



## **CONTACT INFORMATION**

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The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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07/16/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: PENFIELD EXTENSION

ALTERNATE NAMES:

PORHYRY, UNPAT. MS 1555  
CORNUCOPIA, PAT. MS 1555  
NEW GROUP NO. 2, MS 4530  
NEW GROUP NO. 3, MS 4530

YAVAPAI COUNTY MILS NUMBER: 687B

LOCATION: TOWNSHIP 14 N RANGE 3 E SECTION 31 QUARTER NW  
LATITUDE: N 34DEG 33MIN 31SEC LONGITUDE: W 112DEG 04MIN 22SEC  
TOPO MAP NAME: CHERRY - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD

BIBLIOGRAPHY:

USGS CHERRY QUAD  
BLM MINING DISTRICT SHEET 83  
ADMMR PENFIELD EXTENSION FILE  
CLAIMS EXTEND INTO SEC. 31



COMMODITY INFORMATION

COMMODITIES PRESENT C10 < C.U. V.A.U. >  
 ORE MINERALS C30 < GOLD >  
 COMMODITY SUBTYPES C41 < >  
 GEN. ANALYTICAL DATA C43 < >  
 COM. INFO. COMMENTS C50 < >

SIGNIFICANCE

	PRODUCER	NON-PRODUCER
MAJOR PRODUCTS MAJOR	< A.U. >	MAIN COMMODITIES PRESENT C11 < >
MINOR PRODUCTS MINOR	< C.U. V.A.U. >	MINOR COMMODITIES PRESENT C12 < >
POTENTIAL PRODUCTS POTEN	< >	
OCCURRENCES OCCUR	< >	OCCURRENCES OCCUR < >

\*PRODUCTION

	PRODUCER	NON-PRODUCER
PRODUCTION <input checked="" type="checkbox"/> (circle)	PRODUCTION SIZE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MED <input type="checkbox"/> LGE (circle one)	PRODUCTION <input type="checkbox"/> UND <input checked="" type="checkbox"/> NO (circle one)

\*STATUS

EXPLORATION OR DEVELOPMENT

	PRODUCER	NON-PRODUCER
STATUS AND ACTIVITY A20	< H >	STATUS AND ACTIVITY A20 < L >

DISCOVERER L20 < >  
 YEAR OF DISCOVERY L10 < > NATURE OF DISCOVERY L30 < B > YEAR OF FIRST PRODUCTION L40 < 1935 > YEAR OF LAST PRODUCTION L45 < 1936 >  
 PRESENT/LAST OWNER A12 < >  
 PRESENT/LAST OPERATOR A13 < ROY CORNETT >  
 EXPL./DEV.COMMENTS L110 < >

DESCRIPTION OF DEPOSIT

DEPOSIT TYPE(S) C40 < VEIN >  
 DEPOSIT FORM/SHAPE M10 < TABULAR >  
 DEPTH TO TOP M20 < > UNITS M21 < > MAXIMUM LENGTH M40 < > UNITS M41 < >  
 DEPTH TO BOTTOM M30 < > UNITS M31 < > MAXIMUM WIDTH M50 < > UNITS M51 < >  
 DEPOSIT SIZE M15 < SMALL > M15 < MEDIUM > M15 < LARGE > (circle one) MAXIMUM THICKNESS M60 < > UNITS M61 < >  
 STRIKE M70 < > DIP M80 < >  
 DIRECTION OF PLUNGE M100 < > PLUNGE M90 < >  
 DEP. DESC. COMMENTS M110 < >

DESCRIPTION OF WORKINGS

Workings are: SURFACE M120 UNDERGROUND  BOTH M140 (circle one) OVERALL LENGTH M190 < > UNITS M191 < >  
 DEPTH BELOW SURFACE M160 < > UNITS M161 < > OVERALL WIDTH M200 < > UNITS M201 < >  
 LENGTH OF WORKINGS M170 < > UNITS M171 < > OVERALL AREA M210 < > UNITS M211 < >  
 DESC. OF WORK. COM. M220 < >

