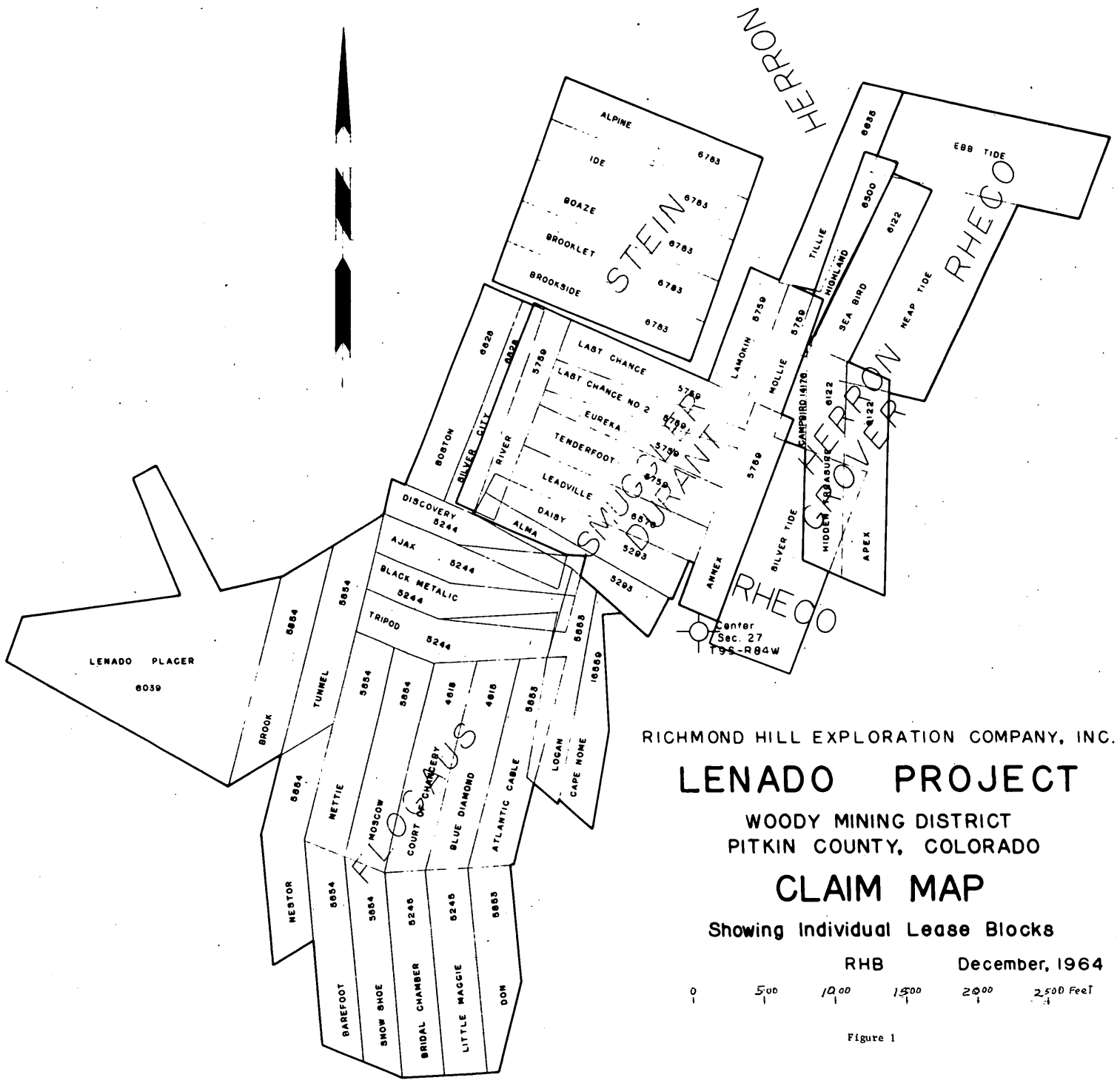

RICHMOND HILL EXPLORATION COMPANY, INC.

LENADO PROJECT

WOODY MINING DISTRICT
PITKIN COUNTY, COLORADO

CLAIM MAP

Showing Individual Lease Blocks

RHB December, 1964

0 500 1000 1500 2000 2500 Feet

Figure 1

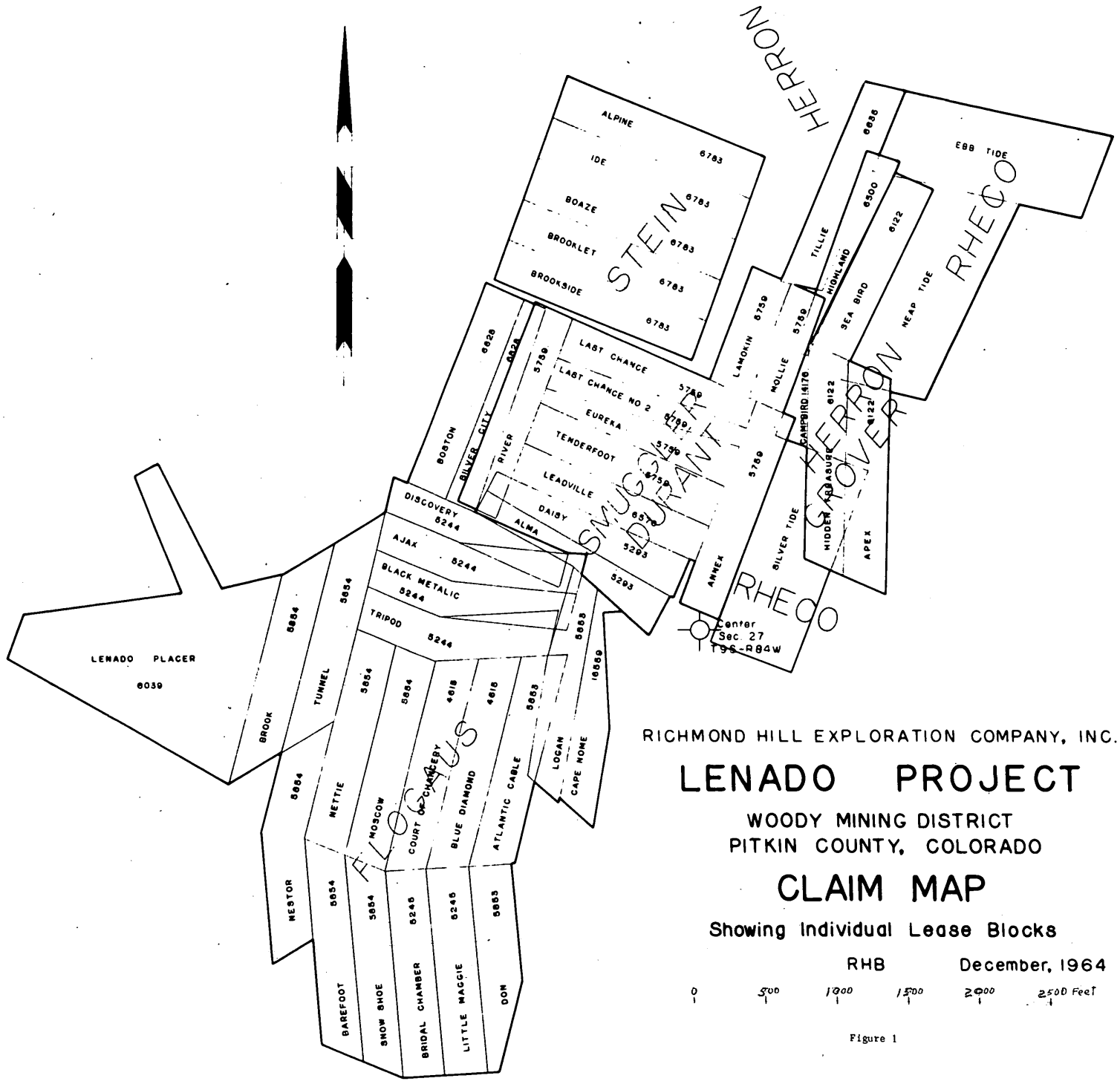

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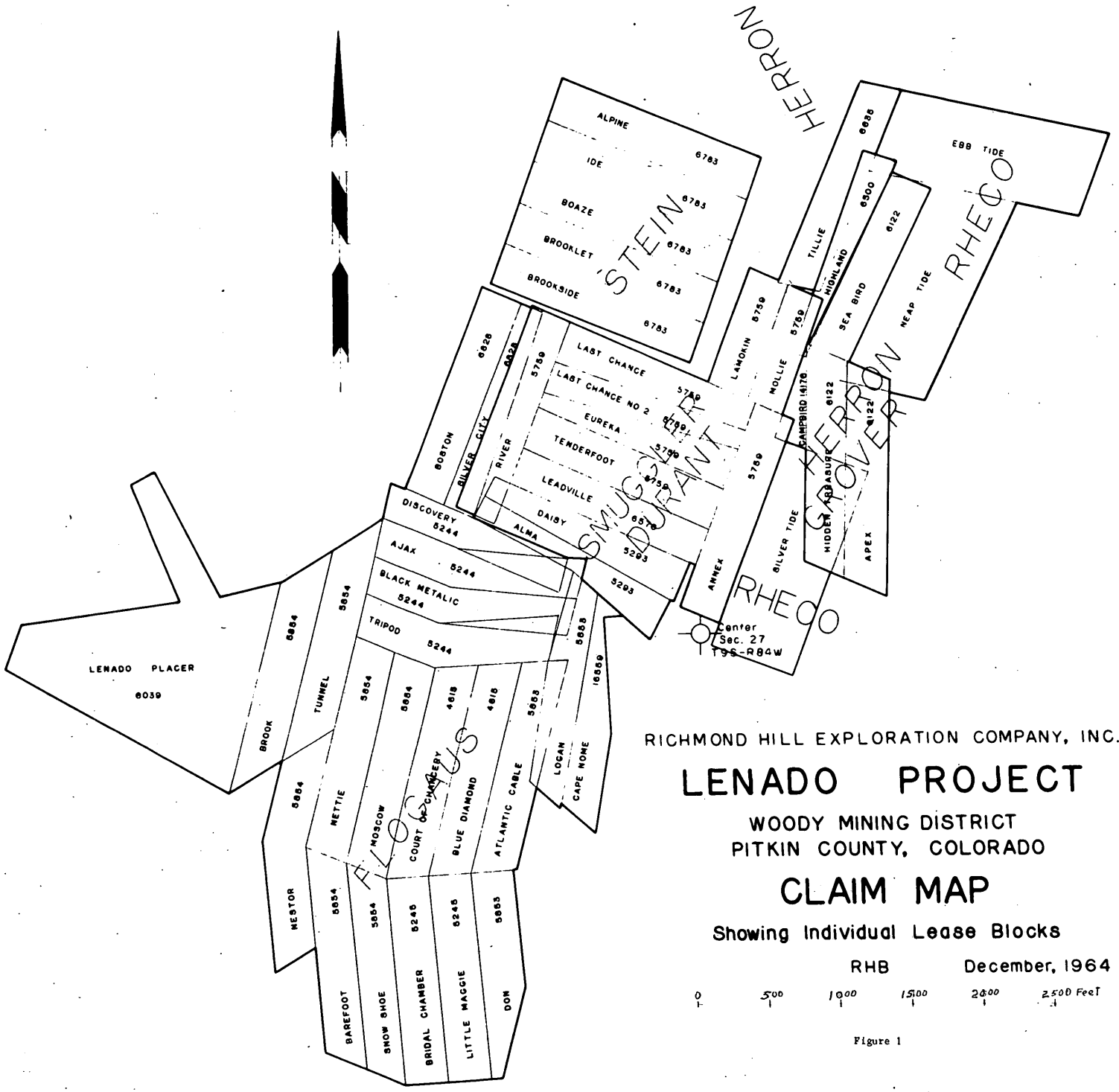
Figure 1



RICHMOND HILL EXPLORATION COMPANY, INC.

LENADO PROJECT

WOODY MINING DISTRICT
PITKIN COUNTY, COLORADO

CLAIM MAP

Showing Individual Lease Blocks

RHB December, 1964

0 500 1000 1500 2000 2500 Feet

Figure 1

REVISED APPLICATION

DOCKET NO. OME - 6415

TO OFFICE OF MINERALS EXPLORATION

U. S. DEPARTMENT OF THE INTERIOR

(Revision of the
ORIGINAL APPLICATION
which was
DATED FEBRUARY 4, 1965)

EXPLORATION FOR SILVER

AT LENADO

PITKIN COUNTY, COLORADO

RICHMOND HILL EXPLORATION COMPANY, INC.

ASPEN, PITKIN COUNTY, COLORADO

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 30 1966

INDEX AND ORGANIZATION

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Letter of Transmittal	
OME Form 40	
Introduction and Abstract	1.
1. Financial Eligibility	4.
2. Applicant's Rights in Lands	5.
3. Proposed Revised Exploration, Phase I	6.
4. Proposed Revised Exploration, Phase II	10.
5. Revised Time and Cost Estimates, Phase I	12.
6. Revised Time and Cost Estimates, Phase II	13.
7. Item Cost Breakdown Estimate, Phase I	14.

EXHIBITS

Description	No.
Location Certificate, Silver Tide Claim	1
Location Certificate, Ebb Tide Claim	2
Location Certificate, Neap Tide Claim	3
Recorded Plat, Silver Tide Claim	4
Recorded Plat, Ebb Tide Claim	5
Recorded Plat, Neap Tide Claim	6
Lien & Subordination Agreement for Above Claims	7
John L. Herron Lease Extension Agreement	8

MAPS

Map of Subordinated Claims, Scale 1" = 500 feet, showing addition of Claim Locations.

Revised Geological Map, Lenado Area, Scale 1" = 300 feet

Revised Map of Proposed Exploration, Phase I, Scale 1" = 300 feet, showing favorability area and proposed core drill holes.

Topographical Map of Area, Scale 1" = 300 feet, showing outline of Subordinated Lands

Richmond Hill Exploration Company Inc.

P. O. Box 939

ASPEN, COLORADO 81611

Telephone 925-3717

Mr. J. William Hasler, Field Officer
Office of Minerals Exploration, Region III
U. S. Department of the Interior
Room 2284, Building 25, Federal Center
Denver, Colorado 80225

Re: OME-6415 (Silver)
Lenado Area
Pitkin County, Colorado

Dear Mr. Hasler:

We are Submitting, Under cover of this letter, a revised Application, with required information for O.M.E. financial assistance in the exploration for silver ores in Pitkin County, Colorado.

Richmond Hill Exploration Company, Inc. will appreciate your early consideration of this application.

Respectfully submitted,

William B. Rubey

William B. Rubey,
President

MME Form 40
July 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

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

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.)*

Richmond Hill Exploration Company, Inc.
P. O. Box 939
Aspen, Colorado

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER

DATE RECEIVED

REGION

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
William B. Rubey,	Aspen, Colorado	President
Henry L. Stein	Aspen, Colorado	Vice-President
John Wendt	Aspen, Colorado	Secretary

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Silver

ESTIMATED COST OF PROJECT
$ 46,210.00 , Phase I

PROPERTY NAME	LOCATION COUNTY	STATE
Lenado Area	Pitkin	Colorado

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 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 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.

26 Aug 66
DATED
See later revision
16 Sept. 66

W M B Rubey
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

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 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 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. 11879

INTRODUCTION AND ABSTRACT

On February 4, 1965 the applicant submitted the original application which was given the Docket No. OME - 6415. This application contained the following data, which are not repeated herein:

Acknowledgments, Location and Climate, History and Production (with tables), General Geology, Exhibits of Leases and Assignments, Contractor Bids for Drilling and Bulldozer Work, Vertical Section Maps forthe original proposed holes, and Generalized Geologic Map, Aspen Area.

