The following file is part of the

James Doyle Sell 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.
Report on general geology of area, and possibilities of the property. Formerly known as the Dragon Claims, now the Lu-Ann group.

This property is located in North-Western Maricopa Co. about 7 miles East of Wickenburg, Az. And it is situated in the South half of section 23, T-7-N, R-4-W. Between the East branch of Monarch wash, and the west bank of Santo-domingo Wash, in Santo-Domingo mining district.

Owner-Ship: This claims are in Federal Section, Federal mineral rights and open for location to the public. 10 unpatented lode mining Claims in the South half of section No. 23, and the North half of Section 26. Recorded with the Maricopa Co recorder, and registered with the B. L. M. offices in Phoenix, Az. All Recordings, validation work, and Assessment work done, and up to date. Owners J. D. and Lillian A. Campbell husband and wife.

History:
The claims in the area were first discovered before the turn of the century, and developed for the gold content, known as the Julia Mines. About the time of World-War No 1 it was ascertained that the ore from some of the veins had a Vanadium content. The Dragon Mining & Developing Co., was formed and incorporated. Money was raised, the workings of No 2 were developed as this claim had the best values in Vanadium. A 50 ton mill was erected shipments of concentrates reached around 6 tons per day during the war years. After the war and due to the drop in demand for vanadium, and gold values not high enough the property closed down. Around 1928 the Vanadium Corporation took over the property. They had a market with Krupp Steel of Germany, and I understand were advanced a sum of money to get the property in operation. The mine workings were further developed the mill re-vamped, and enlarged. By 1930 the first shipment of concentrates were made. About this time depression, money panic hit Germany. Further shipments were stopped, finally the operation fell apart, and other then small operations by lesors in the early 30ties no other developing was done. The partners co/owners of the old Dragon Mines faced with a depression, no demand for Vanadium, and low gold values did not feel like investing further and finally in the late 30ties the property was abandoned. It was held by Mr. C. Berry up to the late 1950ties when Mr Berry died, no further owners held claims. Until we took them up in 1974, and have been holding them since, and conducting prospecting, and developing work on them in a low key.

Geology:
This claims are in what local mining circles is known as the lower Bradshaws mineral Belt. This belt is mostly a schistoz formation several miles wide, running to the north against the Granits, and volcanic formations, bisected in many places with upthrusts of volcanic rock such as andesites, and tuffs. Many strong Pegmetites run thrue it quartz, and epidote formations. The up thrusts are belived by many geologists of a newer age then the shistoze formation, depositing mineral in the area adjacent to this newer upthrusts.

(No. I)
Geology:

Just to the north-east of the property are a chain of hills known as the Santo-Domingo range with Santo-Domingo peak as its most prominent elevation. This peak is just north of the claims. To the south, the mineral belt dips into the sedimentary formations, conglomerates, alluvial fans all the way to Hassayampa River, and the start of Wickenburg Mountains.

According to Mr. J. Flood, a geologist who spent some time in the property trying to help Mr. C. Berry develop interest in the property wherever this newer age upheaval has occurred in this formation if mineral conditions are right it has formed what he called. Secondary deposits with primary enrichments, where quartz, limonite, hematite, and calcite minerals come in close proximity, primary enrichment can, and do occur. This type of primary enrichments are the type of formation where most of past mining, and production have been.

Past development:

Hase consisted of several shafts the deepest at the Old dragon No 2 is some 290 Ft. in depth, many open cuts, adits, and prospect holes are encountered in the area. As well the remains of 2 miles, one at the No 1, and the other at the No 2, dragon claims. As well as the ruins of three arrastra type mills.

