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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MIDDLE VERDE SAND & GRAVEL

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 1367

LOCATION: TOWNSHIP 14 N RANGE 4 E SECTION 11 QUARTER SW
LATITUDE: N 34DEG 36MIN 55SEC LONGITUDE: W 111DEG 53MIN 54SEC
TOPO MAP NAME: MIDDLE VERDE - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
SAND & GRAVEL

BIBLIOGRAPHY:
ADMMR MIDDLE VERDE SAND & GRAVEL FILE

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ARIZONA DEPARTMENT OF MINERAL PRODUCTS
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Mr. James R. Crowther and prospect visit
Address: Bureau of Indian Affairs, Phoenix, AZ; telephone 241-2275
2. Mine: Middle Verde (Yavapai County) 3. No. of Claims - Patented _____
Unpatented _____
4. Location: Verde River area west & south of village of Middle Verde [Middle Verde
7.5' Quad.]
5. Sec. SW $\frac{1}{4}$ 11 Tp. 14 N Range 4E 6. Mining District _____
7. Owner: Yavapai-Apache Indian Tribe
8. Address: _____
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Sand & Gravel 14. No. Employed: _____
15. Mill, Type & Capacity: _____
16. Present Operations: (a) Down (b) Assessment work (c) Exploration
(d) Production (e) Rate _____ tpd.
17. New Work Planned: Evaluate samples (MV-1 through MV-4) and perhaps map floodplain
geology.
18. Misc. Notes: Superior Companies and The Tanner Companies have made proposals
to the Yavapai-Apache Indian Tribe to mine and process the sand and gravel
deposit associated with the Verde River where it passes through the Camp Verde
Indian Reservation. I assisted Jim Crowther of the BIA in a preliminary
investigation of the deposit and an initial sampling program. Superior
Companies reportedly operates a sand and gravel mine in the Verde River drainage
approximately five miles upstream of this site.
Four samples were collected by compositing material dug by backhoe in the
Verde River floodplain. Location of these samples is shown on the attached
map. Bearings and distance from a reference point are given on another
(con't)

Date: November 18, 1986

(Signature)

Michael N. Greeley

(Field Engineer)

(con't)

attached sheet. The 40 to 50 pound samples are to be tested under the direction of the BIA.

In general, the deposit appears to be comprised of a large variety of rock types. Chief among these however appears to be granitic rocks and basic igneous materials such as diabase and basalt. Moderate amounts of sandstone and quartzite occur. Latite, scoria, and similar volcanic rocks are rare. Micaceous rocks were not observed. Rocks six to eight inches across, and larger, appear to be 10% or less by volume. No really large boulders were observed. Pebbles, generally one to three inches in diameter, comprised 20 to 30% by volume. The balance of the material is usually coarse sand although there is an occasional silt lense.

Although layering does occur, the general character of the deposit appears to be uniformly mixed with the various size particles. All sand and gravel is sub-rounded to rounded. In general, the particles have smooth surfaces and are not coated with secondary minerals.