Subsequent to the submission of the above application, in the course of its normal field work in the area, the U. S. Geological Survey noted discrepancies in the surface geology as illustrated in the applicant's report. These discrepancies have been corrected, as shown on the enclosed maps.

In the summer of 1965 Messrs J. H. McCarthy, Jr., and G. B. Gott, of the Denver Office, U. S. Geological Survey, utilizing the preliminary geological map by Bruce Bryant, also of the Geological Survey, conducted geochemical soil sampling program at Lenado. This was later published as "The distribution of Ag, Pb, Zn, Sb, As and Hg in soils at Lenado, Aspen quadrangle, Colorado." A partial quotation from their report is as follows: "A geochemical soil sampling program was undertaken at Lenado to evaluate the usefulness of

open file 1965 ?

geochemical prospecting methods in the district. Soil samples were collected over old mine workings and extended beyond known mineralization. A satisfactory sampling depth was determined by analyzing soils from different horizons at sites 5 and 7; the data are shown in table 1. All subsequent samples were taken at a depth of approximately 6 inches. All samples were analyzed in a field laboratory for Ag using a colorimetric method (Nakagawa and Lakin, 1965) and for Hg using an instrumental method (Vaughn and McCarthy, 1964). All other analyses were made using colorimetric or spectographic methods (Ward and others, 1963). The concentration of each element in the soil is shown at each sample locality. Concentration isograds are shown on each geochemical map and are left open where a sample control was considered inadequate."

The applicant's technical staff has attempted to plot an average favorability zone, based on results from the six geochemical maps, for Phase I Exploration, which will be surface core drilling. This general favorability zone, with proposed core hole locations, is shown on the attached Plan Map of Exploration, scale 1" = 300 feet.

Should Phase I drilling be successful we would move immediately into Phase II, described in detail under p. 10 Section 4 of this application. offset drilling more geochem-geophys. Shaft or adit. Rehab. Aspen & Bimetallic Tunnels Drift 350' in Bimetallic S. drift

Not to be included in DME project?

It is proposed that there be eight Phase I diamond core holes, totalling 4300 feet. It is the applicant's estimate, based largely upon several years' exploration

experience in the area, and upon his familiarity with contractor costs, labor, power, bulldozer work, miscellaneous services and engineering, that total costs of this proposed Phase I work could be $89,845.61. Of this amount the applicant is prepared to participate a 25% share, or $22,461.41. The applicant is requesting O.M.E. participation for 75%, or $67,384.20. This initial phase should be adequate to prove the existence of mineable silver-bearing orebodies. The proposed program will, in the applicant's opinion, most fully explore the most favorable ground at a minimum of cost.

The estimated lapsed time and costs of the two phases of exploration are as follows:

Phase I	30 weeks	$ 89,845.61
Phase II	48 weeks	169,782.80
Phases I & II	78 weeks	$259,628.41

A breakdown of these estimated costs is included in this application.

The applicant is currently engaged in a silver exploration program under O.M.E. contract 2169, Docket No. OME-6289, that officially began work on October 1, 1963. The project is six miles south of Aspen on the Midnight-Little Annie property. Should this present project be successful, a modern flotation mill would be constructed to serve the area, which would enhance the development of silver at Lenado.

1. FINANCIAL ELIGIBILITY

(a) In April, 1965, the applicant applied to the Bank of Aspen, its local depository, for a loan of $30,000, the amount requested in the original Lenado application. The loan was denied. The applicant also applied to the First National Bank of Glenwood Springs, Colorado, for the same amount. The request was also refused. Both banks considered this type of loan inappropriate for their business to undertake. The tight money policy of today would make it even more inappropriate. Copies of correspondence with the banks are included in Exhibit No. 1 of the original application.

(b) The sole, interested party in this application is:

Richmond Hill Exploration Company, Inc.
P. O. Box 939
Aspen, Colorado 81611

(c) Applicant's share of the cost of the exploration work will be furnished from its general account in the Bank of Aspen.

(d) Applicant is financially prepared to pay the total cost of operation until reimbursement is made.

(e) Applicant would not undertake full expenditure of the proposed exploration program without financial assistance.

2. APPLICANT'S RIGHTS IN LANDS

The five Mining Leases with a total of forty-four patented and subordinated mining claims as submitted in the original application are still in effect and in good standing.

In addition, the applicant has located three lode locations, shown on the enclosed Map of Subordinated Claims, Scale 1" = 500 feet. The recorded location certificates and recorded maps are attached under Exhibit Nos. 1 through 6. The signed MME Form 52, Lien and Subordination Agreement, covering all three claim locations, is attached under Exhibit No. 7.

The outline of all lands at Lenado subordinated to the O. M. E. is shown on the attached Map of Proposed Exploration, and on the attached Topographical Map.

Because the John L. Herron Lease, attached to the original application as Exhibit No. 6, terminated its conditions on August 7, 1966, a two year extension has been granted to the applicant. This extension, signed by John L. Herron, is attached herein as Exhibit No. 8.

3. PROPOSED REVISED EXPLORATION, PHASE I

On the attached revised Map of Exploration, Phase I, an average favorability zone, based upon distribution of Ag, Pb, Zn, Sb, As and Hg from the U. S. Geological Survey's geochemical soil sampling program, has been outlined for surface core drilling. Eight drill holes are proposed for Phase I.

I. Description of Drilling.

Hole No. 1 is located about 200 feet south of the Tillie shaft on a bearing to cut at roughly 90° the "Silver Fault", or bedding plane contact between the basal Belden and the top of the Mississippean Leadville, to cross the Leadville, which at this point is only about 150 feet thick, to cross the "Contact Fault", or bedding plane contact between the Leadville and the Devonian Chaffee Dyer dolomite. After penetrating the Dyer a short distance, Hole 1 will bottom. The antipated distance, at 45° from horizontal, is 425 feet.

Hole No. 2, just below the county road, is justified by the same geology as for No. 1, except that here the Leadville is somewhat thinner. This should bottom in the Dyer at 425 feet. Both of these holes are in high anomalies for all metals, with the possible exception of arsenic. Hole No. 2, as for all eight holes in Phase I, is arbitrarily set for a 45° down-dip, to best cross the formations, at the same time gaining depth. This angle might be flattened or steepened as the drilling progresses.

Holes 3 and 4 are collared within the favorability zone and located just off the county road south of Woody Creek, both bearing roughly southeast. Hole 3 will intercept

more of the basal Belden, cross the "Silver Fault" and the Woody Creek Fault, as plotted by Mr. Bryant, of the Geological Survey. It may intercept the "Contact Fault", depending upon the dip of the Woody Creek Fault. This hole should penetrate well into the Parting Quartzite, and bottom at about 600 feet. Hole No. 4, located about 200 feet west of No. 3, should cross all three faults, the "Silver", "Contact" and the Woody Creek, cross the Leadville, here about 200 feet wide, and bottom well into the upper Chaffee Dyer formation. Hole No. 4 is expected to bottom at 550 feet. Both Holes 3 and 4 are regarded by the applicant as extremely important because of the abnormal readings for Silver, Lead and Zinc in the soil above the recently recognized Woody Creek Fault. East-West cross faults, locally called "feeder faults", when intersecting the older north-south bedding plane "faults", such as the Silver and Contact, at such well-accepted host formations as the lower Belden, Leadville, and Dyer dolomites, have historically made the famous Aspen District productive areas.

The remaining Holes 5, 6, 7 and 8 are located south and west of the Aspen Contact and Leadville Mines in an area of generally highest geochemical readings in the Lenado Area. Only antimony showed no appreciable anomaly in this vicinity. Holes 5, 6 and 7 are collared just west of the average favorability area outlined, over a horizontal distance of about 600 feet, and aimed to penetrate considerably more of the basal Belden than the first four holes, and to cross the Lenado Fault, which was associated with the rich past production from the mines at Lenado. The gradual south curving of this important fault at this point may also be considered favorable. Hole No. 5 is

expected to bottom at 450 feet, in the upper Chaffee Dyer dolomite. Hole No. 6 should penetrate about 425 feet of the lower Belden, under unusually good soil readings, cross the Lenado Fault, the northern tip of the Leadville, and bottom at 700 feet in the upper Dyer. Hole No. 7 should cross the lower Belden, the Lenado Fault, and bottom at 625 feet in the upper Leadville.

Hole No. 8 should follow the general bearing of Hole No. 5, in this unusually wide zone of favorability, to continue to crosscut for information through the entire Chaffee formation and bottom at 525 feet in the upper part of the lower Ordivician Manitou dolomite.

In summary, the estimated hole depths are as follows:

Hole No.	Depth	Hole No.	Depth
1.	425	5.	450
2.	425	6.	700
3.	600	7.	625
4.	550	8.	525
		Total:	4,300 feet

It should be emphasized that no attempt is made herein, as in the original application, to illustrate each hole with a vertical section. There is not enough control to estimate with any meaningful accuracy at what given point we should expect to cross any contact. It is known that the beds dip westerly, hence it is logical to collar the holes west of the target zones and angle down. The applicant believes that it is in everyone's best interest to keep the drilling program flexible. As data are gathered and plotted on sections from each hole they will help determine the direction and dip of each successive hole. The drill sites

and necessary access roads to these sites will be located approximately as shown on the attached Map of Proposed Exploration, Scale 1" = 300 feet. Terrain may dictate some changes, and Holes 5, 6 and 7, as shown, may fall within the work area of the Lenado lumbering operation, in which case it will be necessary to move somewhat southeast, or up hill.

II. Mobilization and Preparation

An experienced exploration geologist will be in charge of the project, with a full time assistant, both supervising the drilling on a two-shift a day basis. They will log holes, split cores, and prepare samples for assaying. They will require some part time labor for surveying, brushing lines, taking soil samples and analyzing them, locating access roads and drill hole sites. Boxes of core will require cataloguing and storage. Strip logs of each hole must be mapped, and subsurface projections made. All job records must be kept accurately and currently. Drill water must be arranged for, and a bulldozer will be contracted for roads and drill sites. The applicant is prepared to handle general overhead and supervision, work and time scheduling, accounts, and vehicular transportation from the Aspen company offices. The applicant has crushing, drying, pulverizing, and sample-quartering facilities.

miles? hours?

miles?

III. Drilling - General

The core drilling will be contracted for a wireline rig, with the wireline core sizes which are 3/8 to 5/8 of an inch smaller in diameter than the standard sizes. The holes may be telescoped as needed to save reaming time. A hole may collar with an NX size, reduce to BX, then to AX, depending upon conditions. Return cuttings should be

caught, and "sludged" for careful examination by the geologist, and samples should be taken for assay determination if mineralization is detected or suspected. The holes should be surveyed periodically for bearing and angle.

4. PROPOSED REVISED EXPLORATION, PHASE II

The first part of Phase II Exploration would be offset core drill holes to delineate and extend ore discovered in Phase I. The location and number of these holes cannot be determined in advance, of course, but a rough guess is that one-half of the initial Phase I footage should ordinarily be sufficient to offset discovered ore and give some indicated reserves. Therefore, one-half of Phase I cost will be calculated for this offset drilling in Phase II.

In addition, and concurrently with the offset drilling, a geophysical survey, and extension of the geochemical work, where the concentration isograds have been left open, should be conducted. Emphasis should be directed to continued work southwest, along the Lenado Fault to its intersection with the "Silver Fault" above the old Bi-Metallic workings. This work and the offset core drilling should require, if done concurrently, about nine weeks. The bid price, as submitted by Manning W. Cox & Associates, is used. This bid was sent in duplicate by the applicant to the Denver O. M. E. office on March 8, 1966.

The major work in Phase II will be underground exploration, either by vertical or inclined shaft, or by adit, of orebody or orebodies delineated by offset drilling, and by rehabilitation of the Aspen Contact and Bi-Metallic tunnels. The former should be re-opened for exploration of possible mill reserves, and the Bi-metallic south drift should be extended about 350 feet to explore the important intersection of the "Silver" and Lenado Faults. There is roughly 1,100 feet of tunnel crosscut and 400 feet of existing north-south drift, for a total of 1,500 feet that will require air and water lines, ventilation pipe, and track. Should this fault intersection prove up a valuable discovery of ore at this elevation, there could be nearly five hundred feet of "back" up dip that would be mined by cheap gravity methods.

Estimated costs for Phase II exploration are given on page 13 of this application.

5. REVISED TIME AND COST ESTIMATE

PHASE I

I. Applicant Supervision, Overhead & Travel	
160 working days Supervision & Overhead, @ $75	$12,000.00
160 days travel, 100 miles/day, @ 12¢/mile	1,920.00
Total Est. Supervision, Overhead, Travel	$13,920.00
II. Access Roads & Drillsites	
120 hours bulldozer, orig. excavating @ $15/hr	$ 1,800.00
Blasting supplies; powder, fuse & caps	150.00
60 hours bulldozer, final cleanup, returning surface to original condition, @ $15/hr.	900.00
Total Estimated Roads & Sites	$ 2,850.00
III. Assaying	
300 samples assayed for silver, lead & zinc, or 900 determinations @ $2.50	$ 2,250.00
430 10' cardboard core boxes @ $1.25	537.50
Use of oven, crusher, pulverizer, general sample preparation & core splitting, power costs 300 samples @ $1.00	300.00
Total Estimated Assaying Costs	$ 2,787.50
IV. Core Drilling Costs - Wireline Diamond Drill	
(See bids attached in Original Application, Exhibits 11a, b & c) Revised Item Cost Breakdown for drilling is attached on Page 14. Figures reflect estimated percentage increase of labor and materials costs in past two years.	$70,288.11
GRAND TOTAL ESTIMATED COSTS, PHASE I	$89,845.61

Total estimated time for Phase I is 30 weeks, for a 5½ day work-week, 2 shifts a day

Use 4 months stage I
4 " " II
8 months = 32 weeks = 176 days

6. REVISED TIME AND COST ESTIMATE

PHASE II

I.	Offset core drilling of possible commercial minerals discovered in Phase I. This is estimated at an arbitrary 50% of the drilling footage in Phase I, or 2,150 feet	$ 44,922.00
II.	Geophysical survey, and extension of geochemical work. Cost estimated in bid by Manning W. Cox & Associates. This work to be done concurrently with the offset drilling, above, and would take about the same time, 8 or 9 weeks	$ 14,410.00
III.	Entry to orebody discovered by offset drilling, for further exploration and delineation, estimated average cost for shaft, incline, or adit, or a combination, 400 feet @ $85.00	$ 34.000.00
IV.	Opening Aspen Contact tunnel and winze, timbering, pipe, pumping, etc.	$ 5,500.00
V.	(a) Rehabilitation of Bi-Metallic's 1,500' of existing tunnel and drift with pipe, vent line and 18" gauge 20 lb. track (air blower, ore cars, oilers, jacklegs, hammers, motor, etc. rentals pro-rated per foot) Estimated cost per foot $8.00 for 1,500 feet	$ 12,000.00
	(b) Drifting 350 feet, 7 X 7 cross-section, 100% supported, est. cost per foot $65.00	$ 22,750.00
VI.	Initial mobilization, surface plant, salaries, office supervision, insurance and other indirect overhead costs, power, road upkeep, vehicular, equipment rental, mechanic, etc. for approximately ten months, $3,620.00 per month	$ 36,200.00
	GRAND TOTAL ESTIMATED COSTS, PHASE II	$169,782.80

Total estimated time for Phase II is 48 weeks, for a 5½ day work-week, 2 shifts a day

FOOTAGE AND HOUR DISTRIBUTION ESTIMATE

ITEM COST BREAKDOWN ESTIMATE

PHASE I LENADO EXPLORATORY DRILLING PROJECT

ITEM		Diamond Drill Hole Number 1	2	3	4	5	6	7	8	Total Footage	Price	Total Dollars
Overburden		30	30	30	30	30	30	30	30	240	$7.82	$ 1,876.80
Core Bedrock to 250'	NX	250	250	250	250	250	250	250	250	2000	8.07	16,140.00
Core 250' - 500'	BX	145	145	250	250	170	250	250	245	1705	8.00	13,640.00
Core 500' - 750'	BX			70	20		170	95		355	8.32	2,953.60
T O T A L S		425	425	600	550	450	700	625	525	4300	$8.05	$ 34,610.40
Miscellaneous Estimated Drilling Costs												
Reaming		350	350	525	475	375	625	550	450	3700	4.02	14,874.00
Casing, in, out & lost		275	275	390	360	295	460	410	345	2810	2.94	8,261.40
Water Haulage		425	425	600	550	450	700	625	525	4300	1.15	4,945.00
		Estimated Hours								Total Hours		
Cementing		25	25	35	30	30	45	40	30	260	13.76	3,577.60
Surveying Hole		5	5	7	6	5	8	7	6	49	20.59	1,008.91
Standby Time		15	15	15	15	15	15	15	15	120	12.59	1,510.80
Mobilization												750.00
Demobilization												750.00

DIRECT DRILLING COSTS, GRAND TOTAL $ 70,288.11

Filed for record the 8 day of April A. D. 1966 at 1:40 o'clock P.M. Peggy E. Coble RECORDER.
Reception No. 123949 By ..... DEPUTY.

