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03/08/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: IRONWOOD PLACER

ALTERNATE NAMES:

MARICOPA COUNTY MILS NUMBER: 137

LOCATION: TOWNSHIP 5 N RANGE 6 W SECTION 25 QUARTER C  
LATITUDE: N 33DEG 44MIN 39SEC LONGITUDE: W 112DEG 50MIN 15SEC  
TOPO MAP NAME: BELMONT MTS - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
GOLD PLACER

BIBLIOGRAPHY:  
ADMMR IRONWOOD PLACER FILE

IRONWOOD MINING COMPANY

REFERENCES

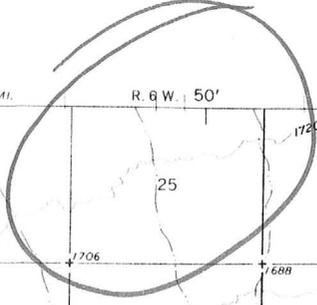
MARICOPA COUNTY  
T5N R6W Sec. 25

MILS Sheet sequence number 0040130390

MILS Maricopa County Index #137

Belmont Mtns. 15' Topo (included in file)

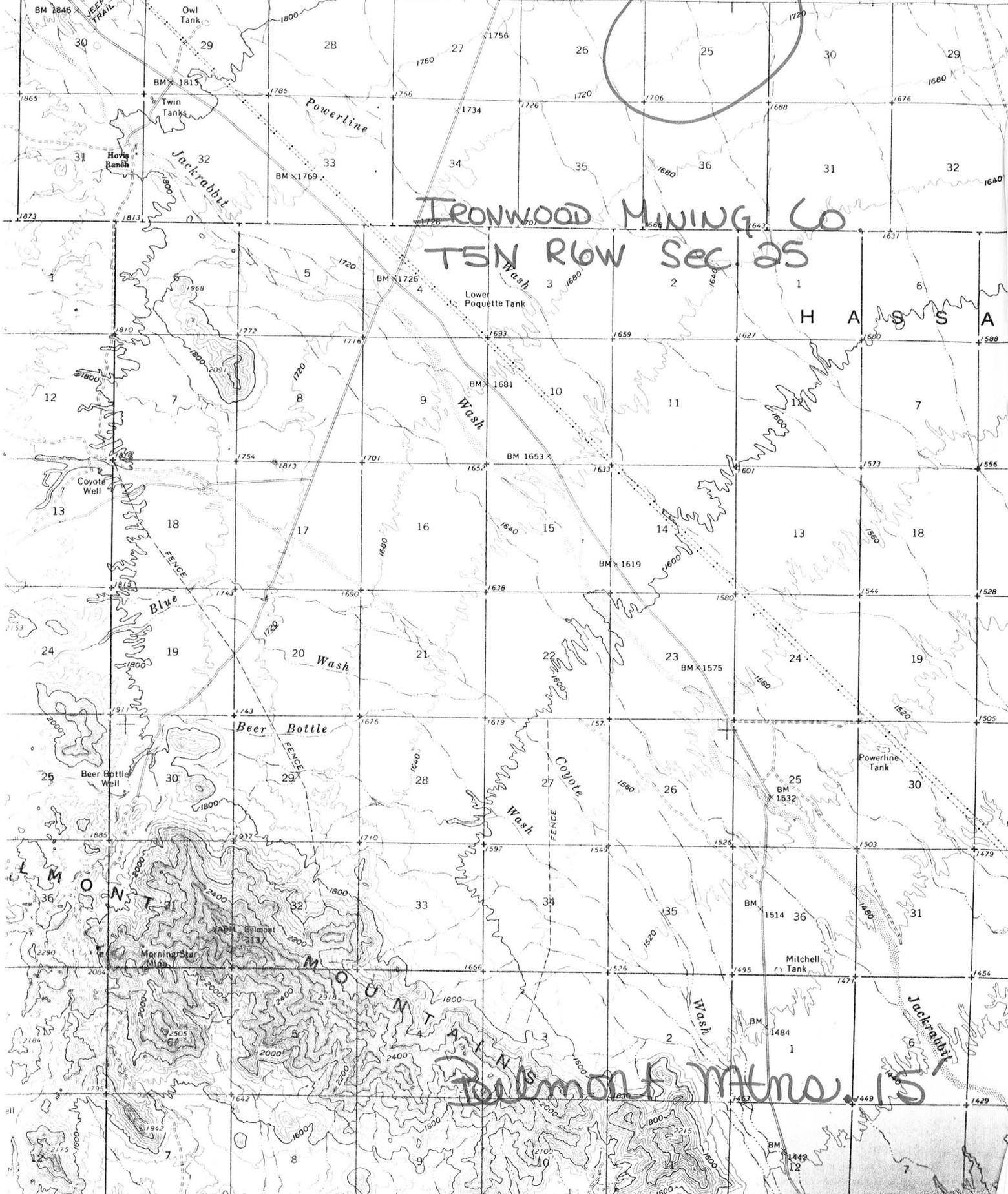
JILA 24 MI. R. 6 W. 55' (VULTURE MTS.) WICKENBURG 20 MI. R. 6 W. 50' R. 5 W.