Present development & Prospecting:

The writer of this report has had intimate knowledge of this property being of a mining family of the area. My Father was a Mill Wright, and was in charge of the revamping of the Dragon Mine Mill for U. S. Vanadium in the Late 20 ties. I was acquainted with Mr. Berry, and Mr. Flood. I also am well acquainted with Mr. James Deck who worked at this property during the period of time the mine was active. As a hoist man, and electrician. He also did some work as a Lesser after the mine closed down. He is still very active in spite of his years, and has been of great help to me in planning my course of action in the developing of this claims. Our efforts have had some success. We have opened a surface showing of ore in the Lu-Arn No 4, claim assaying over 1.5 Oz. Au. At the Lu-Arn No 4, we have uncovered a vein of ore, over 30 inches wide assaying over 1.6 Oz. Au., and a surface Blow-out assaying .27 Oz. Au. A strong vein on the northwest side of No 1 where the Schist formation meets the Volcanic of Santo-Domingo Peak have been located assaying .22 Oz. Au. We have been working on another vein formation on Lu-Arn No 3. It shows color, assays at this writing have to be taken. On all of these claims values show on all of this different formations. From a few hundreds per ton to as high as 1.7 Oz. Au. At the Dragon No 2 shaft there is water available enough in the past to conduct milling operations.

There are also mine dumps of around 20, 25,000 tons that assay around .08 Az. Au., small silver content, and .13 % Vanadium. This Gold of the area is free-milling, and the writer belives this dumps would Pad-Leach. Another possibility of the property.
Conclusion, and Prospective.

On the south side of Santo-Domingo peak there is a highly mineralized ridge running around 4000 Ft. to the south until it dips under the sedimentary formation. One this ridge many of the old workings occur and it is the one on which our present discoveries have been made.

In the writer's opinion this property in order to prove it as a substantial producer need a well-oriented drilling program on all potential mineral formations crossing this ridge specially. It would be any easy matter to run a dozer cut for the entire length of the ridge from the Foot of Santo-Domingo Peak about 4000 Ft. to the Alluvial formation. This cut would serve three purposes. It would expose to the eye all mineral formations, it would serve as a site on where to make drilling pads off it, and would serve as a road for to bring in drilling equipment. With the past history of the area, and our new discoveries I believe this property have much merit, and good potential.

For the Record:

The writer is not, or contends to be a geologist, but does know the basics of it. And draws on the findings of information from those who are geologists, and his own life long experience as a prospector, and miner. Besides it is hard to argue with ore in place.

Sincerely Presented by

John D. Campbell
On December 9, 1979, the undersigned, accompanied by Mr. Clare C. Richardson, (President, Consolidated Chemical and Mining Co., and Mr. David Campbell, Wickenburg, Arizona (owner, along with other associates of claims whereon the Dragon is located), visited the Dragon Mine, which is located about 7 miles East of Wickenburg, by road. This was a reconnaissance geology examination, as Mr. Richardson was interested in the gold leaching potentialities of this property. Then again, the property was visited on January 5, 1980, by the writer, along with Mr. Charles R. Miliken of Wickenburg and Mr. Campbell, and an additional preliminary investigation was made and some surface samples were taken. See enclosed map marked Exhibit A.

The mining claims covering the Dragon Mine are in Section 23, T-7-N, R-4-W, SR B&M. Mr. Campbell (and associates) initially had 10 claims on this Federal Section. This study does not go into the status of title examination nor assessment labor on said claims. See claim map marked Exhibit B. The Campbell statement of ownership is accepted as correct, as far as this report is involved.

On arrival at the mine site, one is immediately impressed by the size of the ancient tailing piles and dumps, as well as, the remnants of the old mill plant (extensive concrete bases and old tanks). There are five (5) shafts (headframes are long gone), and numerous small exploration pits and adits. The deepest shaft (main) goes down to a depth of 267 feet, with drifts and winzes. The recollection of the main shaft and workings, according to a former worker there, Mr. Jimmy Deck, is Exhibit C.

