



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

03/14/88

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: PILGRIM

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 824B

LOCATION: TOWNSHIP 10 N RANGE 1 W SECTION 27 QUARTER SE
LATITUDE: N 34DEG 10MIN 27SEC LONGITUDE: W 112DEG 20MIN 32SEC
TOPO MAP NAME: CROWN KING - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
COPPER

BIBLIOGRAPHY:

BLM MINING DISTRICT SHEET 213
ADMMR PILGRIM FILE

See: ORO BELLE GROUP & GREY EAGLE GROUP (file)

NAME OF MINE: PILGRIM (Clarebelle)		COUNTY: YAVAPAI
		DISTRICT:
		METALS: AU
OPERATOR AND ADDRESS:		MINE STATUS Cu, Ag, SiO ₂
DATE:		DATE:
5/1/44	C. H. Manley, Crown King	5/1/44 Developing
		5/31/44 <i>Developing + shipping</i>
		6/27/44 Shipping
		1/46 Idle
<i>T 9 1/2 N R 1 W</i>		
<i>10</i>		

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

CMR

ORO Belle
Mine Ore Bell, Pilgram Claim,

Date Nov. 28th 1944

District Crown King

Engineer A. C. Nebeker

Subject: Report on present operations.

DEPT. MINERAL RESOURCES
RECEIVED
DEC 6 1944
PHOENIX ARIZONA

This property is under lease to Mr C. H. Manly of Crown King

Three men are employed and are under the directions of Vic Carlson.

The Pilgram claim has been prospected by three tunnels driven in on the course of the vein. The present work is being done in the middle tunnel which is in 400 feet, and the ore is being stoped between the middle tunnel and the upper tunnel.

The vein has a thickness of 6 inches to 3 feet and is a quartz-pyrite ore carrying good values in gold. By the mining method used with sorting the grade of ore shipped runs from \$50 to \$100 per ton.

The vein makes as ~~hematite~~ lenses in a fractured zone having ~~marble~~ a schist hanging wall and a granite porphyry foot wall.

The strike of the vein is N 10 W and has a dip of 50 west with a northwest rake on the vein.

The present operator is making a car of ore in about six weeks and ships to Clakedale Smelter.

The property is located $6\frac{1}{2}$ miles south of Crown King and the road is good but rather steep in two short spots, about half of the road was covered with snow and chains was necessary on ones car.

There are plenty of houses at the mine so the men can stay right on the property which they are doing.

A. C. Nebeker

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PILGRIM

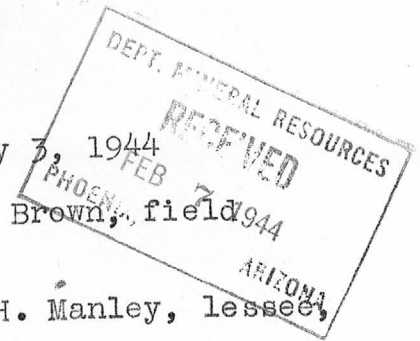
Date February 3, 1944

District Tiger Mining District
Yavapai County

Engineer B. W. Brown, field 1944

Subject:

Preliminary examination of PILGRIM MINE for C. H. Manley, lessee,
address Crown King, Ariz.



Near the periphery of the central granitic core of the Bradshaw uplift about three miles in a South by Southeasterly direction from the little mountain community of Crown King lies the Oro Belle and Grey Eagle group of patented mining claims at an elevation of slightly over one mile. These holdings are now owned by the Barröd Mining Co., address 65 Williams St., N.Y.; N.Y.. From this group a single claim, the Pilgrim claim, has been leased to R&E Garity of Crown King, Ariz. and was ultimately subleased to C. H. Manley, also of Crown King. It is concerning this one claim only that the following preliminary investigation has been made and this report written.

The Pilgrim mine is readily reached by a good mountain road from the Tiger mine. This road affords good haulage except for brief periods during the winter months when the road is hampered by heavy snows. At the time of my visit to the property the mine was in operation and ore was being mined for shipment to the Clarkdale smelter. Two men were working the property with hand-steel and it was my understanding that these men had embarked upon a gentleman's agreement whereby they participated in the net earnings of the mine. It was also understood that the mine was prospering in a modest way as a financial venture. I was impressed by the economics of this operation in that it appeared to be a tribute to good management and a testimony to the ancient and honorable system of functioning capitalism

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PILGRIM

Date

District

Engineer B. W. Brown

Subject: Continued

The Pilgrim workings are extended by three adits on the Grey Eagle vein or a closely paralleling vein. The lowest of the three tunnels is badly caved and was inaccessible for examination. The upper two tunnels are sketched on the map herewith attached to this report. They are in active operation. The backs increase markedly in the advance of these two tunnels which are approaching ^{a point under} the crown of the contour -- it is estimated that with another hundred feet of advance the backs will again decrease. These three tunnels enter the south slope of the Pilgrim contour. A fourth tunnel reported to be on the north slope was not visited. A shallow shaft was also reported to enter the vein on the crown of the hill. This was not visited.

