

Form 4-683  
(January 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey number  
4652

State  
Arizona  
Land District

FIELD NOTES

Of the Survey of the Mining Claim of *(name and address of Claimant)*

Estella M. Kincanon and David L. Kincanon  
c/o Hale C. Tognoni, Attorney in Fact,  
610 First National Bank Building  
Phoenix, Arizona 85004

Known as the *(name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
KINCANON NO. 1 placer	5/18/43	8/11/66 10/19/66

Mining district	Sugar Loaf		County	Coconino
Section	Township	Range	Meridian	Survey under order dated
13	23 North	7 East	Gila & Salt River	November 8, 1966
Survey commenced	Survey completed		Name of Mineral Surveyor	
November 9, 1966	November 19, 1966		J. William Waara	

THE UNIVERSITY OF CHICAGO  
LIBRARY

1954

1954

THE UNIVERSITY OF CHICAGO  
LIBRARY

F E E T

This survey was made with a Lietz Light Mountain transit No. 9303, with horizontal limb five inches in diameter having two double opposite verniers reading to thirty seconds of arc, and full vertical circle five inches in diameter, having two double opposite verniers reading to one minute of arc; the eye piece is equipped to receive a prismatic eyepiece with colored shade for direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian established by direct observations on the sun.

November 17, 1966 at a point N.0°-41'W. 243.57 feet from cor.No.1 of the KINCANON NO. 1 placer claim of this survey, Latitude 35°-22'N. Longitude 111°-35'W.; turning from the reference northwest, clockwise to the sun in the southwest.

True bearing of the reference point is S.0°-41'E.

The lines were measured with a 1/8 inch steel tape 500 feet long, graduated every foot with each end foot in 1/10 th. graduations. This tape was compared with a standard 100 foot steel tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 14°-30'E.

SURVEY NO. 4652

KINCANON NO.1 placer

At cor. No.1 of the KINCANON NO.1 placer, on line 1-4 Sur.No. 4650 COLLINS No.2 placer,

Set a 1/2 inch iron pipe 36 inches long, 18 inches into the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, marked K 1-1-4652 with its center for exact corner point; from which

The point for the cor. of secs 18 and 19 only, T. 23 N.R.8 E. G.&S.R. M., bears S.88°-01'-30"E. 1537.6 ft.dist., re-established from bearing trees.

No other bearing objects or bearing trees available.

Thence S.66°-46'W.

FEET	
100.0	Cross mine road, bears northeast to southwest.
357.4	Intersect Cor.No.4 Sur.No.4650 COLLINS No.2 placer identical with Cor. No.1 Sur. No.4650 COLLINS No.1 placer.
1062.0	Intersect the witness cor. for Cor.No.4 Sur.No.4650 COLLINS No.1 placer.
1320.0	True Point for Cor, No. 2.  This corner falls within the plant site area of operations where a permanent monument cannot be established.
	N.0°-41'W.
25.0	North edge of plant site area.
31.9	Point for witness cor. No.2.  Set a 1/2 inch iron pipe, 36 inches long 18 inches into the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, marked K1-WC 2-U S M S 4652 with its center for exact corner point; from which  No other bearing objects or bearing trees available.
675.0	Top of steep ridge, bears west to east.
713.5	Cor. No.3  Set a 1/2 inch iron pipe 36 inches long, 18 inches into the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, marked K 1-3-U S M S 4652 with its center for exact corner point; from which  No other bearing objects or bearing trees available.
	Thence N.66°-46'E.
1182.0	Cross mine road at curve, bears southeast to northwest.
1260.0	Cross mine road at same curve, bears southwest to northeast.
1320.0	Cor. No.4.  Set a 1/2 inch iron pipe 36 inches long, 18 inches into the ground, surrounded by a substantial mound of stone, fitted with a three inch floor flange with copper plate bolted thereon, marked K 1-4-U S M S 4652 with its center for exact corner point; from which  No other bearing objects or bearing

