MME Form 40
(Revised Nov. 71)

Form approved
Budget Bureau No. 42-R1368

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.)*

Silver Arrow Mining Co., Inc.
Rt. 1, Box 24
Cheney, Wash. 99004

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6896

DATE RECEIVED: December 7, 1973

REGION: ~~III~~ (II)

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [X]
- PARTNERSHIP [ ]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED: Washington

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Robert Gee	Rt. 1, Box 24 Cheney, Wash. 99004	Pres. & Treas.
Theodore Smick	Rt. 3 Cheney, Wash. 99004	Vice Pres. & Sect.

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

ESTIMATED COST OF PROJECT: $40,968.00

PROPERTY NAME	LOCATION COUNTY	STATE
Pyramid Mine	Churchill,	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. II). 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 two 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 Department of the Interior, U.S. Geological Survey, Office of Minerals Exploration, Washington, D.C., 20242, 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.

November 15, 1973
DATED

Robert Gee
BY *(Signature)*

President
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

(submit on accompanying pages)

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 (1) *true copies of your letters to credit sources* which show date of loan request, amount and terms requested, and proposed use of loan funds and (2) *true copies of 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 cost of the exploration work.

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 signed by owner on MME Form 52. If the agreements cannot be obtained, state reasons and whether you can furnish a performance bond.

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.

(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) 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. State your reasons for expecting to find ore.

(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, address, and telephone number 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 on maps also the relation of the proposed work to any existing mine workings and to *claim 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 time and materials *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 price 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 and mobilization charge. 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, and materials.

(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).]

SILVER ARROW MINING CO., INC.
Rt. 1, Box 24
Cheney, Wash. 99004

November 26, 1973

United States Department of the Interior
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, Calif. 94025

Attn: Mr. Stager

RE: - OME 6658 (Silver)
Pyramid Mine
Churchill County, Nevada

Dear Mr. Stager:

In making a loan application, I felt the following items would be of interest to you. The Silver Arrow Mining Co., Inc. was formed on April 13, 1973. It is a Washington Corporation, also qualified to do business in Nevada. We are not affiliated with, or controlled by any other company.

As we are not experienced in exploration work, it is our policy to hire experienced professional assistance and supervision. We will retain a Geologist for geological supervision and logging of cores, preferably Mr. Edmond Lawrence, P.O. Box 8044, University Station, Reno, Nevada. Mr. H. M. Erb, 1300 Allen Road, Fallon, Nevada, (phone 702-423-4807) will be our field manager.

The proposed drilling program will be done by one of the contractors of submitted bids.

Our company office is maintained daily (phone 509-235-6886). Legal counsel is retained as needed. Our bank account is with Seattle First National Bank, Cheney, Wash. Our company will finance its share of the exploration costs with cash.

Respectfully,

Robert Gee

Robert Gee, Pres.
Silver Arrow Mining Co., Inc.

RG/hp

ASSIGNMENT

We, the undersigned, for valuable consideration, receipt of which is hereby acknowledged, by these presents sell, assign and convey to Silver Arrow Mining Company, a Washington corporation, all our right, title and interest in and to that mining lease executed on the 23rd day of March, 1973 by Nevada Rawhide Mining Company, a Washington corporation, wherein a copy of which mining lease is attached hereto and made a part hereto.

WITNESS OUR HANDS this 25th day of April, 1973.

Clarence Davis

Robert Gee

STATE OF WASHINGTON)
) ss
County of Spokane)

On this day personally appeared Clarence Davis and Robert Gee, to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 25th day of April, 1973.

Notary Public in and for the State of Washington, residing at Spokane

MINING LEASE

THIS AGREEMENT, made and entered into this 23rd day of March, 1973, by and between the NEVADA RAWHIDE MINING COMPANY, a Washington corporation qualified to do business in the State of Montana, with its principle place of business situated in Cheney, Washington, First Party and hereinafter called the COMPANY; and Clarence Davis and Robert Gee, Second Parties, hereinafter called the LESSEES.

WITNESSETH:

That for and in consideration of the sum of TEN DOLLARS ($10.00), paid this day and the royalties hereinafter reserved, the COMPANY has demised, leased, and let, and by these presents does demise, lease and let unto LESSEES the following described mining claims:

> Situated in the Holy Cross Mining District in Sections three (3), Ten (10), Eleven (11) and Twelve (12), Township Fourteen (14) North Range Twenty-nine (29) East of the Mount Diablo Meridian, County of Churchill, State of Nevada, to-wit:
>
> The Pyramid Group Lode Mining Claims consisting of the Pyramids, Pyramid Fraction, Anchor, Anchor No. 1, Happy Kate, and North Star Unpatented Lode Mining Claims, the same as described on that certain Proof of Labor filed September 10, 1960, in Volume "28" of Mines, at Page 273, Records of Churchill County, Nevada.

to have and to hold on the terms and conditions to which the parties mutually agree as follows:

1. TERMS. This lease shall be in full force and effect as long as there is any commercial ore present on or in any of the mining properties above described but in no case shall the term exceed twenty-five (25) years from date hereof.

2. POSSESSION. LESSEES shall have the exclusive right to take possession of the said mining claims and to work, operate, and mine the same at their sole discretion, and to such extent and in such manner as they deem proper. Work must be done in a good miner-like manner at their sole cost and expense, and in full compliance

with all laws, rules, and regulations governing mining operations promulgated Federal and State Governments.

3. ANNUAL LABOR. LESSEES covenant and agree to perform on all of the above described claims the annual labor required by law, said work to be performed by July 31 of each year. The affidavit of the performance of the annual labor shall be prepared by the LESSEES and filed with the County Auditor, Churchill County Nevada, by July 31 of each year. A copy of the affidavit will, at the same time, be mailed to the COMPANY.

4. ROYALTIES. LESSEES covenant and agree to pay to the COMPANY a royalty of 4% of the net smelter returns.

5. NET SMELTER RETURNS. Net smelter returns as used herein shall be understood to mean the actual amount received by LESSEES from the smelter or ore buyer after deducting any smelting or treatment charges, and transportation charges from the mine to the smelter or ore buyer. A copy of this agreement may be delivered to the smelter or ore buyer and they are hereby authorized to pay the aforesaid four per cent (4%) royalty directly to the COMPANY.

6. INDEMNITIES. LESSEES covenant and agree to keep the COMPANY harmless and to fully indemnify the same against all incumbrances and demands of every kind and nature arising out of the possession of the aforesaid mining claims, or the mining operations of the LESSEES, and further covenant and agree to keep said mining property free and clear of any indebtedness, to pay all taxes when due, both personal and real that may be levied on the premises, the machinery, and equipment, on the ore produced and mined, by county, state, or Federal government.

7. RECORDS. LESSEES agree to keep and maintain adequate records and accounts showing all ores extracted and mined and returns from all purchasers; to permit the COMPANY, its agents or employees, at all reasonable times to examine these records and to take extracts therefrom.

8. ACCESS. The COMPANY shall have the right to enter upon any or all of the mining claims at reasonable times and at their own expense and risk for the purpose of inspecting and the working thereon.

9. MACHINERY AND EQUIPMENT. LESSEES shall have the right to erect upon the mining claims such buildings as they desire, and to install such machinery and equipment as they deem necessary. It being understood that title to all machinery and equipment including rail, ventilation, and air pipes placed upon the premises or installed in any adit, level, or shaft, shall remain in them at all times.

10. REMOVAL OF EQUIPMENT. In the event of a termination of this lease, any or all of said property, title to which is reserved in the LESSEE, may be removed by said LESSEES ninety (90) days from the effective date of termination provided, however, that no such property shall be removed if there are any minimum annual payments or royalties due, or there are any liens filed or any indebtedness due that might result in a lien being filed against the mining claims.

11. TERMINATION.

A. Surrender. LESSEES shall have the right to voluntarily surrender and terminate this lease at any time before the expiration of the term by giving thirty (30) days written notice to the COMPANY of their intent to so do. If the COMPANY does not, within said thirty (30) day period, retake possession of said premises, the LESSEES shall not be liable for any damages to the premises thereafter.

B. Forfeiture. In the event LESSEES Are in default under any of the terms of this agreement, the COMPANY shall have the right to give the LESSEES written notice of such default, stating the nature of the default, and if the LESSEES do not cure or remove such default within ninety (90) days after the mailing of said notice

to the LESSEES, and thereupon the COMPANY shall retake possession of the mining claims.

C. Liabilities. Upon a termination of this lease, all payments made by the LESSEES shall be retained by the COMPANY, and the LESSEES shall be liable for royalties due and unpaid.

12. COMPANY COVENANTS. The COMPANY covenants and warrants that it is the owner, free and clear of all incumbrances, except that of the Federal government under the public land laws, of the aforesaid mining claims; that it is a corporation duly authorized and existing under the laws of the State of Washington; that it is qualified to do business in the State of Nevada and is in good standing at this time; and that its board of directors have authorized the execution of this agreement by its officers.

13. COURT COSTS. In the event either party finds it necessary to bring an action in any court arising out of this agreement or the operations conducted by the LESSEES, the prevailing party shall be entitled to receive in addition to its costs expended, a reasonable sum as attorney's fees.

14. ASSIGNMENT. This lease may be sold, transferred, conveyed or assigned by the LESSEES without requiring the consent of the COMPANY.

15. NOTICE. All notices provided for herein shall be given by certified mail addressed to the parties entitled to receive same. Notice to one of the LESSEES shall constitute notice to the other LESSEE. All time mentioned in this lease shall be deemed to commence with the mailing of the notice as shown by the post office cancellation mark. Unless otherwise instructed in writing, notices shall be sent to the parties at the following addresses:

COMPANY - Nevada Rawhide Company, Cheney, Washington

LESSEES - Clarence Davis, Route #2, Box 79A Cheney, Washington

Robert Gee, Route #1, Box 24, Cheney, Wa.

20. INUREMENT. Time shall be of the essence of this agreement, and it shall inure to the benefit of and be binding upon the parties hereto, their respective successors and assigns.

IN WITNESS WHEREOF, the parties hereof have this day and year first above written, with the corporation acting through its authorized officers, set their hands and seals.

NEVADA RAWHIDE COMPANY

By Lawrence F. Wagner
Vice President

ATTEST Arthur C. Colyar
Assistant Secretary

LESSEE James R. Davis

LESSEE Robert Gee

STATE OF WASHINGTON)
) ss
County of Spokane)

On this 23rd day of March, 1973, before me, the undersigned, a Notary Public in and for the State of Washington, duly commissioned and sworn, personally appeared Lawrence F. Wagner and Arthur Colyar to me known to be the Vice President and Assistant Secretary, respectively, of NEVADA RAWHIDE COMPANY, the corporation that executed the foregoing instrument, and acknowledged the same, to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that they are authorized to execute the said instrument and that the seal affixed (if any) is the cofporate seal of said corporation.

Witness my hand and official seal hereto affixed the day and year first above written.

James R. Davis
Notary Public in and for the State of Washington, residing at Spokane

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

That certain land in the County of Churchill, State of Nevada,

described as follows:[2] Pyramid, Pyramid Fraction, Anchor, Anchor No. 1 and Happy Kate Mining claims in Sections ten and eleven, Township 14 N., Range 29 E., M.D.M.

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

Silver Arrow Mining Co., Inc.[3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

none

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book_____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions none (State "None" or "See Annex No. ____".)

Dated this 16th day of November, 1973.

Florence Davis	(Seal)	Rt. 3, Box 79A Cheney, Wash. 99004	(Street) (City & State)
Lawrence J. Wagner	(Seal)	527 W. 2nd St. Cheney, Wash. 99004	(Street) (City & State)
x Arthur Colyer	(Seal)	1713 5th St. Cheney, Wash. 99004	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, x Arthur Colyer (Name), certify that I am the TRESSURER (Title—Secretary, etc.) of the corporation named herein; that x Florence Davis (Name), who signed this agreement was then PRESIDENT (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Florence Davis Pres

(Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

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Silver Arrow Mining Co., Inc.[3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

none

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated _____, and recorded in Book_____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions none (State "None" or "See Annex No.____".)

Dated this 16th day of November, 1973.