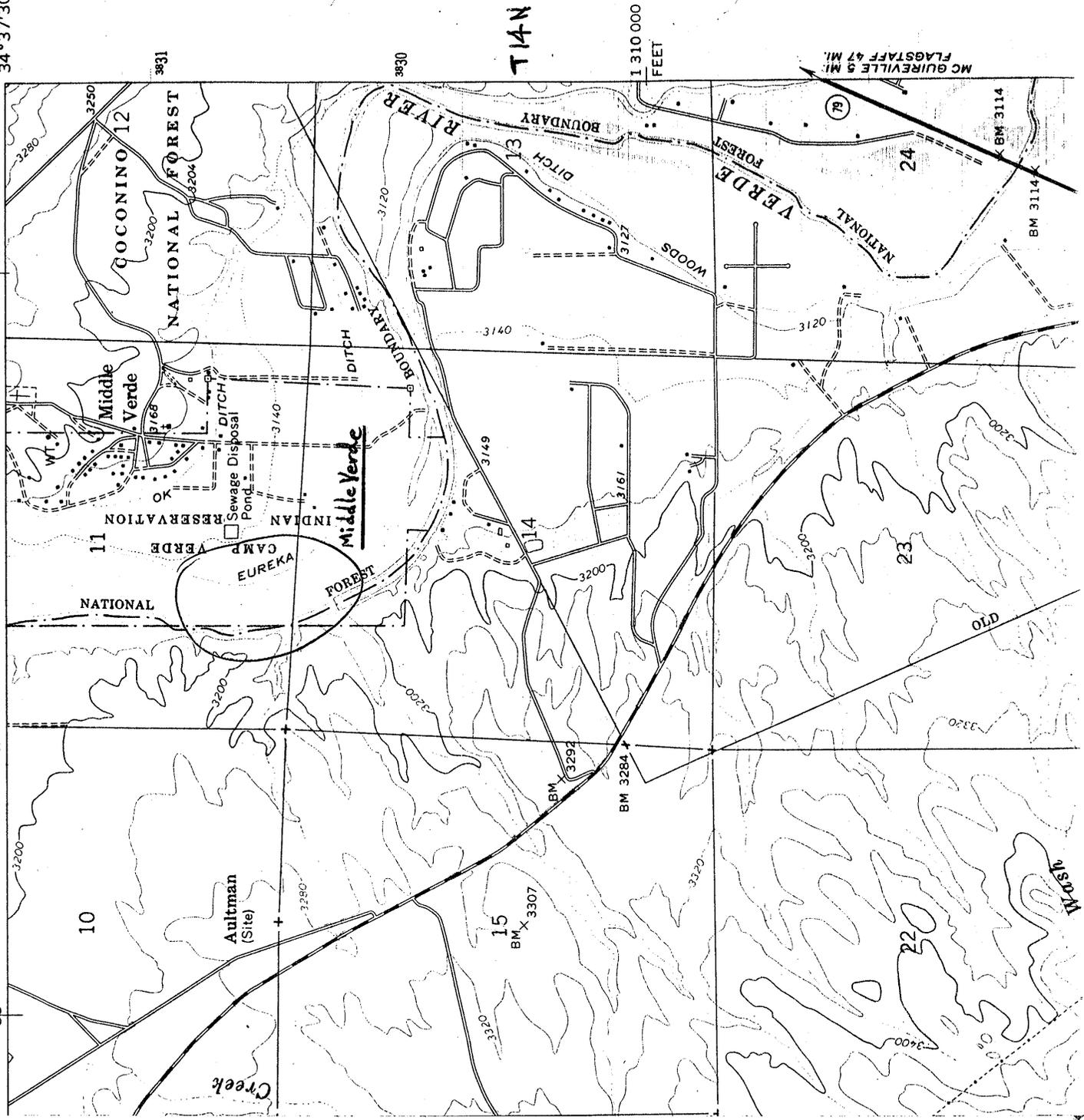
Samples 1, 3, & 4 were collected from coarse floodplain material. Sample 2 was collected from a bench of silt containing some clay and some coarse sand.

MIDDLE VERDE QUADRANGLE
ARIZONA - YAVAPAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

3653
LAKE MONTE

R4E

56' 417 418 419 510 000 FEET 111° 52' 30" 34° 37' 30"



TIAN

1 310 000
FEET

MC GUIREVILLE 5 MI.
FLAGSTAFF 47 MI.

W.S.D.M.

Middle Verde Sand & Gravel Appraisal
Yavapai-Apache Reservation

Sample Locations of November 18, 1986:

Reference Point:

Intersection of East-West fence, on north side of
sewage pond, with middle of Eureka Irrigation Ditch.

Sample MV-1:

400 feet, N 85° W from reference point

Sample MV-2:

235 feet, N 82° W from reference point

Sample MV-3

300 feet, N 7° W from Sample MV-1

Sample MV-4

870 feet, S 4° W from Sample MV-1