



## **CONTACT INFORMATION**

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 06-29-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SAN JOAQUIN

ALTERNATE NAMES:

SANTA CRUZ COUNTY MILS NUMBER: 128B

LOCATION: TOWNSHIP 23 S RANGE 15 E SECTION 27 QUARTER S2  
LATITUDE: N 31DEG 23MIN 40SEC LONGITUDE: W 110DEG 48MIN 20SEC  
TOPO MAP NAME: NOGALES - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:  
GOLD  
LEAD  
SILVER  
VANADIUM

BIBLIOGRAPHY:  
USGS NOGALES QUAD  
ADMMR A.L. FLAGG, VANADIUM REPORTS BOOK IV  
ADMMR SAN JOAQUIN FILE

PHOENIX  
DEC 4  
7-PM  
1953  
ARIZ.



**RETURNED TO WRITER**  
Howard Pittenger  
**REASON CHECKED**  
Unclaimed \_\_\_\_\_ Refused \_\_\_\_\_  
Unknown BOX-243  
For better address \_\_\_\_\_  
Moved, Left address \_\_\_\_\_  
No such office in state \_\_\_\_\_

**RETURNED TO WRITER**  
**REASON CHECKED**  
Unclaimed \_\_\_\_\_ Refused \_\_\_\_\_  
Unknown \_\_\_\_\_  
For better address \_\_\_\_\_  
Moved, Left no address \_\_\_\_\_  
No such office in state \_\_\_\_\_

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

December 4, 1958

To the Owner or Operator of the Arizona Mining Property named below:

SAN JOAQUIN MINE (Santa Cruz Co.) vanadium, gold, lead, silver  
(Property) (ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

*Frank P Knight*

FRANK P. KNIGHT,  
Director.

Enc: Mine Owner's Report

*See Book V-IV - A.L. Flagg vanadium reports  
USBM "U" FILE REPORTS "V IN NARROW STREAKS."  
"1000' of TUNNELS."*

Dec - 15 - 1940

DEPT. MINERAL RESOURCES

RECEIVED

DEC 19 1940

PHOENIX,

ARIZONA

Mr J. S. Coufal

Dear Sir:-

Recd. your letter and blank for me to fill out  
for your reference. for those who may make  
inquiries for a property like the one I have.  
I thank you.

Yours Very Truly

Howard Pittenger

Box 243

Fogales  
ariz

June 25 - 1940

Gentleman

Dear Sir:-

If there is any questions about this property  
that you want to know about I would be glad  
to answer them if I can

Yours Truly

Howard Pittenger

Box 243

Cogales  
Ariz

MS 65  
m 844

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

DEPT. MINERAL RESOURCES  
RECEIVED  
DEC 19 1940  
PHOENIX, ARIZONA

Date Dec - 18 - 1940

- 1. Mine *San Joaquin*
- 2. Mining District & County *Patagonia mining Dist. Santa Cruz Co.*
- 3. Former name *San Joaquin*
- 4. Location *{ 12 miles northwest of Yagales Ariz, on the Washington Camp road turn off of highway at golden rose sign, that is where I*
- 5. Owner *Howard Pittenger*
- 6. Address (Owner) *{ line*
- 7. Operator *11 11*
- 8. Address (Operator) *{ Box 243 Yagales Ariz*
- 9. President *none*
- 10. Gen. Mgr. *-*
- 11. Mine Supt. *none*
- 12. Mill Supt. *-*
- 13. Principal Metals *Vanadium gold lead and silver*
- 14. Men Employed *none at present*
- 15. Production Rate
- 16. Mill: Type & Cap. *-*

17. Power: Amt. & Type

18. Operations: Present *cleaning tunnels*

19. Operations Planned *{ cleaning old tunnels & driving 2 or more tunnels*

20. Number Claims, Title, etc. *{ 4 claims, held by location, title clear & up to date. Lode claims on Coronado Forest.*

21. Description: Topography & Geography *{ this mine lies in the edge of the foot hills, elevation about 4000 ft*

22. Mine Workings: Amt. & Condition *about 350 ft. of tunnel work. 57 ft. winzes, 180 ft drifts 2 open cuts. mouth of one 200 ft tunnel caved in*

