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PRINTED: 06-19-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: COPPER BASIN

ALTERNATE NAMES:

DAVIS BASIN

WILLAMETTE GROUP

GRAHAM COUNTY MILS NUMBER: 70

LOCATION: TOWNSHIP 5 S RANGE 19 E SECTION 10 QUARTER C  
LATITUDE: N 33DEG 00MIN 47SEC LONGITUDE: W 110DEG 23MIN 16SEC  
TOPO MAP NAME: SAN CARLOS RESERVOIR - 15 MIN

CURRENT STATUS: UNKNOWN

COMMODITY:

COPPER

GOLD

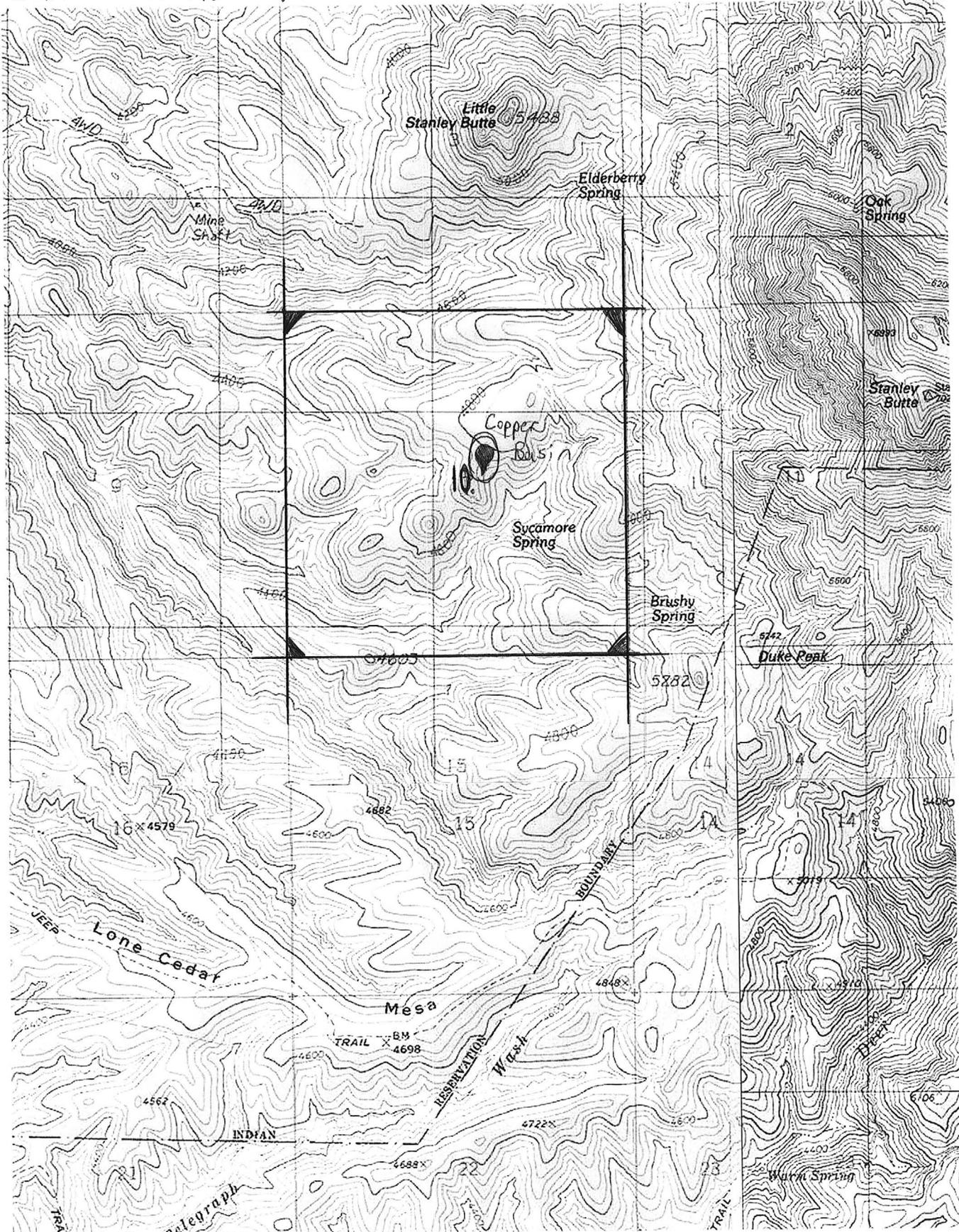
SILVER

BIBLIOGRAPHY:

ADMMR FILES

ADMMR COPPER BASIN GROUP FILE

# San Carlos Reservoir - 15 min



N 33 00' 47" W 110 23' 16"

Copper Basin

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Date September 1942

Mine COPPER BASIN GROUP

Engineer FRED H. PERKINS

District STANLEY BUTTE MINING DISTRICT

Location Stanley Butte Mining District

Former name Copper Basin No. 1 and No. 2

L. K. Davis Group of

Copper Claims

Owner L. K. Davis

Address Ajo, Arizona

Operator Not operating now

Address

President None

Gen. Mgr.

Mine Supt. None

Mill Supt.

Principal Metals Copper, Gold and Silver

Men Employed.

Production Rate Not producing now

Mill: Type & Cap.

Power: Amt. & Type None

Operations: Present Seeking a preliminary development loan

Operations Planned Unwatering, timbering and making accessible the 60' shaft on Copper Basin No. 1 claim. Sampling and assaying all ore showing on this ground; some trail and road work.

Number Claims, Title, etc. There are 2 claims unpatented:

- Copper Basin #1
- Copper Basin #2

Description: Topog. & Geog. These two claims are made up of a banded formation composed of sandstone, porphyry, schale; conglomerate and andesite. This formation generally runs east and west and is cut by a strong cross vein about 5 feet wide, running North and South and up the side of Stanley Butte.

Mine Workings: Amt. & Condition There are two shafts; one is 20' and the other 60' deep; also two 10' drifts or openings.

**Geology & Mineralization** This lode is on the side of the St. Mary Butte, which is steep, and covered with timber. The vein runs up and down the Butte and cuts across bands of porphyry, conglomerate, schale and andesite.

**Ore: Positive & Probable, Ore Dumps, Tailings** Ore taken out of the 60' shaft, together with the dump has been washed down Davis Gulch.

**Mine, Mill Equipment & Flow Sheet** There is no equipment on the grounds.

**Road Conditions, Route** There is a passable road from San Carlos Dam to Fritz Wolf's ranch, 19 miles, and the claims are about three quarters of a mile from the Wolf ranch. This last stretch is a rough trail and would need working.

**Water Supply** The water supply is ample for a moderate sized operation, the year around.

**Brief History** Mr. L. K. Davis' two uncles have had this ground located for 20 years.

**Special Problems, Reports Filed** A road to present highway is a problem. 19 miles is built but has had no upkeep and three quarters of a mile of new road is necessary to be built.

