MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. _____ Docket No. 6764

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] On-site Exam. Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty Material

72195-65

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

December 13, 1968

RECEIVED
DEC 16 1968
INITIALS | CODE

Memorandum

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

From: Field Officer
Region II

Subject: New Application (Mercury)
James R. Wylie
Renny, et al., Claims (Shotgun Prospect)
Kuskokwim Recording District, Alaska

Enclosed is one copy of an application to explore by trenching for cinnabar-bearing ore bodies in three localities along the Shotgun fault. A second copy has been retained in our files.

Upon reviewing the application it appears that there is little basis for inferring the dimensions of the three targets, and none for inferring a grade of one percent Hg. In the economics estimate no allowance is made for waste removal if mined open pit, and insufficient allowance ($20.00) is made for mining and processing if mined underground.

Trenches are illustrated for Stage I, but their length of 1,000 (1,200?) feet each suggests prospecting rather than exploration, especially at targets 2 and 3.

If no alternative can be found to avoid purchase of a bulldozer, then demobilization costs should be included.

The Applicant is the same James R. Wylie as the Operator under OME-6583, Contract 2238.

R. M. Smith
for H. K. Stager

Enclosure

MME Form 40
Jan. 65

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

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.)*

JAMES R. WYLIE
P. O. BOX 208,
APTOS, CALIFORNIA 95003

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6464

DATE RECEIVED 12/16/68

REGION II

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL ☐
CORPORATION ☐
PARTNERSHIP ☐
OTHER *(Specify)* ☒ Joint Venture

STATE IN WHICH FIRM IS ORGANIZED Calif.

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Robert W. Hockey	611 Santa Cruz Ave Menlo Park, Calif.	Contributor
Elwood M. Haynes	Box 918, Palo Alto, Calif	"
Chauncey F. Lufkin	1285 Bay Laurel Drive, Menlo Park, Calif.	"
Anthony P. Meier	611 Santa Cruz Ave, Menlo Park, Calif	"
Ray S. Stewart	55 Serrans Drive, Atherton, Cal	"
William W. Halford,	2 Faxon Rd, Atherton, Cal	"

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
Cinnabar

ESTIMATED COST OF PROJECT
$ 76,700.

PROPERTY NAME: SHOTGUN PROSPECT

LOCATION — COUNTY: Kuskokwim Recording District; STATE: Nushagak Hills, Alaska

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.~~ 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.

December 4, 1968
DATED

James R. Wylie
BY *(Signature)*

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

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 688-4623, AREA CODE 408

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

December 4, 1968

Mr. Harold K. Stager, Field Officer
Office of Minerals Exploration
United States Geological Survey
345 Middlefield Road,
Menlo Park, California 94025

Dear Mr. Stager:

Attached is an application in duplicate for financial assistance for our Proposed Shotgun Cinnabar Prospect Tractor Trench Program. Included are two copies of the Prospect Report describing the location of the prospect and the work accomplished to date, costs estimates for the Trench Program, Economic Estimates, a list of the 18 claims, and copies of correspondence with 3 local banks.

I hold title to all claims and operate the work at my own risk under a Joint Venture Agreement with the named partners. We propose to raise our share of the costs from our partners.

I staked all 18 claims, which were recorded in the Kuskokwim Recording District, Aniak; and in the Bristol Bay Recording District, Dillingham. This was done because of the difficulty of locating the boundarys of the districts. This area is unsurveyed however it would include portions of Sections 2, 3, 11, 12- T5N/R47W SBM per the 1967 Taylor Mountain Quadrangle.

During the summer of 1968, a helicopter prospecting survey evaluated the Nushagak Hills Area. After Cinnabar was traced to the prospect by pan, a brief geological investigation revealed a substantial fault trending N35°W in the prospect area. Aerial photo interpretation has further substantiated the existance of this fault. The 6 hand dug holes described in the report are the only improvements on the property. The writer knows of no other work in the Nushagak Hills Area.

