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09/17/85

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: HORSESHOE DAM CLAY

ALTERNATE NAMES:

VERDE VISTA GROUP

MARICOPA COUNTY MILS NUMBER: 767

LOCATION: TOWNSHIP 7 N RANGE 6 E SECTION 14 QTR. N2

LATITUDE: LONGITUDE:

TOPO MAP NAME: HORSESHOE DAM - 7.5 MIN

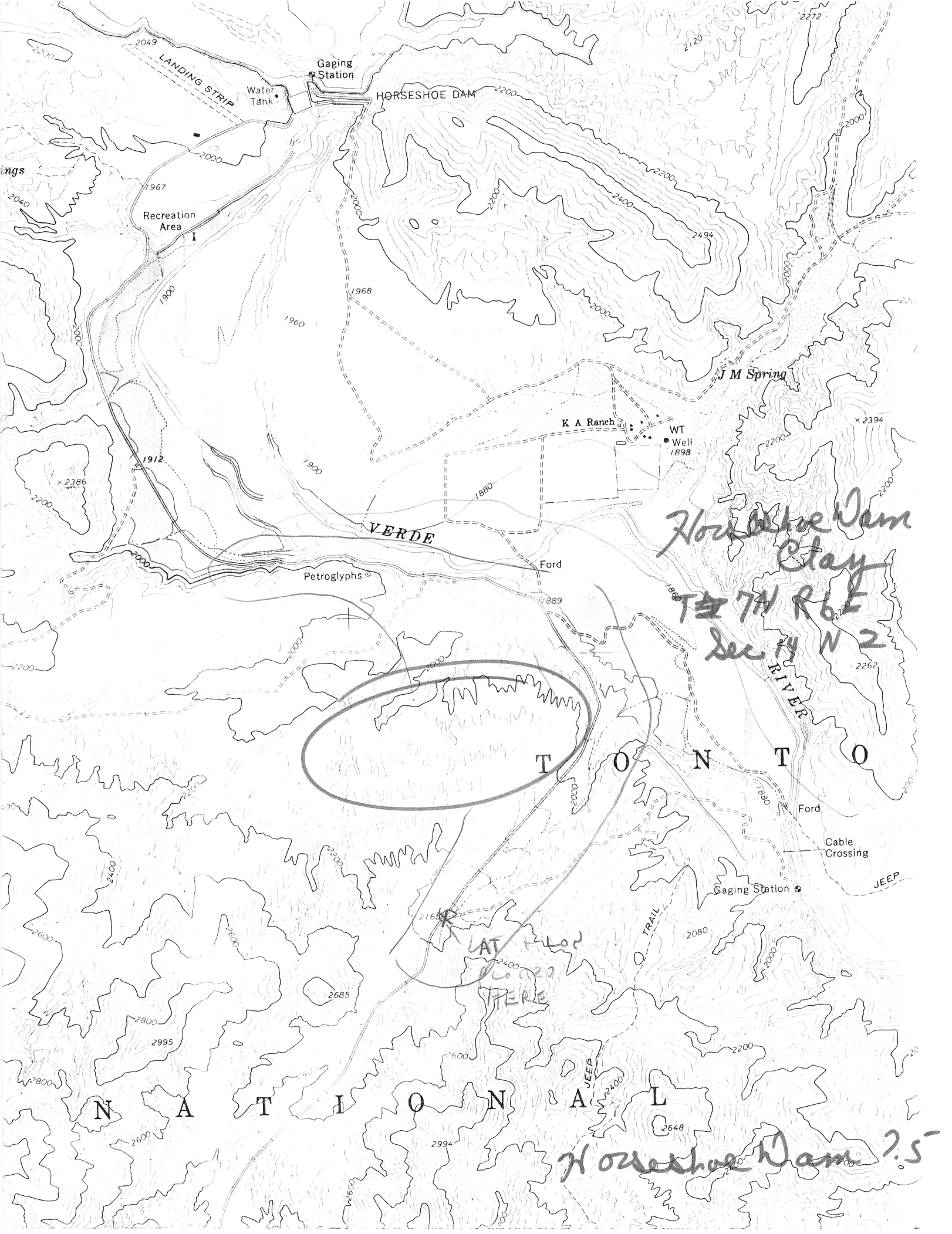
CURRENT STATUS: RAW PROSPECT

COMMODITY:

CLAY

BIBLIOGRAPHY:

ADMMR HORSESHOE DAM CLAY FILE



HORSESHOE DAM CLAY

MARICOPA COUNTY

NJN WR 5/17/85: Bob O'Haire, state mineralogist reported on the clay samples I submitted on behalf of Brian Falkner. The samples were taken near the river below Horseshoe Dam, T7N R6E Sec 14 N2, Maricopa County. The material which appears to be a natural for facial clay is a low swelling bentonite, mostly montmorillonite, but also contains some chromium chlorite and minor amounts of potassium.

Mr. Hollis "Whiskers" Richards wants someone to examine his clay deposit near Horseshoe Dam. Says its a large (600'x2600'x500') brick or tile clay deposit.
FTJ WR 1/30/70

Went to the Horseshoe Dam vicinity and got some grab samples of the so called clay. It appears to be weathered tuff in which the alteration has not extended to the clay stage. The deposit crops out for close to 2 miles and in a generally E-W direction and dips 10° - 50° to the south, the dip increases to the west as the deposit approaches the mountains. In places there are hard layers from a few inches to a few feet in thickness. Near the east end of the outcrop the lower portion becomes quite massive forming a cliff 15 to 20 feet high. In only a very few places noted were there clay-like material and it is only 4"-6" thick. Took 4 samples of clayey material to Walt Statler for analysis for Al_2O_3 and SiO_2 . The samples were all grabs from the Charbonneau, Cibola, Horseshoe and Franconia deposits. GW WR 1/23/75



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

January 28, 1975

To: John H. Jett, Director

From: Weekly Report, week ending January 24, 1975

Subject: Glen Walker, Field Engineer

Monday, Jan. 20 - In the office reading the mail and writing reports. Ivan Knopf, Scottsdale promoter, came in to discuss placer mining. A man called to learn what types of ore were originally produced in the Cave Creek district. A Mr. Boyer, Mesa, called to learn where he could read literature on the uranium deposits of Arizona. He was informed of our library as well as the one at ASU. Mr. Banniger, owner of the Indian Head ranch near Yava, called to visit briefly. Wrote all the graduate students (4) who have indicated a desire to work on the MAS projects regarding submitting bids.