**Remarks** The ore showing in the 60' shaft is good and sulphide from the surface. A grab sample ran 9% copper.

**If property for sale: Price, terms and address to negotiate.** If the owner could get a Preliminary Development Loan I feel sure he would not consider selling at a reasonable price, at least.

Attached to this report is a sketch and report by owner which is a fairly accurate report and is as good a report as I could make with the present knowledge I have of it.

Signed.....

*Fred A. Perkins*

Use additional sheets if necessary. Separate sheets on each problem.

COPPER BASIN #1 and #2.

I believe the property to be of unusual size and merit and that it warrants the allowing of a Preliminary Development Loan.



FRED H. PERKINS

Field Engineer

COPPER BASIN #1 and #2

A twenty foot shaft was sunk on the east side of the cross vein, near a point of limestone which juts onto the claim from the big lime hill to the northeast, and small amounts of high grade chalcopryrite was encountered in this shaft. This small shaft is approximately 150 feet diagonally across the mineralized zone from the main shaft described above. Two open cuts were run into the east bank of the gulch at a point about 150 feet north of the main shaft which showed seams of high grade chalcopryrite. An open cut was run in the shale dike about 350 feet south of the main shaft which showed some sulphides and opened up a small spring of water. Just south of the shale, along the course of the cross vein, is a large dike of river-bed conglomerate some 200 feet wide which is sharply cut off on the south by a dike of bluish-gray fine-grained porphyry. This porphyry shows fine specks of iron and copper sulphides. The conglomerate material is also heavily iron-stained and shows some sulphides.

On Copper Basin No. 2, the south end of which runs into the shoulder of Mt. Stanley, open cuts in a large porphyry dike shows strong mineralization on the north end of this claim. High upon the shoulder of the mountain this claim is cut diagonally by andesite, another conglomerate dike and rhyolite.

These two claims are a part of what was once known as the Davis Group, which were originally cloated when the Stanley strip was cut off the Indian Reservation about 1900. The group at that time consisted of twelve claims laying across the basin from north to south and extending east and west of the present Copper Basin claims. A development company was organized about 1905 by two uncles of the present owner, both of whom have long since passed away. A tunnel was run into the mountain at a point about 600 feet west of the northwest corner of Copper Basin No. 2 to a depth of approximately 800 feet, in an attempt to cut the upper conglomerate and porphyry dikes in that area. Lack of sufficient funds resulted in the failure of this company to develop any paying ore.

In the early days of the district considerable amounts of high grade chalcocite boulders, some weighing as much as 200 pounds, were found in the vicinity of the upper conglomerate dike. The locator of the old Friend mine, adjoining this group on the west at that time, shipped some twelve tons of this chalcocite ore from surface workings, which gave him returns from the El Paso smelter of about \$112.00 a ton, in copper, gold and silver values.

All of the south portion of this basin, which would include some two hundred acres, is heavily timbered with pine and some mountain oak. There are several springs in the basin which would provide camp water the year around. It is believed that development work on these springs would provide sufficient water for a small or medium sized mill.

The writer believes that indications on Copper Basin No. 1 point to a possible development of a large body of a good grade of milling ore in the main shaft. The plan of development in mind would be to continue sinking in the main shaft to a depth of two hundred feet and then crosscut the mineralized zone toward the limestone on the east, a distance of some 80 or 100 feet, with reasonable expectation of encountering milling ore of about 4% across the entire distance, at that depth.

I believe the property to be of unusual size and merit and that it warrant the allowing of a Preliminary Development Loan.

Signed:  
Fred H. Perkins  
Field Engineer

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine COPPER BASIN #1 and #2

Date August 1942

District Stanley Butte Mining District  
Graham County  
Subject: "C" Loan Application

Engineer Fred H. Perkins

Owner: L. K. Davis

Address: Box 575, Ajo, Arizona

Sketch: By Owner

BRIEF REPORT

This group of claims consists of two claims lying end to end, north to south, across what is locally known as Davis Basin, and is on a continuation of the cross vein from the Willamette Group.

The location of the group, in relation to the Stanley road, is as follows: Copper Basin No. 1 is approximately three-quarters of a mile south of the road at a point on Black Strap where the road turns to the east; and approximately three-quarters of a mile westerly from the road at a point in Garden Gulch at the mouth of Lewis canyon. This point is also the site of the old Stanley townsite and now the residence of Fritz Wolf, owner of the Willamette Group.

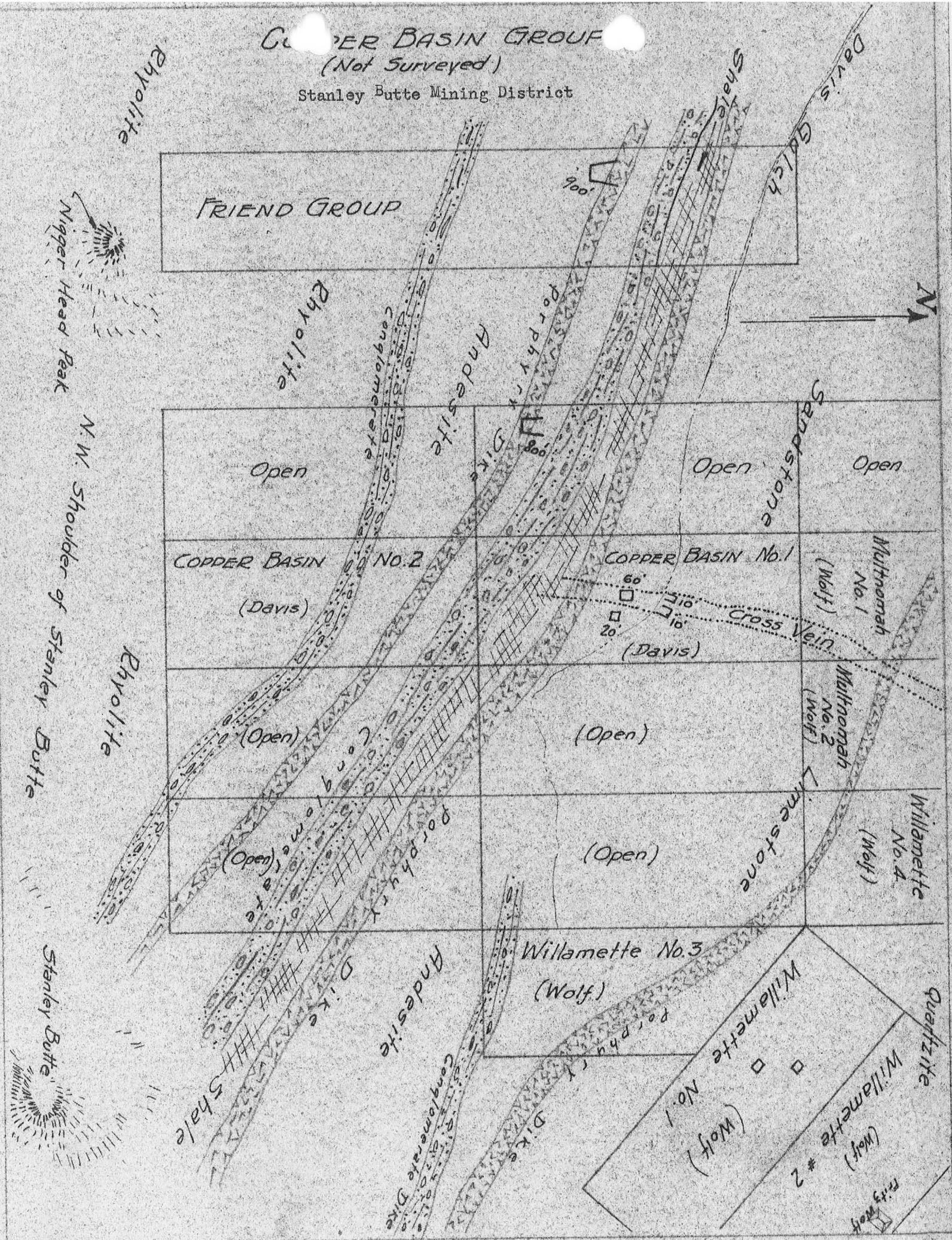
On the north end of Copper Basin No. 1, the formation is limestone and sandstone; the sandstone altered in some areas to quartzite. Near the center of this claim it is cut diagonally by large dikes of - in order from north to south - porphyry, shale, conglomerate, porphyry and andesite. The wide mineralization of the cross vein, which first appears on Black Strap running south through the Willamette Group and through the center of the Copper Basin claims, appears on Copper Basin No. 1 to consist of a fine grained quartz-porphry material heavily stained with iron. Chalcopyrite ore shows in various surface cuts. Very little carbonate ores are seen on this claim.