This property, prior to 1916 was known as a gold claim and was named the 'Julia'. During 1917 it became the property of the Dragon Mining and Development Company. It reputedly had gold values from $3.73 to $30.02 per ton when gold was priced at $20.67 per oz. The mine of course, was called the Dragon then. Later, United Vanadium Corporation had the property for an unknown period of time, but the writer has not been able to locate any records verifying ore shipments.

**GEOLOGY.**

This mining property is immediately West of San Domingo Peak (El. 2714 ft.) in what is known as Monarch Wash, in the Wickenburg Mountains (South portion of the Bradshaws). The mineral carrying veins are highly silicious in a Ultramafic or Lamprophyric mass of dark colored rock of apparently Cretaceous age. The local area has been geographically mapped under State of Arizona guidance, and is shown as Cretaceous Andesites. However, the writer is more inclined to consider the basic rocks as something akin to PreCambrian Monsonites, for the reason that there are numerous pegmatic dykes crisscrossing the location (including area near the mine), thusly, indicating a likely basic type of rock structure, in the form of a batholith or laccolith.
The gold values are in free form in the silicious di-oxide, ferric stained, almost vertical veins. The Vanadium is in the form of scattered Vanadinite (Pb$_2$(VO$_4$)$_2$, O1) in the darker portions of the same veins. These veins were probably formed in fault structures by ancient Metasomatic and Retrograde action. The nearby pegmatites are considered as epigenetic homogeneous in origin.

The pegmatite outcrops in the vicinity of the main mine shaft are most interesting, from an academic viewpoint. They are considered to be irregular lenses. Several contain abundant black tourmaline crystals (Schorl). The basic pegmatic rock is probably Perthite with quartz, biotite, muscovite, lepidolite, phlogopite, sericite, and some albite feldspar. Close search will disclose an occasional Rubellite crystals (pink). The more distant, but related, pegmatites in the San Domingo Wash area have Spodumene, Ambligonite, Bismuthinite, amorphus beryl, and other rare minerals.

In the Dragon mine area, some old vertical drill holes were found, indicating extensive exploratory action in the distant past (other than pitting, shafting, and aditng). If there are any old records covering this work, its whereabouts is unknown to the writer.

Water apparently was available for past mining operations. One old well was pointed out, but it had been filled with rocks by vandals. Mr. Campbell stated there is a water level up to about 100 feet below the collars of the shafts. It appears that adequate water could be obtained by drilling in the adjoining Monarch wash.

SURFACE INDICATED VALUES AND SAMPLING.

In the way of Vanadium, one old report (Exhibit D) shows the following:

- Dump ore 0.18% V$_2$O$_5$
- Table Concentrate 0.69% V$_2$O$_5$
- Flotation Concentrate 2.05% V$_2$O$_5$

Gold values (from old record) varies from 0.28 oz. to 2.70 oz. per ton. This is viewed as extremely on the high side by the writer. Another old report shows gold averages at about 0.20 oz. per ton, which is a more acceptable figure from visual examination of the potential ore (in sight). See Exhibit E.

It is to be pointed out that it is now impossible to go down the old shafts for sampling, due to hazardous conditions and the water level. Accordingly, two (2) samples were taken by the undersigned as follows:

- Sample No.1 is from an ore outcrop (small pit) 200 ft. E. of main shaft. The sample was a channel cut on a 2½ ft. vein. It assayed at 0.18 oz. Au. (See assay report Exhibit F).

- Sample No.2 was taken on the Lu Ann Extension, where there is an old 200 ft. shaft. The strike here was E 10 deg. N. Dip is 70 deg. W. The assay report (Ex.F) shows "nil" in Au. However, Mr. Campbell says that his sampling in the past, has revealed Au up to 1 oz. Au per ton, from the same location.
SUMMARY AND RECOMMENDATION.

Assuming a large mineable body of gold ore could be delineated, at the grade of 0.18 oz. per ton (or more), which at todays prices would be valued at $135.00 per ton, this would be a profit making mine. At depth, the auriferous veins are reported to be of 3.5 feet width. By using the 'on site' pad leaching with cyanide, which is not costly, would make this mining profitable. Water can be developed at the mine.

