



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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04/16/87

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: MINERAL FARM GROUP & MOONLIGHT

ALTERNATE NAMES:

MOLENE AZ COPPER CO CLAIMS

GILA COUNTY MILS NUMBER: 170D

LOCATION: TOWNSHIP 1 N RANGE 15.5E SECTION 10 QUARTER SW
LATITUDE: N 33DEG 26MIN 30SEC LONGITUDE: W 110DEG 46MIN 15SEC
TOPO MAP NAME: GLOBE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

MANGANESE
SILICON SILCA FLUX

BIBLIOGRAPHY:

ADMMR MINERAL FARMS GROUP & MOONLIGHT FILE
BLM MINING DIST SHEETS 161 & 171
FARNHAM L L MANG DEPTS EASTERN AZ USBM IC7990
1961 P 59
USGS BULL 710-D CONTRIB TO ECONOMIC GEOL 1919
P 16
WILSON E D & G M BUTLER MANG ORE DEPTS AZ
AZBM BULL 127 1930 P 62
CLAIMS EXTEND INTO SEC 12 & 13-T1N-R15E
AZ MINING JOURNAL FEB 1918, P. 7
ADMMR IRON HIVE 1 & 2 FILE (ADJOINING PROP)

MINERAL FARMS NO. 1, 2 & MOONLIGHT

Mn

Gila

4 - 4

T 1 N, R 15 E

G. R. Mohaffey, 1505 Gulf States Bldg., Dallas, Tex.

'43

NAME OF MINE: MINERAL FARMS

COUNTY: GILA

DISTRICT:

METALS:

OPERATOR AND ADDRESS:

MINE STATUS

MN

DATE:

DATE:

5/1/44 T. J. Long Co.
Dan D. Rogers
Dominion HotelGlobe

5/1/44 IDLE

See I.C. 1990 pp 59,60

Joe
NICHOLS DEVELOPMENT CORPORATION

HEAVY EQUIPMENT RENTAL

Box 167

Globe, Az. 85502

Phone 425-7006 • 425-8116

STATE MINE INSPECTOR

JAN 14 1985

January 8, 1985

STATE OF ARIZONA - STATE MINE INSPECTOR

705 West Wing

Phoenix, Arizona 85007

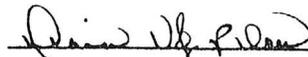
Dear Sir:

This is to notify you that Nichols Development Corporation has started crushing operations at the Copper Hills Silica Pit. We will be mining at Mineral Farms located approximately 2 miles northeast of the present Copper Hills Pit. Mineral Farms will be mined under Contractors ID# C7R.

The Copper Hills Silica Mine, MSHA ID# 0200327 is presently listed as being operated by Triple "N" Enterprises, this name should be changed to Nichols Development Corporation with the same owner, address and location as Triple "N".

If you have any questions, please feel free to contact our office.

Sincerely,


Diana VJ Plew, Secretary

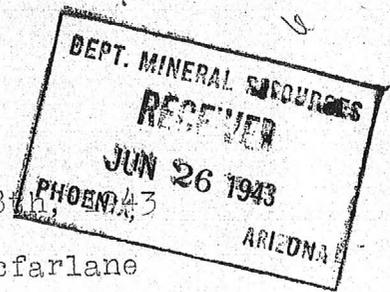
c: Mine Safety and Health Administration
Mr. Jim Lundy, Inspiration Mines Inc.

COPPER HILLS SILICA
MINERAL FARMS 1+2 + MOONLICK
(File) ✓



Nichols
and also

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine MINERAL FARMS NO. 1 &
MINERAL FARMS NO. 2 & MOONLIGHT Date June 18 1943
District WEST COPPER HILL, GLOBE, ARIZONA. Engineer A. Macfarlane
Subject: REPORT MANGANESE CLAIMS.

PROPERTY; Consists of 9 contiguous Patented Mining Claims, situated about 4 miles northerly from the Main Shaft of the Old Dominion mine and on the north toe and valley, forming the ground known as the Mineral Farms Belt.

TIN RISE Sec 10

These claims are all within Secs. 1, 12 & 13, T 1 N, Range 15 East, G. & S.R.B. & M. Gila County, Arizona.

The veins and ore exposures therein fall within the limits of the three claims heading this report, all examination notes are limited to the mineral features, found within the boundaries of these three claims.

The title to these claims were transferred by QUIT-CLAIM DEED, by T. J. Long and his wife, on 7th day of June, 1943 to G.R. Mahaffey of Globe, Arizona and Dan D. Rogers of Dallas, Texas.