23. Geology & Mineralization

This ore is all oxide it is about 150 ft from lowest workings to water level

24. Ore: Positive & Probable, Ore Dumps, Tailings

no ore dumps or tailings to amount

to anything for all ore taken out was arrested, when I get the lower tunnel in ~~200~~ 200 ft more, I will have about 250,000 tons in back this one vein outcrops about 1200 ft, this vein is from 3 to 8 ft

24-A Vein Width, Length, Value, etc.

There is three veins on this property <sup>wide</sup> No. 1 vein carries gold, lead, & Vanadium. Values gold, 12 to 40 dollars Vanadium 2% lead 3%. The gold is free

25. Mine, Mill Equipment & Flow Sheet

none

26. Road Conditions, Route

Good road within 1800 ft of mine which can all be graded, it is possible all year round. you can come up here in new low clearance cars, come out of Nogales on patagonia highway to Santa Cruz river, turn to the right at school house go up Washington camp road about 5 miles to

27. Water Supply

golden rose sign turn to left follow road two miles to golden rose mine house, that is where I live. water for small mill in one mile, for large mill at house for domestic use. about 2 1/2 miles to Santa Cruz river. Plenty of spring water here

28. Brief History

This property & two more claims was worked for 25 years with an arvester for gold - arastra -

29. Special Problems, Reports Filed

This is a milling proposition but the ore has to be ground only from 30 to 33 mesh, it would take about 10 or 12 thousand dollars, it depends on the equipment used to put this property in operation

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

This property is for sale for \$30,000, 3,000 down balance of price & terms to be agreed upon of 10,000 cash and I hold one tenth non assessible interest.

add. to negotiator

32. Signed

Howard Pittenger

33. Use additional sheets if necessary.

Box 243

Nogales Ariz

MS-44

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date Dec. 18., 1940

- 1. Mine **San Joaquin**
- 2. Mining District & County **Patagonia Mining Dist. Santa Cruz Co.**
- 3. Former name **San Joaquin**
- 4. Location **12 miles NE of Nogales, Ariz. on the Washington Camp road turn off of highway at Golden Rose sign that is where I live.**
- 5. Owner **Howard Pittenger**
- 6. Address (Owner) **Box 243 Nogales, Arizona**
- 7. Operator " "
- 8. Address (Operator)
- 9. President
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Principal Metals **Vanadium, gold, lead, and silver**
- 14. Men Employed **None at present**
- 15. Production Rate
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 18. Operations: Present **Cleaning tunnels**
- 19. Operations Planned **Cleaning old tunnels and driving 2 or more tunnels.**
- 20. Number Claims, Title, etc. **4 claims, held by location, title clear and up to date. Lode claims on Coronado Forest.**
- 21. Description: Topography & Geography **This mine lies in the edge of the foothills elevation about 4000 ft.**
- 22. Mine Workings: Amt. & Condition **About 350 ft. of tunnel work. 57 ft. winze, 180 ft. drifts, 2 open cuts. mouth of one 200 ft. tunnel caved in.**

23. Geology & Mineralization ~~is breaks~~ all oxides, it is about 150 ft. from lowest workings to water level.

24. Ore: Positive & Probable, Ore Dumps, Tailings No ore dumps or tailings to amount to anything for all ore taken out was ~~arrested~~ <sup>arrested</sup>, when I get the lower tunnel in 200 ft. more I will have about 250,000 tons in backs, this one vein out crops about 1200 ft., this vein is from 3 to 8 ft. wide.

24-A Vein Width, Length, Value, etc. There is three veins on this property. No. 1 vein carries gold, lead, and vanadium. Values gold, \$12 to \$14 Vanadium 2% Lead 3%. The gold is free.