Records on the early operations of the Pilgrim are mostly in oral history. It is locally said that the mine produced some exceedingly high grade ore at sporadic intervals in the early years of operation. There is a much better record of recent workings.

On December 31, 1942 Mr. C. H. Manley shipped a car of fluxing ore to the Clarkdale smelter having the following assay value:

Au	-----	1.66	oz
Ag	-----	2.70	oz
Cu	-----	.64	%
Zn	-----	.10	%
Fe	-----	13.20	%
CaO	-----	1.60	%
SiO ₂	-----	55.90	%
Al ₂ O ₃	-----	7.40	%
S	-----	12.60	%

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PILGRIM

Date

District

Engineer B. W. Brown

Subject: Continued

On March 2, 1943 thirty tons having the following values were shipped to Clarkdale:

Au -----	5.73 oz	
Ag -----	7.69 oz	
Cu -----	.80 %	Reported to have been shipped from the winze 20 ft outside from sta. 7, upper level (designated HG --Cf. Map)
Zn -----	.10 %	
Fe -----	28.70 %	
CaO -----	1.00 %	
SiO2 -----	27.80 %	
Al2O3 -----	4.6 %	
S -----	31.7 %	

An average of two car shipments to Clarkdale made on Sept 9, 1943 and Dec 23, 1943 shows an approximate average value as follows :

Au -----	1.07 oz
Ag -----	1.10 oz
Cu -----	.22 %
Zn -----	.15 %
Fe -----	13.35 %
CaO -----	5.85 %
SiO2 -----	44.5 %
Al2O3 -----	8.35 %
S -----	10.3 %

The values which are chiefly in gold occur intimately associated with finely crystalline iron pyrites in a gangue of quartz. There is a little chalcopyrite present. Where the vein is strongly fractured in folding, the siliceous ore is enclosed in a casing of schistose gouge. This type of encased ore may be seen where the vein rolls from a westerly dip of about 55 degrees into a steeper pitch of about 69 degrees in dip to the west. The better grade ore ranges in thickness from 10 to 30 inches.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PILGRIM

Date

District

Engineer B. W. Brown

Subject: Continued

However, in the brecciated zones there is low grade ore up to five feet in width that may be sorted to shipping grade.

The Pilgrim vein strikes in a North-Northeasterly direction through a belt of highly metamorphosed sedimentary schist. Although the workings display schist or gouge more often as the hanging wall, it is believed that the Pilgrim vein structure is bounded by dioritic walls. There is probably a structural relationship between the Pilgrim mineralization and the grano-diorite of Wasson peak.

Other than a 100 ton-two chute ore bin, track laid to the face of the middle drift, some track in the other two drifts, and an improved road from Oro Belle to the mine, there are no ^{further} ~~other~~ fixed assets. There is no water developed on the property and water for mining is hauled from the Oro Belle. There are no provisions for housing workmen on the Pilgrim claim itself, but the men occupy the Oro Belle camp and act in part as caretakers thereof in following the terms of the lease. There is no timber on the Pilgrim claim of mining grade. Electric power is close at hand should it ever be needed. The high line to the Oro Belle mine passes within a few hundred feet of the Pilgrim workings.

In conclusion, and insofar as the face of the lower drift disclosed at the time of examination a vein of from 10 inches to 12 inches of good ore, the following development program is recommended:

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PILGRIM

Date

District

Engineer B. W. Brown

Subject: Continued

The raise between stations G and F on the lower level (Cf. Map) should be broken through immediately to establish positive ventilation. Two good rounds in continuance of this raise should establish connection. The lower drift should be advanced on the vein and a raise should be started at a point about 30 feet ahead of station H .


