



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 08/29/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HEATH MILL

ALTERNATE NAMES:

TROUT CREEK MILL

HAYDEN MILL

MOHAVE COUNTY MILS NUMBER: 503A

LOCATION: TOWNSHIP 18 N RANGE 13 W SECTION 35 QUARTER NW
LATITUDE: N 34DEG 53MIN 44SEC LONGITUDE: W 113DEG 37MIN 53SEC
TOPO MAP NAME: PILGRIM WASH - 7.5 MIN

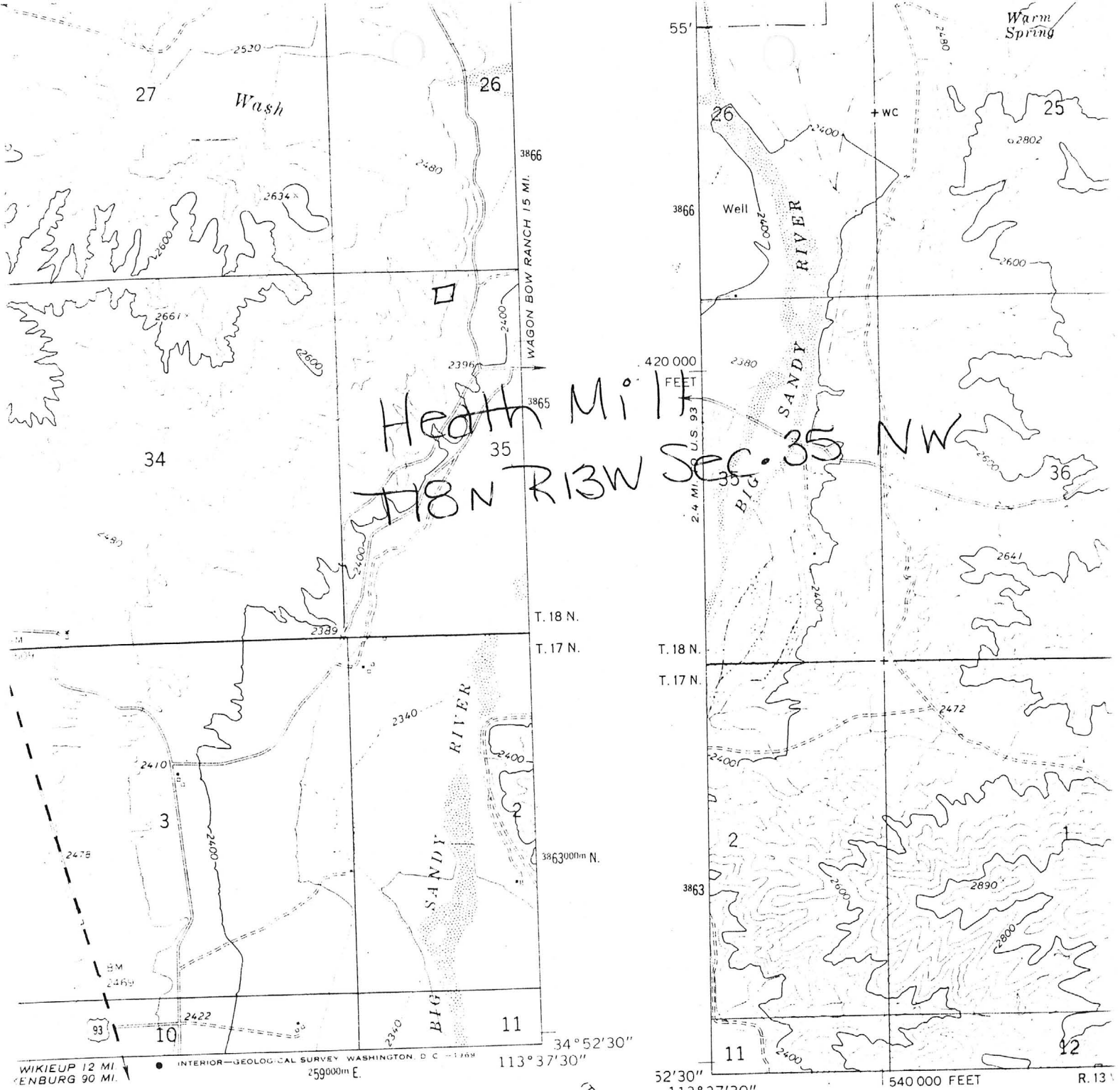
CURRENT STATUS: PAST PRODUCER

COMMODITY:

MILL PB OXIDE

BIBLIOGRAPHY:

ADMMR HEATH MILL FILE



WIKIEUP 12 MI
 ENBURG 90 MI
 INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D. C. 20540
 259000m E.

ROAD CLASSIFICATION
 Medium-duty ——— Light-duty ———
 Unimproved dirt =====
 U. S. Route

PILGRIM WASH, ARIZ.
 N3452.5—W11337.5/7.5
 1967

57-A
 MO

52'30" 113°37'30"
 540 000 FEET R. 13 W.

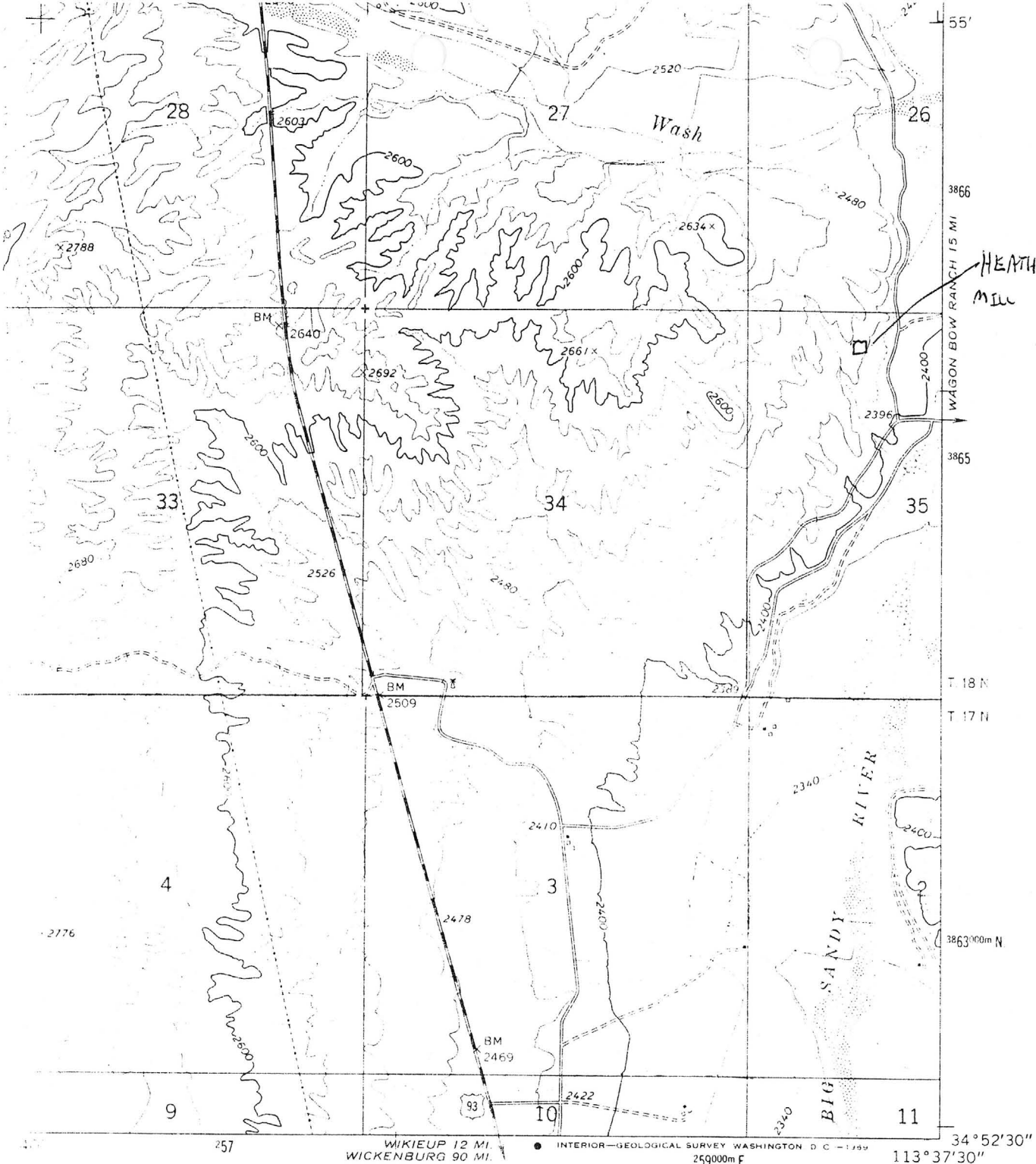
Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
 photographs taken 1966. Field checked 1967