BOOK 220 PAGE 53

Exhibit No. 1

STATE OF COLORADO,
County of Pitkin } ss.

Know all Men by these Presents,

That John P. Kellogg, on behalf of RICHMOND HILL EXPLORATION COMPANY, INC., a Colorado Corporation with offices in Aspen, Colorado

the undersigned, has, this 3rd day of April, 1966, located and claimed, and by these presents do locate and claim, by right of discovery and location, in compliance with the Mining Acts of Congress, approved May 10, 1872, and all subsequent acts, and with local customs, laws and regulations, 1500 linear feet and horizontal measurement on the SILVER TIDE Lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on the Westerly side, and 300 feet on the Easterly side of the middle of said vein, at the surface, so far as can be determined from present developments; and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 600 feet running Northerly from Point of discovery pit and 900 feet running Southerly from Point of discovery pit; said discovery pit being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Woody Mining District, County of Pitkin and State of Colorado, described by metes and bounds as follows, to-wit:

Beginning at corner No. 1 which corner is at the common intersection of the East sideline of the patented ANNEX claim, Sur. No. 5759, and the south end line of the patented CAMPBIRD claim, Sur. No. 14178
thence southwesterly along the ANNEX claim sideline S. 21° 58'W. and extending a total distance of 1500 feet to Cor. No. 2
thence southwesterly 600 feet to Cor. No. 3
thence northeasterly 1500 feet to Cor. No. 4
thence northwesterly 600 feet to Point of Beginning

Said lode was discovered on the 3rd day of April, A. D. 19 66

Date of location April 3, A. D. 19 66

Date of Certificate April 8, A. D. 19 66

..... [SEAL]
Richmond Hill Exploration Company, Inc. [SEAL]
P. O. Box 939
Aspen, Colorado [SEAL]
by John P. Kellogg [SEAL]
..... [SEAL]
..... [SEAL]

Filed for record the 16 day of May, A. D. 19, at 10:30 o'clock A M. Peggy E. Coble RECORDER.
Reception No. 124269 By DEPUTY.

Exhibit No. 2

BOOK 220 PAGE 395

STATE OF COLORADO,
County of Pitkin } ss.

Know all Men by these Presents,

That John P. Kellogg, on behalf of RICHMOND HILL EXPLORATION COMPANY, INC., a Colorado Corporation with offices in Aspen, Colorado

the undersigned, has, this 8th day of May, 19 66, located and claimed, and by these presents do locate and claim, by right of discovery and location, in compliance with the Mining Acts of Congress, approved May 10, 1872, and all subsequent acts, and with local customs, laws and regulations, 1500 linear feet and horizontal measurement on the EBB TIDE Lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on the northerly side, and 300 feet on the southerly side of the middle of said vein, at the surface, so far as can be determined from present developments; and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 750 feet running westerly from Point of discovery Pit and 750 feet running easterly from Point of discovery Pit; said discovery Pit being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Woody Mining District, County of Pitkin and State of Colorado, described by metes and bounds as follows, to-wit:

Beginning at corner No. 1 which corner is common with Corner No. 3 of the patented Tillie lode claim, Survey No. 6635
thence S. 76° 37' E. 1500 feet to Corner No. 2
thence S. 24° 2' 20" W. 600 feet to Corner No. 3
Thence N. 76° 37' W. 1500 feet to Corner No. 4
Thence N. 24° 2' 20" E. 600 feet to point of Beginning

Said lode was discovered on the 8th day of May, A. D. 19 66

Date of location May 8, A. D. 19 66

Date of Certificate May 13, A. D. 19 66

Richmond Hill Exploration Company, Inc. [SEAL]
P. O. Box 939
Aspen, Colorado
by John P. Kellogg [SEAL]
[SEAL]
[SEAL]
[SEAL]
[SEAL]

Filed for record the 16 day of May, A. D. 19 66 at 10:34 o'clock A.M. Peggy E. Coble RECORDER.
Reception No. 124271 By ..... DEPUTY.

Exhibit No. 3

BOOK 220 PAGE 397

STATE OF COLORADO,
County of Pitkin } ss.

Know all Men by these Presents,

That John P. Kellogg, on behalf of RICHMOND HILL Exploration Company, Inc., a Colorado Corporation with offices in Aspen, Colorado

the undersigned, has, this 8th day of May, 19 66, located and claimed, and by these presents do locate and claim, by right of discovery and location, in compliance with the Mining Acts of Congress, approved May 10, 1872, and all subsequent acts, and with local customs, laws and regulations, 1500 linear feet and horizontal measurement on the NEAP TIDE Lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on the westerly side, and 300 feet on the Easterly side of the middle of said vein, at the surface, so far as can be determined from present developments; and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 500 feet running northerly from Point of discovery Pit and 1000 feet running Southerly from Point of discovery Pit; said discovery Pit being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Woody Mining District, County of Pitkin and State of Colorado, described by metes and bounds as follows, to-wit:

Beginning at corner No. 1, which corner is 34 feet N. 26° 43' E. from Corner No. 4 of the patented Sea Bird lode claim, Survey No. 6122
thence S. 76° 37' E. 600 feet to Corner No. 2
thence S. 26° 43' W. 1500 feet to Corner No. 3
thence N. 76° 37' W. 600 feet to Corner No. 4
thence N. 26° 43' E. 1500 feet to Corner No. 1, the Point of Beginning.
This last course, from Cor. No. 4 to Cor. No. 1, being a common sideline with the patented Sea Bird claim.

Said lode was discovered on the 8th day of May, A. D. 19 66

Date of location May 8, A. D. 19 66.

Date of Certificate May 13, A. D. 19 66.

..... [SEAL]
Richmond Hill Exploration Company, Inc. [SEAL]
P. O. Box 939
Aspen, Colorado ..... [SEAL]
by John P. Kellogg ..... [SEAL]
..... [SEAL]
..... [SEAL]

Filed for record the 8 day of April, A. D. 19 66, at 1:42 o'clock P. M. Peggy E. Coble RECORDER.
Reception No. 123950 By ..... DEPUTY.

BOOK 220 PAGE 54

Exhibit No. 4

(THIS MAP MUST BE ATTACHED TO LOCATION CERTIFICATE)

MAP OF SILVER TIDE LODE

attached to and hereby made a part of the Location Certificate, which map is prepared from an actual field survey of said Lode Claim.

1. Name and Address of Discoverer of Claim:

Name Richmond Hill Exploration Co., Inc, by John P. Kellogg

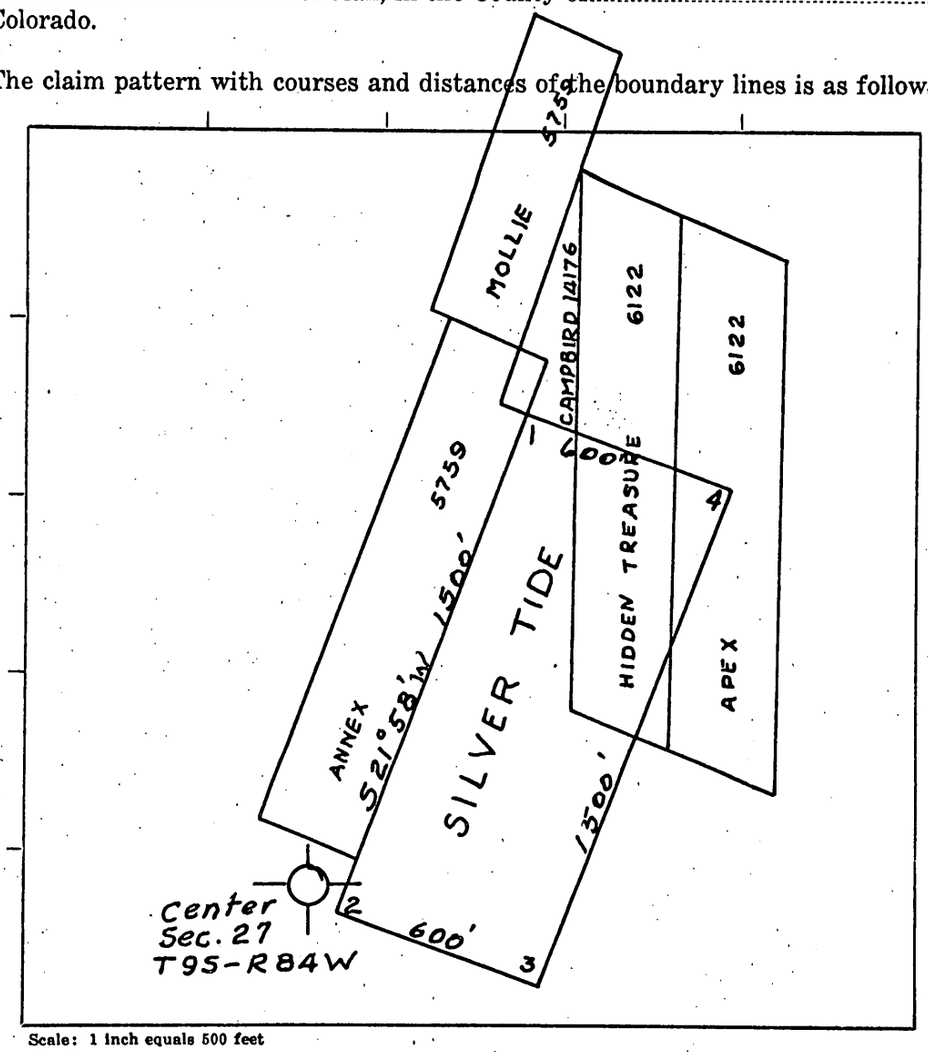
Address P. O. Box 939, Aspen, Colorado

2. Legal Subdivision of the land upon which the claim is located, if such land is surveyed:

NE Quarter of Section 27, Township 9S., Range 84W

of the 6th Meridian, in the County of Pitkin, State of Colorado.

3. The claim pattern with courses and distances of the boundary lines is as follows:



Scale: 1 inch equals 500 feet

Dated at Aspen, Colorado, this 8th day of April, 19 66.

Richmond Hill Exploration Company, Inc. (SEAL)
P. O. Box 939
Aspen, Colorado (SEAL)
by: John P. Kellogg (SEAL)
(SEAL)
(SEAL)
(SEAL)

LOCATOR.....

(THE CLAIM PATTERN MUST REFER TO THE NEAREST SECTION OR QUARTER SECTION CORNER OF PUBLIC LAND SURVEY, IF SURVEYED, OR TO A PERMANENT MONUMENT, IF NOT SURVEYED, BY WHICH THE CLAIM ON THE GROUND CAN BE READILY AND ACCURATELY ASCERTAINED.)
92-22-6A—Colorado Revised Statutes, 1953

Filed for record the 16 day of May, A. D. 19 66, at 10:32 o'clock A.M. Peggy E. Coble RECORDER.
Reception No. 124270 By ..... DEPUTY.

Exhibit No. 5

(THIS MAP MUST BE ATTACHED TO LOCATION CERTIFICATE) BOOK 220 PAGE 396

MAP OF EBB TIDE LODE

attached to and hereby made a part of the Location Certificate, which map is prepared from an actual field survey of said Lode Claim.

1. Name and Address of Discoverer of Claim:

Name Richmond Hill Exploration Cp., Inc., by John P. Kellogg

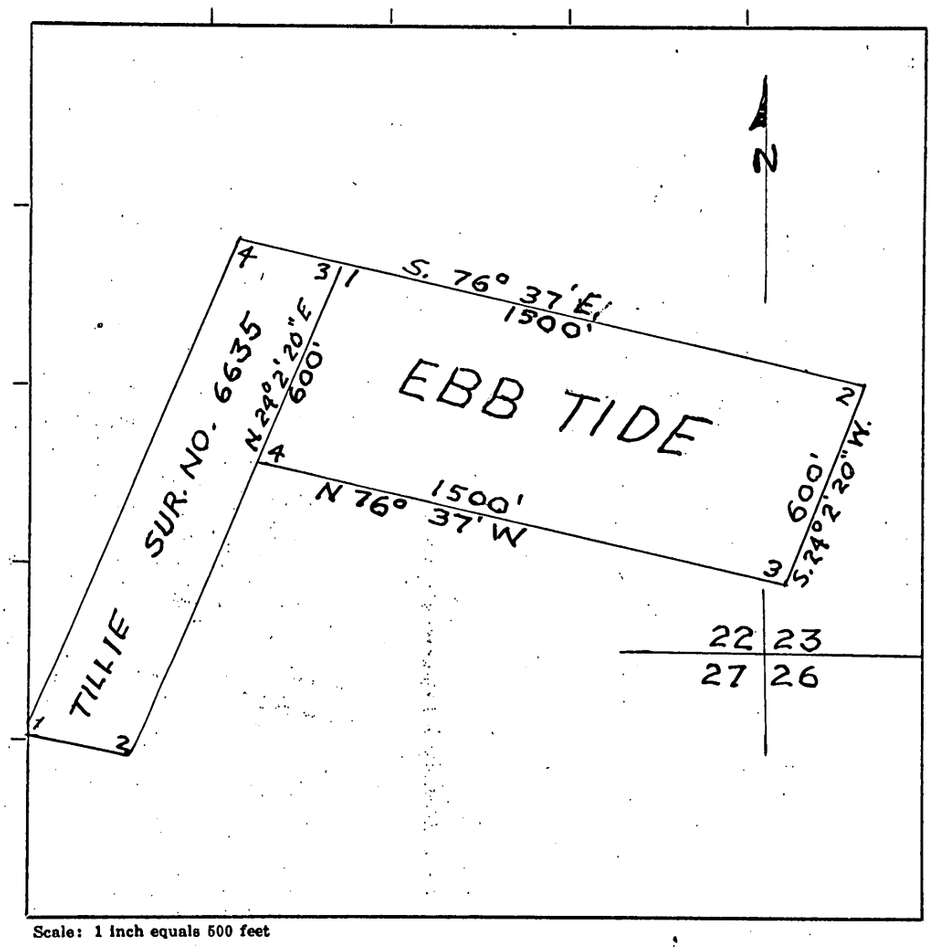
Address P. O. Box 939, Aspen, Colorado

2. Legal Subdivision of the land upon which the claim is located, if such land is surveyed:

and SE SW Quarter of Section 22 23, Township 9S., Range 84W.

of the 6th Meridian, in the County of Pitkin, State of Colorado.

3. The claim pattern with courses and distances of the boundary lines is as follows:



Scale: 1 inch equals 500 feet

Dated at Aspen, Colorado, this 13th day of May, 19 66.

Richmond Hill Exploration Company, Inc. (SEAL)
P. O. Box 939 (SEAL)
Aspen, Colorado (SEAL)
by: John P. Kellogg (SEAL)
(SEAL)
(SEAL)
(SEAL)

LOCATOR.....