Jerome Ware	(Seal)	Rt. 3, Box 79A	(Street)
		Cheney, Wash. 99004	(City & State)
Lawrence J. Wagner	(Seal)	527 W. 2nd St.	(Street)
		Cheney, Wash. 99004	(City & State)
x Arden Colyer	(Seal)	1713 5th St.	(Street)
		Cheney, Wash. 99004	(City & State)
	(Seal)		(Street)
			(City & State)
	(Seal)		(Street)
			(City & State)
	(Seal)		(Street)
			(City & State)

I, Arden Colyer (Name), certify that I am the Treasurer (Title—Secretary, etc.) of the corporation named herein; that Jerome Ware (Name), who signed this agreement was then President (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Nevada Purchase Mining Co Inc
(Corporate Seal)

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090–
Contract Date

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To the United States of America:

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Silver Arrow Mining Co., Inc.[3]

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same.[4]

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

none

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book_____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions none (State "None" or "See Annex No. ____".)

Dated this 16th day of November, 1973.

Thurmo Davis	(Seal)	Rt. 3, Box 79A Cheney, Wash. 99004	(Street) (City & State)
Lawrence J. Wagner	(Seal)	527 W. 2nd St. Cheney, Wash. 99004	(Street) (City & State)
Arthur Colyer	(Seal)	1713 5th St. Cheney, Wash. 99004	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, Arthur Colyer (Name), certify that I am the TREASURER (Title—Secretary, etc.) of the corporation named herein; that Thurmo Davis (Name), who signed this agreement was then PRESIDENT (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Nevada Buckle Co Inc
(Corporate Seal)

INT.-DUP. SEC., WASH., D.C. 21103

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

FOR GOVERNMENT USE ONLY
Operator
Docket No. OME –
Contract No. 14-23-090 –
Contract Date

LIEN AND SUBORDINATION AGREEMENTS 1/

To the United States of America:

That certain land in the County of Churchill, State of Nevada, described as follows: 2/ Pyramid, Pyramid Fraction, Anchor, Anchor No. 1 and Happy Kate Mining claims in Sections ten and eleven, Township 14 N., Range 29 E., M.D.M.

hereinafter called the "land", is the subject of a proposed exploration contract, hereinafter called the "Contract", between the United States of America, hereinafter called the "Government" and

Silver Arrow Mining Co., Inc. 3/

hereinafter called the "Operator". In consideration for and as an inducement to the Government executing the Contract, the undersigned:

1. (a) Being the owner of an interest in the land, hereby grants to the Government a lien upon all of his right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of the royalty on production provided for by the Contract, and agrees if the Operator's interest should be surrendered or terminated at any time prior to the expiration of the rights of the United States under said Contract to pay royalty to the Government according to the terms of said Contract; or

(b) Being the holder of a claim, lien, or encumbrance against the land, hereby subordinates his claim, lien, or encumbrance in or against the land and in any production therefrom to the rights of the Government under the Contract with respect to royalty on production and liens to secure same. 4/

2. Undertakes and agrees that property in which the Government may acquire an interest or equity under the Contract may be dismantled, severed from the land, and removed as may be provided in the Contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned.

3. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none". Do not leave blank.)

none

1/ Production from the land is not required, and in the absence of production there is no obligation to pay royalty to the Government.

2/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease /or contract, deed, or other document/ dated_____, and recorded in Book____, Page____, official records of said county". If (b) is used, the book and page of recordation must be inserted above. If the space provided is insufficient, use an Annex and refer to the Annex in the space.

3/ Insert name exactly as it appears in the Application MME Form 40.

4/ Subparagraph 1(a) does not apply to the holder of a claim, lien, or encumbrance.

4. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land or any production therefrom, furnishing the Government with two true copies of such notice; and

5. Consents to all amendments (including an agreement of termination) and assignments of the Contract without notice thereof, and undertakes and agrees that this agreement shall extend and apply thereto.

6. Added provisions none (State "None" or "See Annex No. ____".)

Dated this 16th day of November, 19 73.

Clarence Davis	(Seal)	Rt. 3, Box 79A Cheney, Wash. 99004	(Street) (City & State)
Lawrence J. Wagner	(Seal)	527 W. 2nd St. Cheney, Wash. 99004	(Street) (City & State)
* Arthur Colyer	(Seal)	1713 5th St. Cheney, Wash. 99004	(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)
	(Seal)		(Street) (City & State)

I, * Arthur Colyer (Name), certify that I am the TREASURER (Title—Secretary, etc.) of the corporation named herein; that * Clarence Davis (Name), who signed this agreement was then PRESIDENT (Title—Pres., Vice-Pres., etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

Nevada Provident Mining Co Inc
(Corporate Seal)

INT.-DOP. SRC., WASH., D.C. 21103

SILVER ARROW MINING CO., INC.
Rt. 1, Box 24
Cheney, Wash. 99004

November 12, 1973

United States Department of the Interior
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, Calif. 94025

Attn: Mr. Stager

RE: OME-6658 (Silver)
Pyramid Mine
Churchill County, Nevada

Dear Mr. Stager:

The Silver Arrow Mining Co., Inc. is herein making a formal request for financial assistance in Minerals exploration for a drilling program, as recommended by Edmond F. Lawrence, Consulting Geologist, Reno, Nevada, per attached Geological report.

Description of the Work

The location, bearing, inclination degrees and length of holes will be as recommended in the report and maps by Edmond F. Lawrence, Geologist.

The work shall consist of drilling not more than 10 holes, totalling not more than 2289 feet.

Estimated Costs of the Project

ACTUAL COSTS

Category (1) Independent Contractors: Diamond Core Drilling 2289 feet, including cement, drill mud, additives, and hole-plugging agents. Size of hole--NX Wireline at $12.00/ft.	$27,468.00
Mobilization	500.00
Dozer work Access road repair and drill site preparation. 36 hrs @ $28.00/hr.	1,008.00
Water truck rental 2½ months @ $350.00/mo.	875.00
Plus mileage 1500 miles @ $.18	270.00
Cementing 18 hrs @ $22.50/hr.	405.00
Redrilling 160 ft. @ $2.00/ft.	320.00
Reaming and casing 160 ft. @ $5.00/ft.	800.00
Move & set up drill rig after 1st hole, 9 moves @ $200.00/hole.	1,800.00
Delays charged to operation for in-hole surveying. 35 hrs @ $20.00/hr.	700.00
	$34,146.00

Category (2) Personal Services
None exceptL
Subcategory (a) Supervision & Technical Services

1 Supervisor & Field Manager 2½ months.	$2,500.00	
1 Consulting Geologist Supervision and core logging 12 days plus travel 600 miles @ $.15/mile.	1,590.00	
		$4,090.00

Category (3) Operating materials & Supplies
None except:

100 sample bags @ $.12	12.00	
150 cardboard core boxes @ $1.20	180.00	
		192.00

Category (4) Miscellaneous
None except:

per diem 12 days @ $20.00	240.00	
300 samples assayed for silver & gold @ $5.00/sample.	1,500.00	
Total actual costs		$40,168.00

FIXED UNIT COSTS

Office expense, 2½ mo. @ $160.00	400.00	
Rental of (1) pickup truck including gasoline 2½ months @ $160.00/mo.	400.00	
Total fixed unit costs		800.00

Summary

Total estimated actual costs	$40,168.00	
Total estimated fixed unit costs	800.00	
Total estimated costs of project		$40,968.00

Respectfully yours,

Robert Gee

Robert Gee, Pres.
Silver Arrow Mining Co., Inc.

REG:hp

SEATTLE·FIRST NATIONAL BANK CHENEY BRANCH

November 14, 1973

Mr. Robert Gee, President
Silver Arrow Mining Co., Inc.
Rt. 1, Box 24
Cheney, Washington 99004

Dear Mr. Gee:

We are sorry to advise you that we would be unable to grant your request for a loan of $40,968 for drilling exploration of the Pyramid Mine, Churchill County, Nevada.

Very truly yours,

H. K. Deininger

H. K. Deininger
Assistant Manager

HKD/cp

423-425 FIRST AVENUE / CHENEY, WASHINGTON 99004 / TELEPHONE (509) 235-6141

FARMERS & MERCHANTS BANK

November 19, 1973

Dear Mr. Gee:

I regret to inform you that at the present time Farmers & Merchants Bank will not be able to participate with you in your request for a $41,000.00 mining development loan for property at the Pyramid Mine in Churchill County, Nevada. If we could be of assistance in the future, please call upon us.

I remain,

Duane Brandenburg

Duane Brandenburg
Manager

DLB/jw

PHONE WA 4-5252 • EAST 10808 SPRAGUE AVENUE • OPPORTUNITY, WASHINGTON 99206

CONTINENTAL DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS
ROTARY DRILLING CONTRACTORS

505 HOT SPRINGS RD.
CARSON CITY, NEVADA
TELEPHONE 882-0197

MINERAL AND FOUNDATION
EXPLORATION DRILLING
CEMENT GROUTING
CHEMICAL GROUTING

MAIN OFFICE:
2810 NORTH FIGUEROA
LOS ANGELES, CALIFORNIA 90065
TELEPHONE 222-7146

November 1, 1973

Silver Arrow Mining Co.
Route #1 Box 24
Cheney, Washington 99004

Attn: Mr. Robert Gee

Dear Sir,

The following is our proposal for the drilling program you are planning in the near future on your property near Fallon, Nevada.

1. Mobilization and Demobilization

Lump Sum for vetical hole drill rig	$500.00
Lump Sum for angle drilling rig	600.00

2. Move from Hole to Hole

Vertical drill rig	each move	175.00
Angle drilling rig	each move	250.00

3. Core Drilling Rates

NXWL size	0'	to	650'	=	10.50 ft.	plus .75 per ft. for angle holes
BXWL size	0'	to	650'	=	10.00 ft.	plus .50 per ft. for angle holes

4. Cement hole/Drill Cement out of Hole

Per Hour Rate	25.00

5. Install Casing/Recover Casing from Hole

Per Hour Rate	25.00

6. Stanby Time

Delays Ordered or Caused by Owner charged @ per hour	20.00

CONTINENTAL DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS
ROTARY DRILLING CONTRACTORS

505 HOT SPRINGS RD.
CARSON CITY, NEVADA
TELEPHONE 882-0197

MINERAL AND FOUNDATION
EXPLORATION DRILLING
CEMENT GROUTING
CHEMICAL GROUTING

MAIN OFFICE:
2810 NORTH FIGUEROA
LOS ANGELES, CALIFORNIA 90065
TELEPHONE 222-7146

7. Cost of Casing Left or Lost in Drill Hole

NX Casing	4.25 per ft.
BX Casing	3.75 per ft.

8. Reaming Hole

NX Hole	per ft.	5.00
BX Hole	per ft.	4.50

9. Mud Materials, Additives, Cement, Lost Circulation Materials

Furnished by Contractor and charged to Owner @ cost plus 10% handling.

10. Water Haul

Water Truck Rental	@	per month	$350.00
		per mile	.18

If water truck driver is required to keep ample supply at drill site, his wages @ 4.00 per hr. plus 15% for payroll taxes and ins. will be charged to Owner.

11. Cardboard Core Boxes

Furnished by Contractor and charged to Owner @ per each 1.20

12. Pumping Lost Circulation Materials

Per Hour Rate @ 22.50

13. Owner to form drill pads and access roads

If you have any questions concerning this proposal, call us at your convenience. We will be happy to make any clarification necessary.

Yours Truly,

J. A. McDougall

J. A. McDougall
Continental Drilling Co.

DIAMOND CORE DRILLING
DIAMOND DRILLING EQUIPMENT
GROUTING
FOUNDATION TESTING
MINING
QUARRYING
SHAFT SINKING
TUNNEL DRIVING
MINE PLANT DESIGN
AND FABRICATION

Boyles Bros.
DRILLING COMPANY
CONTRACTORS-ENGINEERS
P. O. Box 946 600 Industrial Way
SPARKS, NEVADA 89431
Phone (702) 358-5188

General Offices and Plant
1624 Pioneer Road P. O. Box 58
SALT LAKE CITY, UTAH 84110
Phone (801) 487-3671

DISTRICT OFFICES
SOUTHWEST - PHOENIX, ARIZONA
ROCKY MOUNTAIN - GOLDEN, COLORADO
WESTERN - SPARKS, NEVADA
EASTERN - MURFREESBORO, TENNESSEE
NORTHWEST - SPOKANE, WASHINGTON
MEXICO, D.F.
LIME, PERU
CABLE: BOYLESCOP

August 10,1973

EXHIBIT "A"

Coring

To complete a drilling program on your property near Rawhide, Nevada the following prices and conditions shall apply:

All drilling shall be done using one Core drill with support equipment and supplies to enable holes of 500 feet in NXWL size to be completed. Work schedules shall be one 8 hour shift 6 days per week with days off for holidays. Core size shall be not larger than NX nor smaller than BX with reductions in size made upon agreement with the representatives of Silver Arrow Mining Company.