B. W. Brown - Field

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Pilgrim

Date February 3, 1944

District Tiger Mining District
Yavapai County

Engineer B. W. Brown, Field

Subject: Preliminary examination of PILGRIM MINE for C. H. Manley, lessee, address Crown King, Ariz.

Near the periphery of the central granitic core of the Bradshaw uplift about three miles in a South by Southeasterly direction from the little mountain community of Crown King lies the Oro Belle and Grey Eagle group of patented mining claims at an elevation of slightly over one mile. These holdings are now owned by the Barrod Mining Co., address 65 Williams St., N. Y., N. Y. From this group a single claim, the Pilgrim claim, has been leased to R & E Garity of Crown King, Arizona and was ultimately subleased to C. H. Manley, also of Crown King. It is concerning this one claim only that the following preliminary investigation has been made and this report written,

The Pilgrim mine is readily reached by a good mountain road from the Tiger Mine. This road affords good haulage except for brief periods during the winter months when the road is hampered by heavy snows. At the time of my visit to the property the mine was in operation and ore was being mined for shipment to the Clarkdale smelter. Two men were working the property with hand-steel and it was my understanding that these men had embarked upon a gentlemen's agreement whereby they participated in the net earnings of the mine. It was also understood that the mine was prospering in a modest way as a financial venture. I was impressed by the economics of this operation in that it appeared to be a tribute to good management and a testimony to the ancient and honorable system of functioning capitalism.

The Pilgrim workings are extended by three adits on the Grey Eagle vein or a closely paralleling vein. The lowest of the three tunnels is badly caved and was inaccessible for examination. The upper two tunnels are sketched on the map herewith attached to this report. They are in active operation. The backs increase markedly in the advance of these two tunnels which are approaching a point under the crown of the contour--it is estimated that with another hundred feet of advance the backs will again decrease. These three tunnels enter the south slope of the Pilgrim contour. A fourth tunnel reported to be on the north slope was not visited. A shallow shaft was also reported to enter the vein on the crown of the hill. This was not visited.

Records on the early operations of the Pilgrim are mostly in oral history. It is locally said that the mine produced some exceedingly high grade ore at sporadic intervals in the early years of operation. There is a much better record of recent workings.

On December 31, 1942 Mr. C. H. Manley shipped a car of fluxing ore to the Clarkdale smelter having the following assay value:

Au	-----	1.66 oz.
Ag	-----	2.70 oz.
Cu	-----	.64 %
Zn	-----	.10 %
Fe	-----	13.20 %
CaO	-----	1.60 %
SiO ₂	-----	55.90%
Al ₂ O ₃	-----	7.40%
S	-----	12.60%

On March 2, 1943 thirty tons having the following values were shipped to Clarkdale:

Au	-----	5.73 oz	
Ag	-----	7.69 oz	
Cu	-----	.80 %	
Zn	-----	.10 %	
Fe	-----	28.70 %	Reported to have been
CaO	-----	1.00 %	shipped from the winze
SiO ₂	-----	27.80 %	20 ft. outside from sta.
Al ₂ O ₃	-----	4.6 %	7, upper level
S	-----	31.7 %	(designated HG--Cf. Map)

An average of two car shipments to Clarkdale made on Sept 9, 1943 and Dec 23, 1943 shows an approximate average value as follows:

Au	-----	1.07 oz
Ag	-----	1.10 oz
Cu	-----	.22 %
Zn	-----	.15 %
Fe	-----	13.35 %
CaO	-----	5.85 %
SiO ₂	-----	44.5 %
Al ₂ O ₃	-----	8.35 %
S	-----	10.3 %

The values which are chiefly in gold occur intimately associated with finely crystalline iron pyrites in a gangue of quartz. There is a little chalcopyrite present. Where the vein is strongly fractured in folding, the siliceous ore is enclosed in a casing of schistose gouge. This type of encased ore may be seen where the vein rolls from a westerly dip of about 55 degrees into a steeper pitch of about 69 degrees in a dip to the west. The better grade of ore ranges in thickness from 10 to 30 inches. However, in the brecciated zones there is low grade ore up to five feet in width that may be sorted to shipping grade.

The Pilgrim vein strikes in a North-Northeasterly direction through a belt of highly metamorphosed sedimentary schist. Although the workings display schist or gouge more often as the hanging wall, it is believed that the Pilgrim vein structure is bounded by dioritic walls. There is probably a structural relationship between the Pilgrim mineralization and the granodiorite of Wasson peak.