(THE CLAIM PATTERN MUST REFER TO THE NEAREST SECTION OR QUARTER SECTION CORNER OF PUBLIC LAND SURVEY, IF SURVEYED, OR TO A PERMANENT MONUMENT, IF NOT SURVEYED, BY WHICH THE CLAIM ON THE GROUND CAN BE READILY AND ACCURATELY ASCERTAINED.)
92-22-6A—Colorado Revised Statutes, 1953

Filed for record the 16 day of May, A. D. 1966, at 10:36 o'clock A.M. Peggy E. Coble RECORDER.
Reception No. 124272 By ..... DEPUTY.

Exhibit No. 6

(THIS MAP MUST BE ATTACHED TO LOCATION CERTIFICATE)

BOOK 220 PAGE 398

MAP OF NEAP TIDE LODE

attached to and hereby made a part of the Location Certificate, which map is prepared from an actual field survey of said Lode Claim.

1. Name and Address of Discoverer of Claim:

Name Richmond Hill Exploration Co., Inc., by John P. Kellogg

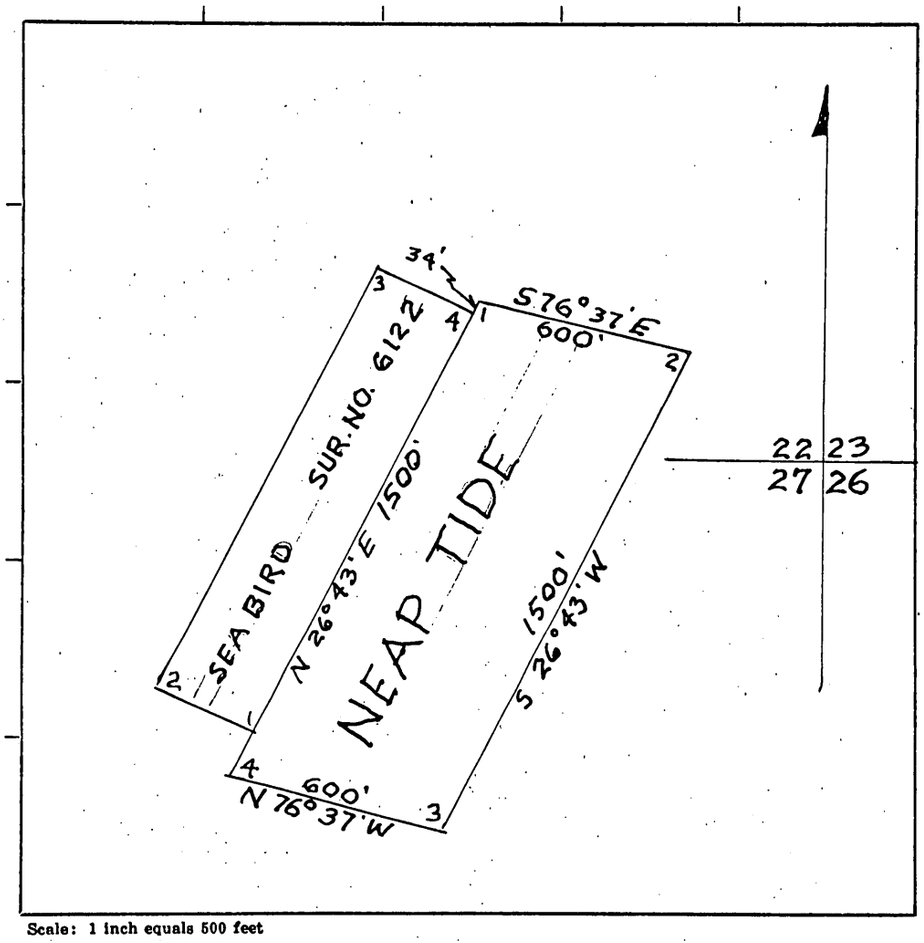
Address P. O. Box 939, Aspen, Colorado

2. Legal Subdivision of the land upon which the claim is located, if such land is surveyed:

and SE NE Quarter of Section 22 27, Township 9S., Range 84W.

of the 6th Meridian, in the County of Pitkin, State of Colorado.

3. The claim pattern with courses and distances of the boundary lines is as follows:



Scale: 1 inch equals 500 feet

Dated at Aspen, Colorado, this 13th day of May, 1966.

Richmond Hill Exploration Company, Inc. (SEAL)
P. O. Box 939 (SEAL)
Aspen, Colorado (SEAL)
by: John P. Kellogg (SEAL)
(SEAL)
(SEAL)
LOCATOR

(THE CLAIM PATTERN MUST REFER TO THE NEAREST SECTION OR QUARTER SECTION CORNER OF PUBLIC LAND SURVEY, IF SURVEYED, OR TO A PERMANENT MONUMENT, IF NOT SURVEYED, BY WHICH THE CLAIM ON THE GROUND CAN BE READILY AND ACCURATELY ASCERTAINED.)
92-22-6A—Colorado Revised Statutes, 1953

FORM 158 LODE LOCATION MAP—THE C. F. HOECKEL BLANK BOOK & LITHO CO., DENVER, COLO.

Exhibit No. 7

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

MME Form 52
Jan. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

LIEN AND SUBORDINATION AGREEMENTS[1]

To the United States of America:

That certain land in the County of Pitkin, State of Colorado, described as follows:[2] Lode locations, recorded in Pitkin County Courthouse as follows: SILVER TIDE, Book 220, pages 53 and 54; EBB TIDE, Book 220, Pages 395 and 396; NEAP TIDE, Book 220, Pages 397 and 398.

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

RICHMOND HILL EXPLORATION COMPANY, 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 _____ day of _____, 19___.

Wm B Ruby (Seal) — Box 6 (Street), Aspen, Colorado (City & State)

_____ (Seal) — _____ (Street) (City & State)

_____ (Seal) — _____ (Street) (City & State)

_____ (Seal) — _____ (Street) (City & State)

_____ (Seal) — _____ (Street) (City & State)

_____ (Seal) — _____ (Street) (City & State)

I, Henry L. Stein (Name), certify that I am the V. Pres. (Title—Secretary, etc.) of the corporation named herein; that Wm B. Ruby (Name), who signed this agreement was then Pres. (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.

_____ (Corporate Seal)

Exhibit No. 8

LEASE EXTENSION AGREEMENT

THIS AGREEMENT, made and entered into this 4 day of August, A. D. 1966, by and between JOHN L. HERRON, whose address is Aspen, Pitkin County, Colorado, party of the first part, hereinafter referred to as Herron, and RICHMOND HILL EXPLORATION COMPANY, INC., a Colorado Corporation, whose address is Aspen, Pitkin County, Colorado, party of the second part, hereinafter referred to as RHECO, WITNESSETH:

WHEREAS, Herron did enter into a LEASE AND OPTION TO PURCHASE Agreement, dated August 7, 1963, Recorded in Book 203, Page 500, with an Edwin J. Smart, Trustee, which agreement was later assigned to Floodtide, a joint venture, which subsequently assigned it to RHECO.

NOW, THEREFORE, for and in consideration of the benefits to be mutually derived thereby by both parties, it is agreed:

1. THAT the sentence on Page 1 of said Lease and Option to Purchase, "TO HAVE AND TO HOLD the said premises from the date hereof for a period of three years at and for a lease rental as follows:" shall be changed to "a period of five years".
2. THAT the monthly rental sum of $100.00 shall continue to be paid to Herron by RHECO, or by RHECO's representative.
3. THAT this Agreement in no way effects or changes all other covenants in the original Lease and Option to Purchase Agreement.

IN WITNESS WHEREOF, the parties hereto set their hands and seals on the day above written.

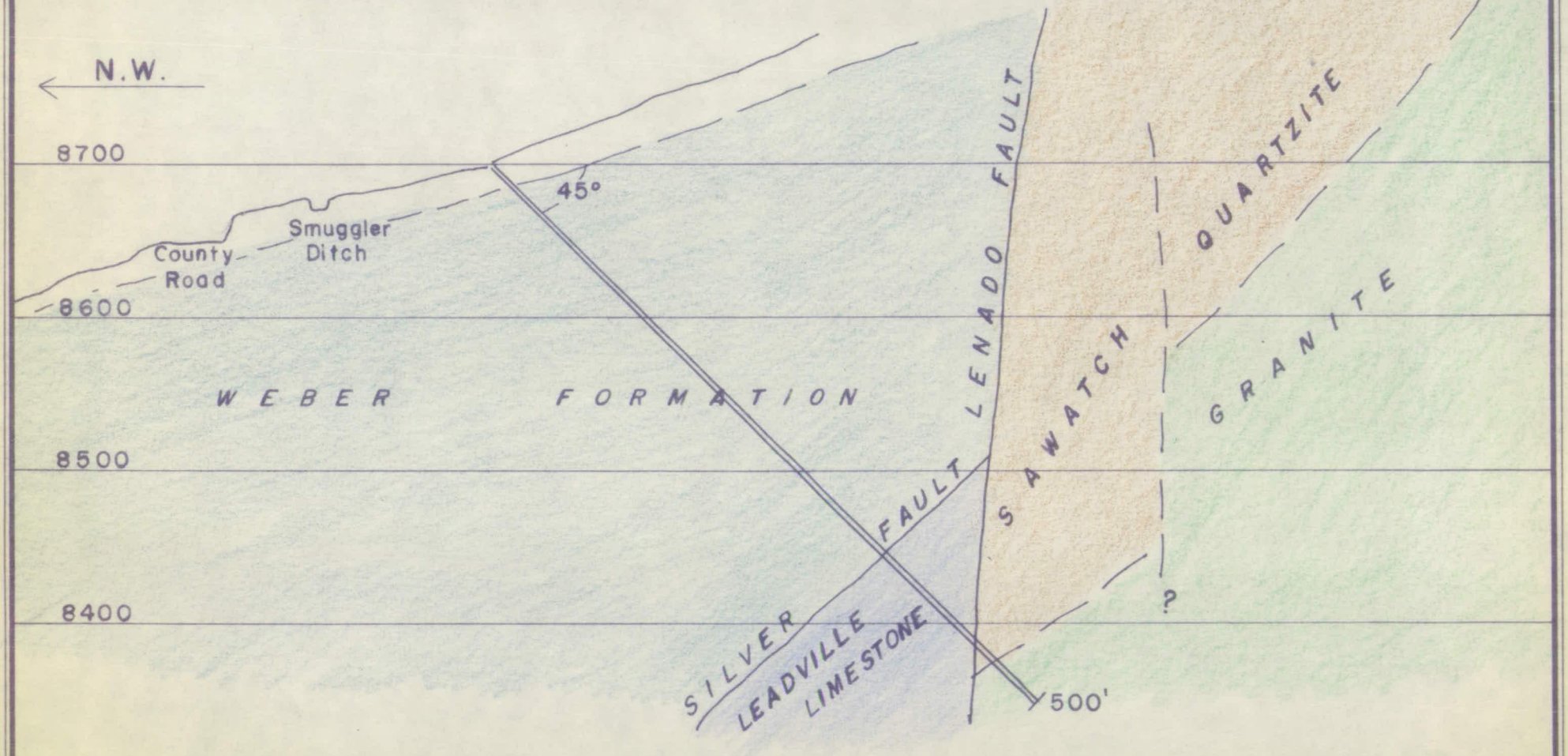
John L. Herron

John L. Herron, Party of the First Part

Henry L. Stein

Henry L. Stein, Vice President, RHECO
Party of the second part

LENADO PROJECT



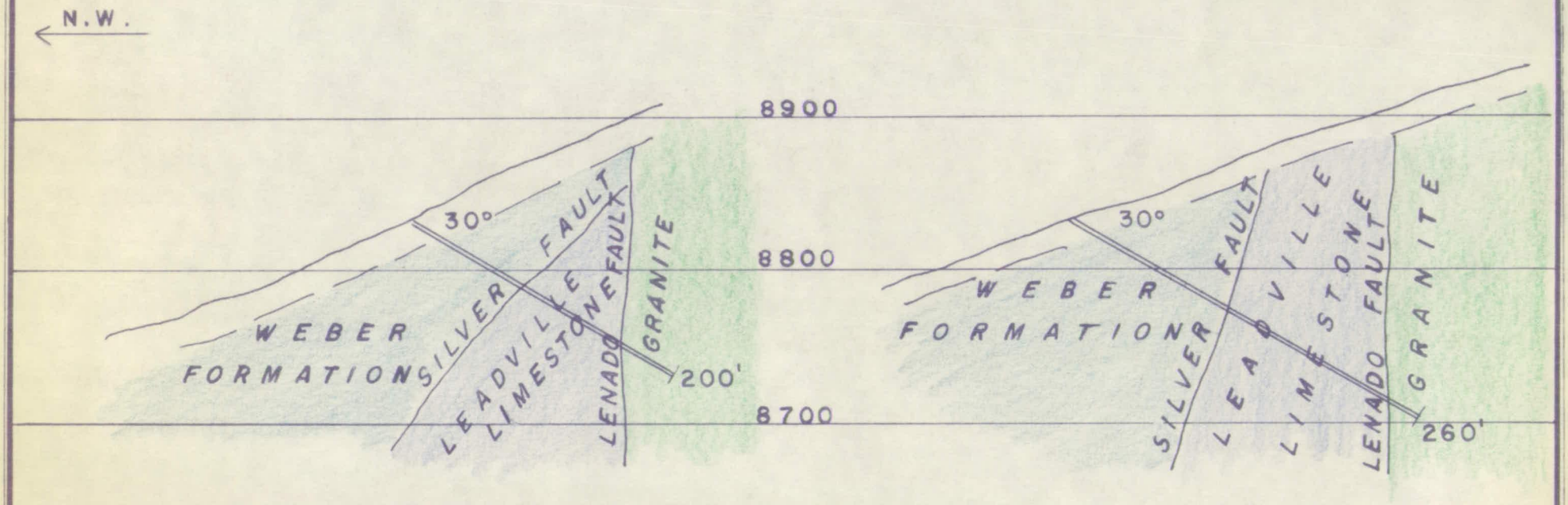
Section C–C

SHOWING PROPOSED DIAMOND DRILL HOLE NO. 2 — BEARING S 27°E

Scale 1" = 100'