We propose to evaluate the prospect with a series of trenches across the strike of the Shotgun Fault, either using a backhoe or a tractor blade (whichever would be most convenient and less costly), to bedrock followed by stripping likely areas completely free

James R. Wylie
POST OFFICE BOX 208
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PHONE 688-4623, AREA CODE 408

GEOLOGIST LICENSED MINERAL, OIL AND GAS BROKER

of overburden. If the 1st season's work, composed of 11000' of trench is successful, we propose to infill trenches and strip extensively the following season.

Trenches would be programed for 400' spacing on Target #1, 800' spacing on Target #2 and #3 during the initial program. One or two trenches would be run (with slight offsets) the entire claim width. Others would be run only the width of the fault zone or where Cinnabar is encountered. Bedrock samples on a 2' to 5' spacing would be recovered for future use from all trenches which would also be mapped geologically.

The prospect is not readily accessible however it is thought that a small cub can land near the property. When equipment is on site, a 1200'x50' landing strip would be prepared capable of handling a Cessna 180 on wheels. A winter tractor trail from Sleetmute ends 31 miles to the north at the old Taylor Mountain Gold Mine. WEin Consolidated Airlines flys regular schedules into Dillingham 110 miles to the south, and into Aniak, 95 miles to the northwest.

Equipment could be started to move in late May and it is estimated that trenching could be begun July 1, 1969, after the ground is thawed. It is estimated that 3 men working 90 days could move in, set up, prepare the air strip, survey and trench the 11000' as outlined averaging 125'/day and costing $4.55 per linial foot trenched.

I am a graduate geologist and a member of AAPG and AIPG. I worked as an exploration Geologist for the Gulf Oil Corporation for 12 years, 3 of which were in Alaska. The past 5 years have been spent consulting for oil and minerlas. I will supervise all of the work.

Please contact me if I can supply you with additional information or if you have any questions.

Very truly yours,

James R. Wylie

James R. Wylie

JRW/nc

SHOTGUN CINNABAR PROSPECT
NUSHAGAK HILLS, ALASKA

INTRODUCTION

Attached is a claim map of the Shotgun Prospect, a generalized geologic map, and a crossection, and a description of the hand dug prospect holes. The Shotgun Prospect is located in the uppermost headwaters of the Shotgun Creek Drainage, a tributary to Holitna River of the Kuskokwim River Drainage. The area of interest is located approximately 270 miles west of Anchorage and approximately 12 miles west south west from Finn Mountain.

A helicopter together with a 4 man crewswas used to locate the prospect and approximately 11 days were used to detail the area using the gold pan and stake 18 claims.

CAMP

A tent camp was set up on a large bar on the Holitna River approximately 1 mile below the townsite of Kashegelok now consisting of 2 native families.

CREW

Thecrew consisted of 4 persons composed of a geologist-supervisor, a helicopter pilot-mechanic, and two field assistants.

FIXED WING SUPPORT

Vanderpool's Flying Service of Aniak (Buster Vanderpool) using a Cessna 180 on floats was used to move in men and equipment from Aniak and to supply the camp with food and fuel.

HELICOPTER

A Bell 47G-2, 3 place helicopter was leased from ERA Helicopters of Anchorage. One man supplied by ERA acted as pilot-mechanic. The ship averaged 50 mph, at 17 mpg of 80/87 gasoline and carried 2 passengers plus approximately 100# baggabe in addition to 3 hours fuel.

MANNER OF DOING WORK

Each day, the geologist, field assistant and pilot would prospect using the helicopter. One assistant remained in camp to cook and do miscellaneous chores. A systematic search of the surrounding area wher e

pans were taken at 5 to 10 mile intervals was undertaken. First indication of the Shotgun Prospect was observed in Shotgun Creek approximately 18 miles from the Source.

Two pans were taken at the heads of bars or other suitable locality. The heavy minerals were inspected using a 10x hand lens. Cinnabar and gold were noted. All heavies were then transferred to a plastic baggie and retained and labeled for future use.

When tracing, pans were taken at lesser intervals and each stream was cut separately.

SAMPLES

Thirty-six samples were taken on the Shotgun Prospect consisting of 2 pans each. A numerical system was used to calibrate the Cinnabar recovered in relation to other pans. Although elementary, this system aided materially in outlining the area of interest. Following is the grade scale list:

VERY VERY COARSE	larger than 1/16"	40 points
VERY COARSE	1/16" diam	20 points
COARSE	pinhead	10
FINE		5
VERY FINE	need hand lens	2½
VERY VERY FINE	need hand lens	1

The point score was totalled for each sample location including the two pans and then halved to provide the values shown on the Generalized Geologic Map.