Schedule of Prices:

1. Mobilization and demobilization - lump sum $500.00 payable with first month drilling invoice.

2. Drilling overburden and setting surface pipe - $9.00 per foot.

3. Drilling per foot - vertical holes:

	NXWL	BXWL
0 to 500 feet	$9.85	$9.25

Angle holes of 45° or more from horizontal will be charged as follows:

0 to 500 feet	$10.90	$10.30

4. Reaming as required $5.50 per foot regardless of size or depth.

5. A charge of $22.50 per hour will be made whenever the crew is engaged in any of the following activities:

   5.a Cementing the hole
   5.b Surveying the hole
   5.c Standby time at request of the customer.
   5.d Delay time caused by the customer.
   5.e Installation and removal of casing
   5.f Moving between holes and setting up time.

6. The following will be charged for at our list price:

   6.a Cement, drilling mud, and additives.
   6.b Casing ordered left in hole or lost in the hole through normal drilling activities.
   6.c Core boxes, if supplied by Boyles Bros.

7. Water haul if done with our truck shall be charged for as follows:

   7.a Truck rental shall be $350.00 per month plus 15¢ per mile driven and drivers wages at $4.00 an hour with payroll taxes and insurance, if a steady driver is needed. Source of water and any cost in obtaining it will be responsibility of Silver Arrow Mining Co.

8. Drill roads and drill sites to be supplied free of cost to Boyles. Any environmental responsibility relating to the construction, use or reclamation of same shall be the responsibility of Silver Arrow Mining Co.

9. Since this will be a camp job, a subsistance charge of $6.00 per day per man will be charged.

Boyles Bros. certifies it has or will have licenses to do contract work in the state of Nevada. All other licenses, land and water use permits, environmental reports relating to hole plugging, etc. shall be the responsibility of Silver Arrow Mining Co. Boyles shall cooperate with and give technical assistance if requested for your compliance with these regulations.

Boyles Bros. shall drill at the location, angle and to the depths specified by the representative of Silver Arrow Mining Co. and shall be held harmless for all liability claims which may arise from normal activity related to this contract. Boyles agrees to accept responsibility for the irresponsible acts of their employees and for the liability which may result from these acts.

Joe Fetterhoff
District Manager

Silver Arrow Mining Company

NORTHWEST DRILLING

Star Route
Prairie City, Oregon 97869
Phone: 503 / 923-5566

EXPLORATORY HOLES ★ GROUT HOLES ★ PRESSURE GROUTING

Robert Gee, Pres.
Silver Arrow Mining Co.
Rt. 1 Box 24
Cheney, Washington 99004

20 August 1973

Re: Core Drilling, Rawhide, Nevada

Dear Sir:

I am glad to present the following cost estimates for your drilling program.

Mobe and demobe, including first drill setup $ 500.00

Drilling NX core hole from 0.0' tO 500.0' $ 11.00 per ft

Drilling BX core hole from 0.0' to 500.0' $ 9.50 per ft

Moving and setting up, placing and removing casing, cementing drill hole, cleaning and entering existing drill holes at an hourly rate of $20.00 plus cost of bits.

Casing left in hole or lost in hole, drill muds, additives, cement and core boxes; cost of materials jobsite plus 10% handling.

Standby for convenience of Customer $15.00 per hour.

Water truck rental $300.00 per month plus 15¢ per mile. If driver is needed, wages plus payroll taxes.

Water to be furnished by Customer.

Access roads and drill sites to be furnished by Customer.

Yours truly,

Bond Jobe

Bond Jobe
Northwest drilling Co.

This proposal will be in effect for thirty days from above date.

OME-6896

Supplemental Report

PYRAMID MINE

Holy Cross (Terrell) Mining District
Churchill County, Nevada

By

Edmond F. Lawrence
Mining Geologist

Supplemental Report

PYRAMID MINE

Holy Cross (Terrell) Mining District
Churchill County, Nevada

By

Edmond F. Lawrence
Mining Geologist

Supplemental Report

PYRAMID MINE

Holy Cross (Terrell) Mining District
Churchill County, Nevada

By

Edmond F. Lawrence
Mining Geologist

The Pyramid mine was examined in 1968 and a geological report was submitted containing recommendations for an exploration program consisting of eight drill holes (Lawrence, 1968). Subsequent to that report, a limited drilling program was conducted by Nevada Rawhide Mining Company in 1969 when four holes were drilled under the supervision of Bernard York, Registered Mining Engineer of Fallon, Nevada.

The results of this limited drilling program were described in a report by York, (1969), a copy of which is attached. Only one of these holes coincided with one of the holes previously recommended by Lawrence. The first two holes did not reveal anything of significance; however, RDH No. 3 cut a section from 90 to 190 feet containing 0.31 to 4.54 ounces of silver per ton with traces of gold. RDH No. 4 cut a section from 110 to 240 feet containing 0.21 to 15.47 ounces of silver per ton and traces of gold. This hole appears to have cut the postulated ore shoot which was the objective of Drill Holes No. 2 and No. 3 (Lawrence, 1968). The ore shoot appears to rake to the south.

Mr. Robert Gee of the Silver Arrow Company requested an evaluation of the drilling data and new recommendations for a more extensive exploration program. The Pyramid mine and the drilling sites were examined recently in accordance with his request.

RECOMMENDATIONS

It is recommended that the following drilling program be considered by Silver Arrow Mining Company in cooperation with the Office of Mineral Exploration. This includes the drill holes previously recommended by Lawrence and three additional drill holes. The objective of these holes would be to delineate the No. 1 ore shoot postulated by Lawrence (1968) and apparently cut by RDH BY-4 (York, 1969) and to discover new ore shoots. The holes are not listed in any definite priority but Holes No. 9, 10, and 11 probably should be drilled first. It is also strongly recommended that any drilling program should seriously consider at least one deep hole to the tuff-andesite-diorite contact. These proposed holes are shown on Plate 1 and are also shown in cross-section on Plates 5 through 10.

1. Inclined, -35°, 155 feet, N 65°W, collar at 4836'. To check the intersection of No. 1 and No. 2 veins for a possible ore shoot.
2. Inclined, -60°, 140 feet, N 65°W, collar at 4848'. To cut No. 1 and No. 5 veins.
3. Inclined, -60°, 210 feet, N 65°W, collar at 4838'. To check the intersection of No. 1 and No. 2 veins on the 195-foot level.
4. Vertical, 210 feet, collar at 4838'. To check No. 5 and No. 1 veins.
5. Inclined, -40°, 120 feet, S 60°W, collar at 4814'. To check the intersection of two veins north of 1E drift on the 95-foot level. Necessary to drill rather than drift as mine is not presently equipped. This is not development work.
6. Inclined, -45°, 180 feet, N 60°W, collar at 4808'. To check area north of east-west fault at Nos. 1, 2, 3, and 4 veins and the rake of the present ore shoot.

7. Vertical, 170 feet, collar at 4814'. To check No. 4 vein and the area below the intersection of No. 1 vein with another weakly mineralized structure that appears in No. 4 adit.

8. Extend No. 7 drill hole to a total depth of 614 feet to check the contact of the andesite, tuff, and diorite at depth. Some geophysical data indicate a possible mineralized zone in the diorite. There is a possibility of a disseminated-type deposit below with some possibility of silver mineralization of higher grade at depth associated with the andesite. Camp Terrell has never been fully explored, with only small high-grading operations in the past.

9. Vertical, 230 feet, collar at 4875'. To delineate the ore shoot along No. 1 vein.

10. Vertical, 230 feet, collar at 4882'. To check the extension of the ore shoot along No. 1 vein.

11. Vertical, 200 feet, collar at 4855'. To delineate the ore shoot along No. 1 vein.

12. Build a new road above the mine area along the west edge of the map (Plate 1) to drill sites Nos. 9, 10, and 11 and prepare drill platforms. Repair the road to the Pyramid mine from the main Rawhide road. This will require approximately thirty-six hours of dozer time.

Edmond E. Lawrence
Consulting Mining Geologist
Reno, Nevada

September 10, 1973

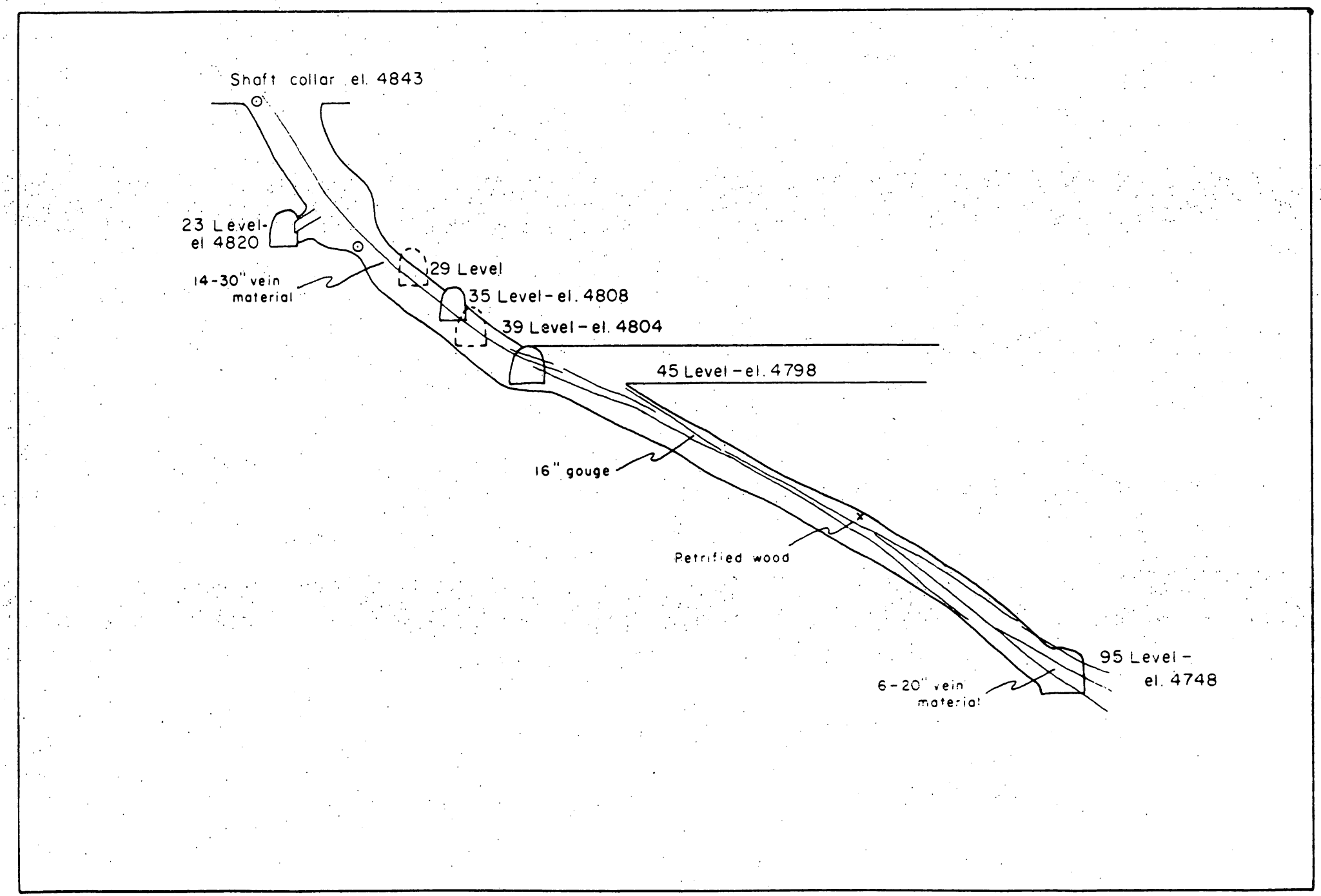


Plate 3 - Cross-section through shaft.