Polyconic projection. 1927 North American datum
 10,000-foot grid based on Arizona coordinate system, with
 1000-meter Universal Transverse Mercator grid ticks,
 zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

Tom Brown
 Canyon 7.5'



WIKIEUP 12 MI.
WICKENBURG 90 MI.

● INTERIOR—GEOLOGICAL SURVEY WASHINGTON D.C.—1959
259000m E.

34° 52' 30"
113° 37' 30"

ROAD CLASSIFICATION

- Medium-duty Light-duty
- Unimproved dirt
- U. S. Route



QUADRANGLE LOCATION

57-A

PILGRIM WASH, ARIZ.
N3452.5—W11337.5/7.5

MO

SOLOMON MINES, INC.

MOHAVE

Mel Jones has recently examined some Au-quartz veins held by Solomon Mines, Inc. Mike Willyard, pres. & mgr. There are two groups of claims near Signal but Mel's samples didn't reveal any high grade material. GW WR 8/18/75

Mr. Aldridge, Mohave County Supervisor, stated that Mr. Michael Merideth of Milwaukee, Wisconsin, telephone in Wikieup, 765-2258, operating as Trans Western Mining has purchased the mill formerly owned by Burnside.

Went to the old Heath mill 11 miles NE of Wikieup where Dave Stansbury, watchman for Robert Burnside, said Solomon Mines, Inc. have a lease-purchase agreement with Mr. Burnside but that presently the company was trying to raise more finances as their principal investor had withdrawn from the organization. He said Solomon Mines, Inc., consisted of Mike Willard, Tom Youngblood and Mike Meredith of Minneapolis. The mill is in about the same condition it was a couple of years ago when last visited. There seems to be some doubt as to the ownership of the land on which the mill sits and the well from which the water is to be obtained for milling. GW WR 8/26/75

I stopped at the Trout Creek Mill about 15 miles north of Wikieup. Three men were working in the mill. I was told that Transwestern Mining Corporation which recently purchased the mill also owned lode claims at Signal. The operations manager was at the Signal claims. The Arizona address is as follows: Transwestern Mng. Corp., P.O. Box 11, Wikieup, 85360, 765-2258. VBD WR 10/7/75

W.P.M. 10175

PA

NO NOT COPY

Mill Visit - Sheldon Heath and two sons (Silver King Mining Co.?) have the Diamond Joe mine north of Wikieup and in the past two years have built a 100 ton mill themselves. Mill is reached by turning east to Big Sandy Hereford Ranch (Sign) at 14 miles N. of Wikieup on Route 93. Short way to the ranch. Turn right. Turn left at next ranch near by and follow Trout road to mill. Do not take right at fork, which crosses Big Sandy. Only a mile or so to the mill. Heath is son of well known Prescott rancher, Earl Heath. The mill is rated 100 tons per day but are putting through 60 tons because of need to grind to 100 mesh. Crusher, ball mill-rake classifier circuit and 3 flotation cells arranged for gravity flow make up the mill. The 3 men mine, truck ore, mill and truck concentrates (to El Paso). Have about a 25-ton Kenworth truck. Concentrates are air dried. The ore is chiefly oxide lead. Claim to be getting about 85 percent recovery. Have submitted ore to a number of metallurgical laboratories and say they finally have worked out their own flotation process. They say they are the sole proprietors and after a long struggle are now doing alright.