ROAD; From the town of Globe via the Old Dominion Mine, thence over a recently bladed fair trucking road, serving several Manganese producing mines, that are adjoining the Mineral Farms NO. 2 all a distance of about 7 miles from the ore loading ramp of Globe switch of the S.P. railroad.

GEOLOGIC FEATURES; Uptilted Limestones of pre-cambrian pre-Algonkian period, generally forms one of the upper crusts and be resting on the Granite or granitic alterations, known locally as the Schultz - Granite and Pinal schist.

These older rocks along many fault planes, have been dislocated, crushed and altered by the latter Igneous intrusives which now form contacts, and in favorable areas for mineral deposition made by thermal solutions, following upwards the vents and fissuring, extending towards the surface.

Chief in this locality, large bodies of Diabase and Dacite found intruding the Lime beds and along the bedding planes, on the underside of the lime stratas, there are formed contact matter, Limonite, iron and manganese, spoken of as veins or stratas.

Some of these Manganese ore stratas are several feet thick and other localities nearby, may be smaller and entirely unfavorable as casing for commercial ores; ~~these~~ Uptilting of the strata to 60 or 70 degrees from off the Hztl, is noted, but most of the dips are around 30 to 50 degrees.

The general strike of these contacts is variable; It is noted in this Mineral Farms area, some of the Manganese veins take a course of N. 25 W. and others are N. 60 degrees west, nearly all veins or stratas dipping towards the northeast.

AREA ; Of the Globe Manganese mineralization is indeed quite extensive; From the northwest end of the Hetchman and Mineral Farms claims, thence following easterly and southeasterly to the old Stonewall claim a distance of about 8 miles from northwest to south east. The average width of the Manganese Belt being over 4 miles northeasterly, from the New Dominion claims to the eastern claims of the Fred Bennett group.

Approximately 32 square miles, wherein are now operating seven Manganese Producers, and many outcrops, awaiting exploration.

GRADE OF ORE ; For the past two years, or since the stockpile was established at Deming New Mexico and Phoenix, Arizona, There has been an average of four to seven carlots shipped each week of Manganese ores from this area.

Settlement sheets generally give values in Mn. ranging from 25% to 42%, the average grade being a little under 35% . The Producing Miners working steadily, have been unable to make but little over all operating and marketing costs, due to the low price payed for under 35% ore.

All shipments over 35% yeild a good profit and the under 35% ores fully cover their costs, to mine and market, as the ores are reasonably abundant and obtained at low mining cost.

ORE OCCURRENCE ; Of the Mineral Farms No.1 and No.2 group, are typical of this district; the ores are found in veins 2' to 6' wide, in irregular replacement veins, or stratas, dipping steeply under the surface, assuming the characteristics of fissures.

The vein matter is not wall frozen, distinct cleavage helps in mining the manganese and selective mining will win out the higher grade to an appreciable extent, thus affording the shipment of ores over 35% Mn, from such parts of the mineral system as contain the better grade.

Traversing the Mineral Farms claims No.1 and No.2 also the Moonlight claim are at least four Manganese veins or stratas , the course of these are generally northwest to southeast and dip to the northeast.

The croppings and surface cuts thereon, show ore widths varying between 2' to 5', there has been more than 100 tons of salable Manganese mined from these croppings recently.

The following list of samples assayed no doubt reflect approximately the grade of the surface Indicated ore shoots.

Vein and Workings sampled.		Approx Width Vein	Percent Mn.
Samp. No.1	Claim M.F.No.1 Carlot	2' Settlement	31.2 T.J.Long 5/5/43
" 2	" M.F.No.1 South vein	2'	39.05 Sorted ore
" 3	" M.F.No.1 " "	2 1/2'	28.43 General Cut
" 4	" M.F.No.1 North Vein	3'	38.69 Clean ore.
	" M.F.No.1 " "	20"	48.17 Highgrade shoot

Samp.		Width.	% Mn.
No.5	M.F.No.1 North vein	3'	36.9 cut on cropping
" 6	M.F." 1 South vein	2 1/2'	48.29 Mined and sorted
" 7	Moonlight vein	5'	31. Mined from cropping
" 8	Composite sample 4,5,6 & 7		39.3

The above samples were taken from the ore exposures where it is now intended to carry on mine exploration work.