IRONWOOD MINING CO  
T5N R6W SEC 25

H A S S A

Dalmon Mtns. 15



Ironwood Mining Company  
Sec. 25, T. 5N., R. 6W.  
Maricopa County

reference: Arizona Dept. of Mineral Resources  
Ironwood Mining Company (file)

present owner: John and Gary Smith  
of Phoenix and Wickenburg, AZ.

minerals: gold and geothermal potential site

#### History of the Area:

In 1975 the property was owned by John Smith, Sr. and his two sons, John, Jr. and Gary. They had erected a small plant and other equipment. Their water well was to 500 feet and the water had a temperature of 135°F. By late 1975 the placer operation was abandoned and the Smiths were interested in a geothermal survey. They held a BLM geothermal lease which was due to expire on Jan. 11, 1976. By Aug. 1976 there was no activity however there was a large house trailer on the property.

IRONWOOD MINING COMPANY

Office visit by Gary Smith, 12/11/75: Reported the placer operation is marginal. Must find some other way (\$110,000 invested) Reported that a Mr. Del Schultz (?) from Naples, Florida, was going to put money in Kinman's process. Kinman moving operations to Iron King Mine. Mr. Smith said Kinman would process concentrates for 10% of values. Mr. Smith would have to provide the equipment to process the ore into a concentrate. This would include pulverizer, (-150 mesh) mixing vats, burner (kiln), agitator and dryer. Discussed possibilities of cyaniding cons. Mr. Smith stated Dr. Wilson (Tempe) took some of their concentrates - never returned them. JHJ.

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Office visit, December 16, 1975.

Mr. Art Studley in from Arivaca Minado. He reported Mr. Kinman was in Iron King today setting up pilot plant reactor. Said Mr. Statler could certify results. JHJ

Called Walt Statler regarding Kinman. He said Kinman had rented a part of his lab, but he didn't know what he was experimenting with as yet. GW WR 12/16/75

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Went to the Ironwood Mining Co. placer south of the Vulture mine where John Smith, Sr., said they had quit the placer operation and were trying to raise \$8500 for a geothermal survey by Gresham Geophysical Corp., 2928 N. 7th Av., Phoenix. He said they had until Jan. 11, 1976, to perform on their BLM geothermal lease or lose it. GW WR 12/23/75

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Mr. Kinman, Phoenix, came in with an invitation to observe his precious metals extraction process on a laboratory scale. When questioned as to the method, he said although the information was confidential he could say he used aluminum chloride and ammonium nitrate. He added that he anticipated building five extraction plants in Arizona for a royalty of 10% of the gross values recovered. GW WR 12/26/75

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Walt Statler said that Mr. Kinman had a couple of Ag buttons and a silvery-looking slug that had been molten which, he said, was very magnetic, but from which Walt had extracted considerable Ag. GW WR 1/7/76

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Ted Housley said that Mr. John Smith of the Ironwood placer had passed away suddenly with a heart attack last Thursday. GW WR 6/22/76