PROSPECT HOLES

Float was traced on the hillside above the stream channel and at the best showing a hand dug hole was excavated. In all, 6 holes were dug at 50' intervals in a S50°W direction with results as indicated on the attached sheet. As noted, Prospect Hole #6, encountered considerable float, and appears to have bisected the fault trace.

FLOAT

Cinnabar was observed along the fracture plane in a very thin film. Many of the float samples dug from the Prospect Holes showed fine and coarse grains of Cinnabar interspersed in the sandstone matrix.

SHOTGUN FAULT

Trending approximately N35°W, the near vertical Shotgun Fault bisects the area of interest. The fault can be observed in the field and traced approximately 15 miles from aerial photos. The fracture appears to separate resistant dike material to the south from highly fractured shale of the Cretaceous Kuskokwim Group.

SEDIMENTS

The sediments in the surrounding area are from the Cretaceous Kuskokwim Formation composed of interbedded snadstones and shales occassionally cut by volcanic dikes. In the area of interest, the trend is N35°W forming a part of a huge arcuate zone peculiar to the Nushagak Hills Region.

TERRAIN

The area of interest is covered with tundra with small trees or bushes in the draws. From 3 to 10 feet of overburden is thought to cover bedrock. It is gently sloping and cut in the north by a small stream which may directly overly the fault zone. The area is easy to traverse on foot and a small cub can probably land on the hilltop within 300 yards of the prospect.

CONCLUSION

A new area, 45 miles from any known cinnabar deposit, and containing an unkown amount of cinnabar has been discovered and outlined using the gold pan technique. A zone 200' wide, possibly 2 miles long in the Shotgun Fault trace is thought to be highly promising to contain cinnabar deposits of economic importance.

James R. Wylie

September 18, 1968

SHOTGUN PROSPECT

DESCRIPTION OF PROSPECT HOLES

The following describes hand dug holes tracing float:

PROSPECT HOLE #1, o' elevation, 3' diameter

6" loose rock and float
1½' brown clay and gravel
1½' fractured sandstone rubble with some float
½' very coarse angular sandstone rubble, no float
3' Total Depth

PROSPECT HOLE #2, 3' elevation, 3' diameter

½' loose gravel angular and float
½' brown clay
2½' sandstone rubble with Hg float at bottom
½' angular sandstone rubble
4' Total Depth

PROSPECT HOLE #3, 5' elevation, 3' diameter

½' loose gravel and Hg float
1' brown clay
1' sandstone rubble with some Hg float
½' sandstone bedrock bubble
3' Total Depth

PROSPECT HOLE #4, 7' elevation, 3' diameter

1' loose talas and Hg float
½' dark soil and sandstone fragments
1' brown clay
½' fractured shale, fresh, no float
3' Total Depth

PROSPECT HOLE #5, 10' elevation, 3' diameter

½' moss and tundra
½' gravel with some Hg float
1' dark brown clay
1½' angular sandstone rubble
1' fresh sandstone fragments with consid Hg float
½' brown clay
½' gray fractured shale-shattered, considerable Hg float fractured and interbedded in sandstone
5½' Total Depth

PROSPECT HOLE #6, 20' elevation, 3' diameter

½' tundra
½' angular gravel, loose, no Hg
3½' angular sandstone rubble, no Hg
1' fractured sandstone, considerable Hg fragments
½' fractured sandstone, angular, with Hg along slicks and interbedded in sandstone, appears to have penetrated fracture zone.
6' Total Depth