J.P.K. 3/'64

LENADO PROJECT



Section D-D

PROPOSED DIAMOND DRILL HOLE NO. 3

BEARING S 30° E

Section E-E

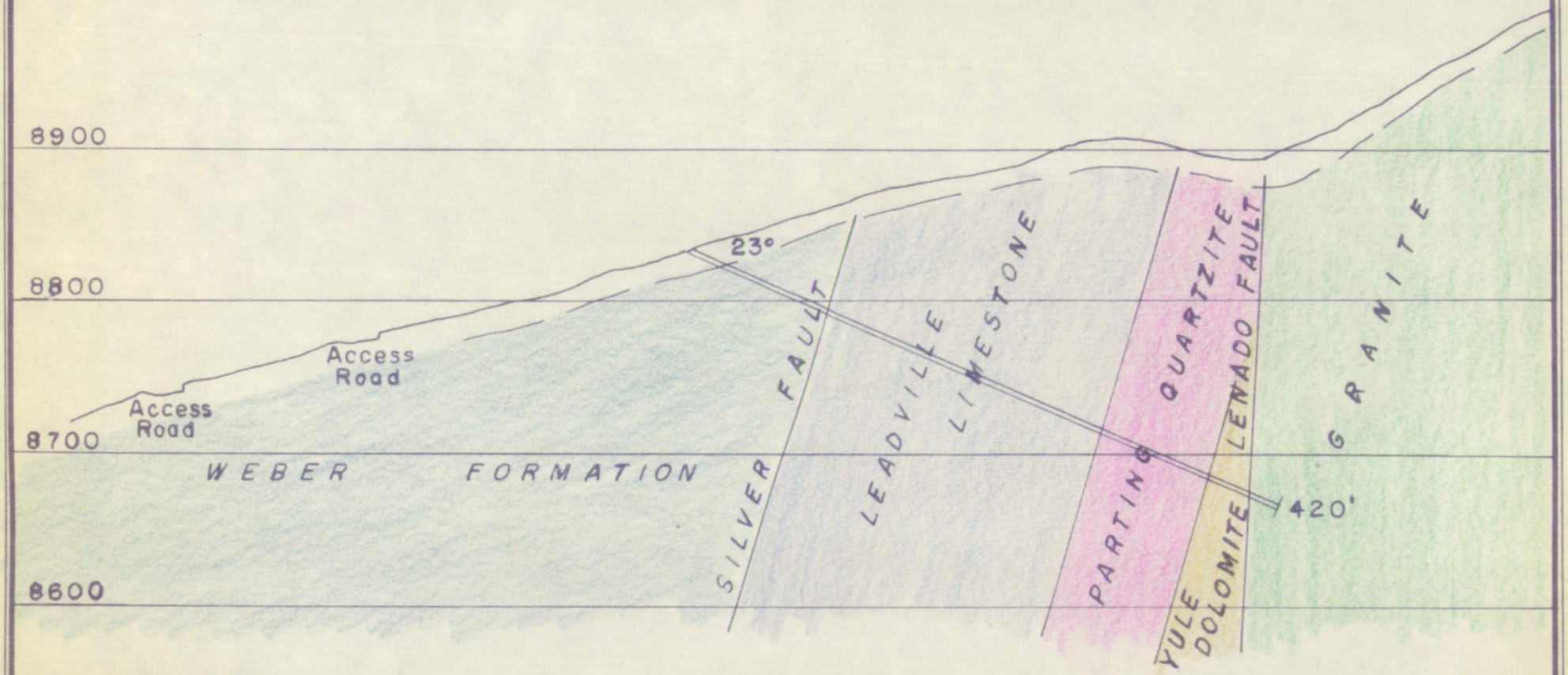
PROPOSED DIAMOND DRILL HOLE NO. 4

BEARING S 55° E

Scale 1" = 100'

J.P.K. 3/'64

LENADO PROJECT



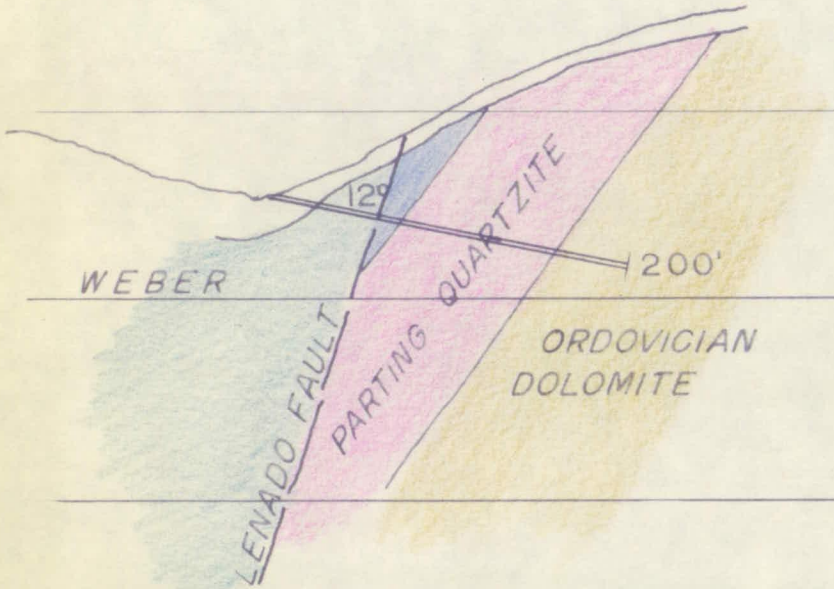
Section F–F

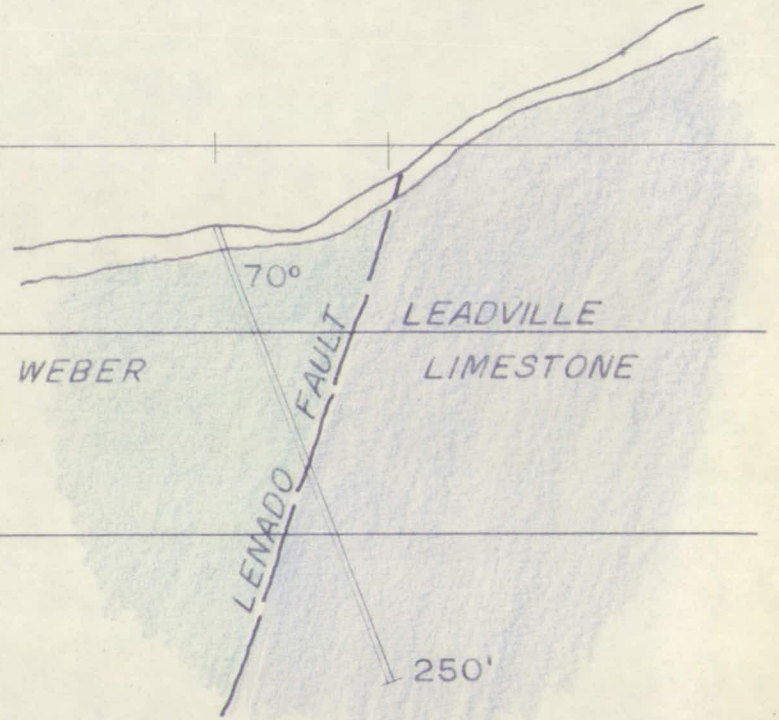
SHOWING PROPOSED DIAMOND DRILL HOLE NO. 5 — BEARING S 68° E

Scale 1" = 100'

J.P.K. 3/'64

LENADO PROJECT





Section G-G

PROPOSED DIAMOND DRILL HOLE NO. 6

BEARING S 45° E

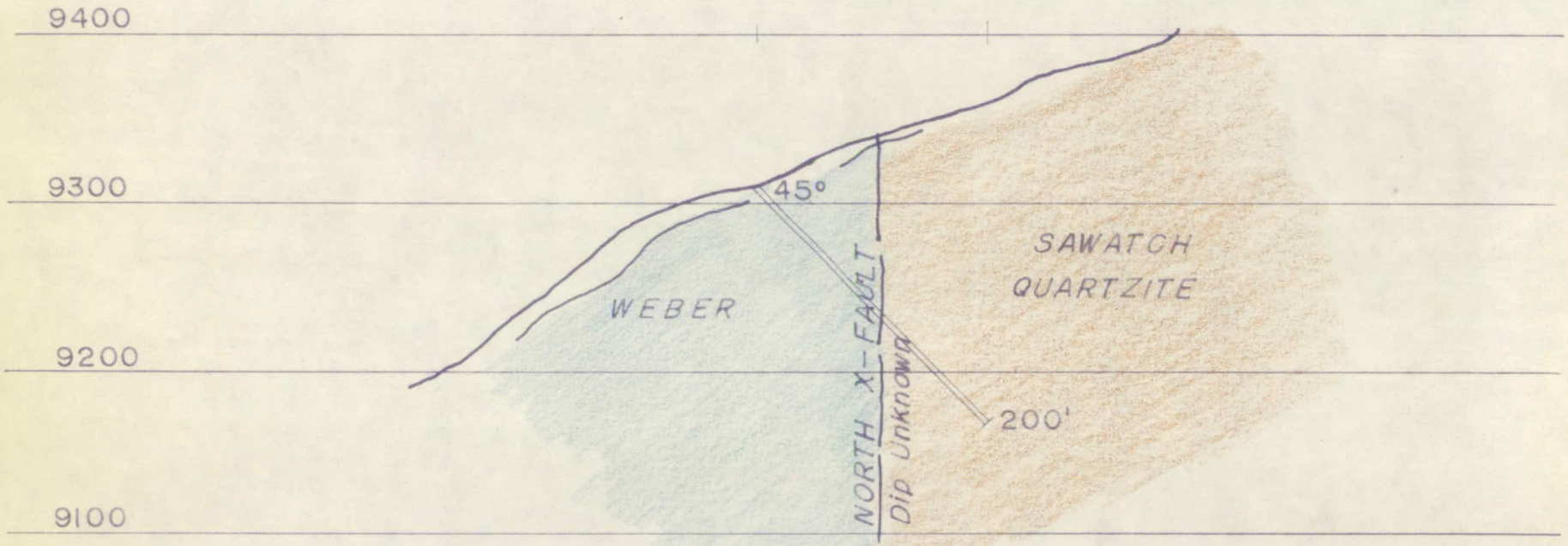
Section H-H

PROPOSED DIAMOND DRILL HOLE NO. 7

BEARING S 30° W

Scale 1" = 100'

LENADO PROJECT



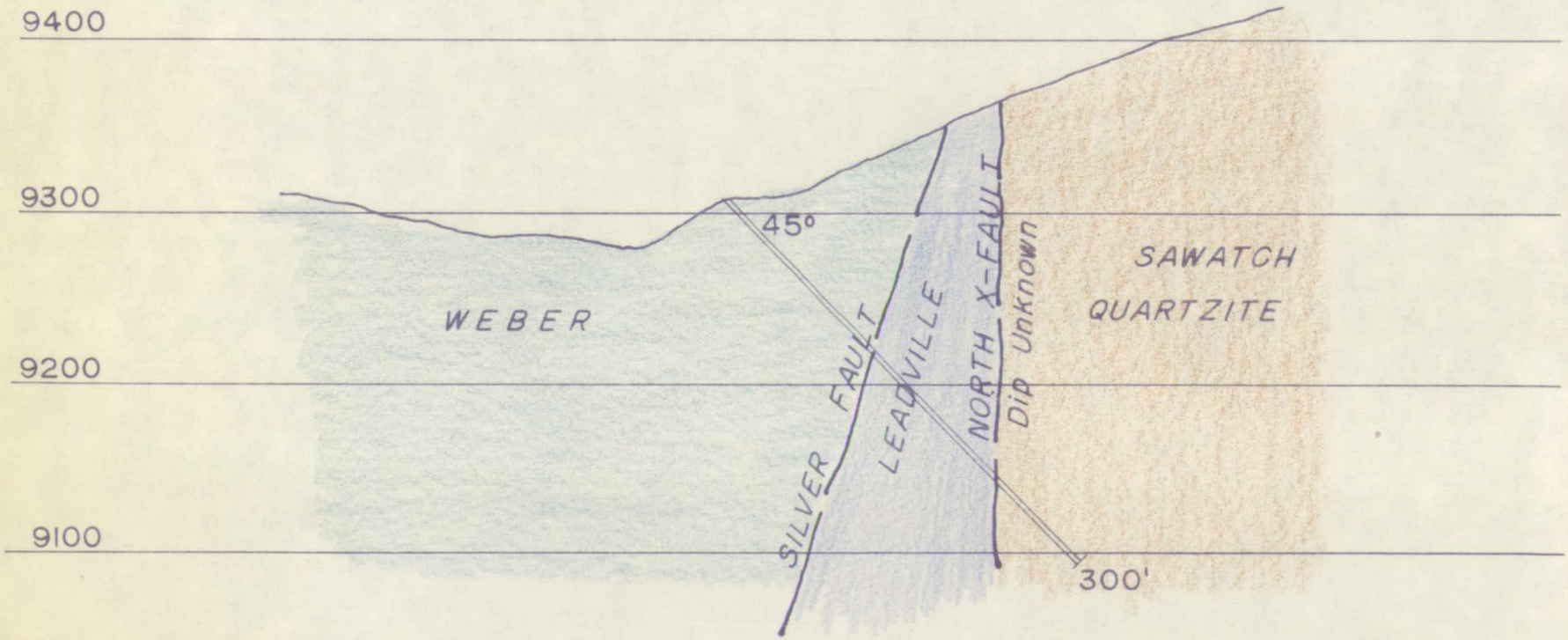
Section 1-1

PROPOSED DIAMOND DRILL HOLE NO. 8

BEARING N 45° E

Scale 1" = 100'

LENADO PROJECT



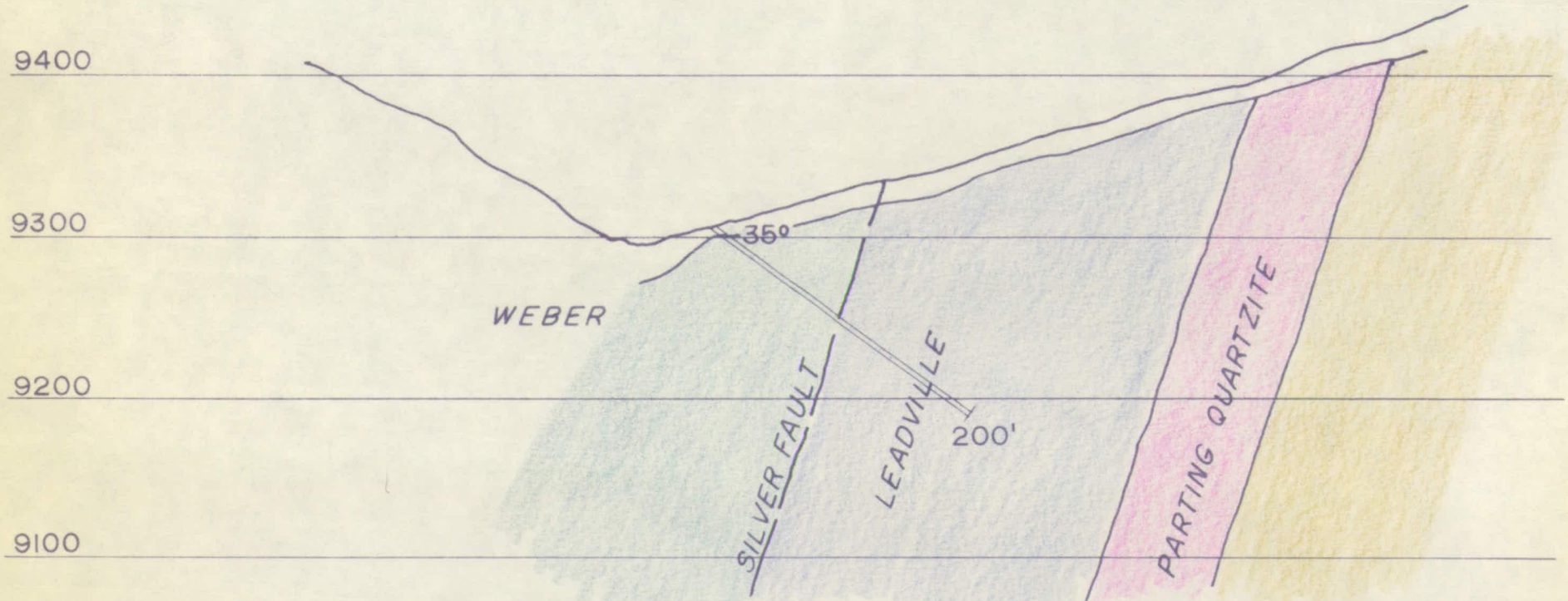
Section J-J

PROPOSED DIAMOND DRILL HOLE NO. 9

BEARING N85°E

Scale 1" = 100'