GEOLOGY

\* AGE OF HOST ROCK(S) K1 < P.R.O.T. > K.11/PB ZIRCON EQUAL TO OR GREATER THAN 1740 MILLION YEARS  
 \* HOST ROCK TYPE(S) K1A < QUARTZ DIORITE >  
 \* AGE OF IGNEOUS ROCK(S) K2 < P.R.O.T. > K. AS LINE K1  
 \* IGNEOUS ROCK TYPE(S) K2A < QUARTZ DIORITE >  
 \* AGE OF MINERALIZATION K3 < P.R.O.T. > K. AS LINE K1  
 \* PERT. MINERALS (NOT ORE) K4 < QUARTZ >  
 \* ORE CONTROL/LOCUS K5 < FAULTING >  
 \* MAJ. REG. TRENDS/STRUCT. N5 < >  
 \* TECTONIC SETTING N15 < >  
 \* SIGNIFICANT LOCAL STRUCT. N70 < >  
 \* SIGNIFICANT ALTERATION N75 < NONE >  
 \* PROCESS OF CONC./ENRICH. N80 < OXIDATION AT NEAR SURFACE >  
 \* FORMATION AGE N30 < >  
 \* FORMATION NAME N30A < >  
 \* SECOND FM AGE N35 < >  
 \* SECOND FM NAME N35A < >  
 \* IGNEOUS UNIT AGE N50 < P.R.O.T. > K. AS LINE K1  
 \* IGNEOUS UNIT NAME N50A < CHERRY QUARTZ DIORITE (INFORMAL) >  
 \* SECOND IG. UNIT AGE N55 < >  
 \* SECOND IG. UNIT NAME N55A < >  
 \* GEOLOGY COMMENTS N85 < VEIN IN QUARTZ DIORITE >

GENERAL COMMENTS

GENERAL COMMENTS GEN < >

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 16, 1939

1. Mine PENFIELD EXTENSION
2. Mining District & County Cherry Mining District
3. Former name
4. Location 12 miles east from Dewey on Prescott-Camp Verde Road.
5. Owner Roy Cornett
6. Address (Owner) Dewey, Arizona
7. Operator " "
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Gold
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
- ~~17. Power: Amt. & Type~~ Confined to annual assessment work for past three years.  
Shipped two cars of ore when discovered as high as \$26.00\* per ton, but am waiting for milling facilities.
18. Operations: Present
19. Operations Planned
20. Number Claims, Title, etc. Six claims, located and worked by above owner.
21. Description: Topography & Geography Low, rounded Pre-cambrian granite hills in which veins have apparently altered surrounding wall rocks into porphyry. Deposits appear to be hypothermal, and show repeated movements and evidence of repeated deposition of ore.
22. Mine Workings: Amt. & Condition 300 feet - good condition.  
No depth lower than 60 feet on 37° incline.  
Ore at 50 feet on 50 foot ore shoot shows an average value of about \$15.00 across 24 in.

23. Geology & Mineralization See Topography and Geology.
24. Ore: Positive & Probable, Ore Dumps, Tailings Many shallow workings show values high enough for milling.
- 24-A Vein Width, Length, Value, etc.
25. Mine, Mill Equipment & Flow Sheet None.
26. Road Conditions, Route Good, workings within 200 feet of main traveled road.
27. Water Supply Water in Old Penfield Mine, but present working dry being low down in Hackberry wash. Plenty of water for domestic use at cabin on claims.
28. Brief History Present owner located claims adjoining Cornucopia patented claims, which he was examining when U.S.G.S. party revealed that the present Penfield Extension ground was open for location and not patented, as local information understood.
29. Special Problems, Reports Filed
30. Remarks Elevation 5,200 feet. Climate ideal, on south slope.
31. If property for sale: Price, terms and address to negotiate. \$5,000 payable in 5 years in 10% royalty.  
\$1,000 annually guaranteed.

