UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

SEP 4 1959

90

Mr. Russell B. Staples
General Manager
Pyramid Tungsten, Inc.
910 - 11th Street
Sunnyside, Washington

Re: Docket No. OME-6048 (Copper)
Pyramid Tungsten, Inc.
Pyramid Claims
Elko County, Nevada

Dear Mr. Staples:

Your application for aid in an exploration project and other information available to us in Washington concerning the above-mentioned property have been reviewed.

Careful study of all the information available to us indicates that the probability of disclosing significant ore reserves on your property is not sufficiently promising to justify Government participation in the proposed exploration. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

Sincerely yours,

George C. Selfridge

Acting Director

WPKlugescheid/gia
cc to: Director's Reading File
Operating Committee
Mr. Mehlhorn, USBM
Mr. Kirkham, USGS
OME Field Team, Region II, w/3cys each USBM memo 8/21/59
Docket and USGS memo 8/17/59
Chron

August 21, 1959

Memorandum

To: W. R. Grimwald, Office of Minerals Exploration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of Examination Report, Docket No. [illegible] (Copper), Pyramid Tungsten, Inc., Pyramid Claims, Elko County, Nevada.

The field examination of the two areas proposed for exploration by the applicant revealed that the exposures and geologic settings do not warrant an exploration program for copper.

I concur in the examiners' recommendation that the application for Government assistance be denied.

A. D. McMahan

A. D. McMahan

ADMcMahan/nf

Copy to: Division of Minerals
Branch of Base Metals (2)
Mr. Killgnard
Mr. Lamb
Files

August 17, 1959
Re: OME 6048 (Copper)
Pyramid Tungsten, Inc.
Pyramid Claims
Elko County, Nevada

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

From: Harold Kirkemo, U. S. Geological Survey

Subject: Review of examination report

The applicant requested assistance to explore for copper by diamond drilling and bulldozing. Cost of the project was estimated at about $40,000.

Field examination of two areas in the claim group disclosed a contact metamorphic zone in limestone along a contact with granodiorite. In one area no copper minerals were found. The weathering of ferromagnesium minerals and iron sulfides had formed a red-stained soil which the applicant contended was a copper gossan. The "copper" staining proved to be green epidote or diopside. In a second area iron-rich, siliceous vein material occurs along a limestone-granodiorite contact. A few specks of native copper and traces of chrysocolla were observed but most of the red-stained rock proved to be green epidote or diopside. A sample of the siliceous material assayed 0.14 percent copper. On the basis of these observations the examiners recommend that the application be denied.

There has been activity in tungsten mining in this district (Elk Mountain) in recent years but nothing has been done to develop the reported copper deposits since the now-inaccessible tunnels were driven in the early 1900's. Reports on results of the underground work are fragmentary and secondhand. Evidently there are no indications that warrant reopening the caved workings or to explore for new deposits.

I concur with the field examiners that the application be denied.

Harold Kirkemo

cc: OME (3)
Director's reading
Branch reading
A. D. McMahon, 3623
Chron. file
Docket file ✓ HKirkemo/mm G-MD-8-17-59

6048

6-993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

EXTRA COPY		
Report No. M. E.		
RECEIVED AUG 10 1959		
DATE	INITIALS	CODE

REVIEW OF EXAMINATION REPORT

State Nevada *County* Elko *Mineral products* Copper

Name of property Pyramid Claims

Owner Pyramid Tungsten, Inc. *Address* 910 - 11th St., Pennsylvania, Washington

Lessee or Operator None *Address* None

Location Sec. 19, T. 46 N., R. 61 E., M.D.B. & M. in the Mill Mountain mining district at an altitude of 7,600 feet, Humboldt National Forest, Elko County.

Examined by E. E. Shelton & H. F. Stager *Date* June 25, 1959

Apparent quality of examination and report Good

Discussion and review

The principal ore deposit in the claim area is a small schelite-bearing tactite deposit that contains minor amounts of molybdenite and traces of copper sulfide. This deposit is at the north end of the claim group and outside of the area the applicants propose to explore. In the two areas at the south end of the claim group, contained in the application, the mineralized material consists of silicified and silicated limestone along the contact with granodiorite. In the southernmost exposure, the weathering of ferromagnesian minerals and possibly a small amount of iron sulfides in the silicated limestone, has yielded a patch of reddish-soil about 100 feet in diameter. Green epidote or diopside were found, but no secondary copper minerals.

At the further tunnel prospect, several shallow pits have been dug along the limestone-granodiorite contact to expose iron-rich silicate vein material. A few specks of native copper and traces of chrysocolla were observed.

There are no measured or indicated reserves of copper ore at the property and no reserves are inferred.

Copy to: A. C. Johnson, Reno, Nevada
Regional Director, Region II
E. E. Stager, U.S.G.S.
Old File

DATE	ACTION	BY

Reviewed by
OME OPERATING COMMITTEE

(date)

Reviewed by W. F. DIETRICH

Date 8/7/59

GPO 93-54658

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

EXTRA COPY
O. M. E.
RECEIVED AUG 10 1959

DATE	INITIALS	CO

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION BY FIELD TEAM
SECTION II

APPLICATION REPORT

OME-6048 (Copper)
Pyramid Tungsten, Inc.
Pyramid Claims
Elko County, Nevada

by

D. H. Cheshan
U. S. Bureau of Mines

H. E. Steger
U.S. Geological Survey

June 25, 1959

Reviewed by
OME OPERATING COMMITTEE

_____
(date)

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Ore Deposits	5
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INTRODUCTION

Pyramid Tungsten, Inc., a Nevada Corporation, of 912- 11th Street, Sunnyside, Washington, applied to the Office of Minerals Exploration, Docket OME-6040, for Government assistance in a $40,040 program to explore for copper on the Pyramid unpatented lode mining claims, Elko County, Nevada.

A field examination was requested by the Operating Committee and was made by B. H. Cheshen, U. S. Bureau of Mines, and R. C. Stager, U. S. Geological Survey, on June 17, 1959, accompanied by Norton Pearson, Treasurer, and Gilbert Pearson, resident agent for Pyramid Tungsten.