There is about 1500 tons of potential gold ore on the dump. This should be carefully sampled and assayed.

Concerning the Vanadium values, one old report (Exhibit D) shows 0.18% $\text{V}_2\text{O}_5$ on the dump. This would be worth about $12.60 per ton according to recent Vanadium Pentoxide prices. In 1970 $\text{V}_2\text{O}_5$ was worth $2.50 per pound (now it is only $3.50 per lb.) The prices have not gone up 'skyhigh' like some other metals(gold, silver, lead, copper, etc.). Old newspaper accounts say there is a higher $\text{V}_2\text{O}_5$ content in the Dragon mine, but this would have to be proven by more reliable information. United Vanadium Company (now Union Carbide Corp.) had the Dragon mine many years ago, but gave it up. If the mine was rich in $\text{V}_2\text{O}_5$ they probably would have retained the mine. The principle Vanadium mine in the U.S. is at Wilson Springs, Ark. (owned by Union Carbide). But the vast bulk of Vanadium comes as co-products of Uranium, Titaniferous magnetite, and ferrophosphorous processing. If this metal reaches higher prices, then the Vanadium ore at the Dragon should be re-considered.

Additional exploration, including a drilling program (under supervision of a capable engineer), should be initiated.

Melvin H Jones
Mining Geologist.

1601 Sandhill Rd., #35
Las Vegas, Nevada, 89104

Post Script. 2/25/80

Mr. Campbell recently obtained another sample on the Lu Ann Extension near where Sample #2 (in above narrative) was taken. This is 20 ft. inward from collar on East side of inclined shaft. Assay shows 0.30 oz. Au per ton of ore (see Exhibit G). At todays gold prices ($639968), this would show the sample to have a value of $192.80 per ton. This new information enhances the gold potentialities of the Dragon property.
Frequently, of late, new items in regard to the operations of the Dragon Mining & Development Company have appeared in the columns of this Miner, and the property has been highly spoken of by all who have visited it. It is no longer operated by that company, but, perhaps, the best piece of news that could be given to the public is the fact that the company now has ample capital to carry out their plans for the immediate development and equipping of it. This announcement will be a source of great satisfaction to those who have watched the progress of work at the mine, and the careful and economical administration of the local management.

The news referred to was brought by Mr. Herman Hertz, the secretary and treasurer of the company, who arrived Monday night from an extended visit to New York and other eastern points where he has been arranging the financing of the property.

Mr. Hertz set Tuesday night at the property, but being seen Monday night he gave the above news and backed it up by exhibiting certified checks which assure the company's future. The fact that it takes money to make a mine is none the less true today than it was the day it was coined, but in the case of the Dragon the money is not needed to make the mine, for all who know the property agree that it is a real mine, but it is needed to develop what they have and now that a commensurate amount is in hand the work of the company will go ahead as never before attempted. Already a car of lumber has been received and construction on the enlargement of the camp is being proceeded with by Superintendent Newman so as to provide quarters for the shift of miners which will be put on as soon as the houses are ready.

The Dragon is primarily a gold mine located about seven miles southeast of the town of Wickenburg in the famous San Domingo district which has been placered for gold ever since the early sixties. The consensus of opinion among the engineers who have examined this gold agrees that the gold found in the placers has not traveled far, and that this work will go ahead as never before attempted. Already a car of lumber has been received and construction on the enlargement of the camp is being proceeded with by Superintendent Newman so as to provide quarters for the shift of miners which will be put on as soon as the houses are ready.

The Dragon is primarily a gold mine located about seven miles southeast of the town of Wickenburg in the famous San Domingo district which has been placered for gold ever since the early sixties. The consensus of opinion among the engineers who have examined this gold agrees that the gold found in the placers has not traveled far, and that this work will go ahead as never before attempted. Already a car of lumber has been received and construction on the enlargement of the camp is being proceeded with by Superintendent Newman so as to provide quarters for the shift of miners which will be put on as soon as the houses are ready.