32. Signed.....Roy Cornett, Dewey, Arizona.....

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 16, 1939

1. Mine **PENFIELD EXTENSION**
2. Mining District & County **Cherry Mining District**
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4. Location **12 miles east from Dewey on Prescott-Camp Verde Road.**
5. Owner **Roy Cornett**
6. Address (Owner) **Dewey, Arizona**
7. Operator " "
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals **Gold**
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
- ~~17. Power: Amt. & Type~~ **Confined to annual assessment work for past three years.**
18. Operations: Present **Shipped two cars of ore when discovered as high as \$26.00\* per ton, but am waiting for milling facilities.**
19. Operations Planned
20. Number Claims, Title, etc. **Six claims, located and worked by above owner.**
21. Description: Topography & Geography **Low, rounded Pre-cambrian granite hills in which veins have apparently altered surrounding wall rocks into porphyry. Deposits appear to be hypothermal, and show repeated movements and evidence of repeated deposition of ore.**
22. Mine Workings: Amt. & Condition **300 feet - good condition.  
No depth lower than 60 feet on 37° incline.  
Ore at 50 feet on 50 foot ore shoot shows an average value of about \$15.00 across 24 in.**

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- 24-A Vein Width, Length, Value, etc.
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32. Signed.....Roy Cornett, Dewey, Arizona.....
33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date *July 16, 1939*

Mine *PENFIELD EXTENSION*

District *CHERRY MINING DISTRICT*

Former name

Owner *ROY CORNETT*

Operator *"*

President

Mine Supt.

Principal Metals *GOLD*

Production Rate

Power: Amt. & Type

Operations: Present *Confined to annual assessment work for past three years shipped two cars ore when discovered as high as 26.00+ per ton but am waiting for milling facilities*

Operations Planned

Number Claims, Title, etc.

*Six claims, located and worked by above owner*

Description: Topog. & Geog.

*Low, rounded Pre Cambrian granite hills in which veins have apparently altered surrounding wall rocks into "porphyry". Deposits appear to be Hypothermal, and show repeated movements and evidence of repeated deposition of ore.*

Mine Workings: Amt. & Condition

*300 feet Good condition*

*No depth less than 60 feet on 37° incline*

*One at 50 feet on 50 foot ore shoot show an average value of about 15% across 24 in.*

(over)

Geology & Mineralization

See Topography and Geology

Ore: Positive & Probable, Ore Dumps, Tailings

many shallow workings where values high enough for milling.

Mine, Mill Equipment & Flow Sheet

none

Road Conditions, Route

Good, workings within 200 feet of main traveled road

Water Supply

Water in Old Penfield mine, but present working dry being low down in Hackberry wash. Plenty of water for domestic use at cabin on claims.

Brief History

Present owner located claims adjoining Carnueopia patented claims, which he was examining when U.S.S. party revealed that the present Penfield Extension ground was open for location and not patented, as local information understood

Special Problems, Reports Filed

Remarks

Elevation 5200 feet, Climate ideal, on south slope.

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

\$5000<sup>00</sup> payable in 5 years in 10% royalty \$1000<sup>00</sup> annually guaranteed.

Roy Cornett, Dewey, Arizona

Signed.....

Roy Cornett

Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 16, 1939

Mine PENFIELD EXTENSION

District Cherry Mining District

Location 12 miles east from Dewey  
on Prescott-Camp Verde Road.

Former name

Owner ✓ Roy Cornett

Address Dewey, Arizona

Operator "

Address

President

PENFIELD EXTENSION

Mine Supt.

Au ✓

Principal Metals Gold ✓

Yavapai

13 - 5

T 13 N, R 3 E

Production Rate

Roy Cornett, Dewey ✓

'39

Power: Amt. & Type

Operations: Present Confined to annual assessment work for past three years.

Shipped two cars of ore when discovered as high as  
\$26.00 † per ton, but am waiting for milling facilities.

Operations Planned

Number Claims, Title, etc. Six claims, located and worked by above owner.

Description: Topog. & Geog. Low, rounded pre-Cambrian granite hills in which veins have  
apparently altered surrounding wall rocks into porphyry. Deposits  
appear to be hypothermal, and show repeated movements and evidence of repeated  
deposition of ore.

Mine Workings: Amt. & Condition 300 feet - good condition  
No depth lower than 60 feet on 37° incline.  
Ore at 50 feet on 50 foot ore shoot shows an average value  
of about \$15.00 across 24 in.

(over)

Geology & Mineralization See Topography and Geology.

Ore: Positive & Probable, Ore Dumps, Tailings Many shallow workings show values high enough for milling.

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route Good, workings within 200 feet of main traveled road.