Brief mention of the property, formerly known as the Austera tunnels prospect, O'Neil prospect, and the Johnson claims, was made by F. C. Schrader in U.S.G.S. Bulletin 497 and repeated in the Nevada Bureau of Mines Bulletin 54 /

The geology and surface exposures of the mineralized areas covered by the applicant's claims were carefully examined, but as only traces of copper-bearing material were found, only three samples were taken and no additional mapping was done. All underground workings on the property are caved and inaccessible.

/ Schrader, F.C., 1912, A Reconnaissance of the Jarbridge, Contact, and Elk Mountain Mining Districts, Elko County, Nevada, U.S.G.S. Bull. 497, pp 155-156.

Granger, Bell, Simons, and Roe, 1957, Geology and Mineral Resources of Elko County, Nevada, Nevada Bureau of Mines Bulletin 54, p 58.

SUMMARY

The deposit is of contact metamorphic origin localized along a contact between granodiorite and limestone. Traces of copper occur sporadically along the contact but nowhere in significant amounts. Most of the "copper-stained rock", observed and prospected by the applicants, is green epidote and diopside in the silicated limestone. No copper ore has been mined from the claim area. There are no measured or indicated reserves of copper-bearing material and none are inferred.

The applicants proposed to explore two areas, about a mile apart, by diamond drilling and bulldozing. The exposures and geologic settings in these two areas do not justify an exploration program for copper.

RECOMMENDATION

We recommend that the application for Government assistance to explore for copper on the Pyramid claims be denied.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Pyramid group of claims is in Sec. 29, T. 46 N., R. 61 E., M.D.B. & M. in the Elk Mountain mining district at an altitude of 7,000 feet, Humboldt National Forest, Elko County, Nevada. (Fig. 1)

To reach the property from Contact, Nevada, travel south 14.7 miles on paved U.S. highway 93, turn right on O'Neil Ranch road and travel 32.3 miles to the O'Neil Ranch, travel 8.6 miles northwesterly on an unimproved road from the O'Neil Ranch to the camp and mill at the property. Travel time from Contact averages about 2 hours for the 55.6 mile trip. The property is accessible by passenger car except during winter months. The prospects are about 2 miles, by jeep-trail, northwest of the mill and camp.

Water - available on property

Supplies - Twin Falls, Idaho, 115 miles

Railroad - 30 miles to Union Pacific tracks

Labor - Twin Falls, Idaho

THE PROPERTY

The property consists of 48 unpatented lode mining claims and 6 mill sites. All are owned by Pyramid Tungsten Inc. and are held by right of location. The following 10 claims, listed in the application, cover the ground of the applicant's proposed exploration project:

Name of Claim	Book	Page
Pyramid No. 84	43	393
" " 85	43	394
" " 86	43	394
" " 88	43	376
" " 41	45	117
" " 42	45	121
" " 43	45	122
" " 44	45	118
" " 46	45	119
" " 55	45	186

There are 193 stockholders in Pyramid Tungsten, Inc. The corporate officers are:

E. A. Anderson, President, 414 S. 16th Ave., Yakima, Washington
Wesley Carlson, Vice Pres., Rt. 4, Yakima, Washington
Russell B. Staples, Sec.-Gen. Mgr., 910 11th St., Sunnyside, Washington
Norton A. Pearson, Treasurer, Rt. 4, Yakima, Washington
Dare W. Rinehold, Director, Rt. 1, Granger, Washington
Paul A. Bowers, Director, Rt. 2, Sunnyside, Washington
Thomas B. Carpenter, Director, Rt. 1, Granger, Washington

History, Production, and Development:

Although the district has been known and extensively prospected since about 1899, there has been no recorded production. The applicants have held the property since 1955 and have attempted to develop the low-grade tungsten deposit at the north end of the claim area.

The property has been developed by several short adits, now caved and inaccessible, and a few shallow open cuts and pits. The applicants have built about two miles of jeep road and constructed a completely equipped 40-ton-per-day tungsten mill. Housing facilities for about 10 men have been constructed near the mill. The mill has never been operated inasmuch as it was not completed until the end of the tungsten purchase program.

GEOLOGY

Geologic Setting:

The claims are in an area of moderate relief, underlain chiefly by limestone of probable Carboniferous age intruded by a stock of granodiorite of probable Cretaceous age, and covered locally by flows of Tertiary volcanic rocks.

The limestone is light gray to white, massive, fine-grained and sugary textured except near the granodiorite contact where it is silicified and altered. The thickness has not been measured locally but is probably in excess of 1,000 feet. The bedding dips about 50° away from the granodiorite stock that is exposed in the eastern part of the area. The granodiorite is a medium- to coarse-grained, gray to buff, deeply weathered rock cut by numerous thin aplite dikes. The stock is exposed over an area about two miles wide and three miles long. Overlying the limestone in the western part of the area are thick flows of rhyolite and andesite.

Ore Deposits:

The principal ore deposit in the claim area is a small scheelite-bearing tactite deposit that contains minor amounts of molybdenite and traces of copper sulfides. This deposit is at the north end of the claim group and outside of the area the applicants propose to explore.

In the two areas at the south end of the claim group, concerned in the OME application, the mineralized material consists of silicified and silicated limestone along the contact with granodiorite. In the southernmost exposure, the weathering of ferromagnesian minerals and possibly a small amount of iron sulfides in the silicated limestone, has yielded a patch of reddish-soil about 100 feet in diameter, called a "gossan by the applicants. Careful examination failed to disclose any secondary copper minerals. The copper-staining pointed out by the applicants, in all cases, proved to be green epidote or diopside. In the other area of interest about one mile to the north, at the Austeon Tunnel prospect, several shallow pits have been dug along the limestone-granodiorite contact to expose iron-rich siliceous vein material. This material has been reported to contain as much as 16 percent copper and one-third ounce of gold per ton. A grab sample of about 10 tons of material assayed 0.14 percent copper. A few specks of native copper and traces of chrysocolla were observed but here again most of the copper-stained rock pointed out by the applicants proved to be green epidote or diopside.

some! grab!

The old adits, reported to be several hundred feet long, are caved and inaccessible. The material exposed on the dumps does not indicate that the deposit contains more than a trace of copper.