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Stopped at Smith's Ironwood placer 16 miles SW of Wickenburg where there was no activity, however, a large house trailer has been moved in since the last visit. Stopped at the Vulture where it was reported Gary Smith was in the hospital with a bad ulcer of the stomach. GW WR 8/6/76

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IRONWOOD MINING COMPANY

Went to Gary Smith's Au placer operation about 19 miles southwest of Wickenburg in Sec. 25, T5N R6W where a pit 8-18 feet deep by 350-400 feet long by some 80-90 wide has been dug by a 2½ cu. yd. front end loader. The comparatively fine material is dumped into a 10 ton hopper from which it is fed onto a 30" conveyor belt. This 25 ft. inclined belt discharges onto a double deck vibrating screen from which a -1/8" product slurried with water from a 585 foot well goes into 2 parallel sluice boxes 40 ft. long. The sluices are 15" wide and have 3/4" angle iron riffles. The riffles are either 2¼" apart or 4½" and are underlain by a 3/4" expanded lath screen which is over a rug. Mr. John Smith, father of Gary, said that the tailings contained most of the Au and 200 oz/T of Ag, and that they had been in operation 3 months and had never recovered any appreciable Au. He said a Mr. Jay Wilson, 32nd Avenue and Buckeye Road, had cleaned up the sluices once and took the material to his lab or shop and told them that he hadn't had time to separate the Au from it as yet (2 months ago). It was suggested that the screen and rug be removed from one of the sluices at the upper 8 ft. and that the riffles be made at least 2" high. Then everyday the upper 8ft. of both sluices be cleaned up and the amount of Au in each should be weighed and compared. The plant wasn't in operation due to the front end loader being down for repairs. Mr. Smith said he would call the office after a few days operation and give the results. The well struck 135° F. water at about 495 ft. after passing through a 7 foot "hard" rib at 485 feet the TD is 585. Mr. Smith said a man from a geothermal operation in California had visited them and said he would return for samples of their water. GW WR 10/17/75

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Went to Gary & John Smith's placer layout 19 miles SW of Wickenburg, where Gary had said it would be in operation, but it wasn't. The younger Smith said they needed a universal joint for the loader before they could start up again. He said they had cleaned up both sluice boxes and got "quite a bit of Au," some nuggets as big as wheat grains. That is the first time the boxes have been cleaned for a month or 6 weeks, according to young Smith, who is fast becoming disenchanted with the way things are going at the mine. GW WR 10/28/75

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Went to the Ironwood Mining Co. (Smith's) placer operation, 19 miles south of Wickenburg, where sampling of material from the Vulture mine was in progress. Four or five suggestions were made which, if followed, could improve the Au recovery. A young man from the Vulture claims they have averaged a recovery of 2 oz. per truckload and states there is enough of this material to sustain an operation of 500 tons per day for 9 years. The Ironwood Mining Co. have tested a mine dump about 2 miles north of their plant with favorable results. Panning tests of the pit material revealed no visible Au. GW WR 11/4/75

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GWI Phone call, 10/8/75:

T5N, R6W, Sec. 25

This section is Federal; surface and mineral (checked with BLM)

Somebody has a silver operation out there. Bert Smith of Iowa, now Phoenix, 276-8079, also has other partners. Talked to John Durkin this morning, 1902 W. Eugie, 993-8160, Phoenix. He and Bert Smith have taken samples - poor results - except when taken to Jack Kinman; a lot of silver and gold - 150 ozs. silver; 2 ozs. gold; Scott Hooten, *laboratory* 1966 N. First, Tempe. Supposed to have an operation in Tucson.

*Dennis Larson - John Durkin sample  
money promoter*

*Rob Warrick*



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

*File*

October 20, 1975

Field trip by John H. Jett, October 13, 1975

Went to placer operation of Ironwood Mining Company owned by Mr. John Smith, Sr. and two sons, John, Jr., and Gary. Located in Sec. 25, T5N, R6W. Mr. Smith lives at 1724 East Southern, Phoenix, 85040, 276-8079.