The principal development work on these claims is a 60 foot shaft sunk on the cross vein in the center of Copper Basin No. 1. This shaft is almost perpendicular, dipping slightly to the west, and is located on the bank of a gulch near the lowest point in the basin, which is several hundred feet lower than the average surrounding area. Sulphide ores are followed from the surface. Chalcopyrite ore near the surface assayed approximately 8% copper, \$1.00 gold and one to three ounces silver. Bornite began to appear in the shaft at about thirty feet. Water began to make at twenty feet, and at fifty feet required almost constant bailing out. Water now stands within ten feet of the collar of the shaft.

The bottom of this shaft is now in ore that runs around 4% copper, chalcopyrite and bornite, and less than a dollar in gold and silver. The copper ores are disseminated throughout the vein material. Indications are that the width of the ore at that point is considerably greater than the width of the shaft.

# COPPER BASIN GROUP (Not Surveyed)

Stanley Butte Mining District



## COPPER BASIN #1 and #2

A twenty foot shaft was sunk on the east side of the cross vein, near a point of limestone which juts onto the claim from the big lime hill to the northeast, and small amounts of high grade chalcopryrite was encountered in this shaft. This small shaft is approximately 150 feet diagonally across the mineralized zone from the main shaft described above. Two open cuts were run into the east bank of the gulch at a point about 150 feet north of the main shaft which showed seams of high grade chalcopryrite. An open cut was run in the shale dike about 350 feet south of the main shaft which showed some sulphides and opened up a small spring of water. Just south of the shale, along the course of the cross vein, is a large dike of river-bed conglomerate some 200 feet wide which is sharply cut off on the south by a dike of bluish-gray fine-grained porphyry. This porphyry shows fine specks of iron and copper sulphides. The conglomerate material is also heavily iron-stained and shows some sulphides.

On Copper Basin No. 2, the south end of which runs into the shoulder of Mt. Stanley, open cuts in a large porphyry dike shows strong mineralization on the north end of this claim. High upon the shoulder of the mountain this claim is cut diagonally by andesite, another conglomerate dike and rhyolite.

These two claims are a part of what was once known as the Davis Group, which were originally cloated when the Stanley strip was cut off the Indian Reservation about 1900. The group at that time consisted of twelve claims laying across the basin from north to south and extending east and west of the present Copper Basin claims. A development company was organized about 1905 by two uncles of the present owner, both of whom have long since passed away. A tunnel was run into the mountain at a point about 600 feet west of the northwest corner of Copper Basin No. 2 to a depth of approximately 800 feet, in an attempt to cut the upper conglomerate and porphyry dikes in that area. Lack of sufficient funds resulted in the failure of this company to develop any paying ore.

In the early days of the district considerable amounts of high grade chalcocite boulders, some weighing as much as 200 pounds, were found in the vicinity of the upper conglomerate dike. The locator of the old Friend mine, adjoining this group on the west at that time, shipped some twelve tons of this chalcocite ore from surface workings, which gave him returns from the El Paso smelter of about \$112.00 a ton, in copper, gold and silver values.

All of the south portion of this basin, which would include some two hundred acres, is heavily timbered with pine and some mountain oak. There are several springs in the basin which would provide camp water the year around. It is believed that development work on these springs would provide sufficient water for a small or medium sized mill.