[illegible]:

[illegible] of copper minerals were observed on the property. The following [illegible] were taken at the best exposures known to the [illegible].

Sample No.	Width Feet	Copper Percent	Description and Remarks
[illegible]51	10.[illegible]	[illegible].03	[illegible] on [illegible]
[illegible]52	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible] 10 ton ore pile, upper [illegible]

Ore Reserves:

There are no measured or indicated reserves of copper ore at the property and no reserves are inferred.

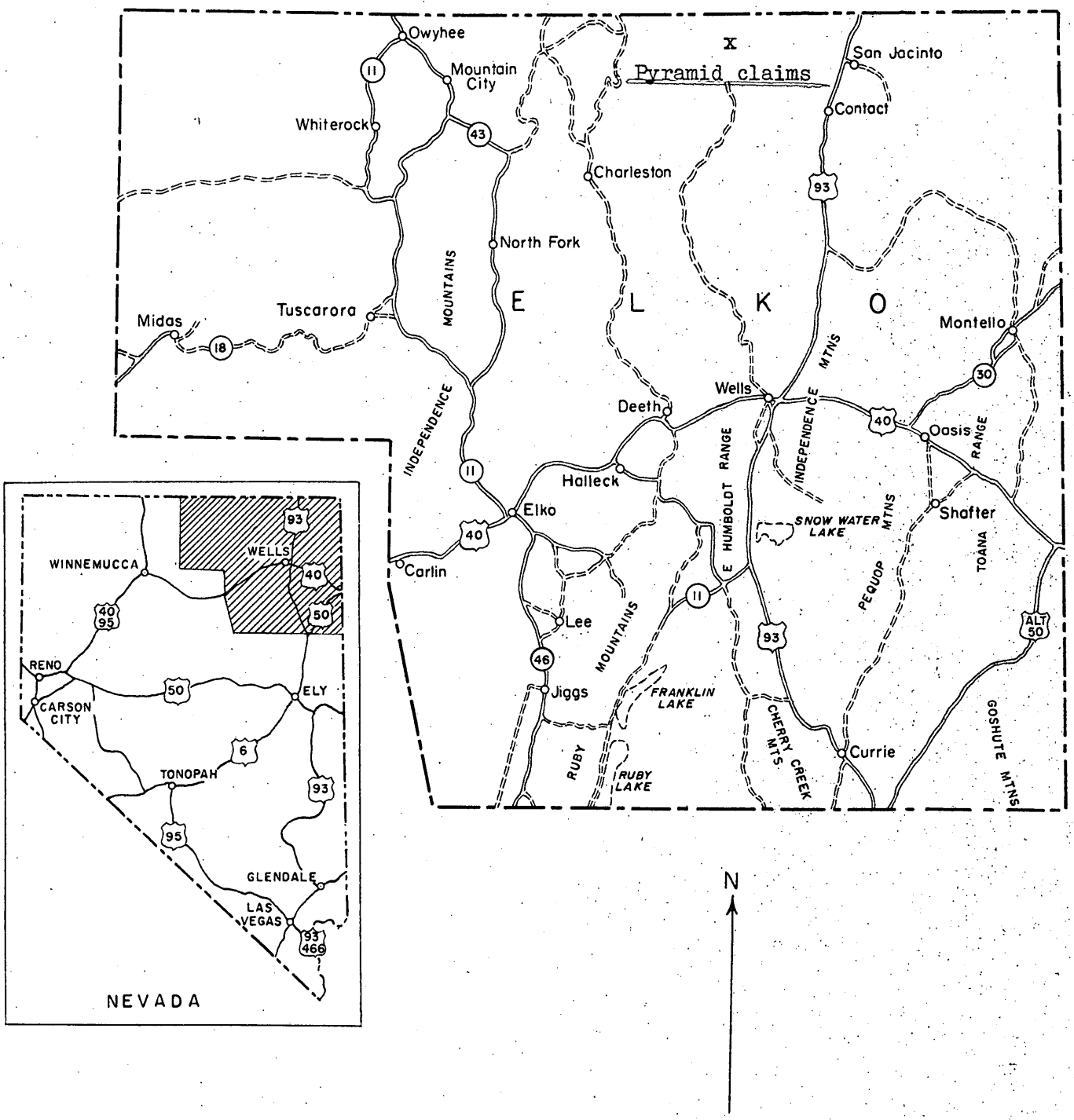


Figure 1. INDEX MAP OF ELKO COUNTY, NEVADA

0 25 50 75 MILES

JUN 2 1959

Memorandum

To: Alternate Acting Executive Officer, OME Field Team, Region II

From: Chairman, Operating Committee

Subject: Docket No. [illegible]-6048 (Copper)
Pyramid Tungsten, Inc.
Pyramid Claims
Elko County, Nevada

The cited application for exploration assistance is being referred to your office for consideration, a field examination of the property if warranted, and recommendations.

If the project is favorably considered by the Field Team, it will be necessary to obtain the following information from the Applicant:

1. A financial statement of the company and a list of the five principal stockholders showing the percentage interest in the company held by each one.

2. Drilling bids should be obtained and submitted from three drill contractors, if possible.

We would like to call attention to the following points:

(a) Be sure that a sufficient number of claims have been included to safely cover all work that may be done.

(b) In Project 2, the cost of rehabilitation is given as $6000. As funds are limited, this item should be undertaken by the Operator.

(c) It is suggested that any exploration undertaken should concentrate on drilling the possible zones and not try to discover ore by trenching by means of a bulldozer. While the drilling is taking place, the rehabilitation of the old adit may proceed (at Applicant's expense) and then an examination thereof can be made.

(d) The costs will have to be carefully studied as some of them appear to be out of line. In both Project 1 and Project 2 the charge for the cookhouse is $350 per month, which is certainly very high.

(e) Assay costs of $600 for a project of this size are also probably excessive and should be studied. These costs are usually stated as X samples at Y cost per sample and then the metals to be assayed for are stated.

(f) Any road work to be done must be kept to a minimum to accomplish the work of the project.

You should, of course, advise the Applicant that any request for additional data is not to be construed as an assurance that a contract will be granted.