FPK Notes from field trip May 6 thru 15, 1969

Visited Sheldon Heath Mill (Silver King Mining Co) Mill shut down. Mr. Heath was working for Magnum until they stopped work. No information as to reasons for Silver King shutdown. FPK WR 9/5/69

Visited Diamond Joe (Heath Mill); idle - no one around. FTJ WR 11/7/69

To Wikieup-to local bar to get information from Fred Medlin who was not in. His wife said he ^{ow} owned the Diamond Joe mine southwest of Wikieup on Diamond Joe peak. Did not know of future plans. FTJ WR 1-8-71

According to Ron Hanna from his office visit 11/28/75 - owner, Fred Medlin was killed sometime in 1974.

Reference: AMW, 3/30, p. 23; 5/20, p. 29; 5/12/76, p. 60

Kingman Mining Project, Underground map 1 section, 11/16/76

DEPARTMENT OF MINERAL RESOURCES

**STATE OF ARIZONA
FIELD ENGINEERS REPORT**

~~Mine~~ Mill - Heath Mill aka Trout Creek Mill Date April 13, 1983
District Mohave County Engineer Nyal Niemuth and Dick Beard
Subject: Field Visit

In the company of Dick Beard a visit was made to the Heath Mill in Mohave County. This mill is just slightly mislocated in Mohave County MILS. Listed as MILS #503A it should be in the NW not the SE $\frac{1}{4}$ of Section 35, R13W T18N (see attached map for location).

Little remains of the Heath Mill. Still in place is the crushed ore wooden storage bin and the concrete walls and foundation. All of the mill equipment that was there in the past has been removed. One exception is the jaw crusher which is damaged and pushed off the slope next to the mill. Nearby well and electricity are still available for use of this site for a custom milling operation.

A few tons of uncrushed vein material, similar to that from the McCracken, and also some iron-stained quartz gold vein rock remain near the site of the crusher. Below the mill are a few hundred ton of tailings, probably flotation. Those tailings may reflect that only a small amount of material was processed there when the mill was operational.

~~CONFIDENTIAL~~

MILVON H. JONES

Mining Geologist

Burt - Monahan, Nevada 89030

8 August, 1975

RECONNAISSANCE GEOLOGICAL EXAMINATION OF THE SOLOMON MINES, INC.,
PROPERTIES NEAR WICKIEUP AND SIGNAL, MOHAVE COUNTY, ARIZONA.

At the request of Mr. ~~Michael Jones~~, Jr., Evergreen Park, Ill., 60642, the undersigned, assisted by Mr. Wayne Day, Moab, Utah proceeded to Wickieup, Arizona (and vicinity) on August 6, 1975. Purpose was to examine the mining holdings of the Solomon Mines, Inc (claims and mill) and arrive at a preliminary geology evaluation.

On arrival at Wickieup, we met Mr. Michael Willyerd, Sr. (PO Box 11, Wickieup, Ariz.) and others of the Solomon mines staff, and discussed their mining properties. Mr. Willyerd, Sr. informed the writer that they are now in the process of putting their holdings into another corporate structure called Transwestern Mining Company (A Nevada Corp.) and stated that he, Mr. Hillyerd, Sr., is President and General Manager of said company and that a Mr. Michael Merideth (who was not present, but resides in Wickieup part of the time) is Chairman of the Board. It was mentioned that they have a temporary office in their mobile home there and hoped to have a telephone soon. Mr. Willyerd, and his son, Mr. Machael J. Willyerd, Jr (who was also present) stated that the Company owns the following: (Note: the strange coincidence of so many "Michael" above).