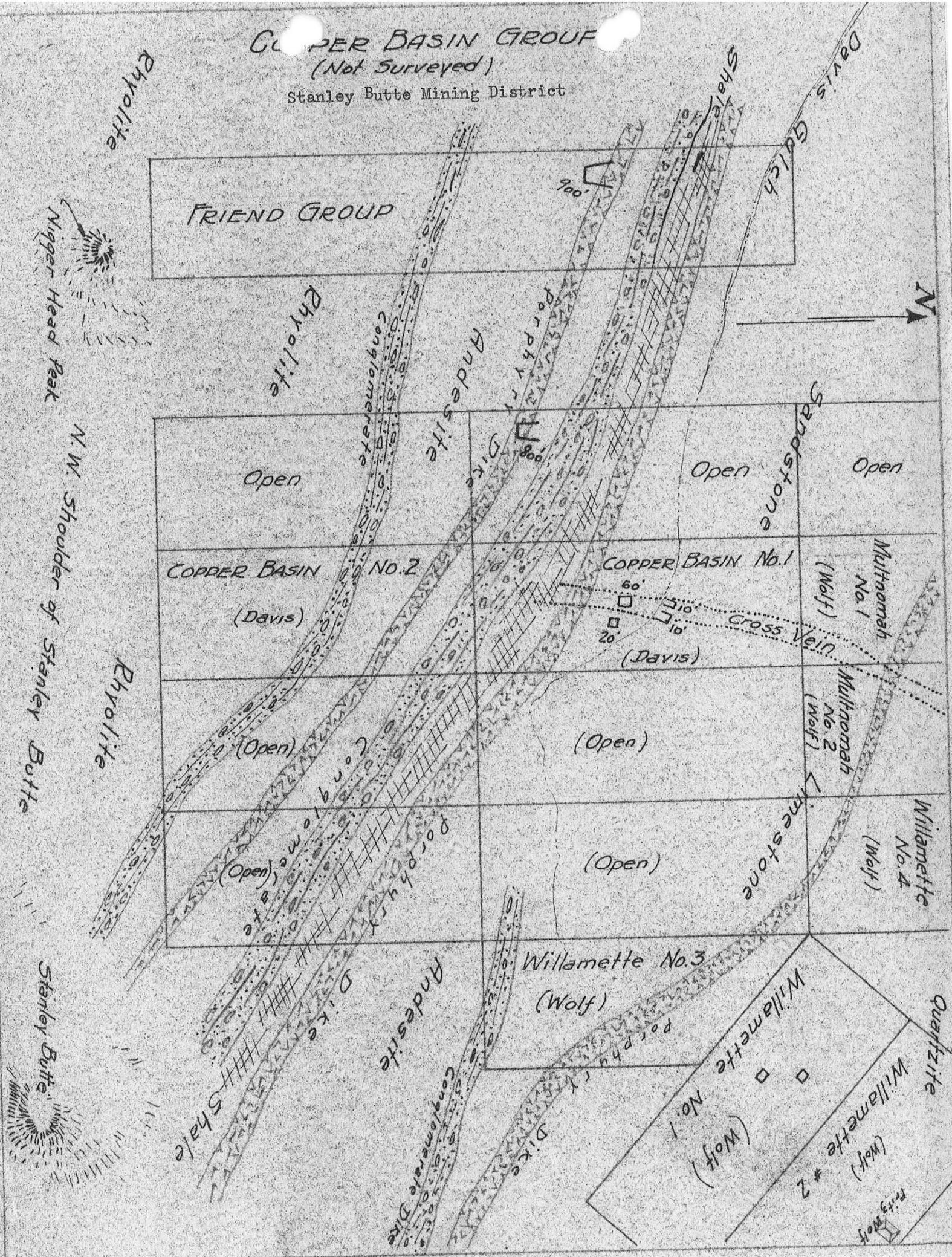
The writer believes that indications on Copper Basin No. 1 point to a possible development of a large body of a good grade of milling ore in the main shaft. The plan of development in mind would be to continue sinking in the main shaft to a depth of two hundred feet and then crosscut the mineralized zone toward the limestone on the east, a distance of some 80 or 100 feet, with reasonable expectation of encountering milling ore of about 4% across the entire distance, at that depth.

I believe the property to be of unusual size and merit and that it warrant the allowing of a Preliminary Development Loan.

Signed:  
Fred H. Perkins  
Field Engineer

# COPPER BASIN GROUP (Not Surveyed)

Stanley Butte Mining District



COPPER BASIN #1 & #2

October 13, 1942

Stanley Butte Mining District

Earl F. Hastings

Reconstruction Finance Corporation ✓  
Preliminary Development Loan

*Dec 2 + 3 55, 1942*

Docket No.

C-ND-Phx 40

Date Application Received

September 16, 1942

Date of Field Examination

August, 1942

Date of Report

October 13, 1942

1. Name and address of applicant (correspondent):

L. K. Davis, Box 575, Ajo, Arizona.

2. Character of project and estimated cost thereof:

Unwater and retimber working shaft and sample same - \$5,000.

3. Location of property:

Stanley Buttes Mining District, Graham County, Arizona.

4. Applicant's interest in or ownership of property:

Applicant is sole owner.

5. Loan requested:

\$5,000.

6. Loan recommended:

\$5,000.

7. Comments:

(A) This property is undeveloped and has not had a shipping record of consequence. Adjacent properties likewise lack development to any great depth and cannot be used as a guide to anticipated ore conditions at depth on the Copper Basin Group.

(B) Fred H. Perkins, Field Engineer for the Department of Mineral Resources reports conditions similar to those claimed by applicant and states, "I believe the property to be of unusual size and merit." This opinion was based principally upon surface showings and examination of the ore which had been removed from underground workings. The area in general is well mineralized and offers interesting development possibilities. These possibilities are of sufficient significance that this loan can be recommended in spite of the limited amount of work heretofore performed on the Copper Basin. No immediate production from the property can be anticipated and private capital is not available for development of the area to the production stage. The unwatering and subsequent developments, if justified following examination, with government funds would open a new productive area which otherwise will remain dormant.

(C) Improvement of the Stanley road to State Highway 70 is under favorable consideration and will improve accessibility of the entire area.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Assistant Director  
and Projects Engineer

A General Description of the Copper Basin Group of Mining Claims

In Stanley Butte Mining District, Graham County, Arizona

L. K. Davis, owner by location

This group of claims consists of two claims laying end to end, north to south, across what is locally known as Davis Basin, and is on a continuation of the cross vein from the Willamette Group, joining the Multnomah No. 1 on its south end line.

The location of the group, in relation to the Stanley road, is as follows: Copper Basin No. 1 is approximately three quarters of a mile south of the road at a point on Black Strap where the road turns to the east; and approximately three-quarters of a mile westerly from the road at a point in Garden Gulch at the mouth of Lewis canyon. This point is also the site of old Stanley townsite and now the residence of Fritz Wolf, owner of the Willamette Group.

On the north end of Copper Basin No. 1 ( the north claim of the group) the formation is limestone and sandstone, the sandstone altered in some areas to quartzite. Near the center of this claim it is cut diagonally by large dikes of -- in order from north to south -- porphyry, shale, conglomerate, porphyry and andesite. The wide mineralization of the cross vein, which first appears on Black Strap running south through the Willamette Group and through the center of the Copper Basin claims, appears on Copper Basin No. 1 to consist of a fine grained quartz-porphyry material heavily stained with iron. Chalcopyrite ore shows in various surface cuts. Very little carbonate ores are seen on this claim.

The principal development work on these claims is a 60 foot shaft sunk on the cross vein in the center of Copper Basin No. 1. This shaft is almost perpendicular, dipping slightly to the west, and is located on the bank of a gulch near the lowest point in the basin, which is several hundred feet lower than the average surrounding area. Sulphide ores are followed from the surface. Chalcopyrite ore near the surface assayed approximately 8% copper, \$1.00 gold and one to three ounces silver. Bornite began to appear in the shaft at about thirty feet. Water began to make at twenty feet, and at fifty feet required almost constant bailing out. Water now stands within ten feet of the collar of shaft.

The bottom of this shaft is now in ore that runs around 4% copper, chalcopyrite and bornite, and less than a dollar in gold and silver. The copper ores are deseminated throughout the vein material. Indications are that the width of the ore at that point is considerably greater than the width of the shaft.