Copies of memoranda dated May 21 and 26, 1959, by W. P. Williams, Geological Survey, and A. D. McMahon, Bureau of Mines, respectively, relating to the project are enclosed for your information. We are also enclosing an extra copy of the application for the use of the Field Team.

George C. Selfridge

APPROVED:

s/ O. M. Bishop
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Enclosures

WPKlugescheid/fw-6/1/59

cc: Docket
Dir.Read.File
Operating Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Chron.

May 26, 1959

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of application, Docket No. OME 6045 (Copper), Pyramid Tungsten, Inc., Pyramid Claims, Elko County, Nevada. $40,040.00.

The applicant seeks Government assistance for two exploration projects to test two gossan areas. Project No. 1 consists of 2000 feet of diamond drilling, 50 hours of bulldozer trenching and 4,200 feet of road building, project No. 2 is for 400 feet of diamond drilling, 8,000 feet of new road and rehabilitation of about 400 feet of an old adit. The total cost of both projects is estimated at $40,040.00.

The application is not supported by the geological report by Clay Fifer and Dr. Walter Youngquist or other justification of a promising target area except the reference in the U. S. G. S. Bulletin 477.

Inasmuch as this reference comments favorably on the O'Neil prospect an examination of the property appears to be warranted.

It is recommended that the application be referred to the Field Team for appraisal and appropriate action.

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Killingsard, U. S. G. S.
F. D. Lamb
Files

ADMcMahon/nf

May 21, 1959

Memorandum

To: W. R. Griswold, Office of Minerals Exploration

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, OME 6048, Pyramid Tungsten, Inc., Pyramid Claims, Elko County, Nevada (Copper)

The applicant proposes to explore for copper ore deposits on two groups of unpatented mining claims. The proposed work, divided into two 'projects', would consist of diamond drilling, mine rehabilitation, shaft sinking and drifting. Total estimated cost of the proposed work is $40,000.

Very brief descriptions of the Austeon and O'Neil prospects are given in U. S. Geol. Survey Bulletin 497, pp. 155, 156. Of the O'Neil prospect is stated, "It seems to be one of the best showings in the district, and is said to be located on a good-looking persistent ledge, much of which carries about 16 percent of copper."

Copper ores are known in the district, although ore has not been produced from the applicant's claims. I have no other information about the vicinity other than that cited above; and the Field Team, Region II also state they do not have additional data. Further evaluation of the property will be accomplished only through field examination of the property.

W. P. Williams

cc: OME (3)
A.D. McMahon, 3623
Director's reading
Branch reading
Chron. file
Docket file
WPWilliams/mm

6048

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

1605 Sixth Avenue
Reno, Nevada

May 13, 1959

Memorandum

To: Operating Committee, OME, Interior Building
Washington 25, D. C.

From: Acting Executive Officer, OME Field Team, Reg. II

Subject: Loan Application (Copper)
Pyramid Tungsten, Inc.
Russell B. Staples, Gen'l. Mgr.
916 - 11th St., Sunnyside, Washington

Enclosed are the original (with engineering report) and two copies of an application for Government assistance in exploring the referenced property. One copy (with engineering report) has been retained for our files.

We have no information on this property other than that contained in U.S.G.S. Bulletin 497 (1912), page 155, which is repeated in Nevada Bureau of Mines Bulletin 54 (1957), page 58.

Roscoe M. Smith
Acting Executive Officer
OME Field Team, Region II

Attachments

OME Form 40
Dec. 1958

Budget Bureau No. 42-R1368
Approval expires Dec. 31, 1963

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Copy

MAY 18 1959 OME

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85-701 (72 Stat. 700; 30 U.S.C. 641)

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

PYRAMID TUNGSTEN, INCORPORATED
Contact, Nevada

Mail address:
Pyramid Tungsten, Inc.
Russell B. Staples, General Manager
910 - 11th St.
Sunnyside, Wash.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6048

DATE RECEIVED Reno 5/13/59 5-18-59

REGION II

DIVISION CODE 500

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL	
CORPORATION	X
PARTNERSHIP	
OTHER *(Specify)*	

STATE IN WHICH FIRM IS ORGANIZED Nevada

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
H. A. Anderson	414 S. 16th Ave. Yakima, Wn.	President
Wesley Carlson	Rt. #4, Yakima, Wash.	Vice Presedent
Russell B. Staples	910 11th St., Sunnyside, Wn.	Sec. - Gen. Mgr.
Norton A. Pearson	Rt. #4, Yakima, Wash.	Treasurer
Emra W. Rinehold	Rt. #1, Granger, Wash.	Director
Paul A. Bowers	Rt. #2, Sunnyside, Wn.	Director
Thomas D. Carpenter	Rt. #1, Granger, Wn.	Director

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Copper

ESTIMATED COST OF PROJECT: $ 40,040.00

PROPERTY NAME	LOCATION COUNTY	STATE
Pyramid Tungsten, Inc.	Elko	Nevada

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit four copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior, Washington 25, D. C., or with the nearest OME Field Office.*

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

May 7, 1959
DATED

Russell B. Staples
BY *(Signature)* Russell B. Staples
General Manager
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the exploration [redacted] cost.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

INT.-DUP. SEC., WASH., D.C. 48740

Pyramid Tungsten, Inc.

A NEVADA CORPORATION

MINING ▲ MILLING

TUNGSTEN

414 So. 16th Ave.
Yakima, Washington

EXTRA COPY O. M. E. RECEIVED MAY 18 1959		
DATE	INITIALS	CODE

April 20, 1959

COPY

Mr. W. F. Kesterson, Assistant Manager
Seattle First National Bank
Yakima, Washington

Dear Mr. Kesterson:

This letter will confirm our recent verbal discussions regarding our proposed mining exploration project.

The board of directors of Pyramid Tungsten, Incorporated has authorized me to make application to your bank for a loan of $20,000.00. This amount would be matched by an equal amount of money or services by our company. These funds would be used to carry out a exploration and diamond drilling program on mining property owned by Pyramid Tungsten, Incorporated, in Elko county, Nevada.

The geological interpretations of our Geologist, Dr. Walter Hemmgquist are the basis of our plan to explore this property for possible copper mineralization.