- 100 ton per day Hayden Mill
- 5 each Solomon claims
- 5 each Transwestern claims
- 2 each Kelly claims
- 4 each Tungsten claims (no name given)

All of the claims are for gold (except the Tungsten claims). Near one of the gold claims, it was mentioned they have found a deposit of Chrysocolla and Turquoise. It was mentioned to the writer that they have shipped no ore; all work has been exploration and development. Mr. Willyerd, Sr., then mentioned he was on his way to Phoenix that morning and then would go to Carson City, Nev., by air, and that his son, Mr. Willyerd, Jr., would get the writer and Mr. Day around the properties, and that a 4 wheel drive vehicle was necessary.

The first mining claims visited were the Kelley claims. (see map, Incl No.2) These are apparently some old mining claims which the Solomon people have taken over. It was pointed out that the trail to these claims was almost non-existent. A new road had been built. On the side of a steep hill is an old prospect hole showing about a 1½ to 2 feet wide vein of allegedly gold bearing material in a diorite. About 75 feet below this prospect hole, the Solomon people have driven a 125 foot drift (adit) following the same vein mentioned on the prospect hole. This strikes N-NE and dips 30 Deg. E-SE. A channel cut chip sample was taken near the portal, and another one at the old prospect cite. (Sampling will be discussed below)

Following this, we journeyed to Signal, which is a ghost town

with no buildings remaining. It was a thriving mining town around the turn of the century, now there is only the old mill site. There, the Solomon, mining people have a camping headquarters with several vans and travel trailers. Apparently 5 or 6 young people reside there (they are of college student age), and they are apparently the work crew. In this extremely hot and dry desert region, this is one of the spots where water can be obtained. Although it was Wednesday, no one was working.

We then accompanied Mr. Willyerd, Jr. to an area about 3 miles South of the Camp, to what he called the Solomon No.1 claim. The old Goldbug mine is only a short distance to the West (they have claims there also, I was told). At the Solomon No.1, a 45 foot adit has been driven. The portal was largely blocked by a cave in, and we were told that Mr. Willyerd's (Jr.) dog had been bitten by a rattlesnake there in, a few days before. A chip channel cut sample was taken from the vein that is conspicuous at the portal. At this location the vein is about 5 feet in width, and the adit is in what appears to be rhyolite. Mr. Willyerd, jr., said that their sampling in the past runs 3 ounces to the ton of gold ?? (at the Kelley claims, he stated it runs 1 ounce p/t). A rather steep hill in an Easterly direction was pointed out as the Turquoise deposit. As it was getting late in the day, no attempt was made to visit this Turquoise prospect. Mr Willyerd Jr., who mentioned that he has been in charge of most of the underground work and road building, (in the past,) said he didn't have any sample of the Turquoise to show the writer ??

While it can be mentioned that getting to the outlined locations had been slow and time consuming, and the day was fast passing; no one offered to escort us to, or show us, the other mining claims in the Signal-Greenwood Peak area.

As the writer had requested earlier, that the mill be included in the tour, all then returned to Wickieup, and then proceeded 15 miles to the North, along the Big Sandy Wash to the "Hayden Mill," which apparently the Solomon people have recently acquired. They have a house trailer up there and a watchman.

This old Hayden mill was apparently set up years ago for gold recovery and up until recent times, was owned by a Mr. J. Beasily of Phoenix. He apparently leased it or sold it to the Solomon people. There is both electric power and water at the site. The following equipment was observed:

- 1 ea Grizzly.
- 1 ea Jaw crusher 8" X 16".
- 1 ea Fine grind bin.
- 1 ea Screening equipment.
- 1 ea Ball mill 5' X 6'.
- 4 ea Floatation cells.
- 1 ea Stephens table 5' X 10'.

