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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SIL MURK RED SANDSTONE

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 795

LOCATION: TOWNSHIP 4 S RANGE 4 W SECTION 19 QUARTER SW
LATITUDE: N 33DEG 03MIN 46SEC LONGITUDE: W 112DEG 42MIN 57SEC
TOPO MAP NAME: COTTON CENTER - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

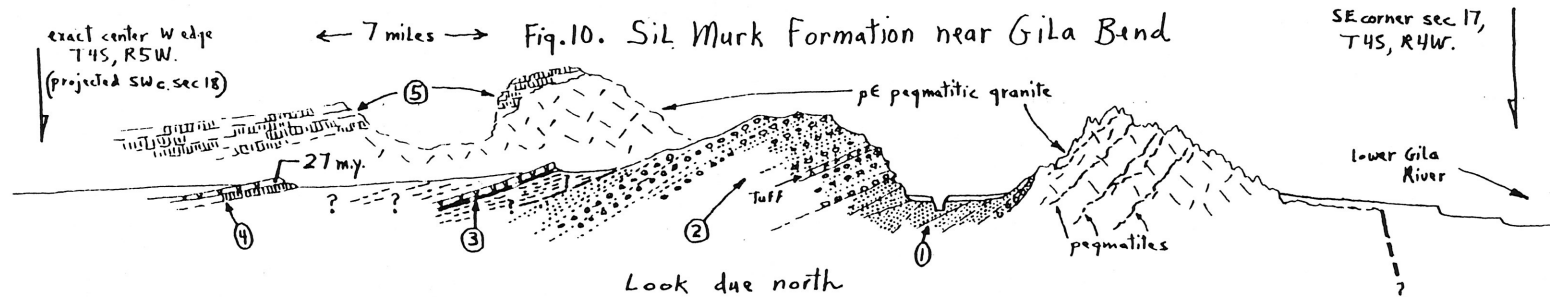
COMMODITY:

STONE SANDSTONE
SILICON SAND
QUARTZ SAND

BIBLIOGRAPHY:

ADMMR SIL MURK RED SANDSTONE FILE
EXTENDS INTO 4S 5 W SEC 24
ABG&MT OFR 79-1, 1979 P 66

⑤ hills in perspective view - not above ③ and ④.



Southern part of Sil Murk Fm of T5S, R5W described and mapped by Heindl and Armstrong (1963).

- dips of 20-40° SW
- dips of 5-10° SW
- ① Red-brown fairly well sorted arkosic sandstones, non-calcareous. Large scale cross-beds (thicknesses 10-30') mostly of trough type noted. Sands underlain by thin red-brown conglomerate with angular clasts, seen to be depositional with vertical contact upon pE granites. Most ss beds finely laminar, some display 1/2"-3" thick graded beds, indicative of fluvial action. Sandstones interpreted to represent aeolian and fluvial (prograding deltaic?) settings. Thickness of sandstones in (projected) sec 24, T4S, R5E is 500-1000' by dip calculation.
 - ② Fanglomerate, locally fingering with, locally deposited on irregular surface cut on the sandstones. Composed of a lower 50' thick massive debris flow, and 1000-2000' of debris-mudflows dominated section, with minor fluvial sands and channel gravels. Debris flow matrix and fluvial sands both greatly resemble the lower sandstone unit. The lower 1000' of section is red-brown color, and contains one 4' thick devitrified air-fall tuff bed. Fluvial imbrication in general points strongly towards S and SW. Further south, Heindl suggests a section composed of 100' of red arkosic sandstone of flood plain origin, overlain by ~1500' of red and an upper gray fanglomerate. In general, the sandstones and fanglomerates dip 30-40° to SW, but strike directions swing more E-W in NW 1/4 T4S, R5W.
 - ③ Low relief cuesta held up by dacitic welded tuff w eutaxitic structure and 4' of basal black vitrophyre, and underlain by light colored cobbly mudstones which do not resemble lower fanglomerates. Dips to SW and W at 5-15°.
 - ④ Low relief cuesta held up by welded rhyolite or dacite tuff and directly underlain by a basaltic andesite. Tuff has been dated by Eberly & Stanley (#99) as 27 ± 3.8 my. These units dip ~6° to the SW, but are separated from rest of section by slope-covered areas. General dips of ③ and ④ conform to extensive thick flow sequences in hills to the NW (⑤) which can be seen to be depositional on pE granites in SW 1/4 T3S, R5W where Sil Murk beds are totally missing. These similar structural attitudes prompted Heindl to suggest that his upper volcanic Sil Murk Fm (③ & ④) may be part of the extensive volcanic terrain to the NW, and separated from his lower Sil Murk sediments (① & ②) by a 5-15° angular discordance. Eberly & Stanley's K/Ar date clearly applies to the upper volcanic sequence, and is only a minimum number on the lower sediments.

Note: A series of K/Ar dates on rocks of ⑤ series 5-30 miles north by Showetna, et al (1976) produce 17-21 my ages, although locally dips on these younger rocks may be 0-25°.