SHOTGUN CINNABAR PROSPECT

NUSHAGAK HILLS, ALASKA

LODE CLAIMS STAKED BY JAMES R. WYLIE

18 CLAIMS STAKED AUGUST 18, 19, 1968
RECORDED SEPTEMBER 10, 1968
KUSKOKWIM RECORDING DISTRICT,
ANIAK, ALASKA

NAME	SERIAL #	BOOK	PAGE
ROBIN #1	68-602	4	131
Map	68-602	4	132
ROBIN #2	68-603	4	133
RENNY #1	68-604	4	134
RENNY #2	68-605	4	135
MARGE #1	68-606	4	136
MARGE #2	68-607	4	137
MILLIE #1	68-608	4	138
MILLIE #2	68-609	4	139
VIRGINIA #1	68-610	4	140
VIRGINIA #2	68-611	4	141
BILL #1	68-612	4	142
BILL #2	68-613	4	143
BECKY #1	68-614	4	144
BECKY #2	68-615	4	145
BEN #1	68-616	4	146
BEN #2	68-617	4	147
JOHN #1	68-618	4	148
JOHN #2	68-619	4	149

RECORDED SEPTEMBER 16, 1968, BRISTOL BAY RECORDING DISTRICT
DILLINGHAM, ALASKA

Map	68-76	16	289
ROBIN #1	68-77	16	290
ROBIN #2	68-78	16	291
RENNY #1	68-79	16	292
RENNY #2	68-80	16	293
MARGE #1	68-81	16	294
MARGE #2	68-82	16	295
MILLIE #1	68-83	16	296
MILLIE #2	68-84	16	297
VIRGINIA #1	68-85	16	298
VIRGINIA #2	68-86	16	299
BILL #1	68-87	16	300
BILL #2	68-88	16	301
BECKY #1	68-89	16	302
BECKY #2	68-90	16	303
BEN #1	68-91	16	304
BEN #2	68-92	16	305
JOHN #1	68-93	16	306
JOHN #2	68-94	16	307

SHOTGUN PROSPECT

ESTIMATED ECONOMICS

November 8, 1968
James R. Wylie

ITEM		DATA
AREA OF PROSPECT: North, Central & South areas each 2000' long, 200' wide.	Square Ft	400,000
ORE ZONES: 25 individual ore shoots in each area	number ore shoots	75
Width each shoot	feet	10
Length each shoot	feet	100
Depth each shoot	feet	50
VOLUME ORE: 75 x10'x100'x50'	cubic feet	3,750,000
	cubic yards	138,000
WEIGHT ORE: 1½ tons/yard	tons	207,000
	pounds	414,000,000
CINNABAR: Concentrate @ 1%/ore	pounds	4,140,000
MERCURY: @ 75% of Cinnabar Concentrate	pounds	3,105,000
76 pound flask	flasks	41,000
VALUE OF MERCURY:	per flask	$500
TOTAL VALUE OF MERCURY IN PLACE:		$20,500,000

COSTS:

COST TO PROCESS: mine, concentrate, retort per yard	$20
TOTAL COST TO PROCESS: 138,000 yards	$3,770,000
PLANT, MINING EQUIPMENT:	$400,000
DRILL, TRENCH, EXPLORATION COSTS: including initial trench program	$300,000
RETORT PLANT:	50,000
TOTAL COSTS:	$4,520,000
NET VALUE PROSPECT:	$15,980,000

SHOTGUN PROSPECT

PROPOSED TRACTOR TRENCH PROGRAM

ESTIMATED COSTS

ITEM	1st PHASE PROGRAM 90 days	COSTS
TRACTOR:	John Deere #450 or equal with #193 backhoe or equal, wide track, good used machine	$20,000.
SHIPPING:	San Francisco-Anchorage	2,500.
AIR FREIGHT:	Aniak-Anchorage	4,000.
BARGE:	Aniak-Kasegelok	1,500.
LUBRICANTS:		500.
PARTS:		1,500.
FUEL:	diesel	1,200.
GASOLINE:		300.
SLED:	cables, tarps, etc.	1,500.
PERSONNEL:	operator $800/month plus travel costs	3,500.
	helper-panner $400/month plus travel	2,500.
SUPERVISOR:		2,300.
TENT CAMP GEAR:		500.
FOOD:	$5/man/day	2,000.
AIR TRANSPORTATION & TRAVEL COSTS:		1,200.
ASSAYS:	$5/each	500.
ASSAY TRANSPORTATION:		200.
OFFICE:		300.
INSURANCE:		500.
FIXED WING SUPPORT:		3,000.
CONSULTANT & TRAVEL:		600.
	TOTAL	$50,100.