A twenty foot shaft was sunk on the east side of the cross vein, near a point of limestone which juts onto the claim from the big lime hill to the northeast, and small amounts of high grade chalcopyrite was encountered in this shaft. This small shaft is approximately 150 feet diagonally across the mineralized zone from the main shaft described above. Two opencuts were run into the east bank of the gulch at a point about 150 feet north of the main shaft which showed seams of high grade chalcopyrite. An opencut was run in the shale dike about 350 feet south of the main shaft which showed some sulphides and opened up a small spring of water.. Just south of the shale, along the course of the cross vein, is a large dike of river-bed conglomerate some 200 feet wide which is sharply cut off on the south by a dike of bluish-grey, fine-grained porphyry. This porphyry shows fine specks of iron and copper sulphides. The conglomerate material is also heavily iron-stained and shows some sulphides.

On Copper Basin No. 2, the south end of which runs into the shoulder of Mt. Stanley, opencuts in a large porphyry dike shows strong mineralization on the north end of this claim. High up on the shoulder of the mountain this claim is cut diagonally by andesite another conglomerate dike and rhyolite. Considerable specularite outcrops are noted between the upper conglomerate and the rhyolite, all heavily stained with copper carbonates. No work has been done in this area.

These two claims are a part of what was once known as the Davis Group, which were originally located when the Stanley strip was cut off the Indian Reservation about 1900. The group at that time consisted of twelve claims laying across the basin from north to south and extending east and west of the present Copper Basin claims. A development company was organized about 1905 by two uncles of the present owner, both of whom have long since passed away. A tunnel was run into the mountain at a point about 600 feet west of the northwest corner of Copper Basin No. 2, to a depth of approximately 800 feet. in an attempt to cut the upper conglomerate and porphyry dikes in that area. Lack of competent technical advise, as well as a lack of sufficient funds, resulted in the failure of this company to develop any paying ore.

In the early days of the district considerable amounts of high grade chalcocite boulders, some weighing as much as 200 lbs., were found in the vicinity of the upper conglomerate dike. The locator of the old Friend mine, adjoining this group on the west at that time, shipped some twelve tons of this chalcocite ore from surface workings which gave him returns from the El Paso smelter of about \$112.00 a ton, in copper, gold and silver values. Owners of the Friend mine have since driven tunnels into the mountain along the same general plan as the Davis tunnel and with the same object, but failed to reach their objective due to lack of funds.

At the present time all of the old Davis group, except the two claims described herein, is open ground. At least six more claims of desirable ground in this area adjoining the Copper Basin group may be located. All of the south portion of this basin, which would include some two hundred acres, is heavily timbered with pine and some mountain oak. There are several springs in the basin which would provide camp water the year round. It is believed that development work on these springs would provide sufficient water for a small or medium sized mill.

The owner believes that indications on Copper Basin No. 1 point to a possible development of a large body of a good grade of milling ore in the main shaft. The plan of development in mind would be to continue sinking in the main shaft to a depth of two hundred feet and then crosscut the mineralized zone toward the limestone on the east, a distance of some 80 or 100 feet, with reasonable expectation of encountering milling ore of about 4% across the entire distance, at that depth... While the present owner has no engineer's report on this property, he has been advised by old-timers in the district that engineers who have looked at this ground have expressed opinions that large bodies of good ore should be encountered with further sinking of the main shaft.

These claims may be included in a consolidation of the Willamette and Black Strap groups to form a larger body of ground which would justify close investigation for any company or private concern who are interested in developing a new copper-producing district. Or these same groups may be consolidated for the purpose of securing R F C loan for further development, or each group may be handled separately.

The owner of Copper Basin claims would be interested in practically any deal, on very reasonable terms, to develop this property.

( Signed )

L. K. Davis

Box 575  
Ajo, Arizona

COPPER BASIN #1 and #2

August 1942

Stanley Butte Mining District  
Graham County  
"C" Loan Application

Fred H. Perkins

Owner: L. K. Davis

Address: Box 575, Ajo, Arizona

Sketch: By Owner

BRIEF                      REPORT

This group of claims consists of two claims lying end to end, north to south, across what is locally known as Davis Basin, and is on a continuation of the cross vein from the Willamette Group.

The location of the group, in relation to the Stanley road, is as follows: Copper Basin No. 1 is approximately three-quarters of a mile south of the road at a point on Black Strap where the road turns to the east; and approximately three-quarters of a mile westerly from the road at a point in Garden Gulch at the mouth of Lewis canyon. This point is also the site of the old Stanley townsite and now the residence of Fritz Wolf, owner of the Willamette Group.

On the north end of Copper Basin No. 1, the formation is limestone and sandstone; the sandstone altered in some areas to quartzite. Near the center of this claim it is cut diagonally by large dikes of - in order from north to south - porphyry, shale, conglomerate, porphyry and andesite. The wide mineralization of the cross vein, which first appears on Black Strap running south through the Willamette Group and through the center of the Copper Basin claims, appears on Copper Basin No. 1 to consist of a fine grained quartz-porphry material heavily stained with iron. Chalcopyrite ore shows in various surface cuts. Very little carbonate ores are seen on this claim.

The principal development work on these claims is a 60 foot shaft sunk on the cross vein in the center of Copper Basin No. 1. This shaft is almost perpendicular, dipping slightly to the west, and is located on the bank of a gulch near the lowest point in the basin, which is several hundred feet lower than the average surrounding area. Sulphide ores are followed from the surface. Chalcopyrite ore near the surface assayed approximately 8% copper, \$2.00 gold and one to three ounces silver. Bornite began to appear in the shaft at about thirty feet. Water began to make at twenty feet, and at fifty feet required almost constant bailing out. Water now stands within ten feet of the collar of the shaft.

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I believe the property to be of unusual size and merit and that it warrant the allowing of a Preliminary Development Loan.

Signed:

Fred H. Perkins  
Field Engineer

**DEPARTMENT OF MINERAL RESOURCES**  
**STATE OF ARIZONA**  
**FIELD ENGINEERS REPORT**

Mine COPPER BASIN #1 and #2

Date August 1942

District Stanley Butte Mining District  
Graham County

Engineer FRED H. PERKINS

Subject: "C" Loan Application

Owner: L. K. DAVIS

Address: Box 575, Ajo, Arizona

Sketch: By Owner

B R I E F R E P O R T

This group of claims consists of two claims lying end to end, north to south, across what is locally known as Davis Basin, and is on a continuation of the cross vein from the Willamette Group.

The location of the group, in relation to the Stanley road, is as follows: Copper Basin No. 1 is approximately three-quarters of a mile south of the road at a point on Black Strap where the road turns to the east; and approximately three-quarters of a mile westerly from the road at a point in Garden Gulch at the mouth of Lewis canyon. This point is also the site of the old Stanley townsite and now the residence of Fritz Wolf, owner of the Willamette Group.