Water Supply Water in Old Penfield Mine, but present working dry being low down in Hackberry wash. Plenty of water for domestic use at cabin on claims.

Brief History Present owner located claims adjoining Cornucopia patented claims, which he was examining when U.S.G.S. party revealed that the present Penfield Extension ground was open for location and not patented, as local information understood.

Special Problems, Reports Filed

Remarks Elevation 5,200 feet. Climate ideal, on south slope.

If property for sale: Price, terms and address to negotiate. \$5,000 payable in 5 years in 10% royalty  
\$1,000 annually guaranteed.

ROY CORNETT, DEWEY, ARIZONA.

Signed..... ROY CORNETT

Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 16, 1939

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12. Mill Supt.
13. Principal Metals **Gold**
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
- ~~17. Power: Amt. & Type~~ **Confined to annual assessment work for past three years.**
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24-A Vein Width, Length, Value, etc.

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30. Remarks Elevation 5,200 feet. Climate ideal, on south slope.

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32. Signed.....Roy Cornett, Dewey, Arizona.....

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
OWNERS MINE REPORT

Date July 16, 1939

Mine Penfield Extension

District Cherry Mining District

Location 12 miles east from Dewey  
on Prescott-Camp Verde Road.

Former name

Owner Roy Cornett

Address Dewey, Arizona

Operator "

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present Confined to annual assessment work for past three years. Shipped two cars of ore when discovered as high as \$28. plus per ton, but am waiting for milling facilities.

Operations Planned

Number Claims, Title, etc. Six claims, located and worked by above owner.

Description: Topog. & Geog. Low, rounded Pre-Cambrian granite hills in which veins have apparently altered surrounding wall rocks into porphyry. Deposits appear to be hypothermal, and show repeated movements and evidence of repeated deposition of ore.

Mine Workings: Amt. & Condition

300 feet - good condition  
No depth lower than 60 feet on 37° incline.  
Ore at 50 feet on 50 foot ore shoot shows an average value of about \$15.00 across 24 in.

(over)

Geology & Mineralization See Topography and geology

Ore: Positive & Probable, Ore Dumps, Tailings Many shallow workings show values high enough for milling.

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route Good, workings within 200 feet of main traveled road.

Water Supply Water in Old Penfield Mine, but present working dry being low down in Hackberry wash. Plenty of water for domestic use at cabin on claim.

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Special Problems, Reports Filed

Remarks Elevation 5,200 feet. Climate ideal, on south slope.

If property for sale: Price, terms and address to negotiate. \$5,000 payable in 5 years in 10% royalty \$1,000 annually guaranteed.

Roy Cornett, Dewey, Arizona.

Signed..... Roy Cornett

Use additional sheets if necessary.



**REASON CHECKED**  
Unclaimed  Refused.....  
Unknown  .....  
For better address.....  
Moved, Left no address.....  
At such office in state.....

PHOENIX, ARIZ.  
JUL 9  
7-PM  
1958

RECEIVED  
AUG 6 - 1958  
DEPT. MINERAL RESOURCES  
PHOENIX, ARIZONA

Mr. Roy Cornett

~~Dewey~~

~~Aguila, Arizona~~

~~Henderson~~

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

July 9, 1958

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

<u>Penfield Extension Mine (Yavapai Mine)</u>	<u>Gold</u>
(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

2 September 1941

Mr. Roy Cornett,  
Dewey, Arizona.

My dear Mr. Cornett:

The Arizona Development Company,  
Mr. Harry Culver, Heard Building, Phoenix, Arizona,  
has requested a copy of the report on your property,  
which we have furnished him.

We hope that you will hear from Mr.  
Culver further.

Yours Very truly,

Charles F. Willis  
Chairman, Board of Governors

CFW-jrf

*Penfield Ex*

MP-8 PENFIELD EXTENSION M Roy Cornett, Dewey, Ariz.

Copy of Mine Owners Report covering property listed with the  
Department of Mineral Resources has been furnished to -

J. A. Fults, 126½ N. Ave. 50, Los Angeles, Calif.

DEPARTMENT OF MINERAL RESOURCES  
J. S. COUPAL, Director

May 27, 1957

PENFIELD EXT.

YAVAPI COUNTY

No information on this property.

MARK GERRILL