Tuesday, Jan. 21 - In the office reading the mail. Tom Rallo, New Jersey Public Service, phoned saying his company had been approached to mine their uranium; he, therefore, wanted the cost of mining. A letter was written explaining that mining costs depend upon so many variables, all of them unknown in his case, that any estimate would actually be a "guesstimate". However, some figures were given. A woman called to inquire about the discovery work on a newly located claim. It was explained that they had 120 days in which to erect the corner posts and make the excavation. A Mr. Manigold, Phoenix, came in to discuss the status of some land on which an acquaintance is reported to have discovered turquoise. It seems the acquaintance has offered Manigold and a third party a 2/3 interest in the turquoise if they will mine and sell it, but Mr. Manigold is not clear as to status of the ground. It was suggested he learn the sections, townships and range then go to the BLM to learn whether or not the mineral right was held by the Federal government if so he would stake a claim on it if not he would have to negotiate with his acquaintance. A Mr. Thomas, Wickenburg, came in to get the location of the Big Kimble mine. On the topographic sheet of the area NW of Alamo Dam the location of the mine is shown.

Wednesday, Jan. 22 - In the office reading the mail and mine reports. ✓ Bernie Lumbert called to say he wants to sell both the Maricopa and the Phoenix gold properties north of Cave Creek. Wrote Carl Appelin, Grand Junction AEC and requested presents costs of mining uranium ore by various methods.

Thursday, Jan. 23 - Went to the Horseshoe Dam vicinity and got some grab samples of the so called clay. It appears to be weathered tuff in which the alteration has not extended to the clay stage. The deposit crops out for close to 2 miles and in a generally E-W direction and dips 10°-50° to the south, the dip increases to the west as the deposit approaches the mountains. In places there are hard layers from a few inches to a few feet in thickness. Near the east end of the outcrop the lower portion becomes quite massive forming a cliff 15 to 20 feet high. In only a very few places noted were there clay-like material and it is only 4"-6" thick. Took 4 samples of clayey material to Walt Statler for analysis for Al_2O_3 and SiO_2 . The samples were all grabs from the Charbonneau, Cibola, Horseshoe and Franconia deposits. Mr Statler charges \$12.00 per sample. He volunteered the information that the B & B Mining Co. (Noranda) is presently

IRON KING ASSAY OFFICE

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HUMBOLDT, ARIZONA 86329

ASSAY

Dept. of Mineral Resources

Mineral Building, Fairgrounds

Phoenix, Ariz. 85007

DESCRIPTION

1000

Cibola

Franconia

Charbonneau

Feb 14 1975

A1203

% Fe

% Pb

22.42

11.38

74.99

77.22

% Cu

% Zn

Fe

○

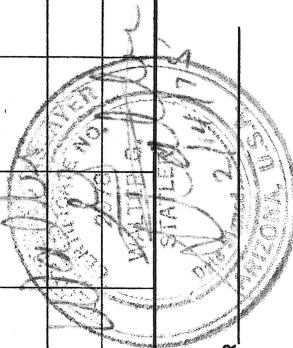
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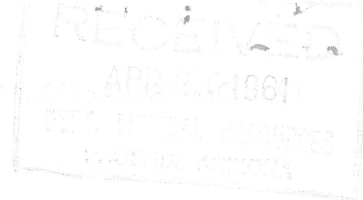
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CHARGES

ASSAYER



DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT



Date 4-25-61

Manly Co.

1. Mine: Verde Vista Group
2. Location: Sec. 8 mi W of Horseshoe Dam + on W 1/4 mi 1 mi N + S 5-160A
Twp. 7N Range 6E Nearest Town Distance
Direction Nearest R.R. Distance
Road Conditions Good - gravel up Camp R.
3. Mining District and County:
4. Former Name of Mine: Original? Morning Vista
5. Owner: Hollis W. Richards, Jr. et al.
Address: 414 N 39th Ave, Phoenix AP 8-7603
6. Operator: Not operating
Address:
7. Principal Minerals: Clay & volcanic ash
8. Number of Claims: Lode Patented Unpatented
Placer 5-160A Patented Unpatented
9. Type of Surrounding Terrain:
10. Geology and Mineralization: White clay - fine. Sewer pipe clay and white stuff
containing magnetite? Also varicolored chert for building stone
The clay has "scallop" capping around 10 ft thick, less in places.
11. Dimension and Value of Ore Body:

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective leasors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight": *Large quantity*

Ore Probable:

13. Mine Workings—Amount and Condition: *None*

No.	Feet	Condition
Shafts		
Raizes		
Tunnels		
Crosscuts		
Stopes		

14. Water Supply: *Spring on the claims*

15. Brief History:

16. Remarks: *Tested only by Mr. Richards for vitrifying characteristics and found good
White clay good for lubricating telephone wires for pulling through conduit.*

17. If Property for Sale, List Approximate Price and Terms: *For sale*

18. Signature: *Walter D. Richards*