The equipment has been painted and some new electrical work has been done. However the pulp circuits and flow lines are not in, and some equipment is lacking to make it an operating 100 ton a day mill. There is a classifier, jig, amalgamation set up, etc. With only the 1 concentrating table and 4 floatation cells, it can scarcely be qualified to do 100 tons per day. It will cost a lot of money to place this mill in efficient operation. Its value in its present condition would be at junk rates only. An old bulldozer, and ancient dump trucks were seen.

GEOLOGY.

Some geology considerations have already been discussed above. The claims are in the Hualapai mountains, which are largely plutonic and grade into Precambrian gneiss in the claims area. Major deformation of the mountains, and most mineralization, occurred during the Larimide. Further to the West, from the claims are the Limestones of the Martin formation, and mines thereby have lead and silver. About 8 miles West of Signal is the location of the well known MacCracken mine, that produced silver for many years. The Greenwood Peak area is interesting from a mineralogical viewpoint as there is copper at several locations, and small stringers of Columbian at places high up on the Peak. On the Leivas ranch there is a small deposit of Tungsten with Thorium, and not far away, some rare earths. Apparently, the Solomon people have the old gold claims in this area.

OTHER CONSIDERATIONS.

Young Mr. Hillyerd mentioned that they also have the old Vaudis Holland claims, which are in the Transwestern group East of the Kelley claims. The writer happened to have visited these claims, some years ago and did some sampling. Most samples were very marginal (poor). Earlier, Mr. Holland and his partner, shipped a car load of ore from these claims to a smelter. The returns did not pay the freight.

The writer, asked to see maps of the claims, and young Hillyerd replied that upon our return to Wickieup, he would produce them. But on arrival at their place in Wickieup (office with no telephone), he stated that he could not find the maps. One would assume, that the Solomon Mines, Inc., would have necessary engineering data, including maps, for their own use, and to show to others ??

It was also noted, that young Hillyerd, was never sure of what claim we were on. He was asked several times, at different places and gave conflicting answers. The writer, being somewhat familiar with the area, and having a Brunton, and a general map along, has been able to approximate the locations (as shown on the inclosed map). The claims information could be verified at the County Recorder's office at Kingman.

It might be said that the Solomon people gave the appearances of being most friendly, but they gave out little information on claim numbers and locations. Perhaps there is some reason for this?

SAMPLES AND ASSAYS.

(See Assay report attached)

<u>Sample No.</u>	<u>Au Assay (Troy Oz/pton).</u>	<u>Value†</u>
Kelley Sample No. 1	nil	nil
Kelley Sample No. 2	.03 oz.	\$.05 5.00
Solomon Sample No.1	.04 oz.	\$.06 6.50

*Based on gold at \$165.00 per troy ounce.