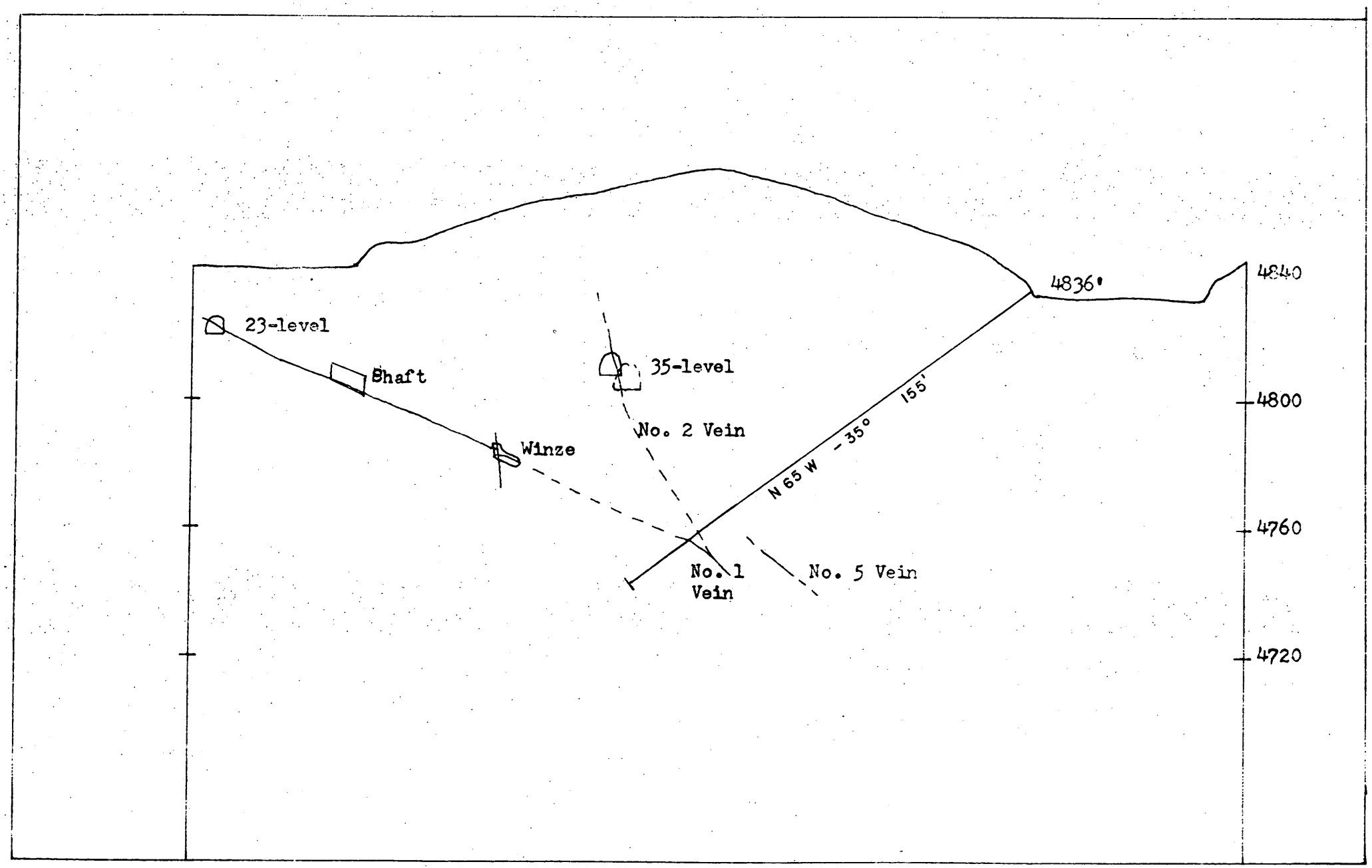


Plate 5 Cross-section - DDH-1

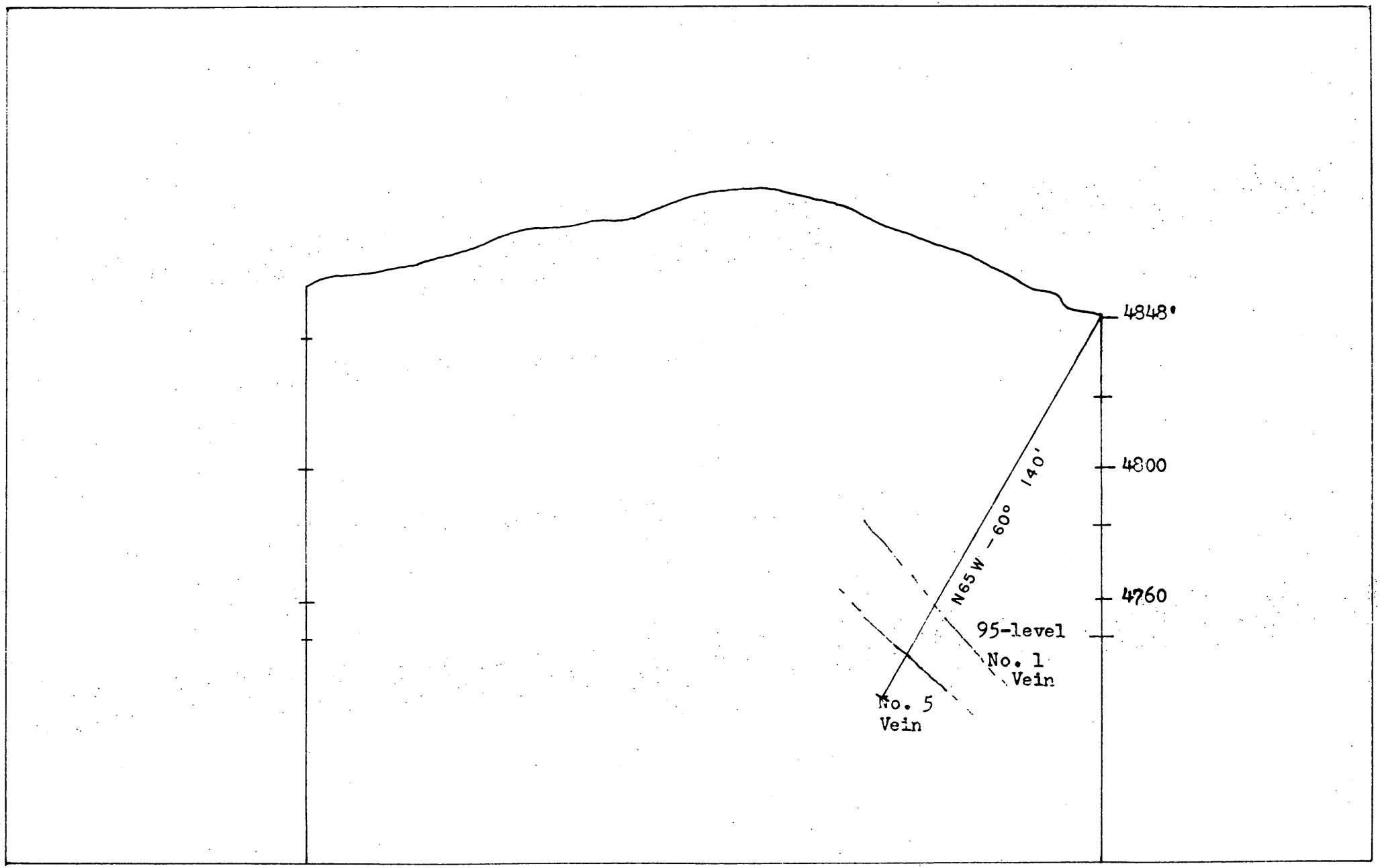


Plate 6 Cross-section DDH-2

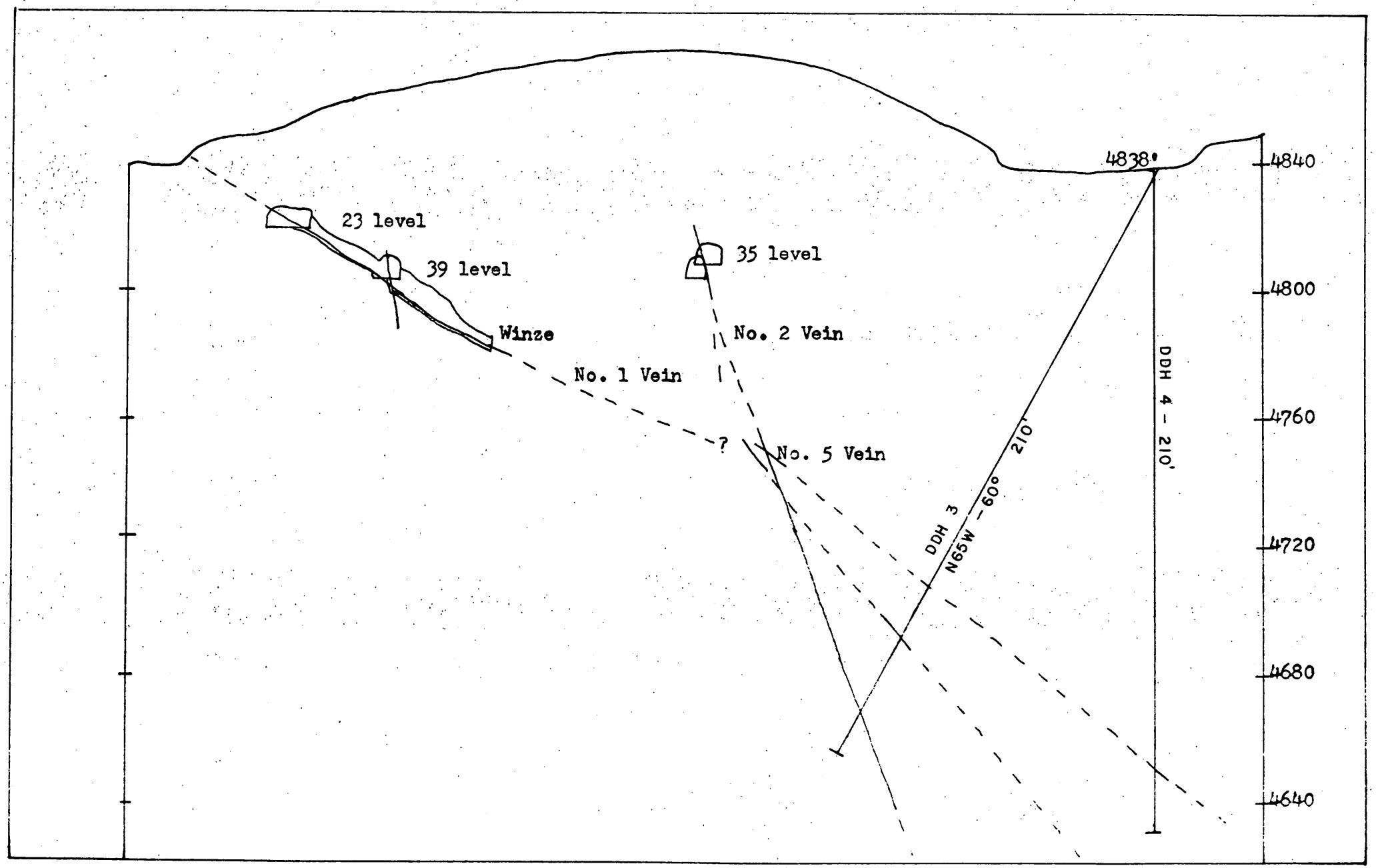


Plate 7 Cross-section DDH 3 and 4

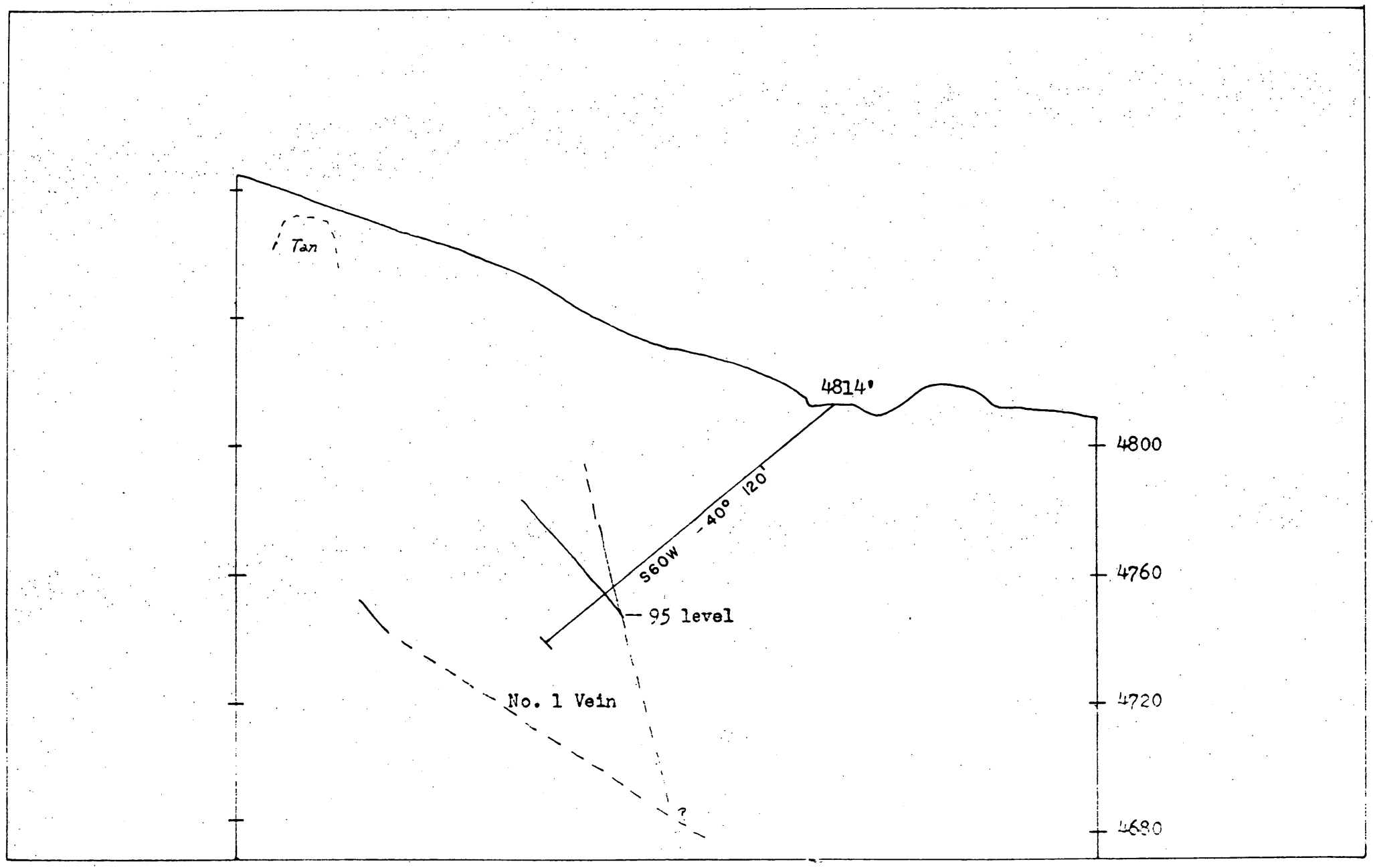


Plate 8. Cross-section DDH 5

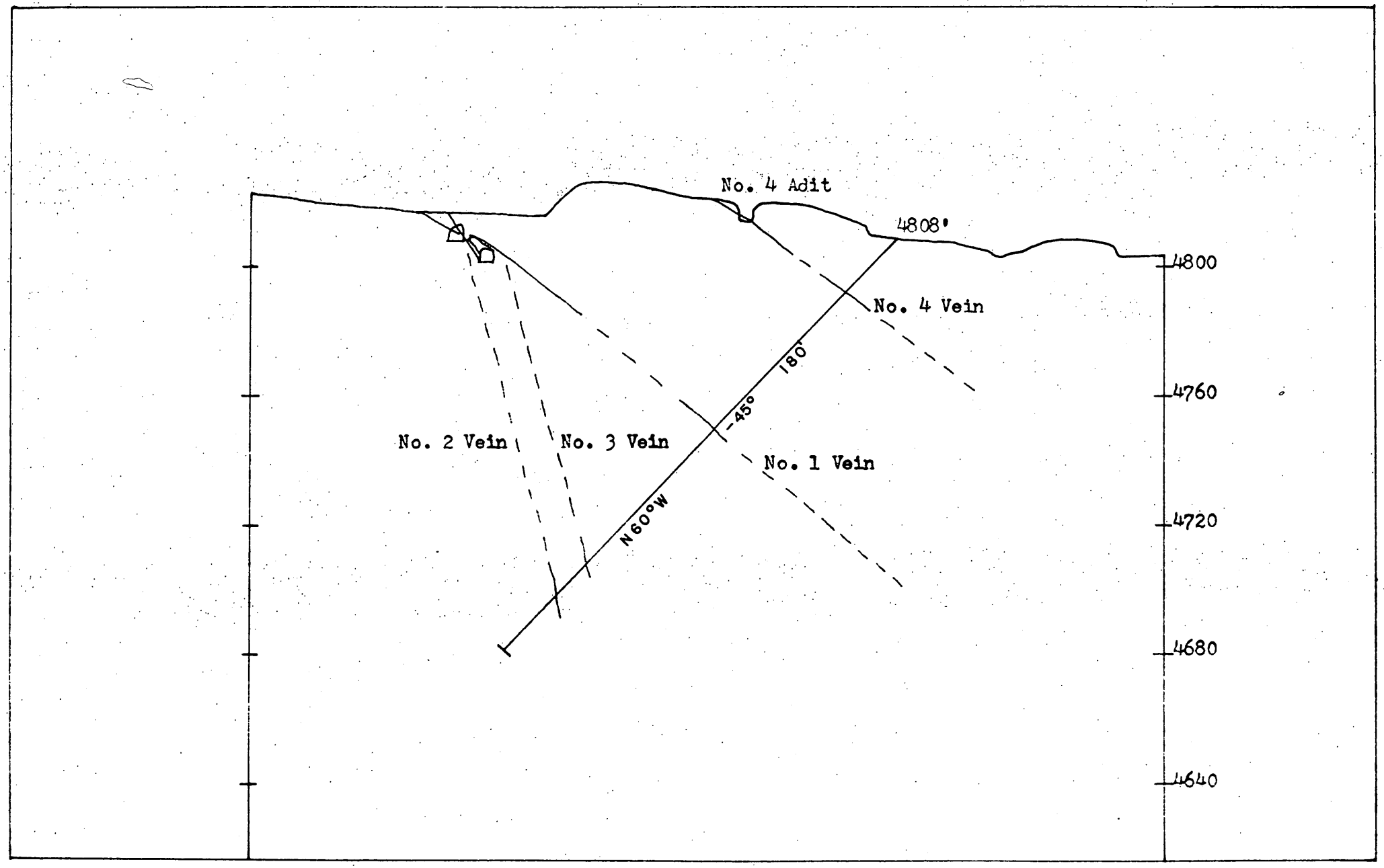


Plate 9. Cross-section DDH 6

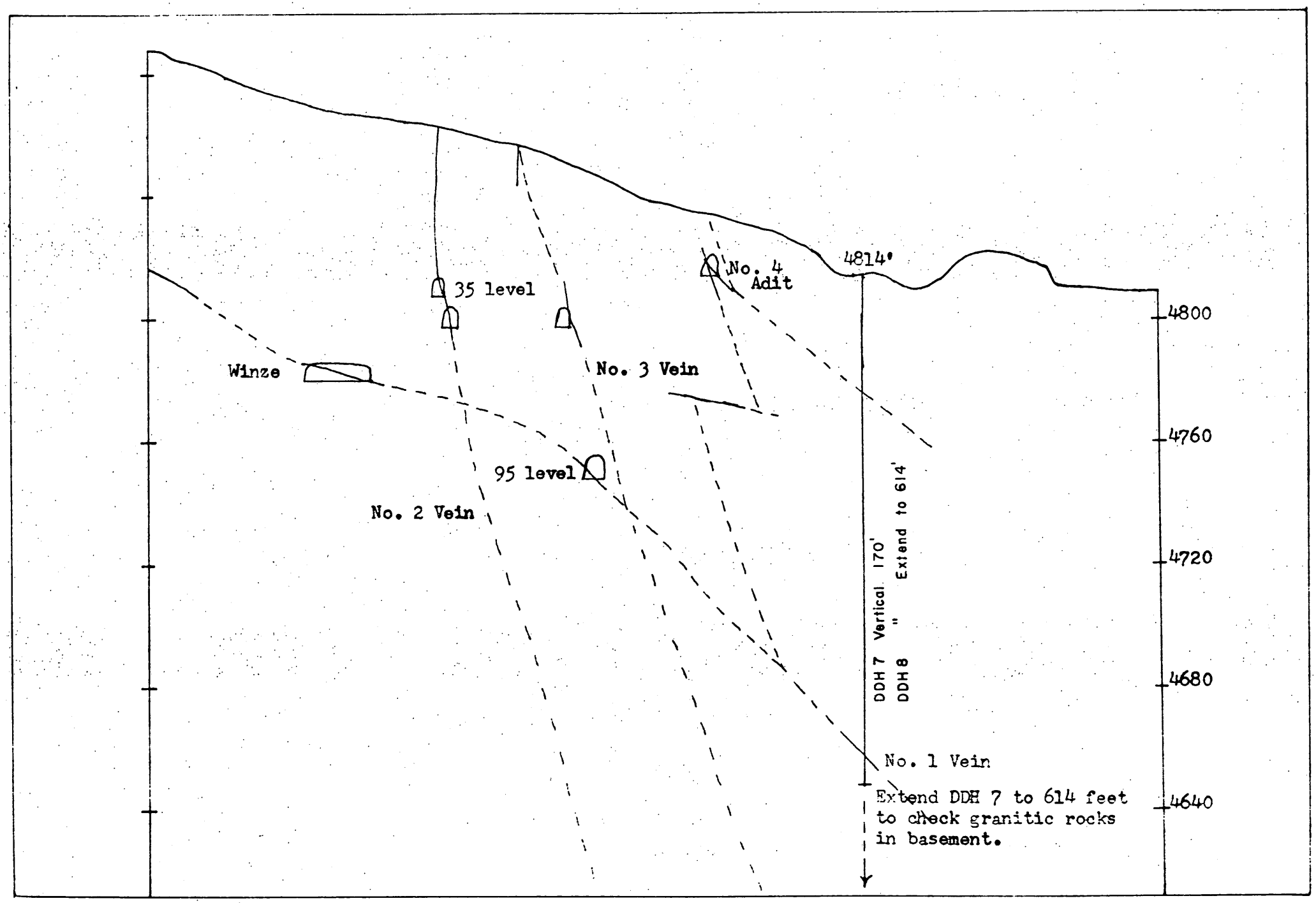


Plate 10. Cross-section DDH 7 and 8.

RESULTS OF SOME EXPLORATORY DRILLING
AT THE
PYRAMID MINE,
TERRILL MINING DISTRICT, CHURCHILL COUNTY, NEVADA,
BY
BERNARD YORK, R.E. No. 161
Prepared for
Nevada Rawhide Mining Company, Inc.
Cheney, Washington. 99004

The Pyramid Mine is in the Terrill Mountains, Terrill Mining District, approximately 25 miles southerly from Fallon, Nevada. The brass cap monument of the Public Land Survey for the ¼ corner between sections 10 and 11, T. 14 N.; R. 29 E., M.D.B.M., is approximately 800 feet easterly of the principal mine workings. This relationship is shown along with other data on the accompanying map. The property, apparently, is within the Walker River Indian Reservation.

The writer did not investigate the mining claims held or being acquired by the Nevada Rawhide Mining Company. nor did he search out or tie by survey any monuments marking the boundaries of such mining claims. Rather, he relied upon Mr. Pete Erb, Fallon, Nevada, to show him the position of the mining area.

GEOLOGY