If our application for a loan is approved we would repay the funds borrowed in five annual installments of $4,000.00 each plus interest.

Very truly yours,

Harry A. Anderson, President
PYRAMID TUNGSTEN, INC.

HAA:[illegible]

YAKIMA VALLEY BRANCH

SEATTLE-FIRST NATIONAL BANK

ESTABLISHED 1870

YAKIMA, WASHINGTON

WAYNE F. ERSTERSON
ASSISTANT MANAGER

May 4, 1959

EXTRA COPY
O. M. E.
RECEIVED MAY 18 1959

DATE	INITIALS	CODE

Mr. Harry A. Anderson
President
Pyramid Tumbler, Inc.
414 South 2nd Avenue
Yakima, Washington

Dear Mr. Anderson:

Our Loan Committee has given consideration to your application for a Small Business Loan, repayable in five years at the rate of $4,[illegible] per year plus interest.

Since the funds are to be used for exploratory purposes, and repayment is planned over a five-year period, we are unable to grant your request at this time.

Very truly yours,

W. F. Ersterson
Assistant Manager

WFE:TAH

Pyramid Tungsten, Inc.

A NEVADA CORPORATION

MINING MILLING

TUNGSTEN

414 So. 16th Ave.
Yakima, Washington

April 21, 1959

COPY

Mr. Marion Emrick, Manager
The Old National Bank
Granger, Washington

Dear Mr. Emrick:

This letter will confirm our recent verbal discussions regarding our proposed mining exploration project.

The board of directors of Pyramid Tungsten, Incorporated has authorized me to make application to your bank for a loan of $20,000.00. This amount would be matched by an equal amount of money or services by our company. These funds would be used to carry out a exploration and diamond drilling program on mining property owned by Pyramid Tungsten, Incorporated, in Elko county, Nevada.

The geological interpretations of our Geologist, Dr. Walter Youngquist are the basis of our plan to explore his property for possible copper mineralization.

If our application for a loan is approved we would repay the funds borrowed in five annual installments of $4,000.00 each plus interest.

Very truly yours,

Harry A. Anderson, President
PYRAMID TUNGSTEN, INC.

HAA:RBS

GRANGER BRANCH

THE OLD NATIONAL BANK
OF SPOKANE

Granger, Washington
May 6, 1959

Mr. Harry A. Anderson
President
Pyramid Tungsten, Inc
414 South 16th Avenue
Yakima, Washington

Dear Mr. Anderson:

We have considered your application for a loan of $20,000.00 repayable in five annual installments of $4,000.00 plus interest.

In view of the nature of the operation and the fact that the funds are to be used for exploration of the operation, and the extended repayment period we have declined to make the loan as requested.

Very truly yours

Marion Emrick
Manager

Pyramid Tungsten, Inc.

A NEVADA CORPORATION

MINING ▲ MILLING

TUNGSTEN

910 - 11th St.
Sunnyside, Washington

EXTRA COPY
O. M. E.
RECEIVED MAY 18 1959

DATE	INITIALS	CODE

PROJECT #1

1. FINANCIAL ELIGIBILITY

(a) Attached copy of application to Seattle First National Bank, Yakima, Washington branch. Loan refused. Attached copy of application to The Old National Bank of Spokane, Washington, Granger Washington branch. Loan refused.

(b) None.

(c) Our share of the exploration cost will be furnished by use of equipment owned by our company, use of other facilities owned by this company and company funds. All equipment and buildings listed under 7. (b), (d) and (e) are now owned by the company and now located on the premises described.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION II
RECEIVED

1959 MAY 13 PM 1:29

RENO, NEVADA

PYRAMID TUNGSTEN, INC.

Project #1

2. Applicant's Rights in Land:

(A) Pyramid Tungsten, Inc. is sole owner of claims. They are filed in U. S. Forest Reserve Land. There is no timber on these claims. It's only value is for grazing and mining.

Total claims owned by Pyramid Tungsten, Inc.: 54, and six of them are millsites.

(B) The explorations to be done are on the following claims:

Pyramid No. 41 Book 45 Page 117, notice is posted 2000 ft. S.40E. from the NW corner of section 15-T. 46N R61 E. of Mt. Diablo Meridian.

Pyramid No. 42 Book 45 Page 121, notice is posted 1300 ft. S 45 E from the NW corner of section 15 T. 46N R61 E. of Mt. Diablo Meridian.

Pyramid No. 43 Book 45 Page 122, notice is posted 1500 ft. S 70 E from the corner of section 15 T. 46N R61 E. of Mt. Diablo Meridian.

Pyramid No. 44 Book 45 Page 118, notice is posted 1500 ft. S 20 E from NW corner of section 15 T. 46N R61 E. of Mt. Diablo Meridian.

Pyramid No. 46 Book 45 Page 119, notice is posted 1500 ft. S 85 E from the NW corner of section 15 T. 46N R61 E. of Mt. Diablo Meridian.

(C) All claims are recorded at Elko County Recorder, Elko, Nevada.

These claims were called the Johnson Claims; now owned by Pyramid Tungsten, Inc.

3. Physical Description:

(A) Claim No. 46-42 & 41 are covered with a large gossan capping, with copper staining.

(B) Mr. Clay Fifer from the University of Oregon, Dept. of Geology made a study and geologic map of this area.

(C) There has not been any production on this property.

(D) There are no records of assay certificates or assay maps.

(E) Refer to 3-A, a map of claims.

(F) A geology report by Clay Fifer and Dr. Walter Youngquist in 1959.

(G) Geologic maps are being furnished to you.

4. Accessibility of Property:

(A) Pyramid Tungsten, Inc. is located 52 miles NW of Contact, Nevada, in the Elk Mountain area. We will meet the CME representative at Contact, Nevada. Please address notice of your agent's arrival to Mr. Gilbert Pearson, Resident Agent, Pyramid Tungsten, Inc., Contact, Nevada, & R. B. Staples, Sunnyside, Wn.

(B) Our mine and mill are located about 30 miles from the railroad. There is no freight depot at this point now, but a siding can be put in. A dock and ramp could be built for loading ore concentrates. Up until the present time we have shipped most of our supplies from Twin Falls, Idaho, which is 115 miles from the property. Most of our supplies are bought in Twin Falls, Idaho.