PROGRAM:

Using the backhoe, dig 11000' trench, 2' to 10' deep across Shotgun Fault Zone, at rate of 125' per day costing $4.55/foot.

ITEM	2nd PHASE PROGRAM 120 days	COSTS
LUBRICANTS		$ 500.
PARTS		1,500.
FUEL:	diesel	1,500.
WINTERIZING:	set up costs	3,000.
GASOLINE		500.
PERSONNEL:		7,200.
SUPERVISOR:		3,000.
FOOD:		2,500.
AIR TRAVEL COSTS:		1,200.
ASSAYS	including transportation	700.
OFFICE:		400.
FIXED WING SUPPORT:		3,500.
CONSULTANT & TRAVEL		600.
INSURANCE:		500.
	TOTAL	$26,600.

PROGRAM:

Using the backhoe, dig 16000' trench, 2' to 10' deep across Shotgun Fault Zone. Using blade, trench 4800' along strike, at rate of 170' per day costing $1.26/lin foot.

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 688-4623, AREA CODE 408
GEOLOGIST
LICENSED MINERAL, OIL AND GAS BROKER

November 8, 1968

Mr. W. J. Cooks
Manager, Santa Cruz Branch
Crocker Citizens National Bank
720 Front Street,
Santa Cruz, California

Dear Mr. Cooks:

Please consider this to be an application for a loan from Crocker Citizens Bank to assist me in my efforts to develop the Shotgun Cinnabar Lode Prospect located in the Kuskokwim and Bristol Bay Recording Districts, Nushagak Hills, Alaska.

Attached for your inspection is a copy of the Prospector Report describing the discovery, a location plat of the 18 claims I now hold, a cost estimate for the proposed work, and an economic analysis.

I am hereby requesting a loan in the amount of $57,300. in order to carry on the proposed tractor trench program. I will raise the additional $19,400. required to complete this project. This request is for an 8%, 10 year loan repayable from production which we ho;e to develop.

Thank you for your consideration.

Very truly yours,

James R. Wylie

JRW/nc
Attachment

CROCKER-CITIZENS NATIONAL BANK
CHARTERED 1870
SANTA CRUZ OFFICE
720 FRONT STREET • SANTA CRUZ, CALIFORNIA 95060

November 8, 1968

Mr. James R. Wylie
P. O. Box 208
Aptos, California 95003

Re: Loan Request

Dear Mr. Wylie:

Thank you for your letter of November 8, 1968 wherein you outlined your request for a loan in the amount of $57,300.00 to cover development costs in your project in Alaska.

We are sorry to inform you that we are not presently in a position to favorably consider this request. We shall be interested to hear how this development progresses, and would offer our services to you for your future consideration.

Sincerely,

W. J. Cooks
Assistant Vice President
and Manager

WJC:jdd

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 688-4623, AREA CODE 408

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

November 8, 1968

Mr. Harry Johnson
Manager, Cabrillo-Aptos Branch
County Bank of Santa Cruz
P. O. Box 346,
Aptos, California 95003

Dear Mr. Johnson:

Please consider this to be an application for a loan from County Bank to assist me in my efforts to develop the Shotgun Cinnabar Lode Prospect located in the Kuskokwim and Bristol Bay Recording Districts, Nushagak Hills, Alaska.

Attached for your inspection is a copy of the Prospector Report describing the discovery, a location plat of the 18 claims I now hold, a cost estimate for the proposed work, and an economic estimate.

I am hereby requesting a loan in the amount of $57,300. in order to carry on the proposed tractor trench program. I will raise the additional $19,400. required to complete this project. This request is for a 8%, 10 year loan repayable from production which we hope to develop.

Thank you for your consideration.

Very truly yours,

James R. Wylie

JRW/nc
Attachment

APTOS-CABRILLO OFFICE

County Bank of Santa Cruz

ESTABLISHED 1870

RANCHO DEL MAR, APTOS, CALIFORNIA

November 11, 1968

Mr. James R. Wylie
P.O. Box 208
Aptos, California 95003

Dear Mr. Wylie:

In reply to your request of November 8, 1968 for a loan in the amount of $57,300.00 for the purpose of a proposed tractor and trench program in developing the Shotgun Cinnabar Lode Prospect, Nushagak Hills, Alaska, we regret to inform you that our bank has no program of this nature, and therefore must decline your request as applied for.