The mine workings examined are in andesite that appears to be intrusive into tuffaceous rocks. Drill Holes 1 through 4, recently drilled are all within andesite, also. Mineral deposition occurs along several sets of shear zones, one striking northeasterly and dipping to the southeast, another striking about north-south and dipping steeply to the east. There is some evidence that the mineralization is genetically related to the same source as is the andesite intrusive mass.

MINERALIZATION

This area has received the attention of prospectors and miners, intermittently, over a period of many years and some production of gold silver ore is reported from the Pyramid Mine. Several sets of veins have been explored by underground methods and some stoping done (see York report of May 28, 1969). Veins No. 2 and No. 3 strike north-south and dip steeply to the east and are associated with hard, siliceous, outcrops. Elsewhere in the mine silica is not an important part of the vein filling. Vein No. 1, which seems to be more of a gouge zone than a discrete filled vein, contains but minor amounts of quartz and calcite. Metallic minerals are galena, sphalerite, and pyrite, with traces of chalcopyrite, or the oxide products of these minerals. Silver, apparently, is associated with these metallic minerals. Vein No. 1 strikes N. 40 E. and dips 32 to 45 to the southeast. An inclined shaft has been sunk on this vein to an inclined depth of about 170 feet, and work done at several horizons (45 and 95 levels). Since this Vein No. 1 appears to be the main ore structure so far explored, drilling was directed toward the

investigation of this structure at depth below the mine workings.