Other than a 100 ton-two chute ore bin, track laid to the face of the middle drift, some track in the other two drifts, and an improved road from Oro Belle to the mine, there are no further fixed assets. There is no water developed on the property and water for mining is hauled from the Oro Belle. There are no provisions for housing workmen on the Pilgrim claim itself, but the men occupy the Oro Belle camp and act in part as caretakers thereof in following the terms of the lease. There is no timber on the Pilgrim claim of mining grade. Electric power is close at hand should it ever be needed. The high line to the Oro Belle mine passes within a few hundred feet of the Pilgrim workings.

In conclusion, and insofar as the face of the lower drift disclosed at the time of examination a vein from 10 to 12 inches of good ore, the following development program is recommended: The raise between stations G and F on the lower level (Cf. Map) should be broken through immediately to establish positive ventilation. Two good rounds in continuance of this raise should establish connection. The lower drift should be advanced on the vein and a raise should be started at a point about 30 feet ahead of station H.

PILGRIM

YAVAPAI COUNTY

NJN WR 1/31/86: In the company of James Bond visited and sampled the dumps of the Pilgrim (f) and Oro Belle (f), both in Yavapai County. The sample locations, descriptions and results will be added to the files.

MINE - Oro Belle and Pilgrim
COUNTY - Yavapai

DATE 1/30/86
ENGINEER - NJN

SAMPLE #	Au oz/ton	Ag oz/ton	LOCATION & DESCRIPTION
28110	.05	nil	Oro Belle - Oro Bonito dump at 5600', composite of 1" minus material from top of dump
28111	nil	nil	Oro Belle - Grey Eagle vein 48" across vein structure, underground, 25' south of portal, qtz hematite and limonite stained
28112	.035	nil	Oro Belle - Grey Eagle vein, 4th level dump sample, 1" minus
28113	.072	.17	Oro Belle - minus 1/2" grab from SE area of main Cleveland dump includes limonite stained and "mud" material
28114	.192	.26	Pilgrim - lower ore chute, material all oxidized
28115	.268	.67	Pilgrim - upper dump, select vein and sulfide material
28116	.232	.28	Pilgrim - lower dump, 4' vertical cut, fine oxidized material

Mine Visit Report

Mine - Oro Belle (f) and Pilgrim (f)
County - Yavapai

Date - 1/30/86
Engineer - N. J. Niemuth

In the company of James Bond of West Virginia a visit was made to the Oro Belle Mine area with the purpose of reviewing the above properties for possible lease by Mr. Bond. Thus a one day reconnaissance was made to examine the dumps, tailings, and/or workings of the Oro Bonito, Pilgrim, and Grey Eagle veins.

Current access roads of the property are in need of repair. We were forced to walk from Forest Road 192 to the various workings. It would only take some blade work to widen them enough to be driven.

The tailings in the mill area were deposited in the creek. Erosion has now removed all but a few tons.

The Oro Bonito vein structure is west of the Grey Eagle vein as shown on the attached map. From the main creek 3 dumps can be seen to the south. The lower 2 were visited and the middle one (elevation 6500') sampled (#28110). The dump material consisted mostly of quartz vein and schist material mostly oxidized, but some sulfides were seen. They were pyrite, arsenopyrite, sparse galena and chalcopyrite. Total tonnage of the dumps is difficult to estimate due to the 2-1 slopes, but is likely in excess of 5,000 tons. No open adits were seen at the lower 2 levels.

