale 1:250,000
1 inch represents 4 miles

Contour interval
200 feet (61 meters)

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Date Printed: 09/30/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION SUMMARY

Information from: Lance Hernett

Company:

Address:

City, State ZIP:

Phone: 602-230-8363

MINE: Favour Pipestone Deposit

ADMMR Mine File: Favour Pipestone Deposit

County: Yavapai

AzMILS Number: 1346

SUMMARY

Lance Hernett brought in samples of catlinite from the Favour Pipestone occurrence in the Chino Valley area. Along with the samples were 5 pages of copies from spiritual writings about pipestone. Additionally he provided a map of how he reached the deposit.

Ken A. Phillips, Chief Engineer Date: September 30, 1997

FAVOUR PIPESTONE DEPOSIT

YAVAPAI

In company with Charles Favour, went to his brother's pipestone deposit about 10 miles by road NE of Chino Valley. Here there are two old surface excavations on a plus 2 foot thick deposit of metamorphosed, red siltstone. At both excavations, which are about a $\frac{1}{2}$ mile apart, the bottom of the deposit isn't visible due to sloughing of the pit walls. The north pit, about 75' long, 8' wide, and 4' deep, contains a showing of stone for about 20 feet along the west side. The deposit trends N28°E and dips under red quartzsite at about 22° to the west. According to Mr. Favour, this stone isn't as desirable for carving as that from the south pit. There has apparently been no digging at this pit for a long time. The south pit trends N5-7°E for about 30 feet. Here the deposit is about 2½ feet thick dipping westerly 32° under red quartzsite. Here too, debris has washed into the pit to such an extent that the bottom of the stone horizon is covered except for about 5 feet along the strike in the south end of the pit. Mr. Favour pointed out the best carving stone as that of an apparently lenticular strata 2"-3" thick. This stone is much finer grained than the surrounding material and is a deep maroon color. A search for a section corner was unsuccessful but some 1000 feet SW of the south pit, in a sizeable pile of rock a can containing a copy of an application for a mineral lease on State land was found. It stated that that monument was the SW corner of the 20 acres applied for on January 1, 1971, and that the land was the E/2 SW/4 NE/4 Sec. 5, T16N R1W. Further search revealed several other monuments but no more papers. Because Mr. Doss of the State Land Department said that the application was for 10 acres, a Brunton and tape survey was made from the NE corner monument containing 10 acres and the south excavation as the young Mr. Favour said they would not be interested in stone from the north pit for some time. GW WR 6/16/72

NJN WR 8/20/82: Mr. Robertson visited. He had previously donated a catlinite (pipestone) clay specimen MM-2897. Now he provided a legal description for the occurrence, T16N R1W Sec 5 S½C.

NJN WR 4/19/85: Bob Poley (c) 2020 Rockford Dr., Prescott, Az. 86301 visited and reported he has state leases in Chino Valley on the Favour Pipestone Deposit (f) Yavapai County. Intermittant production of small lots occurs with much of it sold to midwestern mineral dealers who sell it instead of the more expensive Minnesota catlinite.



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



June 20, 1972

To: John H. Jett, Director
From: Glen Walker, Field Engineer
Subject: Report on Pipestone deposit near Chino Valley

On June 16, 1972, in company of Charles Favour, we visited two excavations on pipestone. These deposits are about 10 miles by road NE of Chino Valley, Yavapai County (see map).

The pits are about 1/2 mile apart in a N-S line. The north pit is about 75 feet long and 4 feet deep, trending N28°E. There is about 20 feet of pipestone along the west side dipping 22° west under red quartzite. The apparent thickness is about 2 1/2 feet, however, the bottom of the formation is not visible due to sloughing of the pit walls. Approximately 20 feet east of the pit a pinkish-grey quartzite crops out which underlies the pipestone strata. The young Mr. Favour, brother of the lease applicant, said that the stone from this pit was less desirable for carving than that from the southern excavation.

The south pit extends N50-70°E for about 30 feet. It too is 4 feet deep and perhaps 8 feet wide. The pipestone here is 2 1/2 feet thick and is exposed on the south and west sides of the pit for 5 to 6 feet. This stone is somewhat finer grained than that in the north pit and contains 2" to 3" lenses and blobs of very fine grained material which according to Mr. Favour is most desirable. The formation dips 32° west under red quartzite and is underlain by grey quartzite.

It appears that this so-called pipestone is metamorphosed siltstone or mudstone. It is red and deep maroon where extremely fine grained. Mr. Favour said that images and pipes could be readily cut from it and demonstrated with a pocket knife. However, the coarser grained material, such as in the north pit, tends to flake when carved.

A search for a section corner was unsuccessful but some 1000 feet southwest of the south pit in a sizeable pile of rocks, a can containing a copy of an application for a mineral lease on State land was found. It stated that that monument was the S W corner of the 20 acres applied for on January 1, 1971 by Jock Favour and that the land was the E/2 SW/4 NE/4 Sec. 5, T16N, R1W. Further search revealed several other monuments but no more papers. A Brunton and tape survey was made tying in the monuments considered pertinent (see sketch). When told that the application in the State Land Office stipulated the land to be 10 acres in the SE/4 SW/4 NE/4 Sec 32, T17N, R1W Mr. Favour stated they would not be interested in the stone in that location so long as the supply continued in the south pit.

gwalker