The actual property owned by the company consists of eight lode mining claims and comprises about 150 acres. They have had a number of engineers on the ground for months, and all of these reports have been very flattering to the owners. While this is pleasing and reassuring, it is not without help one might labor under the history of the mine's location.

The actual physical operations on the property are in the hands of Mr. H. L. Deitcher, the original discoverer of the property and a miner of many years' experience. The officials of the corporation are as follows: President, James G. Scarborough; secretary and treasurer, Herman Hertz. Both of these gentlemen are from Los Angeles, where Mr. Scarborough is a prominent lawyer and capitalizer, and Mr. Hertz has been an extensive real estate operator and is a large land owner. He at one time was owner of the Majestic and Morro Rock Hotels.
The Dragon Mining and Development company, owning the Dragon mines at Wickenburg, Arizona, and whose Los Angeles address is 1222 Washington building, has recently taken action for equipping their property with a mill and assay plant. Plans for this mill have already been submitted. It will be constructed on the unit plan, making provisions for additional units as the needs require. The action means that the Dragon property will now pass from the development stage to that of a producing mine.

Vanadium of a high value predominates on this property, while good values in gold, silver and ochre are also found. Vanadium is a rare and valuable metal for which just now, on account of the war, there is an unprecedented and unsupplied demand. This valuable metal was never so much in demand by the steel industries having government contracts as just now. It is an interesting fact that few know that steel tempered with vanadium will not lose its temper when heated red hot, and it also remains as hard as when cold. Consequently it is indispensable at present in the manufacture of steel for shifting gears, engine valves, motor bearings, automobiles, aeroplanes, etc. It will harden steel beyond any known hardness, and yet it is not brittle. An axe tempered with it can cut a spike in two without dullying it.

Inasmuch as the Dragon company can supply five or six tons of high percentage concentrates daily, Arizona will soon be doing just that much more toward her "bit" in helping Uncle Sam win the war.

For two years this company has employed a force of men of from two to three shifts a day, and has developed the property by sinking shafts, cross-cutting, tunneling, etc. This work exceeds 1,000 feet of development. The deepest shaft is 227 feet, and carries big-grade vanadium, gold, silver and ochre ores.

This company is particularly fortunate in having sufficient water in the main shaft to supply all the necessary needs for milling purposes. It controls about 243 acres of proven rich mineral land, and has sufficient equipment to develop same. Almost before a pick was struck the concern was amply financed. All development, down to the point of the purchase of the mill, has been paid for as the work progressed, and the company has sufficient cash on hand for the payment of the mill.

"This rich property is located within three miles of the Santa Fe railroad and about seven miles from Wickenburg."
We have present stockholders who are willing to take the stock at this price, and therefore no confusion can be produced by giving authority to sell two blocks of stock at different prices; however, if this cannot be done, then let the Permit authorize the sale of the stock at 10¢ per share.

Respectfully submitted,

DRAGON MINING AND DEVELOPMENT COMPANY,

By James G. Scarborough

President

And E. P. Truitt

Secretary.

STATE OF CALIFORNIA, } ss.
County of Los Angeles, } ss.

James G. Scarborough, President, and E. P. Truitt, Secretary of the Dragon Mining and Development Company, of Wickenburg, Arizona, of lawful age, being first duly sworn, deposes and says that they have each read the foregoing Supplement to Application for Permit, and know the contents thereof, and that the statements and allegations therein contained are true.

James G. Scarborough

President.

E. P. Truitt

Secretary.

Subscribed and sworn to before me this 2nd day of August, 1918.

Verna J. Aldrich

Notary Public in and for the County of Los Angeles, State of California. (My Commission expires Dec. 27, 1921.)