EXPLORATORY DRILLING

Exploratory drilling was done with a "down-the-hole" (Ingersoll-Rand Drill-master) hammer-drill that cut a 5" diameter hole and recovered the sample as drill cuttings. Its performance was excellent and sample recovery complete.

Two vertical drill holes, Hole No. 1 to a depth of 250 feet and Hole No. 2 to a depth of 235 feet were drilled and samples taken. Some of the samples were taken over a depth interval of 10 feet, others over 5 feet. Assays of all samples from Holes No. 1 and No. 2 showed near "nil" values (assays of a trace in gold and less than one once in silver per ton). The position of these holes is shown on the accompanying map. They both penetrated the projected extension of the No. 1 Vein and the No. 2 Hole was aimed at the projected intersection of the No. 3 Vein with the No. 1 Vein.

Two inclined drill holes, Hole No. 3 and Hole No. 4, were drilled from a setup near the position of Hole No. 2. Holes No. 3 and No. 4 were inclined at 45 degrees and pointed to cut across the projected vein structures. Hole No. 3 to the northwest to cut the No. 2 Vein and the No. 1 Vein. Hole No. 4 to the southwest to cut the No. 1 Vein and, speculatively, the contact between the andesite and the tuffs. The projected depth of both of these holes was 300 feet, but they both had to be called off short because of drilling difficulties. Hole No. 3 at a depth of 195 feet and Hole No. 4 at a depth of 240 feet. Samples from Hole No. 3 show some mineralization. Samples 11, 12, 13, 14 and 19 show some gold and silver values, not ore, but sufficient metal to indicate that mineral bearing structures were penetrated. Hole No. 4 entered a mineralized zone at an inclined depth of 170 feet (sample No.18) (vertical depth below the surface of 120 feet) and shows some mineralization to the bottom depth of 240 feet. Sample intervals in Hole No. 4 were 10 feet. The assay results of samples No. 17 through 24 are shown on the accompanying map. Sample NO. 18, the best in the lot, shows, 0.07 oz. per ton gold and 15.47 oz. per ton silver. Sample No. 19 contains 0.05 oz. per ton gold and 7.38 oz. per ton silver. The quality of material indicated here, while not "highgrade" is sufficient to indicate an important discovery. Inspection of the vertical view of the map shows that the mineralized portion of Hole No. 4 begins at the No. 1 Vein as that vein is projected, an extends downward. Further, the mineral characteristics of these samples are similar to material observed in the No. 1 Vein in the mine workings. Inspection of pan concentrates of these samples shows galena, sphalerite, pyrite. My estimate of the quantity of sulphide concentrates (total) for samples No. 18 and No. 19 is about 2% of the material. For samples No. 20 through 24, some what less. Estimated at about ½% to 1% of the sample material. The material of samples No. 18 through No. 24 show no iron oxide or manganese oxide. Oxidation appears to cease at the depth of Sample No. 17.

RECOMMENDATIONS

Hole No. 4 brought up some interesting information, showing some mineralization over 60 feet of this hole and the minerals present are similar in composition to those elsewhere in the Pyramid Line. However, the real potential of this find remains to be tested. Hole No. 4 gives one set of samples but the true shape, size and attitude of the structure remain undetermined at this time. Additional exploratory drilling should be done. First, a vertical hole through the structure very near where Hole No. 4 penetrated the structure. This hole would obtain more information on the geometry of this ore structure and thus provide some guidace for additional drilling. Then more holes (vertical if the topography will permit) should be drilled off to the west, south and southwest, as the accumulated results indicate. Tractor work will be necessary in preparing the surface for drill sites and roadways leading to such sites.

This first hole of the new set, which we shall call "proposed hole No. 5", should enter the structure at a vertical depth of about 160 feet (it will be collared at a horizon about 40 feet abouve that of Hole No. 4) and should go to a depth of at least 220 feet. This next stage of exploring should provide for at least 1000 feet of drilling but the choice of position of holes, beyond the Proposed Hole No. 5, should await the results of drilling of Proposed Hole No. 5. If the drilling of this second set of holes begins to prove up a body of ore, and the prospects appear favorable for finding such a body, then further exploring can be planned as circumstances indicate.

Drilling with the "down-the-hole" drill proved fairly satisfactory for Holes Nos. 1 through 4, and, provided vertical holes can be employed, would probably be satisfactory for the next set of holes. This tool is fast, but seems to get into trouble on inclined holes. However, what ever type of drill be used, I suggest that investigation of the sample material be done immediately upon gaining that material. This can be done by panning and inspection of the pan concentrates. Information gained immediately can be put to use in guiding the drilling. The samples will still have to be assayed but this hurry-up information can be of real help in reaching decisions that can not await the assays.

Sample tabulations and assays are attached herewith.

respectfully submitted,

Bernard York

Bernard York, R.E. No. 161
2475 Rice Road
Fallon, Nevada. 89406
September 9, 1969.

Mineral Assay Office, Inc.

ASSAYERS & CHEMISTS

E. E. BATES, JR., MGR.
P. O. BOX 275 MINA, NEVADA 89422
PHONE: MINA 201

Nevada Rawhide Mining Co., Inc.
Cheney, Washington 99004

August 20, 1969

ASSAY CERTIFICATE

Office Number		Sample Mark	Gold Oz./Ton	Silver Oz./Ton	DEPTH INTERVAL FT.
30,315	Hole 1	0' - 10'	Trace	0.12	0-10
30,316	"	10' - 20'	0.005	0.09	10-20
30,317	"	20' - 30'	Trace	0.10	20-30
30,318	"	30' - 40'	Trace	Nil	30-40
30,319	"	40' - 50'	Trace	0.06	40-50
30,320	"	50' - 60'	Trace	0.07	50-60
30,321	"	60' - 65'	Trace	0.09	60-65
30,322	"	65' - 70'	Trace	0.05	65-70
30,323	"	70' - 75'	Trace	0.04	70-75
30,324	"	75' - 85'	Trace	0.12	75-85
30,325	"	85' - 95'	Trace	0.09	85-95
30,326	"	95' - 100'	Trace	0.02	95-100
30,327	"	105' - 115'	Trace	0.09	105-115
30,328	"	115' - 125'	Trace	Nil	115-125
30,329	"	125' - 135'	Trace	0.07	125-135
30,330	"	135' - 145'	Trace	Nil	135-145
30,331	"	145' - 155'	Trace	0.12	145-155
30,332	"	155' - 165'	Trace	0.06	155-165
30,333	"	165' - 175'	Trace	0.06	165-175
30,334	"	175' - 185'	Trace	0.07	175-185
Number		**Mark**	**Oz./Ton**	**Oz./Ton**	
30,335	Hole 1	185' - 195'	Trace	0.17	185-195
30,336	"	195' - 205'	Trace	0.08	195-205
30,337	"	205' - 215'	0.01	0.49	205-215
30,338	"	215' - 220'	Trace	0.14	215-220
30,339	"	220' - 225'	Trace	0.17	220-225
30,340	"	225' - 230'	Trace	0.11	225-230
30,341	"	230' - 235'	Trace	0.12	230-235
30,342	"	235' - 240'	Trace	Nil	235-240
30,343	"	240' - 245'	Trace	0.12	240-245
30,344	"	245' - 250'	Trace	0.18	245-250

By E. E. Bates Jr.
Assayer

Mineral Assay Office, Inc.

COPY

ASSAYERS & CHEMISTS

E. S. GATES, JR., MGR.
P.O. BOX 278 MINA, NEVADA 89422
PHONE: MINA 901

Nevada Rawhide Mining Co., Inc.
Cheney, Washington 99004

August 9, 1969

ASSAY CERTIFICATE

Office Number	Sample Mark	DEPTH INTERVAL FT.	Gold Oz./Ton	Silver Oz./Ton
30,345	Hole 2	0' - 10'	Trace	0.05
30,346	"	10' - 20'	Trace	0.14
30,347	"	20' - 30'	Trace	0.02
30,348	"	30' - 40'	Trace	0.07
30,349	"	40' - 50'	Trace	0.05
30,350	"	50' - 60'	Trace	0.09
30,351	"	60' - 70'	Trace	0.34
30,352	"	70' - 80'	Trace	0.11
30,353	"	80' - 90'	Trace	0.09
30,354	"	90' - 100'	Trace	0.14
30,355	"	100' - 110'	Trace	0.12
30,356	"	110' - 120'	0.005	0.08
30,357	"	120' - 130'	Trace	0.20
30,358	"	130' - 140'	Trace	0.12
30,359	"	140' - 150'	Trace	0.19
30,360	"	150' - 155'	Trace	0.09
30,361	"	155' - 160'	Trace	0.11
30,362	"	160' - 165'	Trace	0.09
30,363	"	165' - 170'	Trace	0.21
30,364	"	170' - 175'	Trace	0.09
30,365	"	175' - 180'	Trace	0.09
30,366	"	180' - 185'	Trace	0.07
30,367	"	185' - 190'	Trace	0.09
30,368	"	190' - 195'	Trace	0.07
30,369	"	195' - 200'	Trace	0.05
30,370	"	200' - 205'	Trace	0.02
30,371	"	205' - 210'	Trace	0.04
30,372	"	210' - 215'	0.025	0.13
30,373	"	215' - 220'	Trace	0.07
30,374	"	220' - 225'	Trace	0.09
30,375	"	225' - 230'	0.005	0.10
30,376	"	230' - 235'	Trace	0.08

By E. S. Gates Jr. & Co
Assayer

Mineral Assay Office, Inc.

ASSAY CERTIFICATE

ASSAYERS & CHEMISTS

E. S. GATES, JR., MGR.

P. O. BOX 275 MINA, NEVADA 89422

PHONE: [illegible]

Nevada Rawhide Mining Co., Inc.
Mr. Clarence Davis
114 College
Cheney, Washington

August 27, 1969

WE HEREBY SUBMIT THE RESULTS OF ASSAYS MADE ON THE FOLLOWING SAMPLES:

OFFICE No.	SAMPLE MARK	GOLD OZ. PER TON	SILVER OZ. PER TON	DEPTH INTERVAL FT.
	Hole #3			
30,377	#1	Trace	0.11	0-10
30,378	2	Trace	0.11	10-20
30,379	3	Trace	0.14	20-30
30,380	4	Trace	0.10	30-40
30,381	5	Trace	1.65	40-50
30,382	6	Trace	1.41	50-60
30,383	7	0.005	0.43	60-70
30,384	8	0.005	0.18	70-80
30,385	9	Trace	0.26	80-90
30,386	10	Trace	0.45	90-100
30,387	11	Trace	1.71	100-110
30,388	12	Trace	1.37	110-120
30,389	13	Trace	2.39	120-130
30,390	14	Trace	1.17	130-140
30,391	15	Trace	0.59	140-150
30,392	16	Trace	0.31	150-160
30,393	17	Trace	0.54	160-170
30,394	18	Trace	0.32	170-180
30,395	19	Trace	4.54	180-190
30,396	20	Trace	0.22	190-195

By E. S. Gates Jr.
Assayer

Mineral Assay Office, Inc.