5. Exploration Work:

(A) Refer to No. 3-A, project No. 1, for exploration work. About 2000 ft. of diamond drill holes, one drill hole should be put down along possible fissure zones adjacent to the granite contact. If ore is found there should be a pattern of drill holes put down.

(B) Refer to No. 3-A project No. 1, map for work to build 4200 ft. of road and 2 culverts, some drilling and blasting has to be done on the road. The road should be wide enough for a truck road.

(C) Work would be started as soon as money is available. Project would be finished in four months, drilling about 500 ft. a month. If ore is found on the property more drilling should be done to prove up the property.

PYRAMID TUNGSTEN, INC.

Project #1

6. Experience:

Pyramid Tungsten, Inc. has been operating this property since 1955, being engaged in prospecting and mining and in the construction of a modern gravity and flotation mill on these premises. Our mine superintendent, Mr. Gilbert Pearson, has had about 30 years of experience in mining and prospecting. He has operated both underground and open pit mines. We will hire, when necessary, technical men to assist in mining and geological work.

7. Estimate of Costs:

(A) None

(B) Diamond drilling	80 days	2000 ft.	$ 8.00	per	ft.	$16,000.00
Trenching	50 hrs.		18.00	"	hr.	900.00
Road building	40 hrs.	4200 ft.	18.00	"	"	720.00
Compressor & Wagon drill	50 hrs.		12.00	"	"	600.00
Consultants	5 days		100.00	"	day	500.00
Cookhouse	4 months		350.00	"	Month	1400.00

(C) Cost of material & wages are included in item B.

(D) Welder 300 ampere	1100.00
(2 oxygen-acetylene cutting torches @ $100.00 each	200.00
1 floor stand grinder	150.00
1 Caterpillar tractor, D8	6000.00
1 Ingersoll compressor 315 Cu. Ft.	5000.00
1 Wagon drill	1200.00
1 Jeep, 1956	1800.00
1 Truck, 2 ton, van	800.00
1 Truck, dump, 5-ton	2000.00

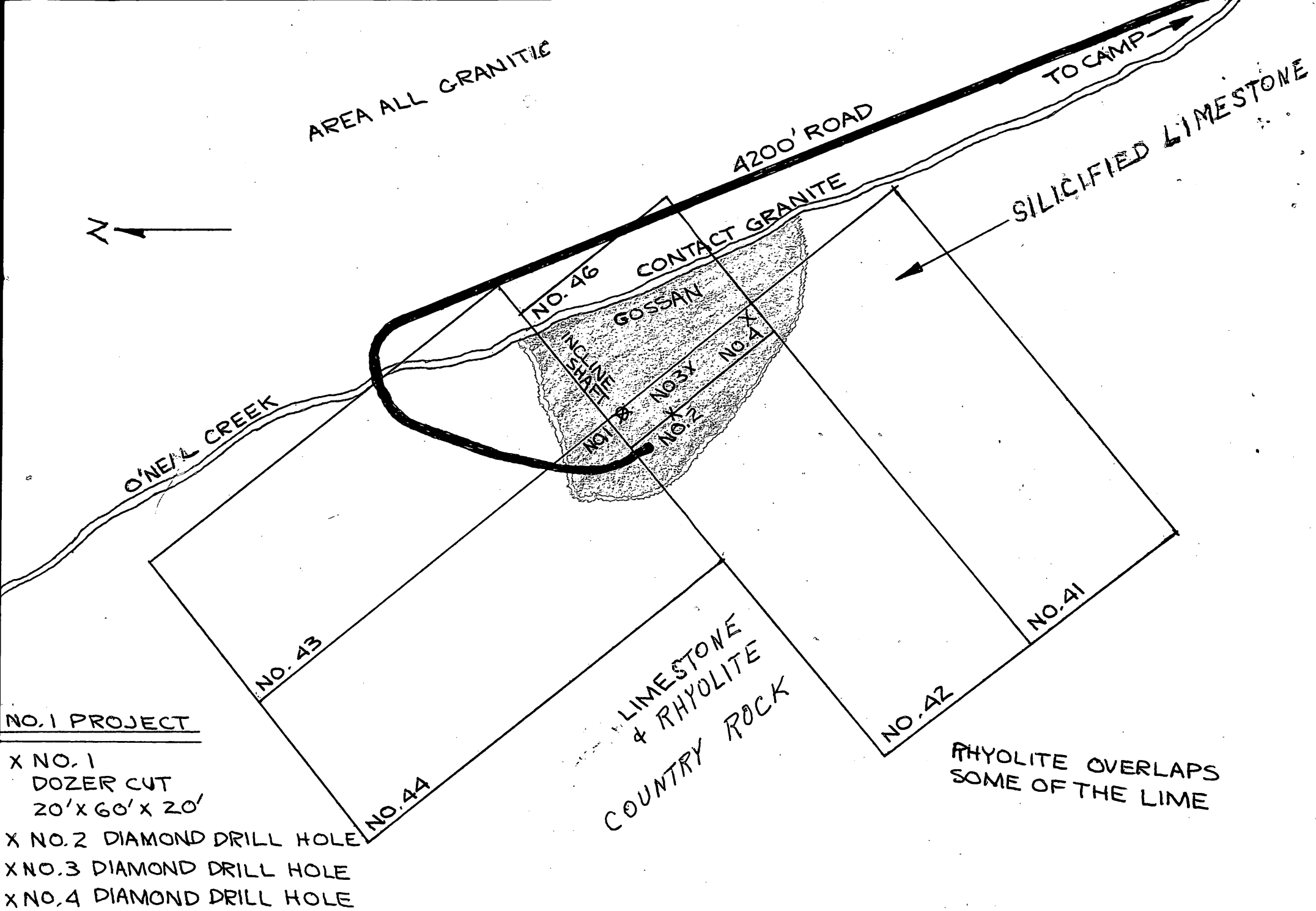
(E) All buildings are new and modern with lavatory and shower facilities. There is electricity in all buildings. There is a modern shop and a complete assay office, and office quarters.