Sincerely,

Harry A. Johnson

Harry A. Johnson
Assistant Cashier and Manager

HAJ:bd

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 688-4623, AREA CODE 408

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

November 8, 1968

Mr. John F. Murphy
Manager, Aptos Branch
Wells Fargo Bank
7500 Soquel Drive,
Aptos, California 95003

Dear Mr. Murphy:

Please consider this to be an application for a loan from Wells Fargo Bank to assist me in my efforts to develop the Shotgun Cinnabar Lode Prospect located in the Kuskokwim and Bristol Bay Recording Districts, Nushagak Hills, Alaska.

Attached for your inspection is a copy of the Prospector Report describing the discovery, a location plat of the 18 claims I now hold, a cost estimate for the proposed work, and an economic estimate.

I am hereby requesting a loan in the amount of $57,300. in order to carry on the proposed tractor trench program. I will raise the additional $19,400. required to complete this project. This request is for an 8%, 10 year loan repayable from production which we hope to develop.

Thank you for your consideration.

Very truly yours,

James R. Wylie

JRW/nc
Attachment

Since 1852

WELLS FARGO BANK

APTOS OFFICE
7500 SOQUEL DRIVE
APTOS, CALIFORNIA 95003

November 25, 1968

James R. Wylie
P. O. Box 208
Aptos, Ca. 95003

Dear Mr. Wylie:

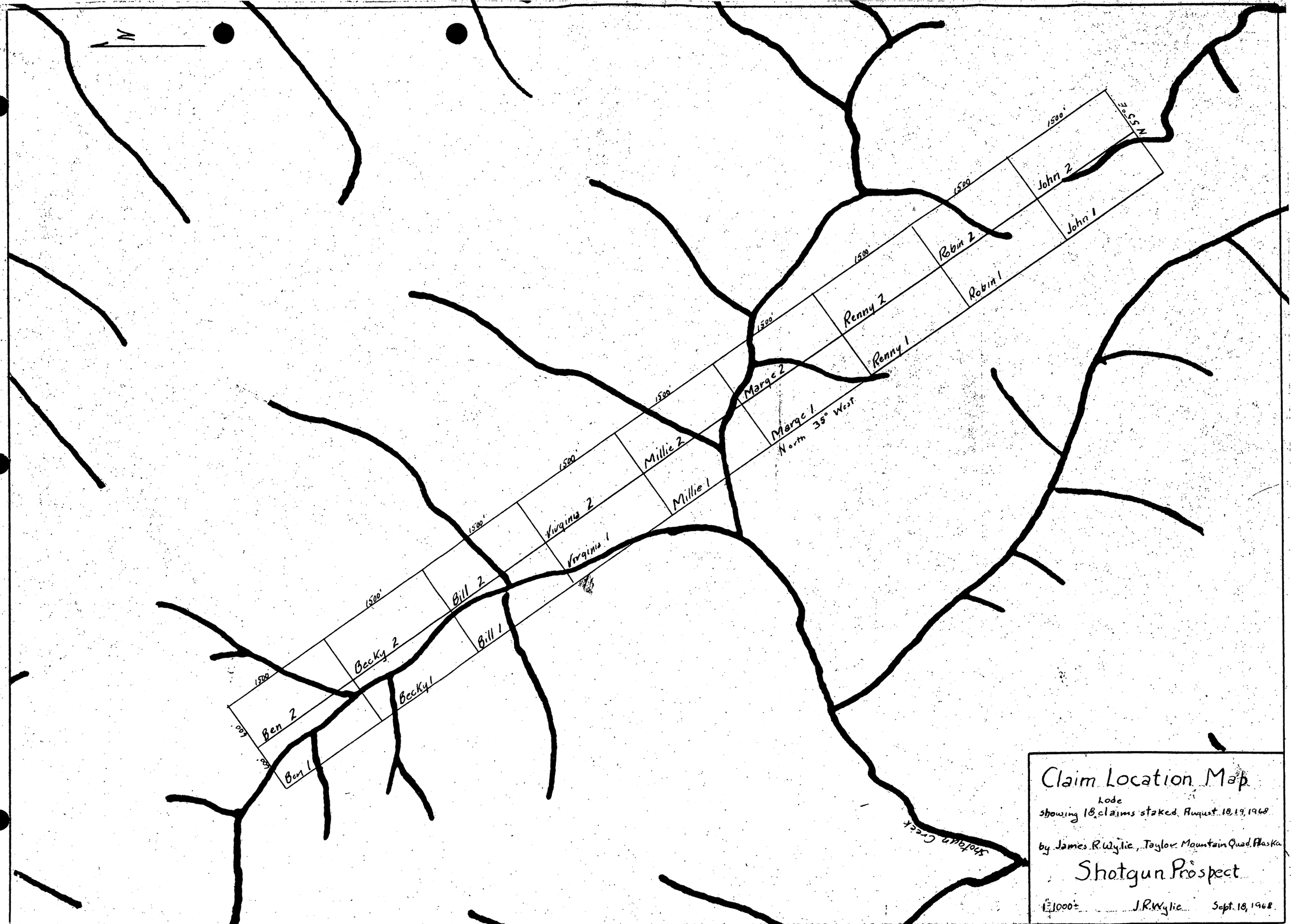
Thank you for your letter of November 8, 1968.