ASSAY CERTIFICATE

ASSAYERS & CHEMISTS

E. S. GATES, JR., MGR.
P. O. BOX 275 MINA, NEVADA 89422
PHONE: 702-573-2235

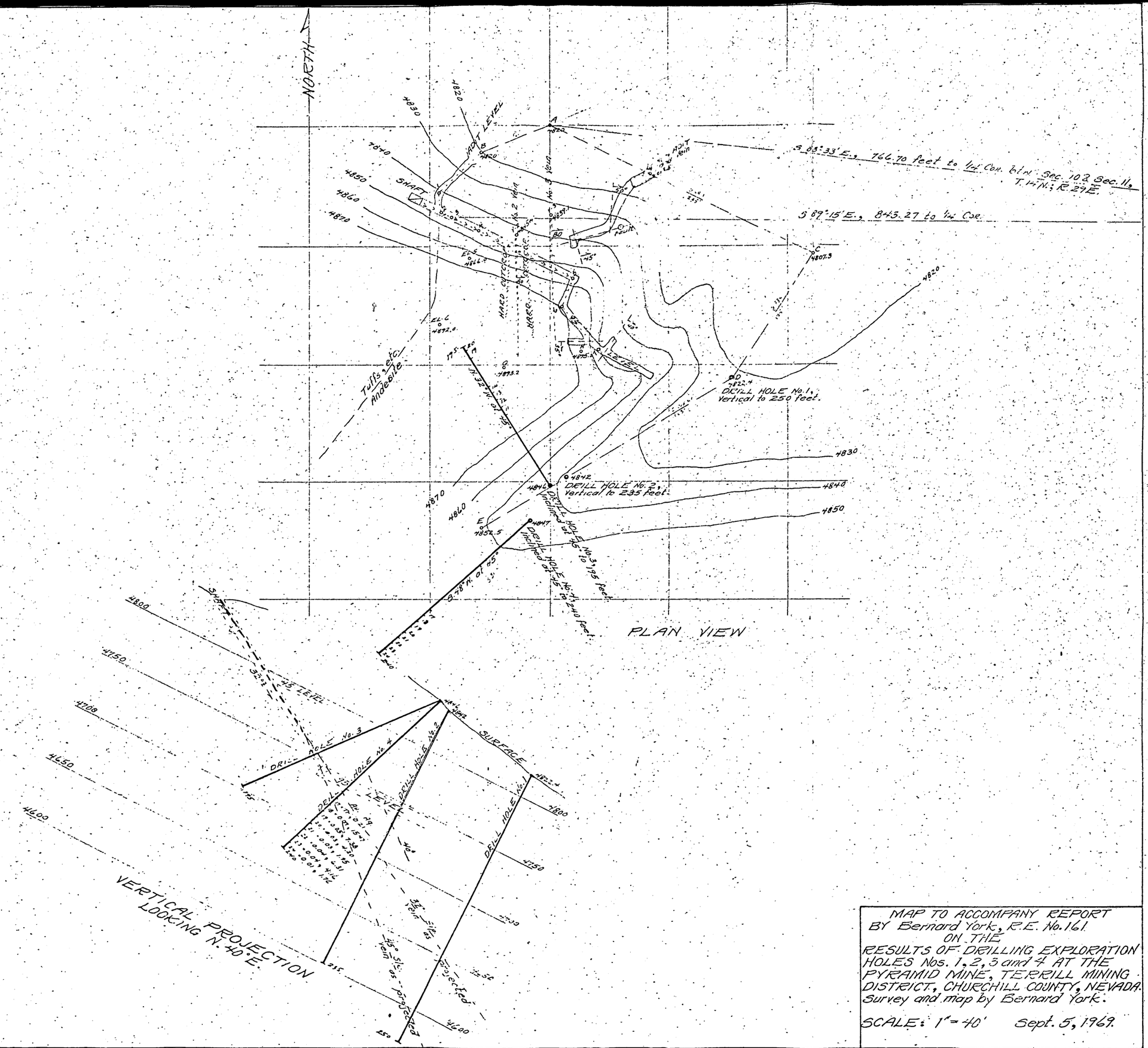
Nevada Rawhide Mining Co., Inc.
Mr. Clarence Davis
114 College
Cheney, Washington

August 27, 1969

WE HEREBY SUBMIT THE RESULTS OF ASSAYS MADE ON THE FOLLOWING SAMPLES:

OFFICE No.	SAMPLE MARK	GOLD OZ. PER TON	SILVER OZ. PER TON	DEPTH INTERVAL FT.
	Hole #4			
30,397	#1	Trace	0.11	0-10
30,398	2	Trace	0.09	10-20
30,399	3	0.01	0.11	20-30
30,400	4	Trace	0.19	30-40
30,401	5	Trace	0.10	40-50
30,402	6	Trace	0.15	50-60
30,403	7	Trace	0.10	60-70
30,404	8	Trace	0.14	70-80
30,405	9	Trace	0.16	80-90
30,406	10	Trace	0.12	90-100
30,407	11	Trace	0.15	100-110
30,408	12	Trace	1.20	110-120
30,409	13	Trace	1.92	120-130
30,410	14	Trace	0.86	130-140
30,411	15	Trace	0.54	140-150
30,412	16	Trace	0.29	150-160
30,413	17	Trace	0.21	160-170
30,414	18	0.07	15.47	170-180
30,415	19	0.05	7.38	180-190
30,416	20	0.03	4.20	190-200
30,417	21	0.03	1.95	200-210
30,418	22	0.04	6.31	210-220
30,419	23	0.04	4.16	220-230
30,420	24	0.01	1.76	230-240

By E. S. Gates Jr.
Assayer



MAP TO ACCOMPANY REPORT
BY Bernard York, R.E. No. 161
ON THE
RESULTS OF DRILLING EXPLORATION HOLES Nos. 1, 2, 3 and 4 AT THE PYRAMID MINE, TERRILL MINING DISTRICT, CHURCHILL COUNTY, NEVADA.
Survey and map by Bernard York.

SCALE: 1" = 40' Sept. 5, 1969.

PYRAMID MINE

Holy Cross (Terrell) Mining District
Churchill County, Nevada

By

Edmond F. Lawrence
Mining Geologist

PYRAMID MINE
Holy Cross (Terrell) Mining District
Churchill County, Nevada

By
Edmond F. Lawrence
Mining Geologist

The Pyramid mine is located in the Holy Cross (Terrell) Mining District, Churchill County, Nevada, approximately 25 miles south of Fallon, the county seat. It lies on the northern slope of the Terrill Mountains, within the boundaries of the Walker River Indian Reservation, and three miles west of Camp Terrell. The property is in an area of low to moderate relief, and may be reached by 20 miles of paved highway and 5 miles of good dirt roads. Water is scarce, but probably can be obtained by drilling on the flat below the mine. The winters are mild in this area, and drilling and mining operations may continued the year-round.

The writer made no effort to check the validity of the mining claims belonging to the Nevada Rawhide Mining Company. Because of previous work for other clients in the area, the writer obtained written permission from all parties concerned before proceeding with the work.

GEOLOGY

The Pyramid Mine is underlained by tuffaceous rocks consisting of both water-lain and air-lain tuffs, with at least two ash-flows cooling units. These are the same units described by Lawrence (1967) in the Calico area 6 miles to the south. These tuffs have been intruded by andesite plugs, dikes, and sills (Plate 1) similar to those in the Calico area. The so-called lavender rhyolite of Schrader (1947) is an alteration halo around the andesite intrusives, and serves as a guide to buried intrusives. The andesite varies

in texture, composition, and color, but usually have some euhedral phenocrysts of plagioclase.

At the mouth of the canyon approximately one mile north of the Pyramid Mine, diorite occurs beneath the tuffaceous rocks, and extends for about two miles along the front of the range. This diorite contains considerable pyrite in the southernmost outcrop in the canyon below the mine. This diorite probably extends under the Pyramid mine area, and may provide a good exploration target. No sediments have been observed to date in this area, but are probably present under at least part of the area.

The Pyramid Mine occurs within the Walker Lane fault zone. At least one set of faults in the mine area is related to movement along the Walker Lane, and probably the intrusives and mineralization are related to activity along this zone.

The veins in the Pyramid Mine strike N 15-60°E, usually with a southeasterly dip, with another system of veins striking due north to N 10°W and dipping at an high angle, usually easterly, (Plate 2). These veins have been cut by an east-west fault and several northwestly faults, all with only minor displacement.

MINERALIZATION

The veins varies in width from a few inches to six feet, with some wider zones in ore-shoots. The gangue is usually quartz with minor calcite. Stringers of high-grade ore occur in wide gouge zone along the structures, with the gouge being silicified in places. These areas are usually ore.

These veins contain gold, silver, lead, copper, zinc, nickel, and manganese, occurring as cerargyrite, argentite (acanthite), galena, chalcopyrite, pyrite, malachite, and rhodochrosite, (Schrader, 1947).

Schrader describes the various mines in the district, but does not give

a detail account of the Pyramid mine. He states that the highest grade ore occurs near the andesite contact in the tuff, but the best and most extensive veins lies in the andesite, (Schrader, 1947).

Mapping by the writer in the area surrounding Camp Terrell has shown a spatial, if not genetic, relationship between the andesite intrusives and the mineralization. There appears to be numerous andesitic intrusives in this area, possibly due to a dike-swarm beneath the area. If this should be the case, then exploration in the andesite-diorite might be profitable, and such exploration should be considered in any drilling program in the area. These same relationships are seen in several of the bonanza silver camps of Nevada.

RECOMMENDATIONS

It is recommended that the following drilling program be considered by Nevada Rawhide Mining Company, possibly in cooperation with the Office of Mineral Exploration. The holes are not listed in any definite priority, but it is strongly recommended that any drilling program should seriously consider at least one deep hole to the andesite-diorite contact. These proposed holes are shown on Plate 1, and are also shown in cross-section on Plates 5 - 10. These latter plates show the intersecting structures that would be cut by each hole. The assay map (Plate 4) and underground geologic map (Plate 2) show the ore-shoots that have been mined by previous operators. The writer took samples in present faces as well as stope pillars, and are shown on the assay map as the "CT" series.

1. Inclined, -35°, 155 feet, collar at 4836'. To check the intersection of No. 1 and No. 2 veins for a possible ore-shoot. N 65°W

2. Inclined, -60°, 140 feet, N 65°W, collar at 4848'. To cut No. 1 and No. 5 veins.

3. Inclined, -60°, N 65°W, 210'. To check the intersection of No. 1 and No. 2 veins on the 195-foot level. Collar at 4838'.

4. Vertical, 210', collar at 4838'. To check No. 5 and No. 1 veins

5. Inclined, -40°, S 60°W, 120', collar at 4814'. To check the intersection of two veins north of 1E drift on the 95-foot level. Necessary to drill rather than drift as mine is not presently equipped. This is not development work.

6. Inclined, -45°, N 60°W, 180', collar at 4808'. To check area north of east-west fault at No. 1, 2, 3, and 4 veins, and the rake of the present ore-shoot.

7. Vertical, 170', collar at 4814'. To check No. 4 vein and the area below the intersection of No. 1 vein with another weakly mineralized structure that appears in No. 4 adit.

8. Extend No. 7 drill hole to a total depth of 6i4 feet, to check the contact of the andesite, tuff, and diorite at depth. Some geophysical data indicate a possible mineralized zone in the diorite. There is a possibility of a disseminated-type deposit below, with some possibility of silver mineralization of higher grade at depth associated with the andesite. Camp Terrell has never been fully explored, with only small high-grading operations in the past.

Edmond F. Lawrence
Consulting Mining Geologist
Reno, Nevada

August 1, 1968

REFERENCES

Lawrence, Edmond F. and Redmond, Robert L., 1967, Exploration of the Calico area, Walker River Indian Reservation, Mineral County, Nevada, Pre-print No. 67-I-311, Am. Inst. Min. Eng.

Nielsen, Richard L., 1965, Right-lateral strike-slip faulting in the Walker Lane, west-central Nevada, Bull., Geol. Soc. Am., Vol. 76, p. 1301-1308.

Ross, Donald C., 1961, Geology and mineral deposits of Mineral County, Nevada, Bull. 58, Nev. Bur. Mines.

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Vanderburg, William O., 1940, Reconnaissance of mining districts in Churchill County, Nevada, U.S. Bur. Mines, I.C. 7093.

Mineral Assay Office, Inc.

ASSAY CERTIFICATE

ASSAYERS & CHEMISTS

E. S. GATES, JR., MGR.
P. O. BOX 275 MINA, NEVADA 89422
PHONE: MINA 301

Nevada Rawhide Mining Co.
» c/o E. F. Lawrence
P.O. Box 8044, Univ. Sta.
Reno, Nevada

July 24, 1968

WE HEREBY SUBMIT THE RESULTS OF ASSAYS MADE ON THE FOLLOWING SAMPLES:

Office Number	Sample Mark			Gold Oz./Ton	Silver Oz./Ton
27,042	CT - 2	Pod		Trace	6.93
27,043	CT - 4	14"	95 Level	Trace	2.62
27,044	CT - 5	20"		0.01	1.85
27,045	CT - 6	90"		0.005	4.57
27,046	CT - 7	1"		0.005	131.18
27,047	CT - 8A	36"		0.03	25.30
27,048	CT - 8B	4"	Sp.	0.07	115.66
27,049	CT - 9	54"		Trace	33.57

By _____
Assayer

Mineral Assay Office, Inc.