On the north end of Copper Basin No. 1, the formation is limestone and sandstone; the sandstone altered in some areas to quartzite. Near the center of this claim it is cut diagonally by large dikes of - in order from north to south - porphyry, shale, conglomerate, porphyry and andesite. The wide mineralization of the cross vein, which first appears on Black Strap running south through the Willamette Group and through the center of the Copper Basin claims, appears on Copper Basin No. 1 to consist of a fine grained quartz-porphyry material heavily stained with iron. Chalcopyrite ore shows in various surface cuts. Very little carbonate ores are seen on this claim.

The principal development work on these claims is a 60 foot shaft sunk on the cross vein in the center of Copper Basin No. 1. This shaft is almost perpendicular, dipping slightly to the west, and is located on the bank of a gulch near the lowest point in the basin, which is several hundred feet lower than the average surrounding area. Sulphide ores are followed from the surface. Chalcopyrite ore near the surface assayed approximately 8% copper, \$1.00 gold and one to three ounces silver. Bornite began to appear in the shaft at about thirty feet. Water began to make at twenty feet, and at fifty feet required almost constant bailing out. Water now stands within ten feet of the collar of the shaft.

The bottom of this shaft is now in ore that runs around 4% copper, chalcopyrite and bornite, and less than a dollar in gold and silver. The copper ores are disseminated throughout the vein material. Indications are that the width of the ore at that point is considerably greater than the width of the shaft.

COPPER BASIN #1 and #2

A twenty foot shaft was sunk on the east side of the cross vein, near a point of limestone which juts onto the claim from the big lime hill to the northeast, and small amounts of high grade chalcopryite was encountered in this shaft. This small shaft is approximately 150 feet diagonally across the mineralized zone from the main shaft described above. Two open cuts were run into the east bank of the gulch at a point about 150 feet north of the main shaft which showed seams of high grade chalcopryite. An open cut was run in the shale dike about 350 feet south of the main shaft which showed some sulphides and opened up a small spring of water. Just south of the shale, along the course of the cross vein, is a large dike of river-bed conglomerate some 200 feet wide which is sharply cut off on the south by a dike of bluish-grey, fine-grained porphyry. This porphyry shows fine specks of iron and copper sulphides. The conglomerate material is also heavily iron-stained and shows some sulphides.

On Copper Basin No. 2, the south end of which runs into the shoulder of Mt. Stanley, open cuts in a large porphyry dike shows strong mineralization on the north end of this claim. High up on the shoulder of the mountain this claim is cut diagonally by andesite, another conglomerate dike and rhyolite.

These two claims are a part of what was once known as the Davis Group, which were originally located when the Stanley strip was cut off the Indian Reservation about 1900. The group at that time consisted of twelve claims laying across the basin from north to south and extending east and west of the present Copper Basin claims. A development company was organized about 1905 by two uncles of the present owner, both of whom have long since passed away. A tunnel was run into the mountain at a point about 600 feet west of the northwest corner of Copper Basin No. 2, to a depth of approximately 800 feet, in an attempt to cut the upper conglomerate and porphyry dikes in that area. Lack of sufficient funds resulted in the failure of this company to develop any paying ore.

In the early days of the district considerable amounts of high grade chalcocite boulders, some weighing as much as 200 pounds, were found in the vicinity of the upper conglomerate dike. The locator of the old Friend mine, adjoining this group on the west at that time, shipped some twelve tons of this chalcocite ore from surface workings, which gave him returns from the El Paso smelter of about \$112.00 a ton, in copper, gold and silver values.

All of the south portion of this basin, which would include some two hundred acres, is heavily timbered with pine and some mountain oak. There are several springs in the basin which would provide camp water the year around. It is believed that development work on these springs would provide sufficient water for a small or medium sized mill.

The writer believes that indications on Copper Basin No. 1 point to a possible development of a large body of a good grade of milling ore in the main shaft. The plan of development in mind would be to continue sinking in the main shaft to a depth of two hundred feet and then cross-cut the mineralized zone toward the limestone on the east, a distance of some 80 or 100 feet, with reasonable expectation of encountering milling ore of about 4% across the entire distance, at that depth.

MEMORANDUM TO A. C. NEBEKER and  
FRED C. PERKINS

FROM: J. S. COUPAL

"C" Loan Application  
Copper Basin No. 1 and 2  
Stanley District  
Graham County  
L. E. Davis, Ajo - Owner

We have an application for a preliminary development loan on this property which we are holding up due to insufficient information.

A. C. Nebeker reported on the adjoining property, the Starlight, and Fred C. Perkins was in the district recently.

If possible - we wish a brief statement from each - as to the possibilities of these claims and their qualification for recommendation for loan.

The applicant states there is a shallow shaft, 55 feet deep - where good commercial copper ore occurs in the bottom. If the surface indications in the immediate vicinity of the shaft are favorable it might be possible to recommend the loan.

Please make statement - if you are sufficiently informed as to the property - so that we may reconsider this application.

J. S. COUPAL

WINKLEMAN 8/20

Please look up initials & a <sup>series</sup> of a man  
named Davis of age - who submitted maps  
& reports on property in Stanley Butte district.  
also write him & ask him to name day of  
road work - when he can meet Fred Perkins,  
at Terminal Hotel, Globe (if convenient for  
Davis) to look over properties in that  
district & also get data on proposed road  
from Annapolis & Klondyke.  
Ask Davis to advise Perkins direct at  
early date.

J. Campbell

8/27/42  
JWC

P. O. Box 575  
Ajo, Arizona  
July 12, 1942

Mr. J. S. Coupal, Director  
Department of Mineral Resources  
Phoenix, Arizona

Dear Mr. Coupal:

With reference to my letter of June 24, 1942, relative to Stanley Butte Mining District, I am enclosing herewith:

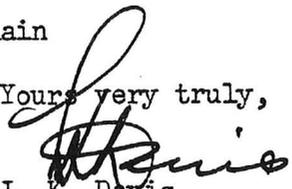
- (1) 2 copies of General Description of Copper Basin Group  
2 copies of maps of this group  
2 copies of maps of Stanley Butte Mining District.
- (2) 2 copies of General Description of Willamette Group  
2 copies of maps of this group.
- (3) 2 copies of General Description of Black Strap Group  
2 copies of maps of this group.
- (4) 2 copies of General Description of Black Rock Group  
2 copies of maps of this group  
2 copies of maps of north section of Stanley Butte Mining District.

One copy of the above named enclosures are for your file, and one for your district engineer.

At any time that it is convenient for your engineer to make this trip I shall be glad to accompany him. I would again like to urge that he plan to spend at least two days in the district.