25. Mine, Mill Equipment & Flow Sheet None

26. Road Conditions, Route Good road within 1800 ft. of mine which can all be graded. it is passable all year around. You can come up here in new low clearance cars. Come out of Nogales on Patagonia highway to Santa Cruz River turn to the right at school house go up Washington Camp road about 5 miles to Golden Rose sign turn to left follow road 2 miles to the Golden Rose mine house, that is where I live.

27. Water Supply Water for small mill in one mile , for large mill about 2½ miles to Santa Cruz mine, Plenty of spring water here at house for domestic use.

28. Brief History This property and 2 more claims was worked for 25 years with an ~~arrest~~ <sup>arrest</sup> for gold

29. Special Problems, Reports Filed

30. Remarks This is a milling proposition but the ore has to be ground only from 30 to 33 mesh. It would take about 10 or 12 thousand dollars, it depends on the equipment used to put this property in operation

31. If property for sale: Price, terms and address to negotiate. This property is for sale for \$30,000 \$3,000 down balance of price and terms to be agreed upon or \$10,000 cash and I hold one tenth non-accessible interest.

Address to negotiate --

32. Signed..... Howard Pittenger  
Box 243

33. Use additional sheets if necessary. Nogales, Arizona.

MS-44

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 26, 1940

1. Mine San Joaquin
2. Mining District & County Patagonia Mining Dist. Santa Cruz Co.
3. Former name
4. Location 12 miles north east of Nogales, Ariz. on the Washington Camp road. Turn off of highway at Golden Rose sign, that is where I live.
5. Owner Howard Pittenger ✓
6. Address (Owner) Box 243 Nogales, Ariz.
7. Operator " "
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Vanadium, gold and lead and silver ✓
14. Men Employed One at present
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present Cleaning tunnels
19. Operations Planned Cleaning old tunnels and driving 200' more tunnel.
20. Number Claims, Title, etc. 4 claims, held by location. Title clear and up to date.
21. Description: Topography & Geography This mine lies in the ledge of the foot hills elevation about 4000 ft.
22. Mine Workings: Amt. & Condition About 350 ft. of tunnel work, 57 ft. winze, 180 ft. drifts, 2 open cuts, mouth of one 200 ft., tunnel caved in.

23. **Geology & Mineralization** This ore is all oxides, it is about 150 feet from lowest workings to water level.
24. **Ore: Positive & Probable, Ore Dumps, Tailings** No ore dumps or tailings to amount to anything for all ore taken out was arastered. When I get the lower tunnel in 200 ft. more I will have about 250,000 tons of ore in backs. This one vein out crops for about 1200 ft., this vein is from 3 to 8 ft. wide.
- 24-A **Vein Width, Length, Value, etc.** There is three veins on this one property. Will send 1930 assay map of the one vanadium gold and lead vein.
25. **Mine, Mill Equipment & Flow Sheet**
26. **Road Conditions, Route** Good road within 1800 ft. of mine which can all be graded, it is passable all year around. You can come up here in new low clearance cars. Come out of Nogales on Patagonia highway to Santa Cruz river, turn to the right at school house, go up Washington Camp road about 5 miles to Golden Rose sign turn to left follow road two miles to the Golden Rose mine house, that is where I live.
27. **Water Supply** Water for small mill in one well, for large mill about  $2\frac{1}{2}$  miles to Santa Cruz river. Plenty of spring water here at house for domestic use.
28. **Brief History** This property and 2 more claims was worked for 25 years with an araster for gold.
29. **Special Problems, Reports Filed** No reports filed.
30. **Remarks** This is a milling proposition but the ore has to be ground only from 30 to 33 mesh, it would take about 10 or 12 thousand dollars, it depends on the equipment used to put this property in operation.
31. **If property for sale: Price, terms and address to negotiate.** This property is for sale for \$30,000 #3,000 down balance of terms to be agreed upon, or \$10,000 cash and I hold one-tenth non-assessible interest.
32. **Signed**.....Howard Pittenger.....  
Box 243
33. **Use additional sheets if necessary.**