LENADO PROJECT



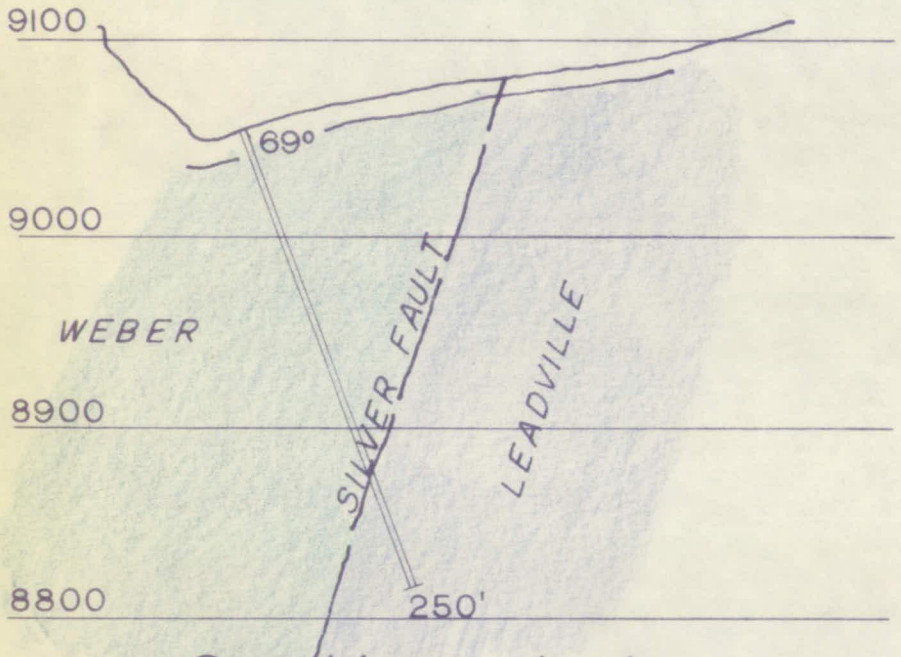
Section K-K

PROPOSED DIAMOND DRILL HOLE NO. 10

BEARING S 63°E Application says If favorable extend

Scale 1" = 100'

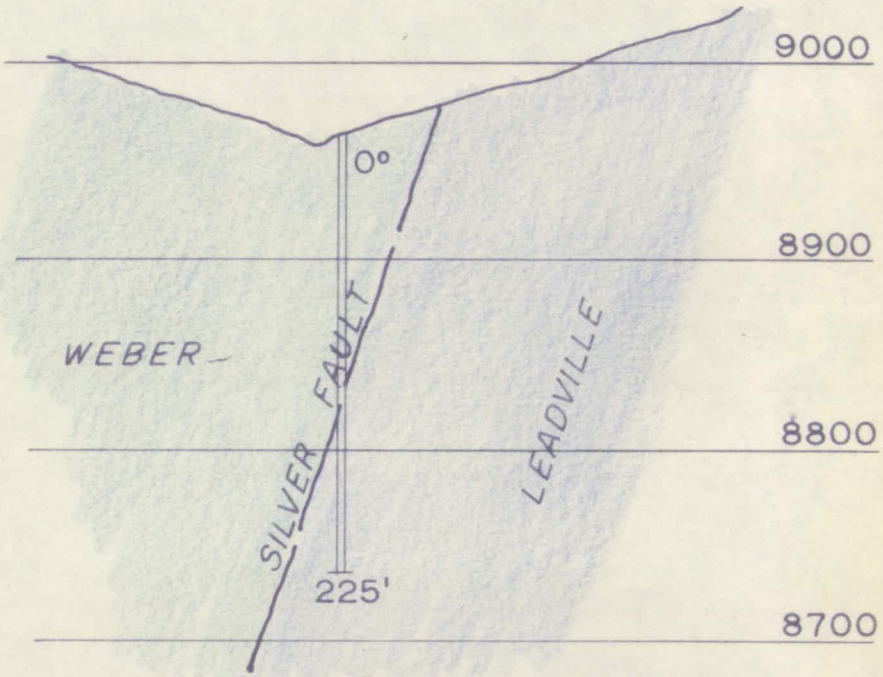
LENADO PROJECT



Section L-L

PROPOSED DIAMOND DRILL HOLE NO. 11

BEARING S 71° E



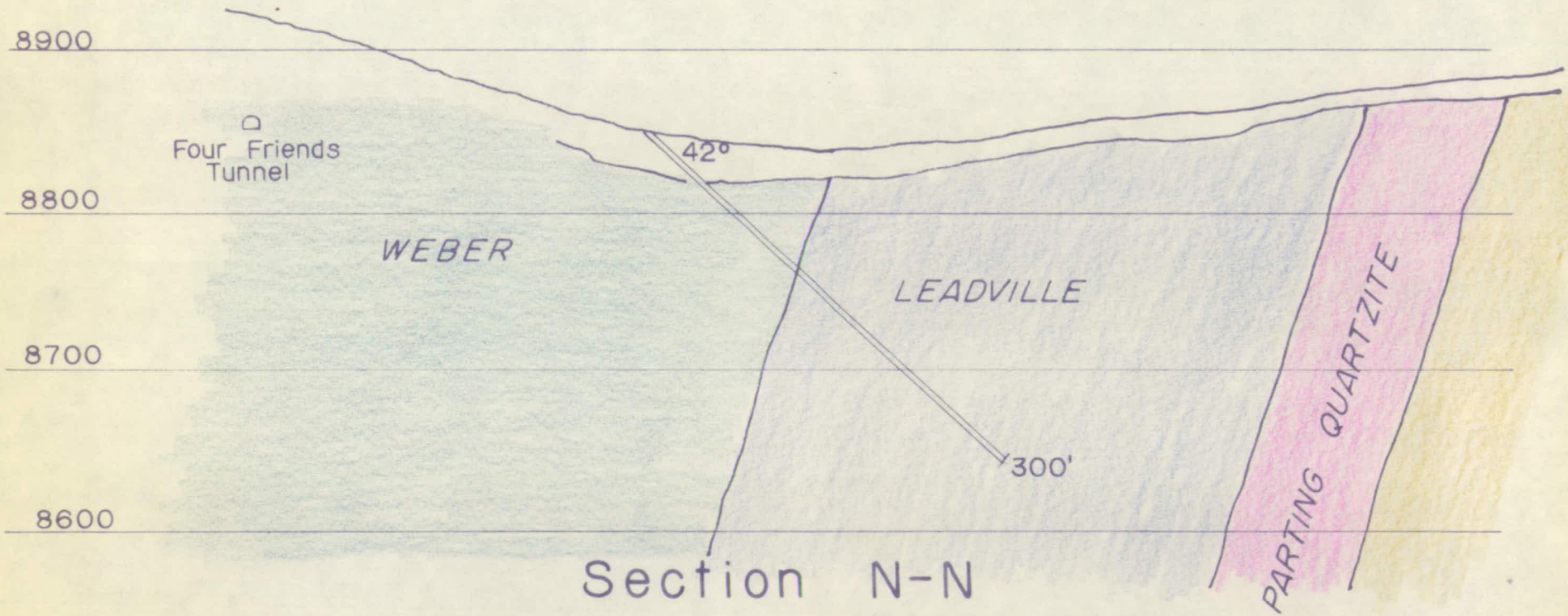
Section M-M

PROPOSED DIAMOND DRILL HOLE NO. 12

VERTICAL HOLE

Scale 1" = 100'

LENADO PROJECT



Section N-N

PROPOSED DIAMOND DRILL HOLE NO. 13

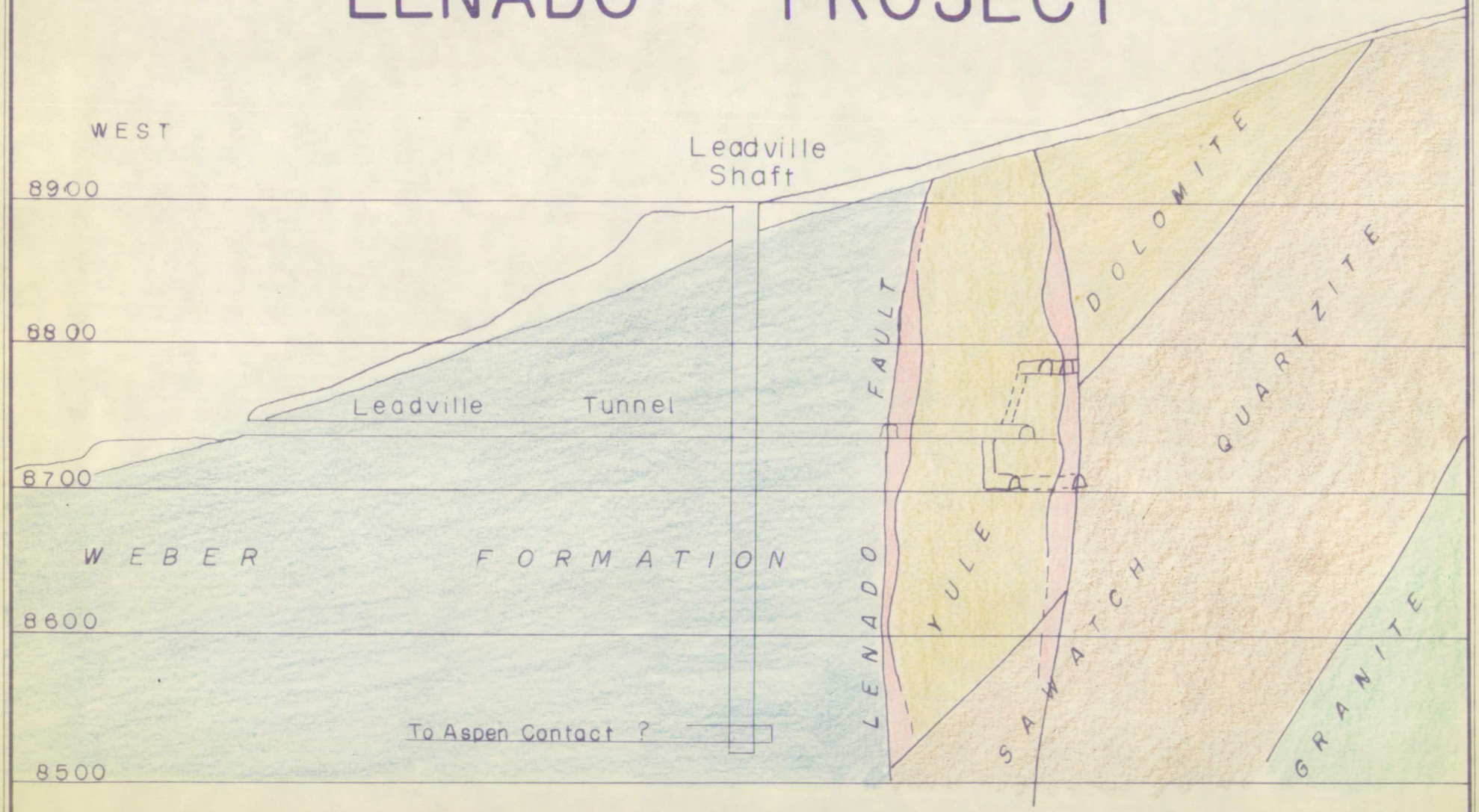
BEARING S 71° E

Scale 1" = 100'

OFFICIAL
COPY
O. M. E.
RECEIVED
FEB 11 1965

INITIALS	CODE

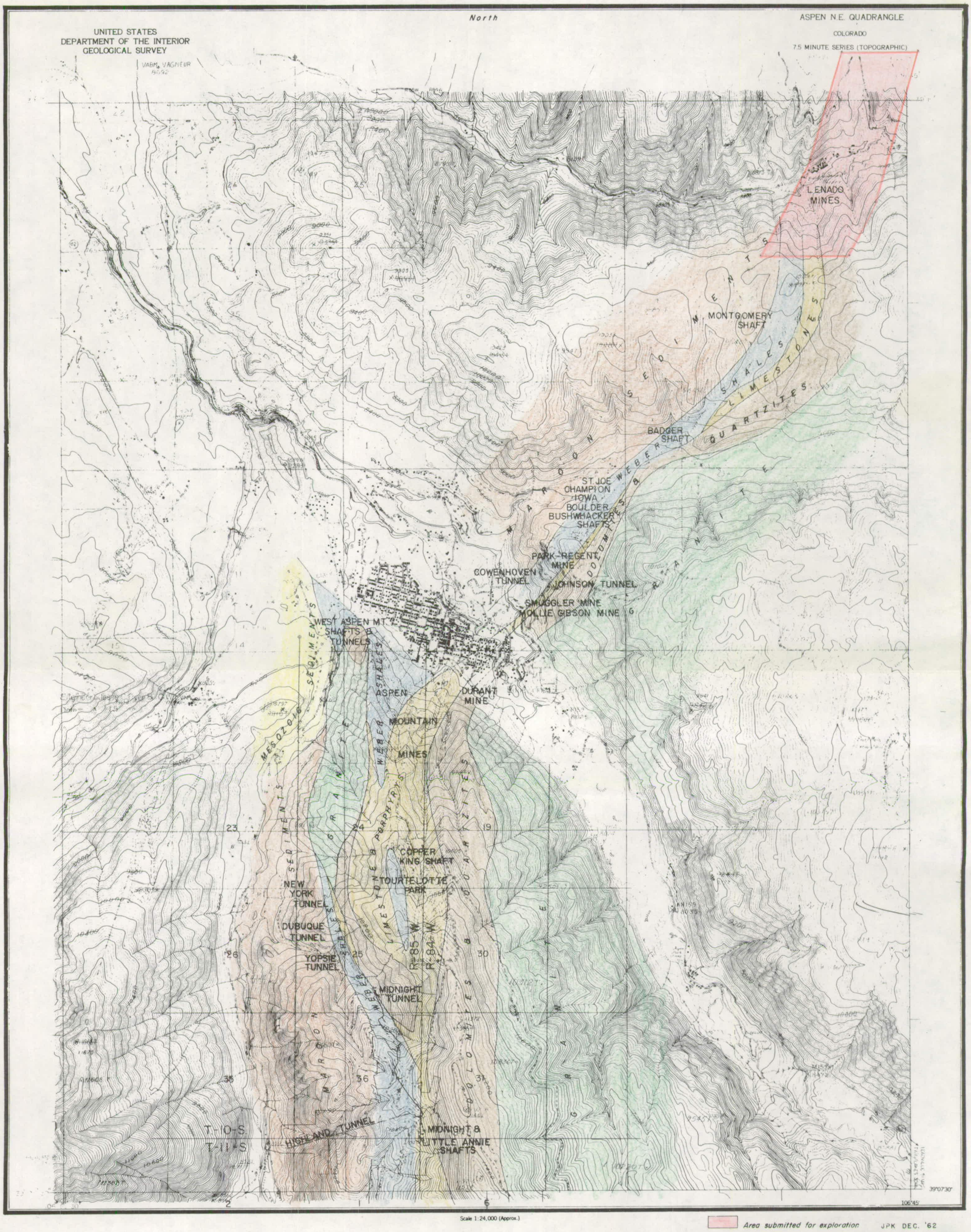
LENADO PROJECT



Section B - B

Scale 1" = 100'

J.P.K. 3/'64



Scale 1:24,000 (Approx.)