With best personal regards, I remain

Yours very truly,

  
L. K. Davis

July 15, 1942

Mr. L. K. Davis  
P. O. Box 575  
Ajo, Arizona

Dear Mr. Davis:

I beg to acknowledge receipt of your letter of July 12 with the two copies each of the four enclosures mentioned. I am placing one set in our files and am forwarding the other to Fred H. Perkins, Box 229, Globe, for his files and I am asking him to keep in mind a trip to the Stanley Butte Mining District and suggesting to him that he ~~plan~~ <sup>plan</sup> to spend two days and advise you just when he can make the trip so that you two can make it together.

Thanking you for your attention to this, I am

Yours very truly,

J. S. Coupal, Director

JSC:LP

CC: Fred H. Perkins

August 12, 1942

Mr. L. K. Davis  
Box 575  
Ajo, Arizona

Dear Mr. Davis:

Mr. Fred H. Perkins, field engineer in the western district, will be able to visit your property in the Stanley Butte District sometime next week.

Will you correspond directly with Mr. Perkins at the Terminal Hotel, Globe, and advise him as to the exact date which would meet with your convenience in this examination.

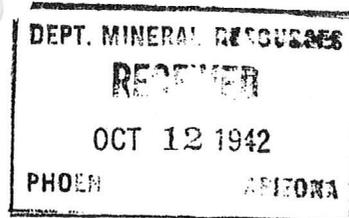
Very truly yours,

Earl F. Hastings, Assistant Director  
and Projects Engineer

EFH:LP

CC: Mr. Fred H. Perkins

October 10, 1942



MEMORANDUM

To: J. S. COUPAL

From FRED H. PERKINS

REPORT - COPPER BASIN #1 and #2  
STANLEY BUTTE MINING DISTRICT

Also "C" Loan Application

JH

I wanted to include in my Field Engineer Report (long form) most of the features as written up by the owner, Mr. L. K. Davis, on his Copper Basin #1 and #2. And, in addition, wanted to say what he could not, the paragraph on the last page. "I believe this property of unusual size and merit and that it warrents the allowing of a Preliminary Development Loan."

I have three more properties to visit to clear up the Group 1 of mines. Carlota, Troy and 79.

I have returned to your office eleven reports, to date, on the Increase Production Survey.

October 7, 1942

MEMORANDUM

REPORT COPPER BASIN #1 and #2  
Stanley Butte District  
"C" Loan Application

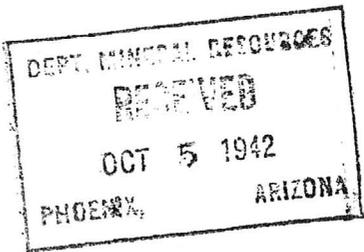
TO: Fred H. Perkins

FROM: J. S. Coupal

We have received the application for L. K. Davis on this property. In looking over your report and also a report submitted by L. K. Davis and which has the typed notice on it (Signed: L. K. Davis) I note that the wording on both reports are practically the same.

If both reports are submitted along with the application it may cause some confusion in the minds of the RFC office in Washington. I am interested in who wrote the original and would like to know whether the original was your report or whether you included in your report the features written up in the report by L. K. Davis.

MEMO:



Oct 4th, 1942 .

"G" Loan Application  
Copper Basin NO 1 and 2  
Stanley District.

*Handwritten initials/signature*  
JSC

To J. S. Coupal

From A. C. Nebeker.

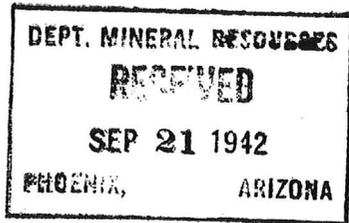
I have not had the opportunity of examining or see<sup>ing</sup> the above mine.

I have been over the Starlight Mine which is in the Stanley District near the head of Kelley Wash.

I have seen some very nice ore from the Starlight side of the district and the Geology is good for replacement deposits of both lead and copper ores. There has been shipped from the district many hundred tons of ore.

There is no reason why prospecting and developing wont bring to the front other ore deposits.

*Handwritten signature: A. C. Nebeker*



Globe, Arizona  
September 18th, 1942

C  
O  
P  
Y

Mr. L. K. Davis  
Postoffice Box 575  
Ajo, Arizona

My dear Davis:

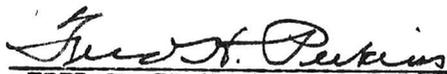
I have your letter of September 11th at hand and I hasten to answer. I am sorry I did not make myself plain regarding the sending of your application for a Government Loan to the Phoenix office of the R. F. C. instead of to Washington. I meant to convey the idea the Phoenix R.F.C. Engineers would send the application to the Department of Mineral Resources in Phoenix for a checking, after receiving same.

I hope if not too late, our office will send it to its proper destination instead of sending it back to you for a return to Phoenix R.F.C. Engineer's office in that city.

Let's hope your application is clear enough so it will be accepted. There is no doubt in my mind the property should be allowed a loan.

Yours truly,

cc:  
Director of Department of Mineral Resources  
413 Home Builders Building  
Phoenix, Arizona

  
FRED H. PERKINS  
Field Engineer

September 14, 1942

Mr. W. B. Gohring  
325 Heard Building  
Phoenix, Arizona

Dear Mr. Gohring:

Enclosed is a preliminary development loan application by L. K. Davis of Ajo, Arizona. Mr. Davis is of the opinion that these applications were initiated by this office and sent it directly to us.

We are forwarding it to you that it may proceed in the usual channels.

Very truly yours,

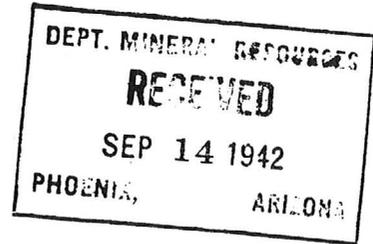
Earl F. Hastings, Assistant Director  
and Projects Engineer

EFH:hal

Enclosure

*File*

*Frank Davis*



P. O. Box 575  
Ajo, Arizona  
September 11, 1942

Mr. J. S. Coupal, Director  
Department of Mineral Resources  
Homebuilders Building  
Phoenix, Arizona

Dear Mr. Coupal:

Enclosed herewith you will find my application for a Preliminary Development Loan on my Copper Basin Claims in Graham County.

I was advised by Mr. Perkins that applications for the preliminary loan was handled by your office. If there are any omissions or errors in this application will you kindly point them out to me so that I may correct them as speedily as possible.

Thanking you for any consideration you may give me in this matter, I am

Yours very truly,

A handwritten signature in cursive script, appearing to read "L. K. Davis".