MS-44

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date June 26, 1940

- 1. Mine . San Joaquin
- 2. Mining District & County Patagonia Mining Dist..  
Santa Cruz Co.
- 3. Former name
- 4. Location 12 miles north east of  
Nogales, Ariz. on the Washington Camp  
road. Turn off of highway at Golden Rose  
sign, that is where I live.
- 5. Owner Howard Pittenger ✓
- 6. Address (Owner) Box 243  
Nogales, Ariz.
- 7. Operator " "
- 8. Address (Operator)
- 9. President
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Principal Metals Vanadium, gold and lead  
and silver ✓
- 14. Men Employed One at present
- 15. Production Rate
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 18. Operations: Present Cleaning tunnels
- 19. Operations Planned Cleaning old tunnels and driving 200' more tunnel.
- 20. Number Claims, Title, etc. 4 claims, held by location. Title clear and up to date.
- 21. Description: Topography & Geography This mine lies in the edge of the foot hills  
elevation about 4000 ft.
- 22. Mine Workings: Amt. & Condition About 350 ft. of tunnel work, 57 ft. winze,  
180 ft. drifts, 2 open cuts, mouth of one 200 ft.,  
tunnel caved in.

23. **Geology & Mineralization** This ore is all oxidized, it is about 150 feet from lowest workings to water level.
24. **Ore: Positive & Probable, Ore Dumps, Tailings** No ore dumps or tailings to amount to anything for all ore taken out was arastered. When I get the lower tunnel in 200 ft. more I will have about 250,000 tons of ore in backs. This one vein out crops for about 1200 ft., this vein is from 3 to 8 ft. wide.
- 24-A **Vein Width, Length, Value, etc.** There is three veins on this one property. Will send 1930 assay map of the one vanadium gold and lead vein.
25. **Mine, Mill Equipment & Flow Sheet**
26. **Road Conditions, Route** Good road within 1800 ft. of mine which can all be graded, it is passable all year around. You can come up here in new low clearance cars. Come out of Nogales on Patagonia highway to Santa Cruz river, turn to the right at school house, go up Washington Camp road about 5 miles to Golden Rose sign turn to left follow road two miles to the Golden Rose mine house, that is where I live.
27. **Water Supply** Water for small mill in one well, for large mill about  $2\frac{1}{2}$  miles to Santa Cruz river. Plenty of spring water here at house for domestic use.
28. **Brief History** This property and 2 more claims was worked for 25 years with an araster for gold.
29. **Special Problems, Reports Filed** No reports filed.
30. **Remarks** This is a milling proposition but the ore has to be ground only from 30 to 33 mesh, it would take about 10 or 12 thousand dollars, it depends on the equipment used to put this property in operation.
31. **If property for sale: Price, terms and address to negotiate.** This property is for sale for \$30,000 #3,000 down balance of terms to be agreed upon, or \$10,000 cash and I hold one-tenth non-assessible interest.

32. Signed.....Howard Pittenger.....  
Box 243

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
MINE OWNER'S REPORT

Date June 26 - 1940

- 1. Mine *San Joaquin*
- 3. Mining District & County *Catagonia, M. D. Santa Cruz Co.*
- 4. Former name
- 5. Owner *Howard Pittenger*
- 7. Operator *Howard Pittenger*
- 9. President, Owning Co.
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Men Employed *1 at present*
- 18. Operations: Present *cleaning tunnels*

- 2. Location *12 miles north east of Nogales ariz one the Washington camp road. turn off of high way at golden rose sign. that is where I live*
- 6. Address (Owner) *Howard Pittenger*
- 8. Address (Operator) *Box 243 Nogales ariz*
- 9A. President, Operating Co.
- 14. Principal Minerals *Vanadium gold & lead & silver*
- 15. Production Rate
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type