(Seal)
SUPPLEMENT TO ITS APPLICATION FOR PERMIT, INCORPORATING ANSWERS TO ADDITIONAL QUESTIONS PROPOSED.

1. Q. Amount of stock given in exchange for property, giving list of individual owners.

   A. 550,000 shares for the mining property and $85,000 in cash, of which stock the incorporators of the Company sold 85,000 shares for the $5,000, and the remaining 465,000 shares represents the property. These facts were reported in the Company's first and original application for license to do business.

   The following is a list of the present holders of the 465,000 shares:

   N. L. Dietcher --------- 84,250 shares
   J. F. Newman --------- 81,250
   James G. Scarborough --- 216,800
   Frank L. Strohmeier ---- 15,000
   Samuel C. Rothburg ---- 10,000
   Thomas J. Quinn ------- 10,000
   W. J. Squire --------- 12,000
   Martin Hertz ------- 2,000
   S. E. Whitney ------- 2,500
   Cora E. Broadwall ---- 3,000
   H. Hertz ---------- 100
   Arthur Steinem ----- 100
   Mrs. M. Clophain ------ 12,000
   Lucie L. Thompson ---- 7,000
   Edwin Alexander ------ 1,500
   David Laidar -------- 7,500
   Total --- 465,000

2. Q. Amount of stock sold and at what price?
   A. 250,000 shares at 10c each.

3. Q. Amount of stock now in treasury?
   A. 200,000 shares.

4. Amount Company desires to sell; at what price, and what commission?
   A. The Company desires to sell 30,000 shares at 10c per share, and 50,000 shares at 15c per share - no commission.
August 5, 1918
FILE NO.

Prof. G. M. Butler, Director,
State Bureau of Mines,
Tucson, Arizona.

Dear Sir:

Herewith enclosed renewal application
of the Dragon Mining & Development Company for
your attention.

Very truly yours,

Chief Clerk,
DEPARTMENT OF CORPORATIONS.
August 18, 1919.

Arizona Corporation Commission,
Phoenix, Arizona.

Gentlemen:

Application of Investment Company
No. 497, the Dragon Mining & Development Company,
has been received and examined. It seems to be all-
right in form, but no engineer's report is attached
so I cannot judge of the merits of the property.
I suppose there can be no objection to granting the
permit, since the stock is to be sold only to those
interested in the Company.

Very sincerely,

Director.

G.E.B-C
UNION GROUND (Formerly Dragon Mine)

DRAGON MINING DIST.

YAVAPAI CO., ARIZ.

Owner: Mr. C. J. Berry
Box #42,
Wickenburg, Ariz.

From Wickenburg - 4 miles on Highway #70 toward Phoenix, 2 miles east on road up San Domingo wash.

This mine was formerly worked by the United Vanadium Corporation.

The country rock is schist and the vein gangue is barite. The shaft is accessible to 90 feet. The mine is beginning to cave. The water starts at 155 foot level. There were 3000 tons of ore of the same character as the following samples:

$1: Dump ore...............0.18% V₂O₅
$2: Table concentrate......0.63% *
    500 lbs. or more
$3: Flotation concentrate...2.05% *
    2000 lbs. or more

Samples $2 and $3 were left in the mill building by former operators - these, with sample $1 were samples/hand assayed by Hawley & Hawley.

Due to the lack of tonnage of vanadium ores in this mine I recommend that no interest be taken at this time.