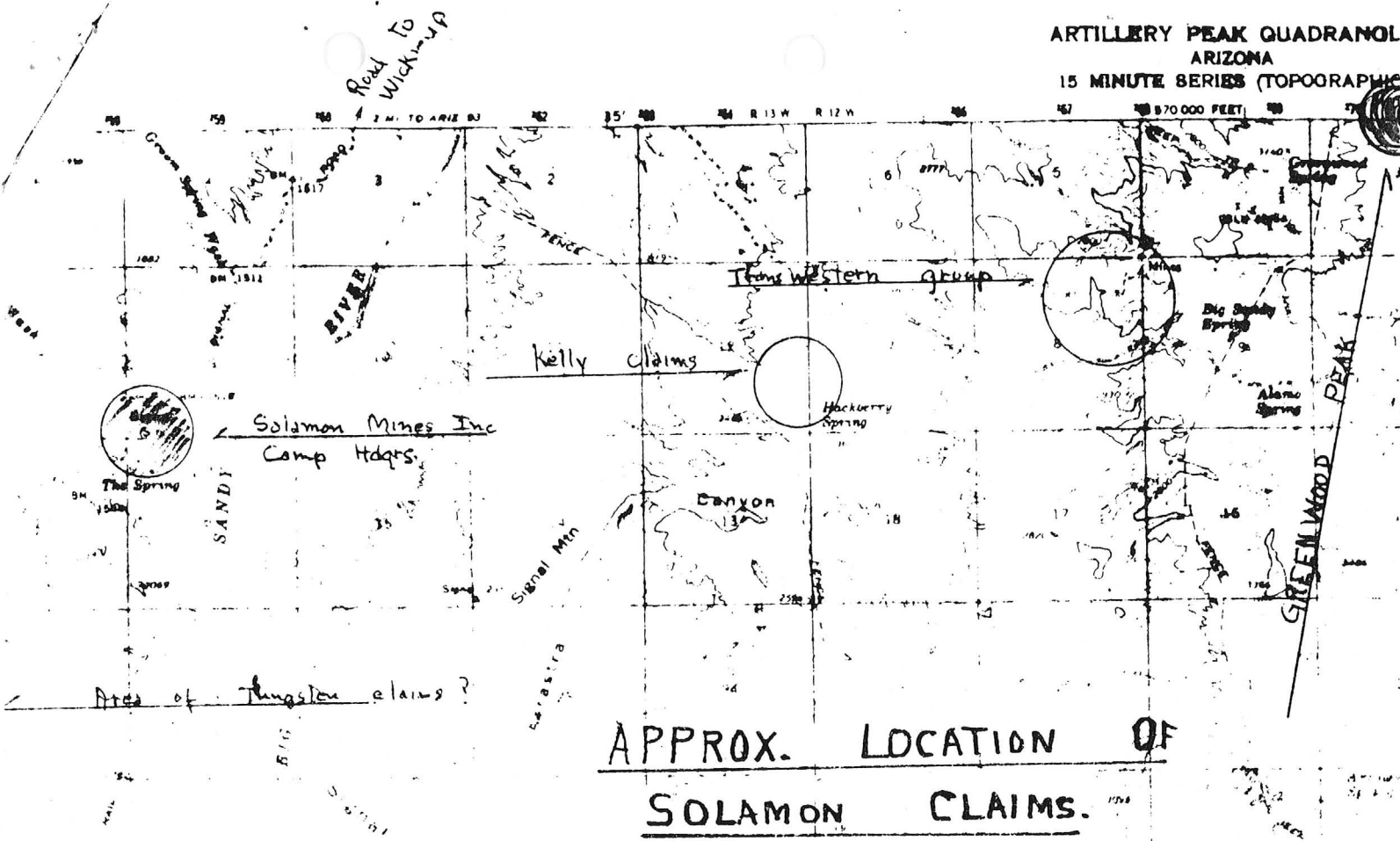
CONCLUSIONS.

a The samples taken show little or no value. No mineable gold ore was seen.