<p>FEEET</p> <p>618.0</p> <p>713.5</p>	<p>trees available.</p> <p style="text-align: center;">Thence S.0°-41'E.</p> <p>Cross mine road, bears northeast to southwest.</p> <p>Cor. No.1, and the place of beginning.</p> <hr/> <p style="text-align: center;">SURVEY NO. 4652</p> <hr/> <p style="text-align: center;">AREAS</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">Acres</td> </tr> <tr> <td>Total area KINCANON NO.1 placer</td> <td style="text-align: right;">19.971</td> </tr> </table> <p style="text-align: center;">LOCATION</p> <p>This survey is located in the South 1/2 of the S.E. 1/4 Sec. 13, T.23 N. R.7 E. of the Gila and Salt River Meridian, Sugar Loaf Mining District, Coconino National Forest, Coconino County, State of Arizona.</p> <p>This survey of the KINCANON NO.1 placer is wholly within the amended location as marked on the ground.</p> <p style="text-align: center;">EXPENDITURES</p> <p>The improvements and the value of the labor and improvements made upon or for the benefit of this placer location embraced in said mining claim by the claimants or their grantors are as follows:</p> <p>No.1      The discovery and development open pit of the KINCANON NO.1 placer, the center of which is the discovery. The boundaries of the pit are described to wit; Beginning on the bench at the south-east corner of the pit, thence S.80°W. 200 ft., thence West 250 ft., Thence N.24°W. 40 ft., thence N.60°E. 250 ft., thence N.28°E. 230 ft., thence N.44°E. 280 ft., thence S.40°E. 100 ft., thence S.30°W. 175 ft., thence S.12°E 175 ft., thence S.28°W. 150 ft. to the place of beginning, from which Cor.No.1 of the KINCANON NO.1 placer bears S.87°E. 221 feet.</p> <p>The area of this pit is approximately 114,000 square feet, and has an approximate average depth of 30 feet, or 127,000 cu. yds. of excavation.</p> <p style="text-align: right;">Value      \$63,500.00</p> <p style="text-align: center;">OTHER CORNER DESCRIPTIONS</p> <p>Survey No. 4650; Corners of this survey are iron pipe 36 inches long, set 18</p>		Acres	Total area KINCANON NO.1 placer	19.971
	Acres				
Total area KINCANON NO.1 placer	19.971				

(This form bound on left side)

FEET

inches into the ground, surrounded by a substantial mound of stone, fitted with a floor flange three inches in diameter, with copper plate bolted thereon, marked with name, number of the corner and survey.

The tie could not be made other than to the known and properly identified northwest Corner Section 19, T.23 N. R.8 E., being the nearest public survey corner. The stone is missing, however, the four recorded bearings were; standing, three trees, fallen, one tree, scribed as of record. The point for the South 1/4 cor. Sec. 13, as determined by projection of the calls in the official record, falls in the plant site area of operations and is obliterated.

REPORT OF MINERAL SURVEYOR  
SPECIAL SURVEY DATA

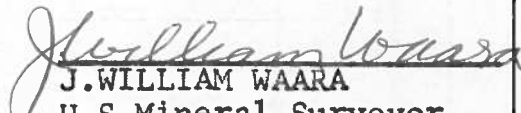
This report covers the KINCANON NO.1 placer mining claim as observed in the field examination by me.