(F) None

(G) Maintenance & repairs are included in 7.(B) rental, if there is no serious breakdown, this should take care of minor repairs and maintenance. If there should be a serious breakdown, 7.(B) should be revised.

Our gross payroll will be $6100.00 plus industrial insurance, unemployment insurance, and social security expense, which amounts to 10% of the gross. These items are also included in 7.(B).

Assaying	$300.00
Accounting	150.00



NO. 1 PROJECT

X NO. 1
DOZER CUT
20' X 60' X 20'

X NO. 2 DIAMOND DRILL HOLE

X NO. 3 DIAMOND DRILL HOLE

X NO. 4 DIAMOND DRILL HOLE

SCALE: 1" = 400'

O.M.E.
MAY 18 1959

Pyramid Tungsten, Inc.

A NEVADA CORPORATION

MINING MILLING

TUNGSTEN

910 - 11th St.
Sunnyside, Washington

PROJECT #2

1. FINANCIAL ELIGIBILITY

(a) Attached copy of application to Seattle First National Bank, Yakima, Washington branch. Loan refused. Attached copy of application to the Old National Bank of Spokane, Washington, Granger Washington branch. Loan refused.

(b) None.

(c) Our share of the exploration cost will be furnished by use of equipment owned by our company, use of other facilities owned by this company and company funds. All equipment and buildings listed under 7. (b), (d) and (e) are now owned by the company and now located on the premises described.

PYRAMID TUNGSTEN, INC.

Project #2

2. Applicant's Rights in Land:

(A) Pyramid Tungsten, Inc. is sole owner of claims. They are filed on U. S. Forest Reserve land. There is no timber on these claims. The only value is for grazing and mining.

Total claims owned by Pyramid Tungsten, Inc.: 54 claims; six of which are millsites.

(B) The explorations are to be done on the following claims:

Pyramid No. 36 Book 45 page 394, SE corner of section 5 T46 N R61 E of Mt. Diable Meridian.

Pyramid No. 35 book 45 page 393 Section 5 T46 N R61 E of Mt. Daible Meridian, and part of this claim extends into the SW corner of Section 4 T46 N R61 E of Mt. Diable Meridian.

Pyramid No. 34 book 45 page 392 SW corner of Section 4 T46 N R46 E of Mt. Diable Me ridian.

Pyramid 38 book 45 page 378 Section 4 T46 N R61 E of Mt. Diable Meridian, joining claim No. 34 on the NE claim No. 39 book 45 page 387 Section 5 T46 N R61 E of Mt. Diable Meridian, joining claim No. 35.

Pyramid No. 56 book 45 page 156 Section 3 T46N R61 E of Mt. Diable Meridian, joining claim No. 36.

All claims are recorded at Elko County Recorder, Elko, Nevada. These claims were called Austeen Tunnels Prospects, and are now owned by Pyramid Tungst en, Inc.

(C) All land and mineral rights are owned by Pyramid Tungsten, Inc.

3. Physical Descriptions:

(A) Claim No. 35 has 3 tunnels. Known as the Austeen Tunnel Prospect. The information known, is bulletin #56, Nevada Bureau of Mines, (Schrader, 1912, U. S. Geol. Surv., Bulletin 497). The Austeen workings, located on the arm of the Bernasbec belt, consist of a 120 feet upper adit and a lower adit spaced about 200 feet apart vertically, and both driven northward in the granodiorite to strike Austeen 8 foot transverse vein. The vein is said to average about 5 percent copper, some in native form, and $7.00 in gold to the ton, at the old gold price.

(B) Below the 2 upper adits about 250 feet is another adit which has a very large dump and is caved in, which is called the O'Neil tunnel. A U. S. Geological Survey report (Bulletin #497), by F. C. Schrader (1912) mentions a large vein in face of adit; values reported 16% copper. This adit can be cleaned out with a bulldozer which will require 2 days work. It is expected that this tunnel will be standing if we get the front cleaned out. There should be 2 diamond drill holes approximately 300 feet deep driven on the ganam covering a very large area to the north of the adits.

(C) There has been no production on these claims.

(D) There are no records of assay certificates or assay maps.

(E) Refer to E-4 project 2, map of claims.

(F) A geologic map and report was made by Clay Pifer and Dr. Walter Youngquist, Geology Dept., University of Oregon. There was a reconnaissance by F. C. Schrader in 1912.

(G) We would appreciate the return of the geologic maps.

4. Accessibility of Property:

(A) Pyramid Tungsten, Inc. is located 22 miles NW of Contact, Nevada, in the Elk Mountain area. We will meet the CMM representative at Contact, Nevada. Please address notice of your agent's arrival to Mr. Gilbert Pearson, Resident Agent, Pyramid Tungsten, Inc., Contact, Nevada; and Mr. Russell B. Staples, General Manager, Pyramid Tungsten, Inc., 910 - 11th st., Sunnyside, Washington.

(B) Continued on following page.

(E) Our mine and mill are located about 30 miles from the railroad. There is no freight depot at this point now, but a spur can be put in. A dock and ramp could be built for loading ore concentrates. Up until the present we have shipped most of our supplies from Twin Falls, Idaho, which is 335 miles from the property. Most of our supplies are bought in Twin Falls, Idaho.

5. Exploration Work:

(A) Refer to project (2) maps for drill holes and tunnel to be cleaned out. This tunnel, judging by the size of the dump could be 400 feet in length. The condition of this tunnel is just a guess, but the formation is favorable and could be standing if the face can be cleaned out. This program may have to be revised. It will probably require some timbering, some track laying and a pipe line.

(B) It will be necessary to build 2,000 feet offroad, requiring some rock blasting. The road should be wide enough for truck travel.

(C) Work could be started as soon as money is available. Project would be finished in 4 months. If ore is found to be favorable, more drilling should be done and an exploratory shaft or tunnel driven.

6. Experience:

Pyramid Tungsten, Inc. has been operating this property since 1953, being engaged in prospecting and mining and in the construction of a modern gravity and flotation mill on these premises. Our mine superintendent, Mr. Gilbert Emerson, has had about 30 years of experience in mining and prospecting. He has operated both underground and open pit mines. We will hire, when necessary, technical men to assist in mining and geological work.