Submitted by

Dan Berris
Aug. 4th, 1942.
For Campbell Investments

For Mr. J. D. Campbell

Post Office Box 1297

Wickenburg, Arizona 85358

Date December 15, 1975

ASSAY CERTIFICATE

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ. PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GOLD</td>
<td>SILVER</td>
</tr>
<tr>
<td>937</td>
<td>Anne #1 East Drift</td>
<td>0.03</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Anne #2 East Drift-Face</td>
<td>0.10</td>
<td>0.30</td>
</tr>
<tr>
<td></td>
<td>Anne #3 Slope off East Drift</td>
<td>0.01</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Anne - Tailing Pile</td>
<td>0.10</td>
<td>0.30</td>
</tr>
</tbody>
</table>

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
For Mr. J. D. Campbell
Post Office Box 1297
Wickenburg, Arizona 85358

Sample of Ore
Submitted by: same (mail)

Received: 4-5-76

ASSAY CERTIFICATE

Gold figured at $128.00 per ounce

<table>
<thead>
<tr>
<th>LAB. NO.</th>
<th>IDENTIFICATION</th>
<th>GOLD OZ. PER TON</th>
<th>VALUE</th>
<th>SILVER OZ. PER TON</th>
<th>VALUE</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1641</td>
<td>Luann Extension:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Parallel Vein Shaft</td>
<td>0.03</td>
<td>$3.84</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Small Shaft West</td>
<td>0.04</td>
<td>5.12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reluctant Dragon:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#1 open cut</td>
<td>0.01</td>
<td>1.28</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#2 open cut</td>
<td>0.01</td>
<td>1.28</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#2 ore stockpile</td>
<td>0.16</td>
<td>20.48</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
Arizona Testing Laboratories
815 West Madison • Phoenix, Arizona 85007 • Telephone 254-6181

For Campbell Investments
Post Office Box 1297
Wickenburg, Arizona 85358

Date December 1, 1976

ASSAY CERTIFICATE

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ. PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GOLD</td>
<td>SILVER</td>
</tr>
<tr>
<td>3108</td>
<td>No Mark D</td>
<td>0.05</td>
<td>0.20</td>
</tr>
<tr>
<td></td>
<td>No. 2 Material in tanks</td>
<td>0.02</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>No. 4 Surface Blow-Out East</td>
<td>nil</td>
<td>0.15</td>
</tr>
<tr>
<td></td>
<td>No. 6 Big Red Surface Blow-out</td>
<td>nil</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Tailings Pond Material</td>
<td>0.06</td>
<td>0.25</td>
</tr>
<tr>
<td></td>
<td>Bull-Horn</td>
<td>0.02</td>
<td>1.70</td>
</tr>
</tbody>
</table>

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
## Arizona Testing Laboratories

817 West Madison • Phoenix, Arizona 85007 • Telephone 254-6181

For Campbell Investments
Post Office Box 1297
Wickenburg, AZ. 85358

Date February 20, 1980

ASSAY CERTIFICATE

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ. PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GOLD</td>
<td>SILVER</td>
</tr>
<tr>
<td>4459</td>
<td>LuAnn Extension:</td>
<td>0.30</td>
<td>0.25</td>
</tr>
<tr>
<td></td>
<td>East Drift</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>West Drift Face</td>
<td>0.06</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Red Crown:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shaft East</td>
<td>0.01</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>Shaft West</td>
<td>0.02</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
ASSAY CERTIFICATE

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ. PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>GOLD</td>
<td>SILVER</td>
</tr>
<tr>
<td>6648</td>
<td>Hope Incline Dump</td>
<td>0.13</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hope Main Dump</td>
<td>0.04</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hope 1 Chip 1</td>
<td>0.06</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hope 1 Chip 2</td>
<td>0.12</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hope 1 Chip 3</td>
<td>0.04</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LuAnn Dump</td>
<td>0.07</td>
<td>Nil</td>
</tr>
<tr>
<td></td>
<td>Warrior Open Cut</td>
<td>0.06</td>
<td>Trace</td>
</tr>
<tr>
<td></td>
<td>Re Crown Open Cut</td>
<td>0.03</td>
<td>0.80</td>
</tr>
<tr>
<td></td>
<td>Table Cone Test 1</td>
<td>0.70</td>
<td>Trace</td>
</tr>
</tbody>
</table>