The valuable deposits of this placer claim consists principally the hard fragmented rocks of the residual volcanic flow which created the 400 foot high ridge traversing the north half of the KINCANON NO.1 placer, and the resultant disintergration of the rocks of this flow, creating a sand like residue over the entire ridge. Winds, rains and erosive actions spread this sand like material to the lower fringes of the rocky ridge, forming the floor of the narrow plain along the southerly boundary and similarly forming the sand dune deposits where rocks of solid nature are not visible. This volcanic deposit and residual fines contain a pumice possessing unique chemical and physical properties different from the average pumice. It has been determined that this pumice, without calcining, is a true and effective pozzolinic material, and that its chemical and physical properties render it especially adaptable for use as a true and effective pozzolan, valuable for building, industrial and manufacturing purposes. This type of material was used in enormous quantities for mixing with concrete in the recent construction of the Glenn Canyon Dam by the U.S. Reclamation Service. The material is also used in lesser projects such as construction of the U.S. Arsenal Buildings at Belmont Arizona, presently on heavy concrete interchange and bridge construction on U.S. Military highway nearby. In addition it is used as sand and rock aggregate for local consumption in the construction work; it being other than gold placer and is still claimed under Placer Laws.

F E E T

The adaptability of this material for crushing plant treatment is ideal and almost any usable product as to fineness and grading can be obtained. The 400 foot mountain ridge, the loose layer thereon, fringe deposit at the edge of bottom of the ridge, and valley deposit makes an inexhaustible future reserve.

There are no water holes, springs, or observable water courses; ground being extremely porous nature. The claim is in a cut-over timber area; remaining trees being small pine and larger seed type left-over trees. The vegetation is sparse mountain grasses of 7500 foot elevation type. The claim is all placer ground, there being no known lodes. The claim is situated about one mile west of U.S. Highway No. 89 and the adit road runs up a slightly rising plain, making the area extremely and advantageously accessible from the railroad, highways, and cities. The construction of the proposed Marble Canyon Dam will open an immense market for this material.

  
J. WILLIAM WAARA  
U.S. Mineral Surveyor

---

Field assistants; Gene Garver  
E.G. Chapman.

FEET



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor <b>J. WILLIAM WAARA</b>	Date <b>NOV. 23, 1966</b>
---	------------------------------

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, at Phoenix Arizona, dated Nov. 8, 1966, I have carefully executed the survey of the claim of ESTELLA M. KINCANON and DAVID L. KINCANON, known as the (lode, placer, or mill site) KINCANON NO.1 placer, situated in Section 13, Coconino National Forest, Township 23 N., Range 7 E., Gila and Salt River Meridian, in the State of ARIZONA.

This survey, designated as number 4652, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in the specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the (lode or placer) KINCANON NO. 1 placer location(s) embraced in the said mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Prescott Arizona.  
(Location)

*J. William Waara*  
(Signature of Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management  
Office  
Arizona State Office  
Location  
Phoenix, Arizona  
Date  
February 19, 1968

The foregoing field notes of mineral survey number 4652, in Section 13, Township 23 N., Range 7 E., Gila & Salt River Meridian, in the State of Arizona, executed by J. William Waara, Mineral Surveyor, under order dated November 8, 1966, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

*Fred J. Weiler*  
Fred J. Weiler (Authorized Signature)

State Director  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of field notes of the above described mineral survey number is a true copy of the original field notes.

(Authorized Signature) (Title)

Title 18, U. S. C. section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEY

Section 16, Township 33N, Range 12E, T13N, R12E, S44  
T33N, R12E, S44

That the following described land is situated in the NE 1/4 of Section 16, Township 33N, Range 12E, T13N, R12E, S44, and is owned by the United States of America, and that the same is being surveyed for the purpose of the public lands laws of the United States.

The survey was made by the undersigned on the 15th day of August, 1966, and the same is being filed for the purpose of the public lands laws of the United States.

The survey was made by the undersigned on the 15th day of August, 1966, and the same is being filed for the purpose of the public lands laws of the United States.

*[Signature]*  
Special Agent in Charge

Section 16, Township 33N, Range 12E, T13N, R12E, S44  
T33N, R12E, S44

CERTIFICATE OF APPROVAL

The proposed survey of the above described land is in accordance with the public lands laws of the United States, and the same is being approved for the purpose of the public lands laws of the United States.

*[Signature]*  
Special Agent in Charge

~~This is a transcript of the original survey and is not to be used for any other purpose.~~