7. Estimate of costs:

(A) None

(B)	1 Engineer	$100.00 per day - 8 days	$ 800.00
	1 cat. dozer, D8	18.00 " hour 150 hrs.	2700.00
	Diamond drilling	8.00 " ft. 900 ft.	7200.00
	1 Compressor and wagon drill 315 cu. ft.	12.00 " hr. 60 hrs	720.00
	1 cookhouse & bunkhouse	350.00 " mo. 4 months	1400.00
	Cost of repairing old adit track, repairs, pipe, timber, air vent pipe, and lutherline 400 ft. of tunnel at $15.00 per ft.		6000.00
(C)	Cost of material & wages are included in item (B).		
(D)	Welder 300 amp.		1158.00
	2 oxygen acetylene cutting torches 100.00 each		200.00
	1 floor stand grinder		150.00
	1 Caterpillar, D8		6000.00
	1 Ingersoll-Rand compressor, 315 Cu. Ft.		5000.00
	1 Wagon drill		1250.00
	1 Jeep, 1956		1800.00
	1 Truck, 2 ton, van		800.00
	1 Truck, dump, 5 ton		3000.00

(E) All buildings are near and mature with lavatory and shower facilities. There is electricity in all buildings. There is a modern shop and a complete assay office, and office quarters.

(F) None.

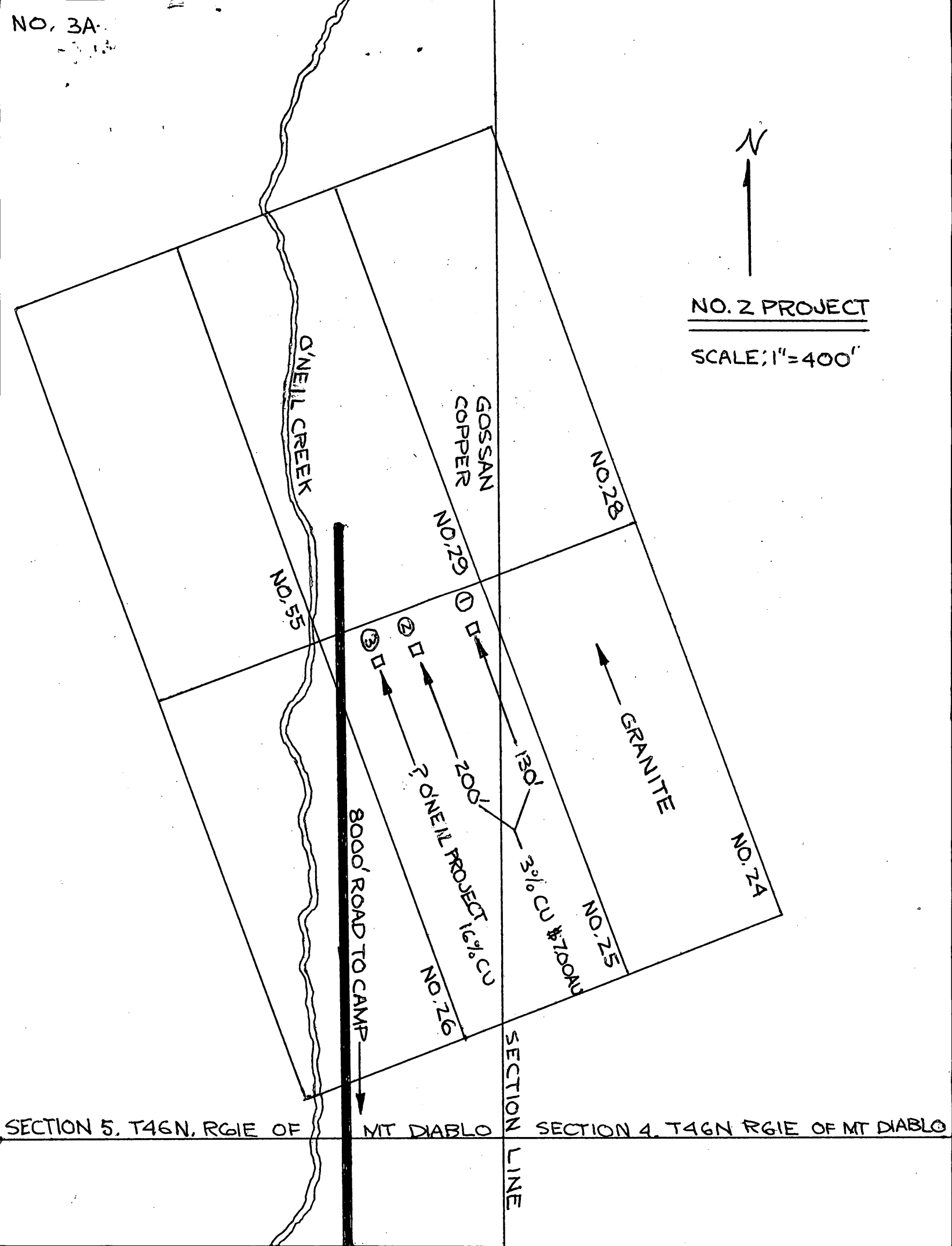
(G) Maintenance & repairs are included in 7. (B) rental, if there is no serious breakdown, this should take care of minor repairs and maintenance. If there should be a serious breakdown, 7. (B) should be revised.

Our gross payroll will be $9004.00 plus [illegible] insurance,

unemployment insurance, and social security expense, which amounts to 10% of the gross. These items are also included in 7 (i).

Accepting $900.00
Accounting 190.00

NO. 3A


N
NO. 2 PROJECT
SCALE; 1" = 400'
O'NEILL CREEK
GOSSAN COPPER
NO. 28
NO. 29
NO. 55
GRANITE
NO. 24
NO. 25
NO. 26
130'
200'
3% CU $700 AU
? O'NEILL PROJECT 16% CU
8000' ROAD TO CAMP
SECTION LINE
SECTION 5. T46N. RG1E OF MT DIABLO
SECTION 4. T46N RG1E OF MT DIABLO

MAY 18 1959
O.M.E.