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
ASSAY CERTIFICATE

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ. PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>0681</td>
<td>Hope middle vein 30' shaft</td>
<td>0.12</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>Luann #1, small pit</td>
<td>0.31</td>
<td>0.10</td>
</tr>
<tr>
<td></td>
<td>Luann #3, open cut</td>
<td>1.1</td>
<td>0.25</td>
</tr>
<tr>
<td></td>
<td>Luann #4, old Addit</td>
<td>0.25</td>
<td>0.10</td>
</tr>
<tr>
<td></td>
<td>Table Cons., Luann</td>
<td>2.1</td>
<td>0.50</td>
</tr>
</tbody>
</table>

Respectfully submitted,
ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.
Assay Certificate

May 13, 1981

For Campbell Investments
Bridge Apartments
321 East Center
Wickenburg, Arizona 85358

ATTN: Mr. J. D. Campbell

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Claude E. McLean, Jr.

<table>
<thead>
<tr>
<th>LAB NO.</th>
<th>IDENTIFICATION</th>
<th>OZ PER TON</th>
<th>PERCENTAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1552</td>
<td>1. Hope Center vein</td>
<td>0.16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Hope North vein</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. Louann #1 open</td>
<td>0.01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4. Louann #1 west</td>
<td>1.6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4a. Louann #1 west</td>
<td>1.7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5. Louann #4 bottom</td>
<td>0.27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6. Louann #4 surface</td>
<td>0.27</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7. Louann #4 west</td>
<td>1.4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8. Louann #10</td>
<td>0.21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9. Warrior ore</td>
<td>0.23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10. Warrior #1</td>
<td>0.23</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11. Warrior #2</td>
<td>0.09</td>
<td></td>
</tr>
</tbody>
</table>

Claude E. McLean, Jr.
LU-ANN-GROUP-10-
LODE-MINING-CLAIMS.
Proposal of Lease Purchase agreement on the following described Lode mining claims. 10 unpatented claims in Maricopa Co. about 7 miles east of Wickenburg, Az. in Sanro-Domingo Mining Dist. On Federal sections 23, and 26 T-7-N, R-4-W. Owners J. D. and Lillian A. Campbell. All recordings, and registrations, Validation, and assessment Labor done. Recorded with Maricopa Co. Recorder, and B. L. M. Offices in Phoenix.

I. We will grant an examination option to reliable party for the length of four weeks at no cost. During this option only geological work, mapping, and surface sampling will be done. No drilling.

2. At the end of this period, either the property will be returned or we will enter into an exploration, developing option. For the length of six months. For the cost to interested party of $12,000.00 in advance paid. During this period drilling, or what ever method interested party may want to use for exploration may be employed. But no amount of ores may be removed from property over 2,000 Lbs. without consent of owners. If further time is required it will be granted at the extra cost per Mo. of $2,000.00 in advance paid up to another six months.

3. At the end of the exploration option, or before if the interested party decides that they want to go into formal mining, shipping, milling of ores. They shall have three options of methods to proceed into a Lease, Purchase contract. Or if they decide to return property to owners it will be done in a peaceful manner along with all the records of their exploration program.

*** Options ***

1. First option. for a payment of a sum of $1,500,000.00 in cash will execute a Quit-Claim Deed in favor of the purchasing party. This will end all connections of the sellers with the property.

2. Second option. The seller will be paid in cash the sum of $500,000.00 in advance, at the time of signing of formal Lease-purchase agreement. Then from production a royalty of 5% based on net smelter-returns will be paid the seller until the combined down, and royalty reaches the sum of $3,000,000.00 as an end price.

3. Third option. At the time of the signing of the lease-purchase agreement the seller will be paid as a down payment the sum of $1,500,000.00. From then on a guaranteed per month in advance sum of $2,000.00 or 10% of production based on net smelter returns whatever is the greatest. Until all payments reach the combined sum of $3,000,000.00. That being the end price. Whatever option agreement is elected all monies paid the seller as first option money, down payments, guaranteed or regular royalties will apply to the end price.