ASSAY CERTIFICATE

ASSAYERS & CHEMISTS

E. S. GATES, JR., MGR.
P. O. BOX 275 MINA, NEVADA 89422
PHONE: MINA 301

Nevada Rawhide Mining Co.
" c/o Mr. E. F. Lawrence
P.O. Box 8044, Univ. Sta.
Reno, Nevada

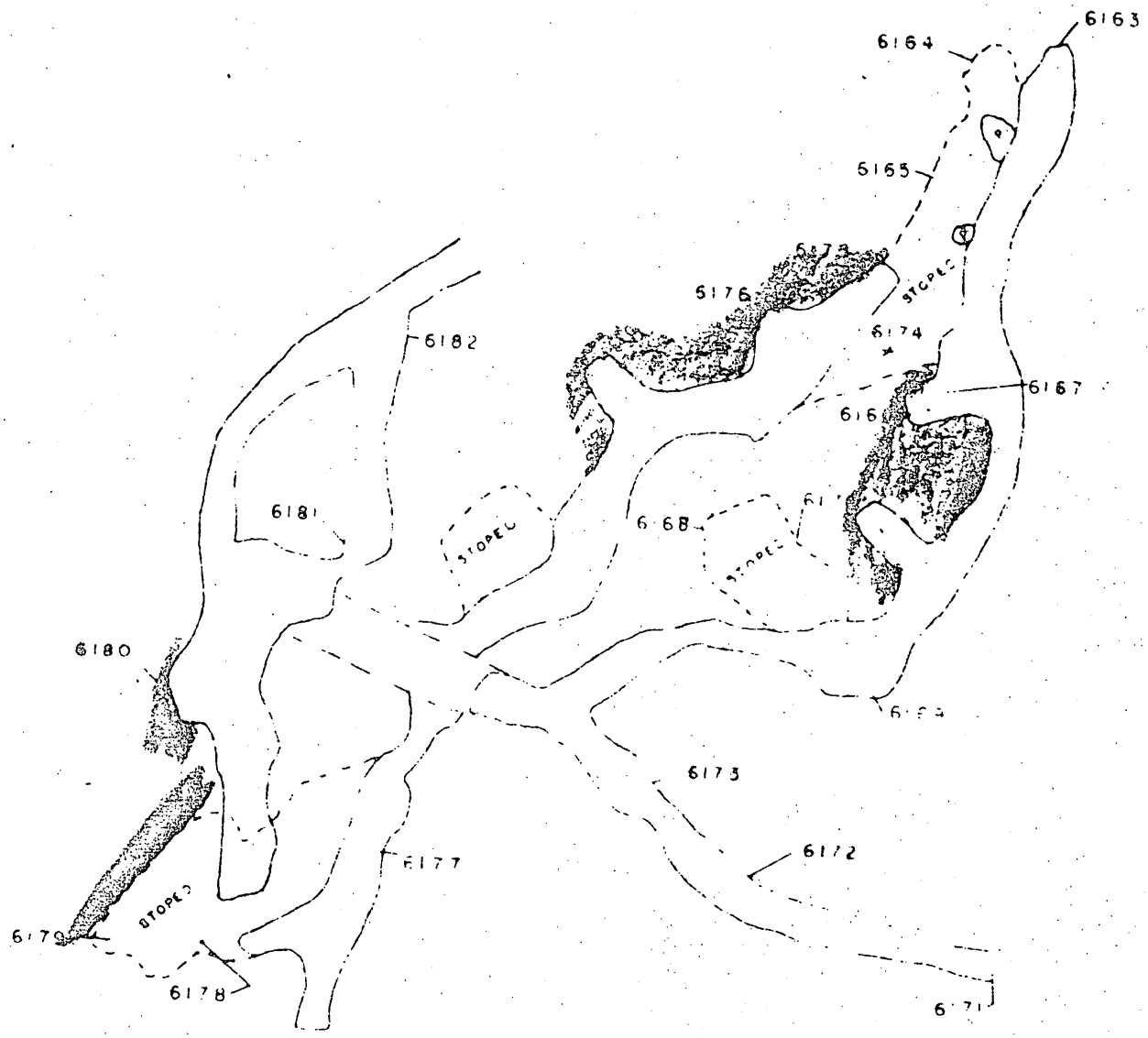
July 26, 1968

WE HEREBY SUBMIT THE RESULTS OF ASSAYS MADE ON THE FOLLOWING SAMPLES:

Office Number		Sample Mark	Gold Oz./Ton	Silver Oz./Ton
27,050	CT-10	36"	Trace	9.24
27,051	CT-11	36"	Trace	6.04
27,052	CT-12	96 Level 60"	Trace	Nil
27,053	CT-13	12" Adit Level	0.005	2.11
27,054	CT-14	24" Adit Level	0.01	13.47
27,055	CT-15	36" Vert.	Trace	0.82
27,056	CT-16	26"	Trace	0.74
27,057	CT-17	44"	Trace	0.42
27,058	CT-18	14" #4 Vein	Trace	2.38

By _____
Assayer

NO	W	Au	Ag.	Pb	
6159	1.7	Tr	8.7	Tr	
6160	1.4	0	8.5	0	
6161	12.0	0	4.7	0	
6162	4.5	0	0.5	Tr	
6163	4.0	–	1.2	0	
6164	4.0	–	3.2	Tr	
6165	3.4	–	4.8		
6166	0.5	0.01	475.4	9.4	
6167	0.2	Tr	85.5	0.9	
6168	2.4		7.6	0.1	
6169	1.8	–	1.8	Tr	
6170	1.5	–	12.4	0	
6171		–	20.2	Tr	Grab-gob in crosscut
6172	8.6	Tr	5.7	0	
6173	1.5	–	4.0	Tr	
6174		–	19.2	Tr	Grab-gob in stope
6175	9.1	0	4.9	Tr	
6176	4.0	–	24.8	Tr	
6177	1.0	–	152.	0	
6178	0.7	0.01	60.7	1.0	
6179	0.15		749.8	20.1	
6180	1.0		52.2	1.0	
6181	1.0		29.6	Tr	
6182	0.8		36.4	Tr	
6183			16064.	25.1	COMPOSITE HI-GRADE



SAMPLE MAP OF MAIN UNDERGROUND WORKINGS

1"=20'

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Silver Arrow Mining Co., Inc.
Rt. 1, Box 24
Cheney, Wash. 99004
February 11, 1974

United States Department of the Interior
12201 Sunrise Valley Drive
Reston, Virginia 22092

Re: OME-6896 (Silver)
Silver Arrow Mining Co., Inc.
Pyramid Mine
Churchill County, Nevada

Attention: Harold Kirkemo

Dear Sir:

In reply to your letter of Feb. 4, 1974, we are at this time withdrawing our application for financial assistance in the proposed exploration work of the Pyramid Mine, Churchill County, Nevada.

It is our intentions to proceed on a very limited drilling program and should O.M.E. funds become available in the future, we will be interested in resubmitting our application.

Thank you for your time and efforts in our behalf.

Sincerely,

Robert E. Gee

Robert E. Gee, Pres.
Silver Arrow Mining Co., Inc.

RG/hp

Use New docket No.

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
Office of Minerals Exploration
345 Middlefield Road
Menlo Park, California 94025

December 4, 1973

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O. M. E.
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Memorandum

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer
Region II

Subject: New Application (Silver)
OME-6658 Revised
Silver Arrow Mining Co., Inc.
Pyramid Mine
Churchill County, Nevada

Enclosed is one copy of a new application received in this office December 3, 1973. A duplicate copy is retained in our file.

An OME contract to drill seven holes was offered to the Nevada Rawhide Mining Company in April 1969. The proposed contract was unacceptable to the company because an eighth hole (614 feet deep) was not included. The target of hole 8 was the contact of the andesite host rock with underlying diorite, where some geophysical data (unspecified) indicate a possible mineralized zone. Hole 8 was considered by OME to be prospecting rather than exploration, and therefore not an allowable cost in an OME contract. The proposed contract was returned to OME unsigned by the company; it and the application are considered by OME as withdrawn.

Since then, during 1969, the company drilled four holes, one of which coincided with a hole in the proposed contract, and two of which intersected an ore shoot.

This new application, by a successor company composed mainly of the same people, is a proposal to drill the same eight holes and an additional three holes. The additional holes are to delineate the ore found by the two holes that intersected ore, and probably would be recommended by the OME Field Officer. Hole 8, however, would not be recommended since no new geologic data are submitted to alter the conclusion that it is prospecting rather than exploration. The company might again refuse to sign a contract that excludes hole 8.

The application is incomplete with respect to financial eligibility. Letters from two banks refusing to loan $40,968 are included, but letters to the banks showing date of loan request, amount and terms requested, and proposed use of loan funds are omitted.

R. M. Smith
for H. K. Stager

Enclosures

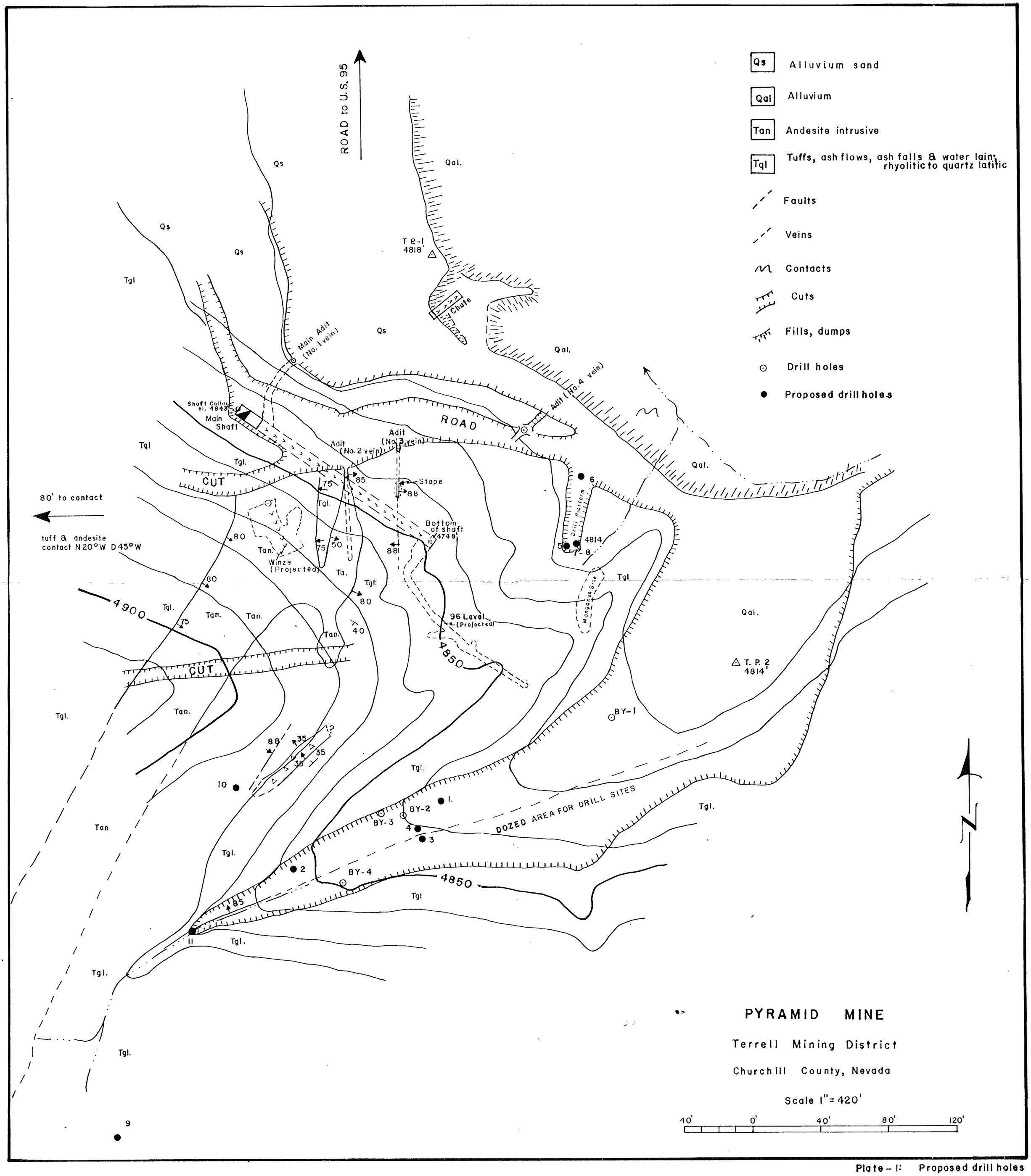

Plate – 1: Proposed drill holes