19. Operations: Planned *cleaning old tunnels and driving 200' shore tunnel*

20. Number Claims, Title, etc. *4 claims, held by location. title clear & up to date*

21. Description: Topography & Geography *This mine lies in the edge of the foot hills, elevation about 4000 feet.*

22. Mine Workings: Amt. & Condition *about 350 ft of tunnel work 57 foot wing, 180 foot drift 2 open cuts. mouth of one 200 ft tunnel caved in.*

23. Geology & Mineralization

The ores is all oxides, it is about 150 feet from lowest workings to water level

24. Ore: Positive & Probable, Ore Dumps, Tailings

no ore dumps or tailings to amount to anything for all ore taken out was crastered. when I get the lower tunnel in 200 feet more I will have about 250,000 tons of ore in backs. This one vein out crops for about 1200 feet, this vein is from 3 to 8 ft wide

24A. Dimensions and Value of Ore body

There is three veins on this one property will send 1930 assay map of the one Vanadium gold & lead vein.

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

good road within 1800 ft of mine which can all be graded it is passable all year round. you can come up here in new low clearance cars. come out of Nogales on Pratergonia high way to santa cruz river turn to the right at school house go up washington camp road about 5 miles

27. Water Supply

water for small mill 1/2 mile to golden rose sign turn to left follow road two miles to the golden rose mine house, that is where I have one mill about 2 1/2 miles to santa cruz river. plenty of spring water here at house for domestic use.

28. Brief History

This property & 2 more claims was work for 25 years with an araster for gold.

29. Special Problems, Reports Filed

no reports filed

30. Remarks

This is a milling proposition but there has to be ground to only ~~from~~ from 30 to 33 mesh, it would take about 10 or 12 thousand dollars, it depends on the equipment used to put this propert in oheration.

31. If property for sale: Price, terms and address to negotiate.

This property is for sale for \$30,000 3,000 down balance of terms to be agreed upon. or \$10,000 cash and I hold One tenth non reseribe interest.

32. Signature... Howard Pittenger

For Bob 243

33. Use additional sheets if necessary.

Nogales

Valuation  
 gold etc --- 20 Per of  
 silver etc --- 368 " "  
 lead P.B. 6-d Per Pound  
 Polydenum 40 x 64 Per Pound.

400' from #1 tunnel to #2 tunnel  
 #1 tunnel is 200' lower than #2 tunnel

#1 out crop  
 4'6" vein  
 22 --- 320  
 24 --- 109  
 P.B. 3.6% 3.60  
 400 2.4% 19.20  
 2609

#2 out crop  
 5'4" vein 2609  
 22 --- 320  
 24 --- 109  
 P.B. 3.6% 3.60  
 400 2.4% 19.20  
 2609

#2 tunnel  
 150' tunnel

#4 4' vein  
 22 --- 360  
 24 --- 108  
 P.B. 3.0% 3.00  
 400 2.4% 16.80  
 24.73

#6 4' vein  
 22 --- 360  
 24 --- 108  
 P.B. 3.0% 3.00  
 400 2.4% 16.80  
 24.73

#7 30' shaft  
 150' drift  
 back filled  
 at mouth

#6-4' vein  
 22 --- 12.00  
 24 --- 3.08  
 P.B. 3.0% 3.00  
 400 4.4% 35.20  
 50.28

#7-4' vein  
 22 --- 15.20  
 24 --- 1.36  
 P.B. 3.6% 3.60  
 400 2.4% 19.20  
 38.36

#3-3'-8" vein  
 22 --- 41.60  
 24 --- 168  
 P.B. 4.8% 4.80  
 400 3.2% 25.60  
 72.68

Copy of original map  
 by Waggoner, 1930.

#1 tunnel  
 Caved at mouth  
 200' tunnel

#8-8' vein  
 22 --- 489  
 24 --- 110  
 P.B. 2.4% 240  
 400 1.6% 1280  
 2019