MINE EXPLORATION ; It is now proposed to sink a shaft to an initial depth of 50' on vein called Mineral Farms No.1 North Vein, and to do upwards of 200' of drifting, together with the subsequent stoping of the ores, made available by this proposed work.

It is also desired to do a similar amount of exploration, on vein No.1 South, these are distinct veins and several hundred feet apart, but are filled with nearly the same type of ore.

Capital Required ;To accomplish 500 linear feet mine development herein proposed, it is estimated that \$7,500. to \$10,000. will be expended for this initial work.

As carlot ore shipments can at once proceed from the croppings of these veins, while the proposed exploration work is being done; about \$3,000. of the required capital will be temporarily in use, facilitating the ore movement to market.

MEASURED ORE; The present shallow cuts reaching to a depth of 10' to 20' below the croppings, considered together with hillside bold croppings, I feel it only fair to credit these claims with fully 1,000 tons of ore practically in sight.

The Indicated ore reserves should make several thousand tons, by the continuation of the visible ore shoots, and the Inferred ores, may prove these claims to contain large reserves of Manganese, the grade and extent of this, being only determined when the mine workings have reached a more advanced stage.

MACHINERY; The owner Mr Mahaffey has a Sullivan portable compressor now on the ground, with one air drill and has started to sink the North shaft. The proposed work, together with ore stoping, requires at least a two drill plant and should employ in all five or six miners.

CONCLUSION; The Mahaffey Mineral Farms group of Manganese claims herein considered, are of potential size and value: The explorations now very limited, due to the rather recent search and subsequent mining of this type of ore, as a market for Manganese from this area, is a recent accomplishment.

Manganese mining in this Globe district, is on the increase, even in face of low market for the more abundant 30% grade, as fortunately a fair proportion of the Manganese mineral makes the 35% grade; all the operating mines are yet in their prospect stage but it is gratifying to note that the values in some of the mines workings have reached 100.

have attained to the 100' depth below cropping.

It is correct to state that, Manganese mining and the production of this metal, is now the leading mining industry of the Globe area.

Signed

A. Macfarlane
Dept. Of Mineral Resources

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine MINERAL FARMS NO. 1 &
MINERAL FARMS NO. 2 & MOONLIGHT Date June 18th, 1943
District WEST COPPER HILL, GLOBE, ARIZONA Engineer A. Macfarlane
Subject: REPORT MANGANESE CLAIMS.

PROPERTY: Consists of 9 contiguous Patented Mining Claims, situated about 4 miles northerly from the Main Shaft of the Old Dominion mine and on the north toe and valley, forming the ground known as the Mineral Farms Belt.

These claims are all within Secs. 1, 12 & 13, T 1 N, Range 15 East, G. & S.R.B. & M. Gila County, Arizona.

The veins and ore exposures therein fall within the limits of the three claims heading this report, all examination notes are limited to the mineral features, found within the boundaries of these three claims.

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Signed: A. Macfarlane
Dept. of Mineral Resources

Group

MINERAL FARM GROU & MOONLIGHT

GILA COUNTY

NJN WR 4/17/87: Contacted Nichols Development (card) regarding the Mineral Farm and Moonlight (file) Gila County. A few years ago they did some silica flux mining on this property. They had hoped to produce some material that would have metal credits, but since it was mostly barren, they ceased mining operations.

NE 1/4 T. 1 N., R. 15 E.
GLOBE DIST.

Sec. 1

PAT. RF SCUE
313

VACK CONSTANCE
2618 PAT.

PAT. IRON HIVE
2278

PAT. IRON HIVE No. 2
2618

BIG IRON No. 4
2618 PAT.

PAT. BIG IRON No. 3
2618

PAT. BIG IRON No. 1
2618

PAT. BIG IRON No. 5
2418

PAT. BIG BUCK
2618

PAT. MINERAL FARM No. 5
2618 PAT.

PAT. LOS ANGELES
2618

PAT. MINERAL FARM No. 3
2618 PAT.

PAT. MINERAL FARM No. 2
2618

LITTLE JENNIE
2955 PAT.

BIG JOHNNY
434 PAT.

SILVER STAR
2324 PAT.

EASTERN STAR
2324 PAT.

HEGHTMAN
PAT.

WILL
PAT.

ROOSTER
PAT. 2302

BOWERY HILL
PAT. 2310

NINETY-SIX
PAT. 2312

PINAL
819

TON

GARRETT
PAT. 2300

WINCHELL
2300

GROCK

13

RESCUE
313 PAT.

#171
1/2 T LN R 15.5 E
Globe Dist