CONTOUR INTERVAL 40 FEET

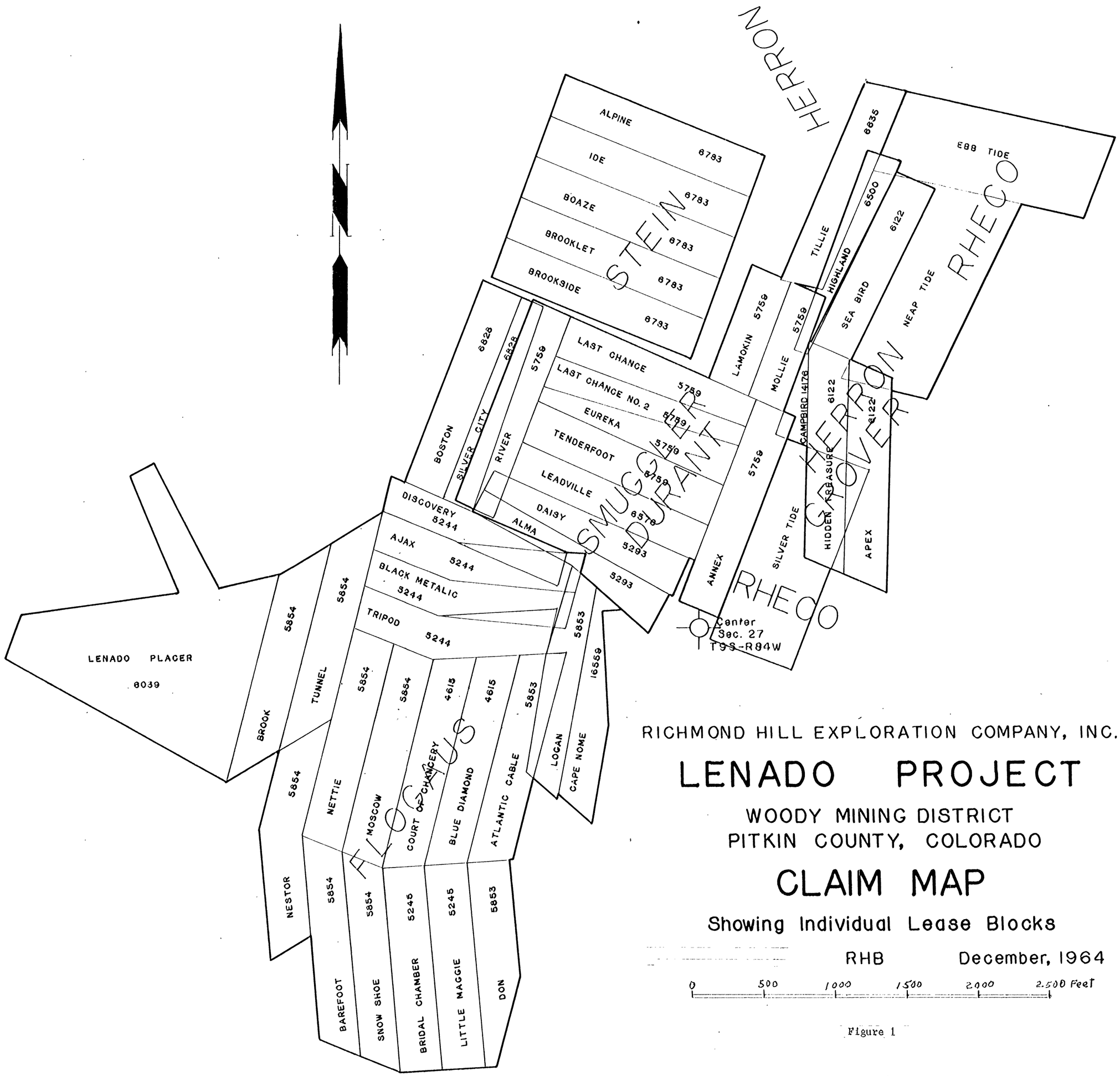
Area submitted for exploration

JPK DEC. '62

GENERALIZED GEOLOGIC MAP
ASPEN AREA

Scale: 1 Mile

OME-6415



RICHMOND HILL EXPLORATION COMPANY, INC.

LENADO PROJECT

WOODY MINING DISTRICT
PITKIN COUNTY, COLORADO

CLAIM MAP

Showing Individual Lease Blocks

RHB December, 1964

0 500 1000 1500 2000 2500 Feet

Figure 1

OME-6415 (Silver)

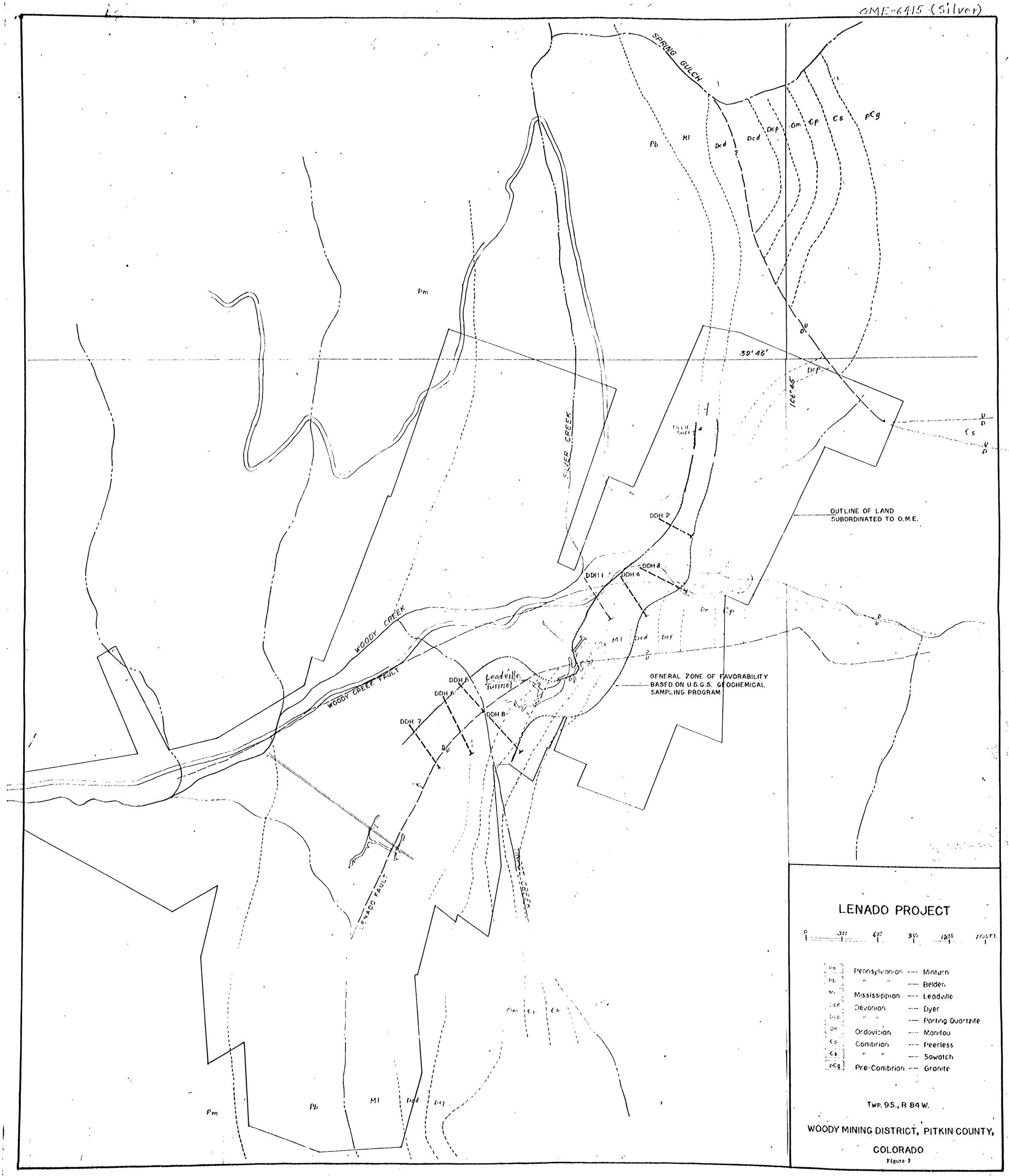
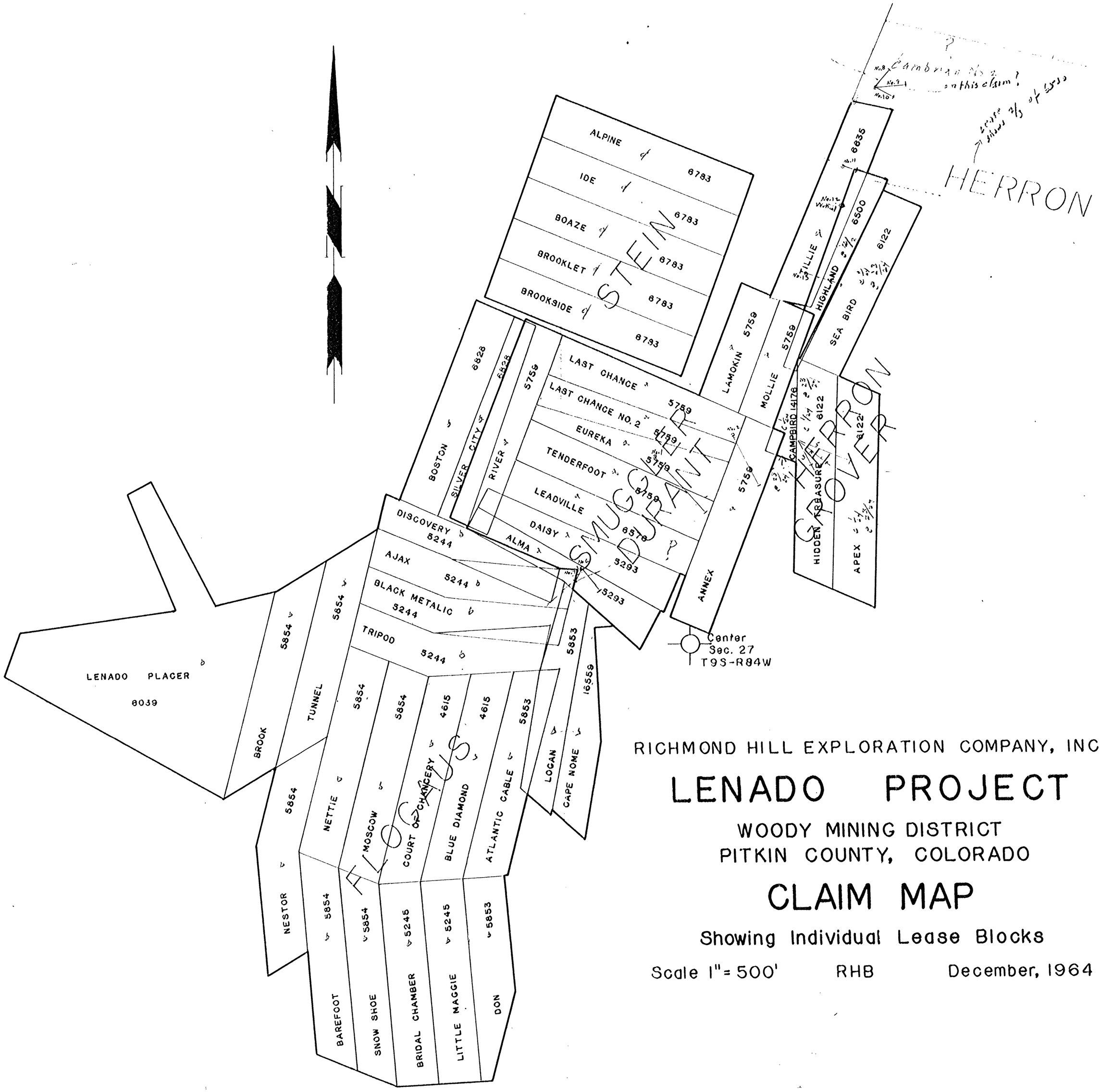


Figure 2



RICHMOND HILL EXPLORATION COMPANY, INC.