Ken A Phillips

From: "Nyal Niemuth" <njn22r@hotmail.com>
To: "Ken Phillips" <kenfillups@hotmail.com>
Sent: Monday, January 28, 2002 2:00 PM
Subject: golden Sunlight

These folks are mining near ~4 miles the Sil Murk occurrence. Reported to be used at Turf Paradise track. Also purported to contain colloidal gold :-)

GOLDEN SUNSET MINING & MILLING, LLC
WebPage <http://gsmm.airweb.net>

John Hoffman
Managing Partner
P.O. Box 211 Laveen, AZ 85339
Tel. (602) 237-4229 Fax: (602) 237-47

AMERICANS UNITED

T4J
R Sw
Sec 4, 9.10 ?

Date Printed: 01/09/98

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION SUMMARY

Information from: Le Roy Kissinger

Company:

Address:

City, State ZIP: Tucson, Arizona

Phone: 520-531-9297

MINE: Sil Murk Red Sandstone

ADMMR Mine File: Sil Murk Red Sandstone

County: Maricopa

AzMILS Number: 795

SUMMARY

Le Roy Kissinger reported that together with Bob Bliss he has visited the Sil Murk Red Sandstone [Maricopa AZMILS 795] deposits of red arkosic sandstone and fluvial (perhaps partially eolian) sand place deposits west of the Gila River north of Gila Bend.

He feels the dark reddish sand has industrial mineral uses as specialty colored aggregate. He explained that Bob Bliss's contacts have stacked a group of lode claims on the occurrence.

Ken A. Phillips, Chief Engineer Date: January 8, 1998 ✓

FVDS.14

Arizona Department of Mines and Mineral Resources

MINE AND PROSPECT FIELD VISIT DATA SUMMARY

Sheet 1 of 2

COMMODITIES: Silica - sand, quartz - sand, stone - sandstone

MILS ID No.: New

DATE: 1-12-90

ENGINEER: Ken Phillips and Nyal Niemuth

INFORMATION FROM: Field visit

PROPERTY SUMMARY

I. MINE NAME: Sil Murk Red Sandstone OTHER POSSIBLE NAMES
INCL. ANY CLAIM NAMES NOTED:

II. LOCATION: T 4S R 4W SEC(S): SW 19 MINE DISTRICT

ELEV.: 800 COUNTY Maricopa TOPO QUAD. Cotton Center 7 1/2'

DIRECTIONS: Woods road from AZ 85 to old Buckeye-Gila Bend Road,
south to Cotton Center, west on Pierpoint Rd to end, south on garded
dirt road.

MAP ATTACHED Yes

III. OWNERSHIP: Data not determined

IV. PROPERTY AND HOLDINGS: Not determined

V. PAST PRODUCTION-NOTED, KNOWN, PROBABLE, UNKNOWN, NONE: None

VI. CURRENT STATUS: Raw prospect

VII. WORKINGS: Prospect pit probably for dimension stone. Dimensions: 15'x
5'x 3'. Material too poorly cemented for facia stone but might make
decorative stone blocks. Ideal for sand sculpture.

VIII GEOLOGY AND MINERALOGY: DEPOSIT TYPE: Tertiary Sandstone, lower Sil
Murk Formation

LENGTH: THICKNESS +500' VEIN STRIKE DIP SW

HOST ROCK: Sil Murk Formation

ECONOMIC MINERALS: + 50' true thickness
clean red sandstone with no coarse fluvial granite material. Analysis
will follow.

Sheet 2 of 2

COMMENTS: Potential size large, 2500' x 500' x +50'. Poorly cemented sandstone. Hand specimen-biotite visible. Topo map sketch to accompany report.

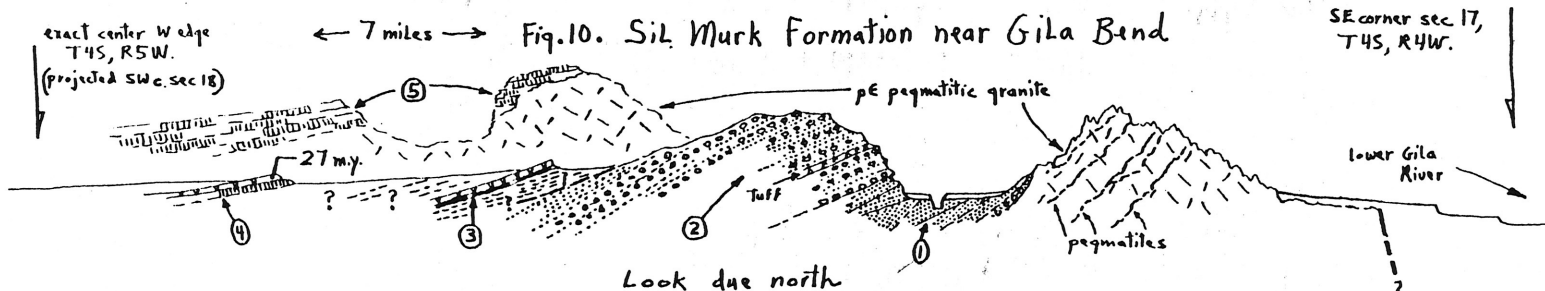
IX. EQUIPMENT ON SIGHT: None

X. SAMPLING: NOTE TYPE IF ANY, DRILLING?
Two samples

XI. REFERENCES AND REMARKS:

UBM+MT OFR 79-1, 1979

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