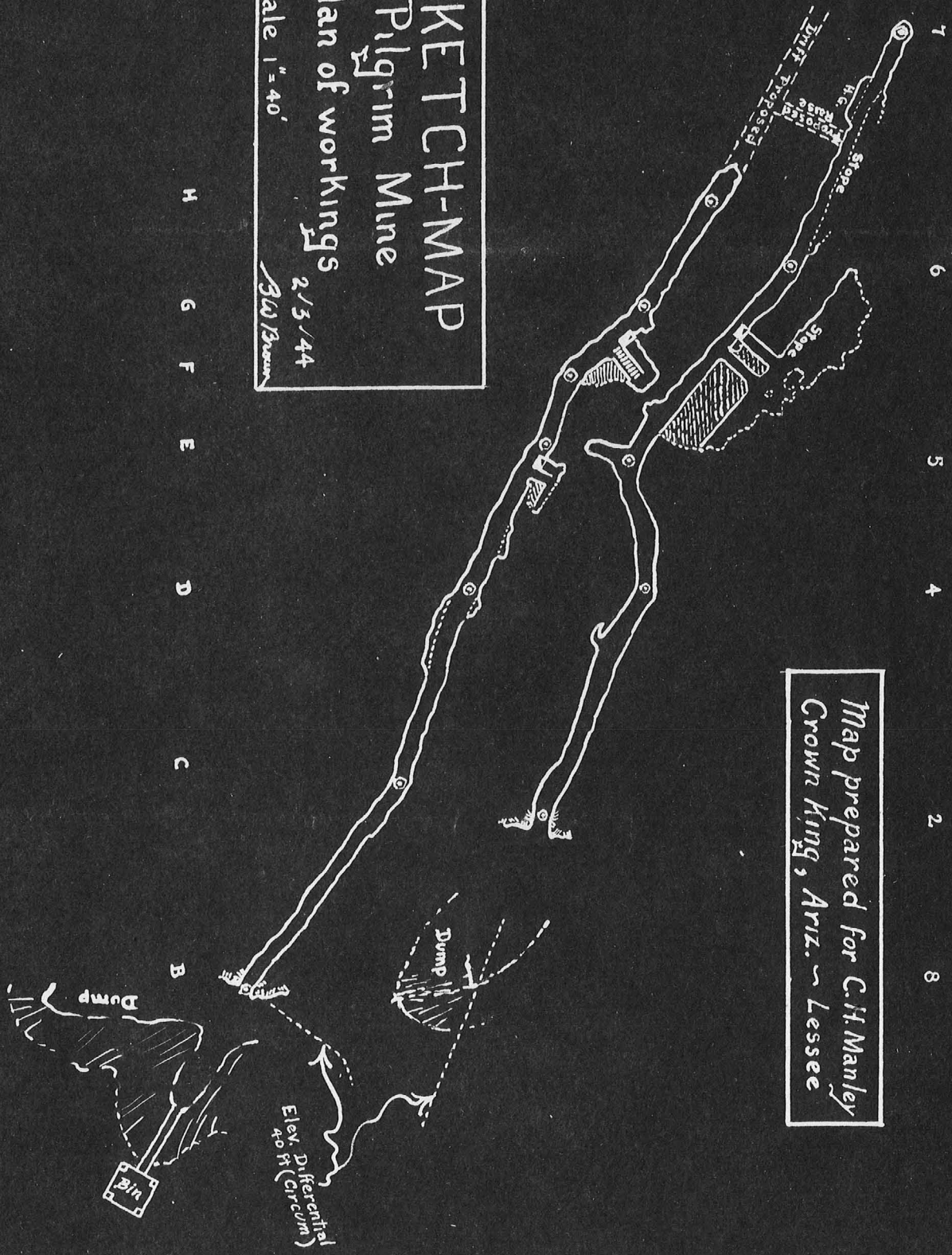
The Grey Eagle vein structure has a large dump (+100 x100 x50d ft.estimated) at the site of the Cleveland shaft and at least 3 more dumps on the slope to the south. Samples were taken of the main dump (#28113), underground on the level above the dump (#28111), and from the 4th level dump (#28112). See the attached sample sheet for description of the samples. The level that was open is caved 118' south of the portal. This caved area was bad ground when last mined as evidenced by the amount of cribbing and lagging present. The vein on this level goes from 10' wide and sheared near the portal to pinching 40'south. From there to the caved area there is a large amount of slickenslides from faulting and fissuring.

Although not shown on the Crown King topo map there are three dumps and presumably three drifts at the Pilgrim mine. I have added their locations to the attached map. The three dumps are estimated to total over 5,000 tons. Additionally there is a ore bin at the lower dump which contains some material. Samples were taken from the bin as well as from the upper and lower dumps (28114-6). At two of the drifts the wooden portal timbers were visible and it appeared the portals could be easily reopened with a little work. Vein material here was similar to that at the

Oro Bonito and Grey Eagle except for siderite being more common and pyrite cementing fractures in the vein and schist material.

Pilgrim (f)

SKETCH-MAP
Pilgrim Mine
Plan of workings
 Scale 1" = 40'
 2/3/44
 S.W. Brown



Map prepared for C.H. Manley
 Crown King, Ariz. - Lessee

SKETCH-MAP
 Pilgrim Mine
 Plan of workings
 2/3/44
 Scale 1" = 40'
 B.W. Brown

Map prepared for C.H. Manley
 Crown King, Ariz. - Lessee