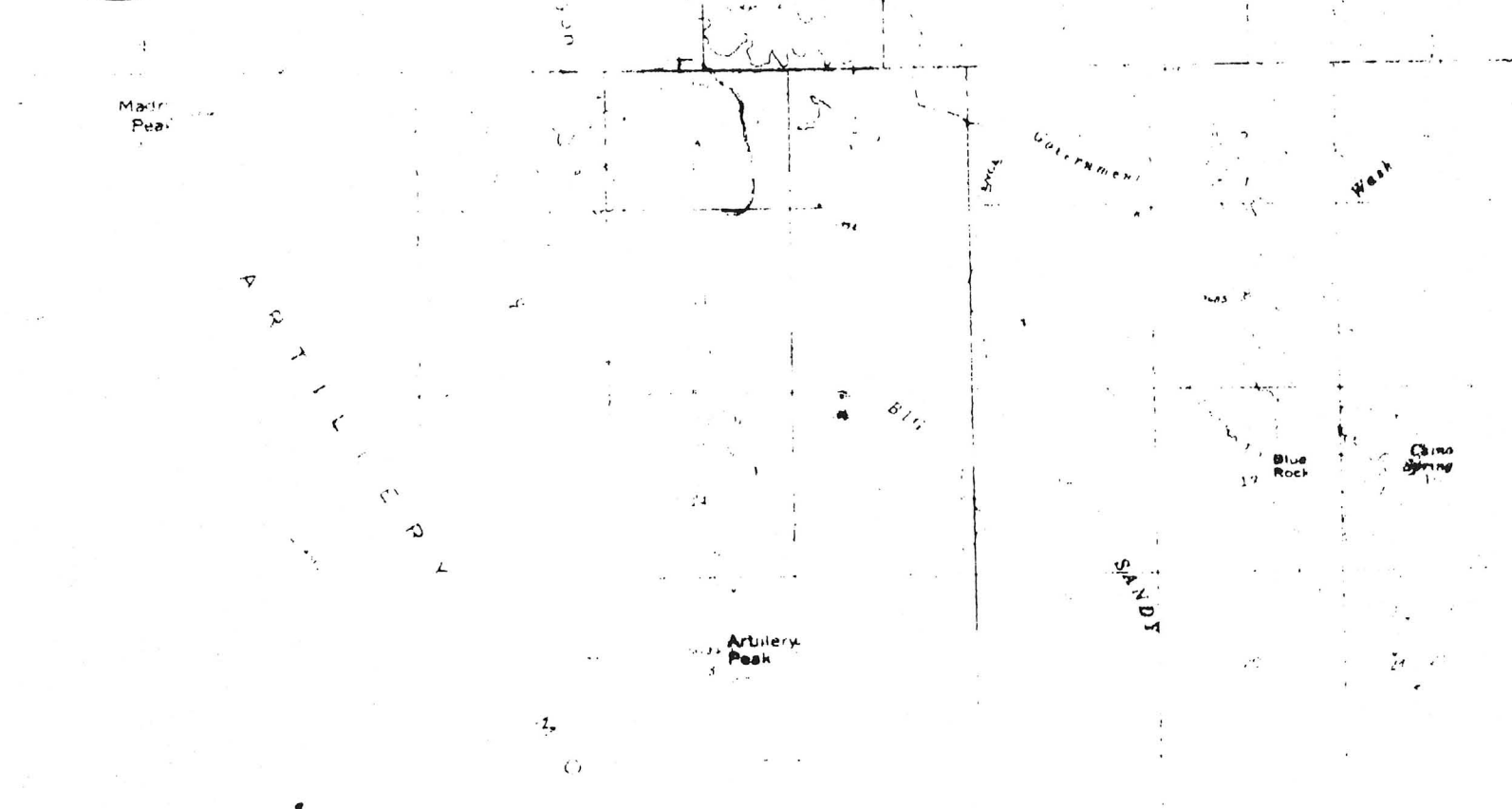
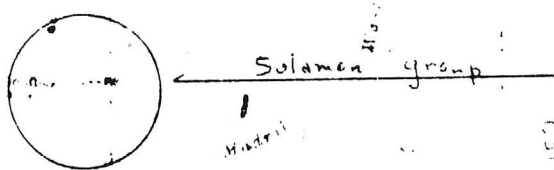
b Evasiveness was most evident. Extent of mine holdings is doubtful. No potentially valuable claims were shown to undersigned.

Box 406, Wickenburg, Az.

MELVIN H. JONES, Mining Geologist.



APPROX. LOCATION OF
SOLAMON CLAIMS.



ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
815 WEST MADISON STREET PHOENIX, ARIZONA 85007

PHONE 254-6181

For Mr. Melvin Jones
Box 406
Wickenburg, Arizona 85358

Date August 8, 1975

ASSAY CERTIFICATE

LAB ID.	IDENTIFICATION	OZ. PER TON		PERCENTAGES			
		GOLD	SILVER	COPPER	LEAD	ZINC	
9995	Solomon #1	0.04					
	Kelley #1	nil					
	Kelley #2	0.03					
	S. Waite				4.37	9.38	

Respectfully submitted,
ARIZONA TESTING LABORATORIES


 Claude F. McLean