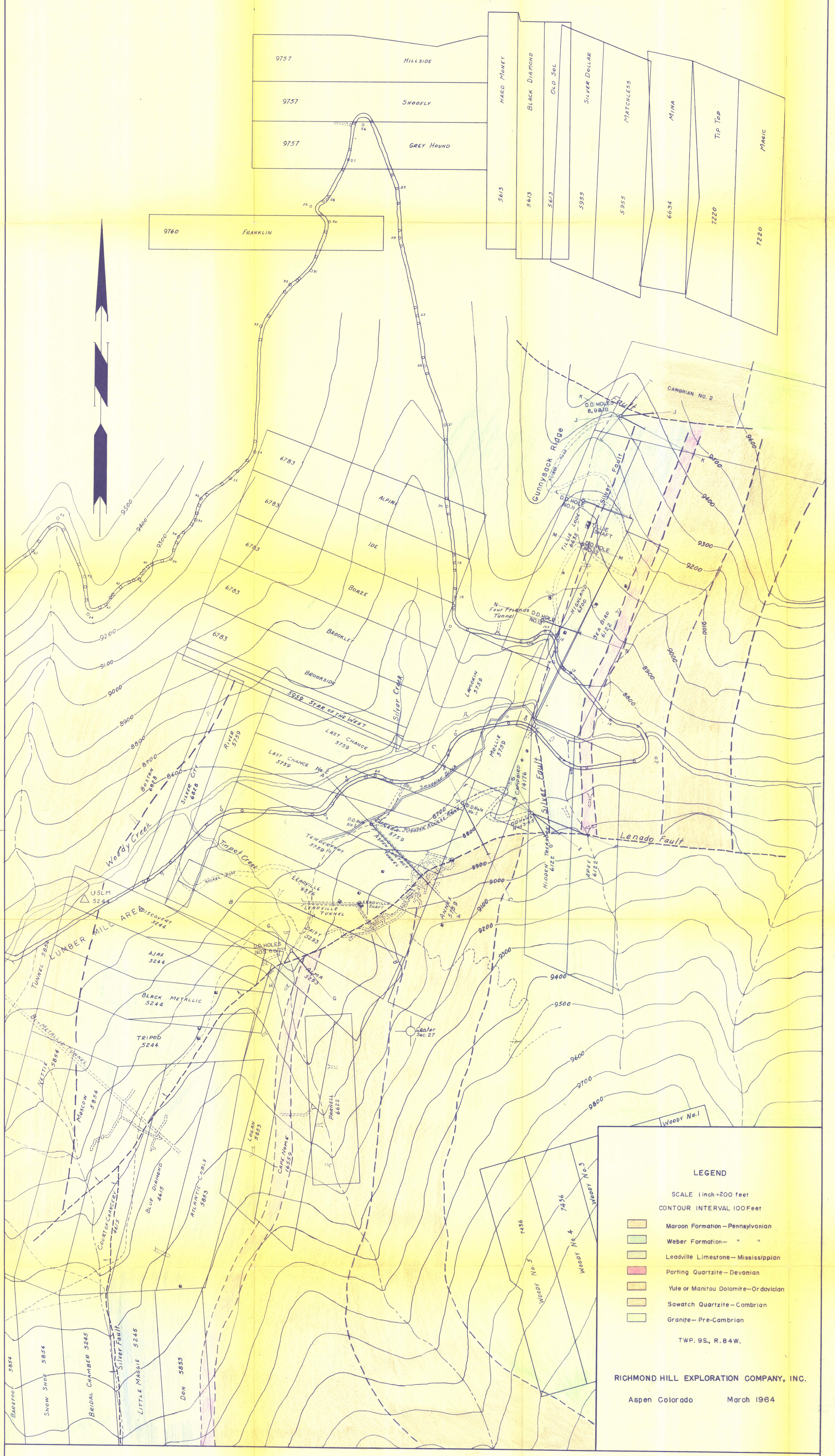
LENADO PROJECT

WOODY MINING DISTRICT
PITKIN COUNTY, COLORADO

CLAIM MAP

Showing Individual Lease Blocks

Scale 1" = 500' RHB December, 1964

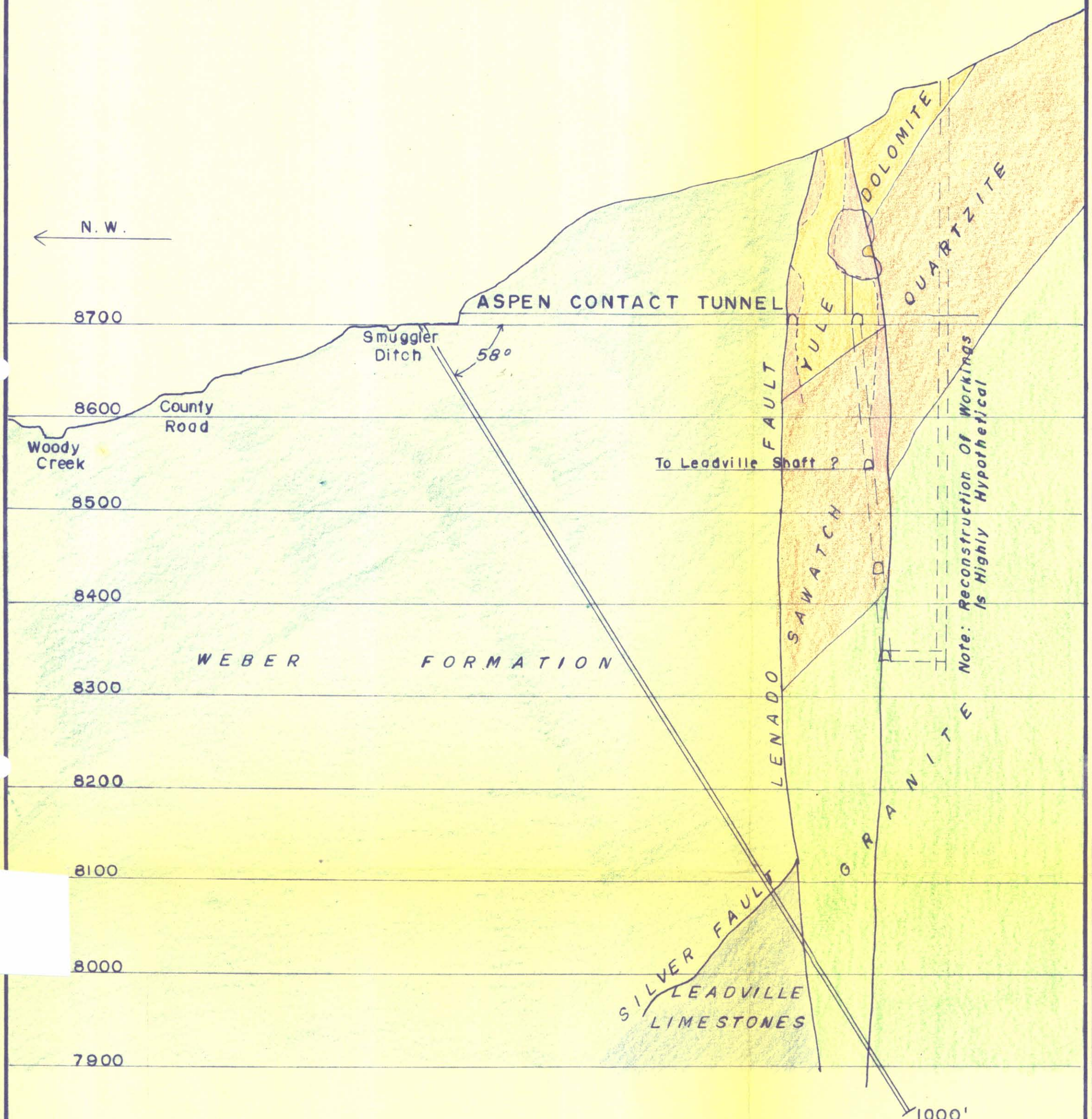


BASE MAP — PROPOSED EXPLORATION

LENADO PROJECT

WOODY MINING DISTRICT, PITKIN COUNTY, COLORADO.

LENADO PROJECT



Section A-A

SHOWING PROPOSED DIAMOND DRILL HOLE NO. 1
UNDER ASPEN CONTACT MINE – BEARING S 45° E

Scale 1" = 100'

J.P.K. 3/'64

OME-6415

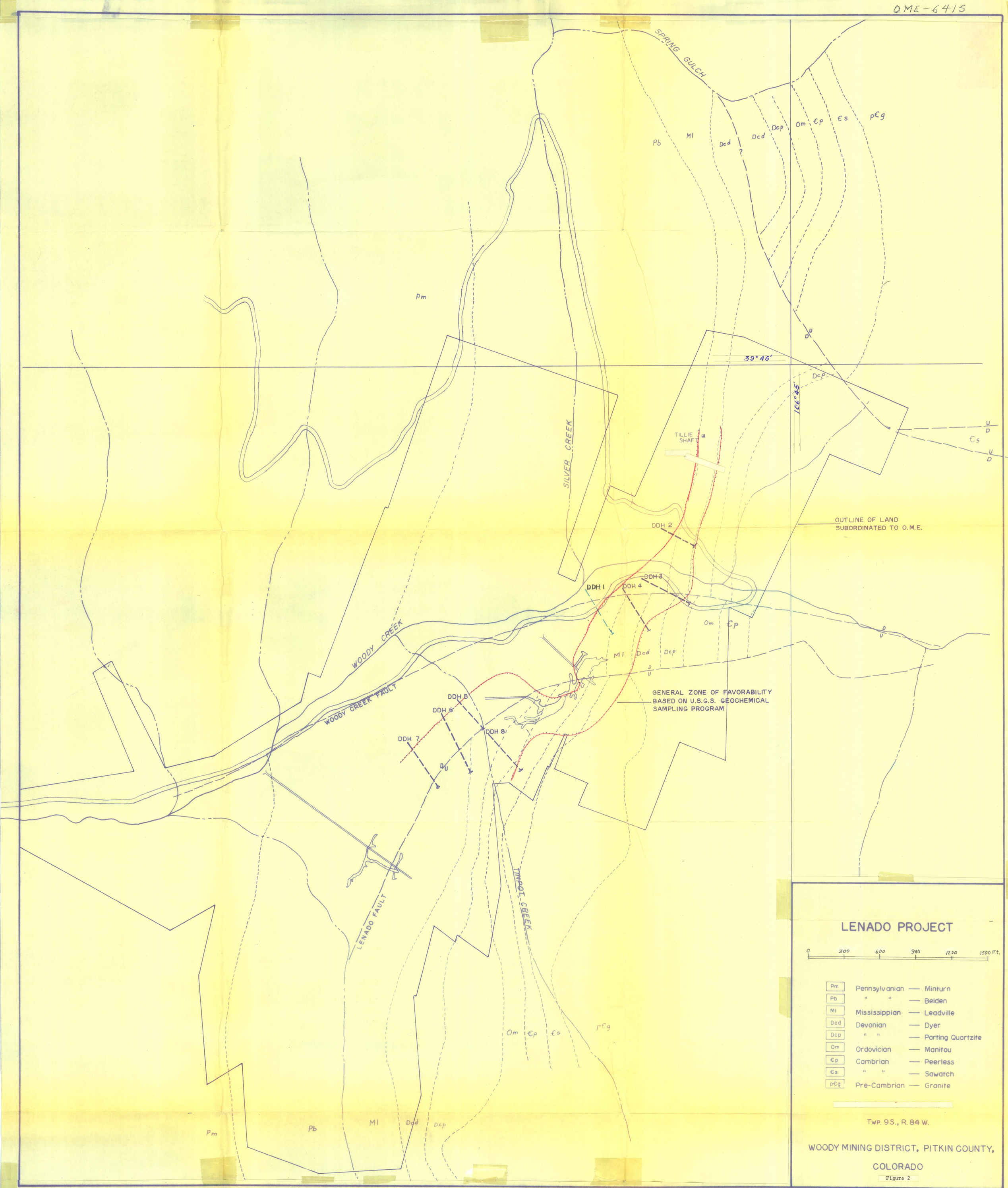
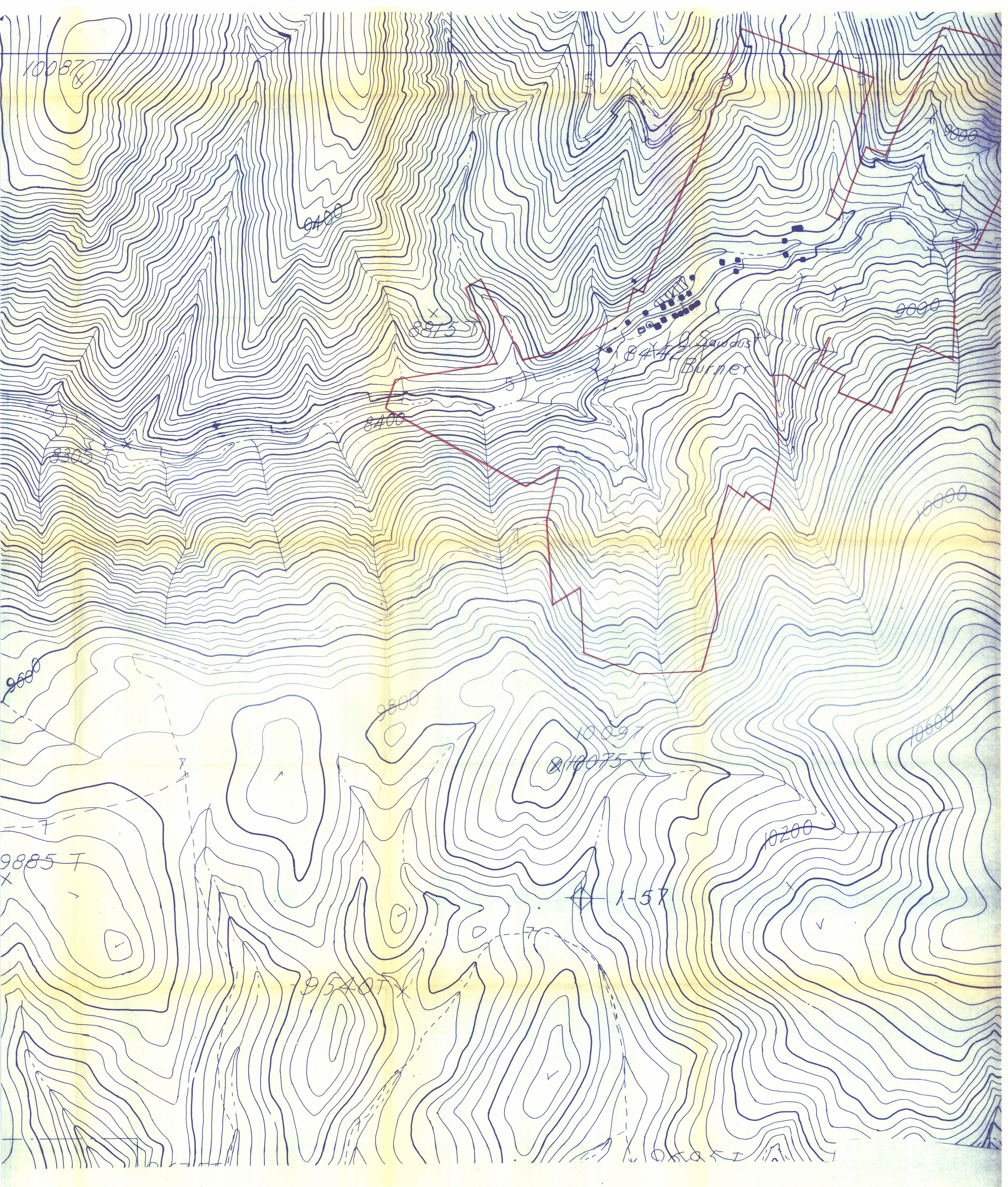
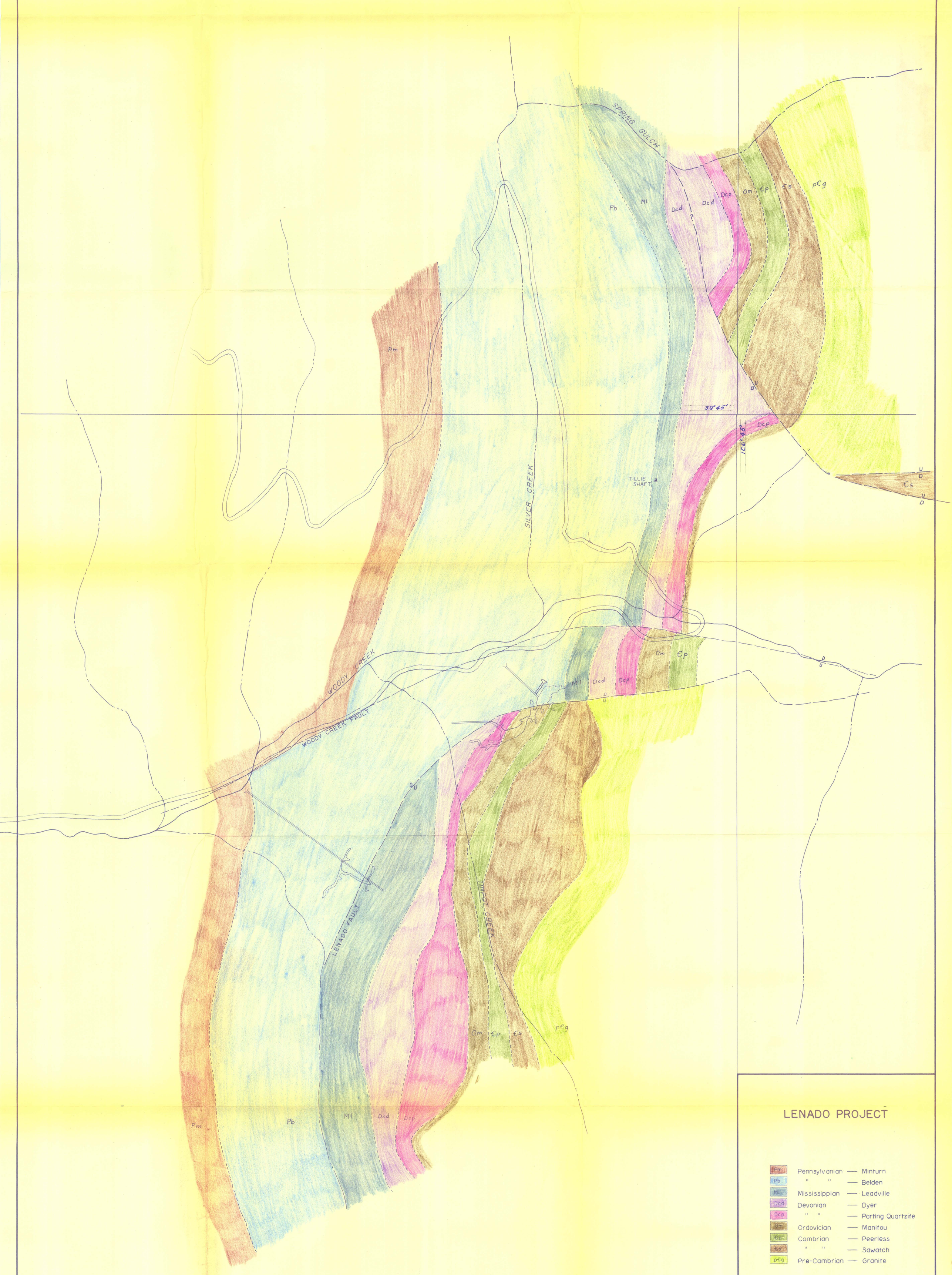


Figure 2


10087 T
9400
8815 T
8400
8305 T
9000
9000
Sawdust
Burner
10000
9600
9800
10097
10075 T
10600
10200
9885 T
1-57
9540 T


SPRING GULCH
Pb
Ml
Dcd
Dcp
Om
Єp
Єs
pЄg
Pm
39°45'
106°45'
TILLIE SHAFT
SILVER CREEK
Єs
WOODY CREEK
WOODY CREEK FAULT
LENADO FAULT
TIMPOT CREEK
Om
Єp
Єs
pЄg
Pm
Pb
Ml
Dcd
Dcp
LENADO PROJECT
Pm Pennsylvanian — Minturn
Pb " " — Belden
Ml Mississippian — Leadville
Dcd Devonian — Dyer
Dcp " " — Parting Quartzite
Om Ordovician — Manitou
Єp Cambrian — Peerless
Єs " " — Sawatch
pЄg Pre-Cambrian — Granite
SCALE 1 Inch=300 Feet
Twp. 9S., R. 84 W.
WOODY MINING DISTRICT, PITKIN COUNTY, COLORADO