L. K. Davis

LKD:d

## COPPER BASIN #1 and #2

A twenty foot shaft was sunk on the east side of the cross vein, near a point of limestone which juts onto the claim from the big lime hill to the northeast, and small amounts of high grade chalcopryrite was encountered in this shaft. This small shaft is approximately 150 feet diagonally across the mineralized zone from the main shaft described above. Two open cuts were run into the east bank of the gulch at a point about 150 feet north of the main shaft which showed seams of high grade chalcopryrite. An open cut was run in the shale dike about 350 feet south of the main shaft which showed some sulphides and opened up a small spring of water. Just south of the shale, along the course of the cross vein, is a large dike of river-bed conglomerate some 200 feet wide which is sharply cut off on the south by a dike of bluish-gray fine-grained porphyry. This porphyry shows fine specks of iron and copper sulphides. The conglomerate material is also heavily iron-stained and shows some sulphides.

On Copper Basin No. 2, the south end of which runs into the shoulder of Mt. Stanley, open cuts in a large porphyry dike shows strong mineralization on the north end of this claim. High upon the shoulder of the mountain this claim is cut diagonally by andesite, another conglomerate dike and rhyolite.

These two claims are a part of what was once known as the Davis Group, which were originally cloated when the Stanley strip was cut off the Indian Reservation about 1900. The group at that time consisted of twelve claims laying across the basin from north to south and extending east and west of the present Copper Basin claims. A development company was organized about 1905 by two uncles of the present owner, both of whom have long since passed away. A tunnel was run into the mountain at a point about 600 feet west of the northwest corner of Copper Basin No. 2 to a depth of approximately 800 feet, in an attempt to cut the upper conglomerate and porphyry dikes in that area. Lack of sufficient funds resulted in the failure of this company to develop any paying ore.

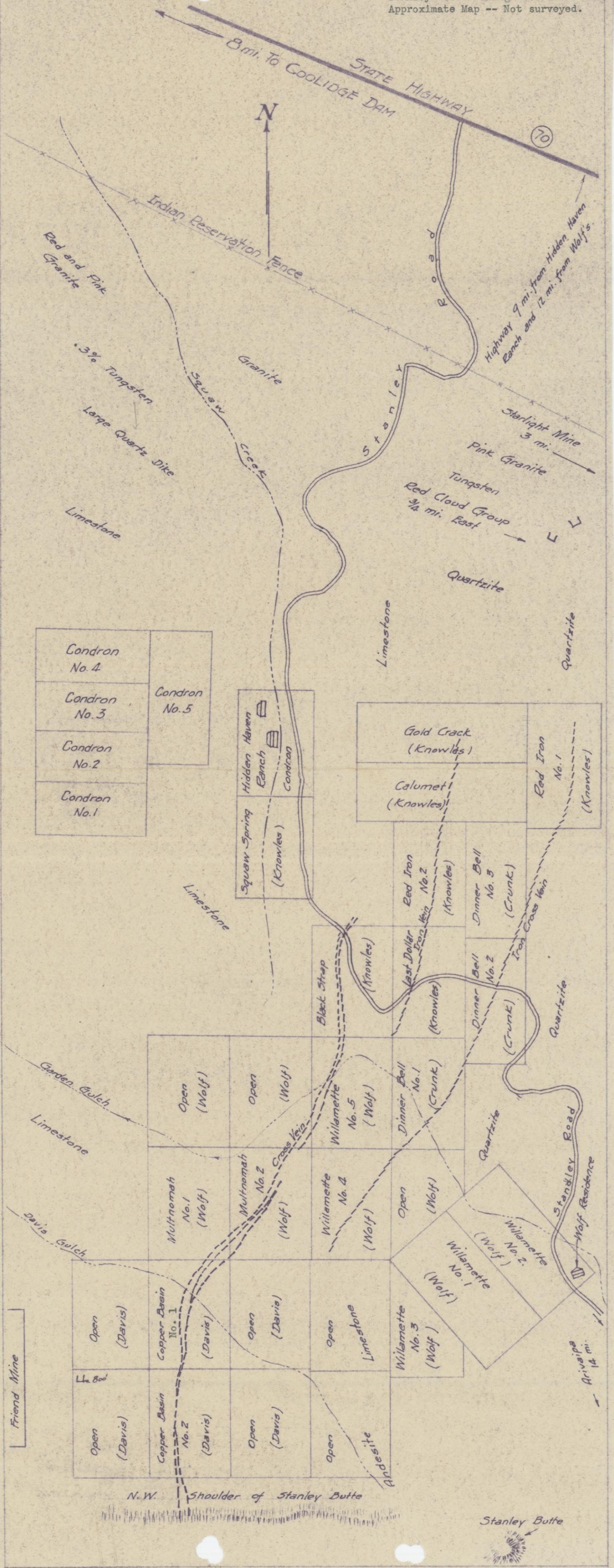
In the early days of the district considerable amounts of high grade chalcocite boulders, some weighing as much as 200 pounds, were found in the vicinity of the upper conglomerate dike. The locator of the old Friend mine, adjoining this group on the west at that time, shipped some twelve tons of this chalcocite ore from surface workings, which gave him returns from the El Paso smelter of about \$112.00 a ton, in copper, gold and silver values.

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I believe the property to be of unusual size and merit and that it warrant the . allowing of a Preliminary Development Loan.

Signed:  
Fred H. Perkins  
Field Engineer



Condron No. 4	Condron No. 5
Condron No. 3	
Condron No. 2	
Condron No. 1	

Squaw Spring	Hidden Haven Ranch	Condron
(Knowles)		

Gold Crack (Knowles)	Red Iron No. 1 (Knowles)
Calumet (Knowles)	

Red Iron No. 2 (Knowles)	Dinner Bell No. 3 (Crunk)
Last Dollar Iron vein (Knowles)	
Black Strap (Knowles)	

Open (Davis)	Copper Basin No. 1 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 5 (Wolf)	Dinner Bell No. 1 (Crunk)	Dinner Bell No. 2 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								
Open (Davis)	Copper Basin No. 2 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 4 (Wolf)	Open (Wolf)	Dinner Bell No. 2 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								
Open (Davis)	Copper Basin No. 1 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 3 (Wolf)	Open (Wolf)	Dinner Bell No. 1 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								
Open (Davis)	Copper Basin No. 2 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 2 (Wolf)	Open (Wolf)	Dinner Bell No. 2 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								
Open (Davis)	Copper Basin No. 1 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 1 (Wolf)	Open (Wolf)	Dinner Bell No. 1 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								
Open (Davis)	Copper Basin No. 2 (Davis)	Open (Davis)	Open (Wolf)	Open (Wolf)	Willamette No. 2 (Wolf)	Open (Wolf)	Dinner Bell No. 2 (Crunk)	Iron Cross vein (Crunk)
Open (Davis)								

Friend Mine

U.S. 800'

N.W. Shoulder of Stanley Butte

Stanley Butte

Arivisipa 14 mi.

Standley Road  
Wolf Residence