A small plant has been erected. Plant consists of storage hopper with 4" grizzly on top. Conveyors feed to a screen with minus 1/8 output. Conveyors feed to distribution box feeding two rifles, each about 14" by 30 feet long. Capacity is about 75 TPD. Other equipment included front end loader, generator, pump and miscellaneous equipment. A water well was drilled. Water was hit at 500 feet. The water is 135°.

Other equipment to be erected on other section of property (they claim over 19 sections of land) includes a trommel, minus 1/8 screen, estimated 5X12 shaking table with conveyors.

Mr. Walker will visit this property October 17.

This report is related to my October 8 and 9 reports.



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

October 15, 1975

Office Call, October 9, 1975.

Mr. John Durkin (see report of October 8) returned to the office. He informed me that the Edwards mine in Arivaca was providing feed for the plant in Tucson and Mr. Art Studley was in charge of the plant.

Mr. Durkin told of a property in the Buckeye Hills (east of the Swansea) they have sold to a Canadian company. They will get \$1,000,000 with  $\frac{1}{2}$  down. Later this turned out to be an offer only; no sale consummated as yet. He showed me a copy of a contract BCC Mines have with Ward and Associates. BCC Mines also has the Alaska mine. They have proved mineralization of the Alaska with "infra-red."

Dr. Wilson's name (of Tempe-formerly New Mexico) entered the conversation briefly.

I suggested to Mr. Durkin that they try to put one ton of the 800+oz. of silver and 18 oz. of gold per ton ore through the pilot plant in Tempe. He stated it costs \$500 per ton to process. This, of course, is small when returns are up to 6000 per ton. I told him with rate of return he could soon finance his own plant internally. At least use the pilot plant until such time as the plant in Tucson went on stream then contract with it for a few carloads.

Mr. Durkin showed me a piece of silver recovered from his ore. Assay value was 831.3 oz. per ton.

On Friday, October 10, a Mr. Dennis Larsen (Phoenix - 993-8160) telephoned me at home. Mr. Larsen has a father in La Crosse, Wisconsin, who is a good friend of a Mr. Dale Warneke of La Crosse (He has the money). Mr. Larsen wanted me to tell him whether the process Mr. Durkin has related to us is of any value. He was expected to make a decision on Mr. Warneke investing or not.

I reviewed the situation with him and told him we could neither approve nor condemn. We have not looked at the plant, studied the process or seen any results. Somehow or other a Mr. Schulz of Naples, Florida, entered the conversation. Mr. Larsen told of how his father and Schulz lost \$300,000 with Mr. Chisholm on a property near the Alaska mine.

A Bill Williams name was also mentioned.

John H. Jett



STATE OF ARIZONA  
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Office call - October 8, 1975 - Mr. John Durkin

Mr. Durkin is a middleman between the financial interests and the mining and processing interests of a proposed operation.

Mr. Bert Smith and a Mr. Fred Moffit are the reported owners of 10 $\frac{1}{2}$  sections of land in the area south of Wickenburg. They are erecting a mill in Sec. 25, T5N, R6W, (a check with BLM shows this to be BLM land).

Jack Kinman is a chemist or metallurgist working with the equipment of Mr. Scott Hooten in Tempe. Mr. Kinman obtains remarkably high assays on gold and silver. Mr. Kinman has licensed his process and is supervising construction of a plant at the Tucson airport. It is located behind Hughes Air West terminal. The plant will be 20 TPD capacity with feed coming from Arivaca. Art ~~Studdy~~ is in charge of the plant.

Mr. Ward of Ward and Associates are consultants for Mr. Durkin. Believed to have done some sampling.

Mr. Durkin took several buckets of samples to Mr. Kinman and watched him run the samples. The results showed 18 oz. of gold and 200 oz. of silver.

Mr. Durkin stated that the principles of Domain Corp. (see file) visited with Mr. Kinman. They were so impressed the two groups have decided to merge.

Mr. Durkin provided us with number of assay reports on the Copper Penny and on the Alaska and Columbus. His cooperation is greatly appreciated.