We regret we do not have a program for loans of this type and therefore are unable to comply with your request at this time. In the meantime we hope you can take advantage of our other services.

Yours truly,

John F. Murphy
Manager

JFM/jb


N
John 2
John 1
Robin 2
Robin 1
Renny 2
Renny 1
Marge 2
Marge 1
Millie 2
Millie 1
Virginia 2
Virginia 1
Bill 2
Bill 1
Becky 2
Becky 1
Ben 2
Ben 1
1500'
1500'
1500'
1500'
1500'
1500'
1500'
1500'
600'
600'
N 55° E
North 35° West
Shotgun Creek
Claim Location Map
showing 18 lode claims staked August 18, 19, 1968
by James R. Wylie, Taylor Mountain Quad. Alaska
Shotgun Prospect
1" = 1000'±
J.R. Wylie
Sept. 18, 1968

OFFICIAL
COPY
O. M. E.
RECEIVED
DEC 16 1968

INITIALS	CODE

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/30/69	Peterson	120
1/30/69	Kirkemo	120
		110
		220

JAN 30 1969

AIRMAIL

Mr. James R. Wylie
P. O. Box 208
Aptos, California 95003

Re: OME-6764 (Mercury)
James R. Wylie
Shotgun Prospect
Kuskokwim Recording District, Alaska

Dear Mr. Wylie:

This will acknowledge your letter of January 27, 1969 informing us that it may be fall before you are able to furnish the additional data needed to continue the processing of your application.

For administrative and fiscal reasons this office can not defer action on an application for such a lengthy and indefinite period of time. Therefore, under these circumstances, we shall consider the application as having been withdrawn and place it in our inactive files.

We shall be pleased to reopen this case at anytime in the future. It will be necessary for you to file a new application, referring to this OME docket number, and furnishing the information pertinent to your proposal. This information should include new bank letters dated within 90 days of filing the new application, but need not repeat data already submitted.

Sincerely yours,

FRANK E. JOHNSON (glu)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region II
Mr. Peterson

ECPeterson/bsl 1/30/69

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 688-4623, AREA CODE 408

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

January 27, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 30 1969

INITIALS	CODE
	130
bal	170
~~JR~~	~~110~~
GR	120

Mr. Frank E. Johnson
Chief, Office of Minerals Exploration
United States Department of the Interior
Geological Survey
Washington, D. C. 20242

Attention: Mr. Harold Kiokema

Dear Mr. Johnson:

Please refer to your letter dated December 18, 1968, regarding OME-6764 (Mercury), Shotgun Prospect in the Kuskokwim Recording District, Alaska.

During the summer of 1969 we plan to do additional work on the prospect and it is possible that by fall we will have additional information indicating known targets of sufficient size to warrent the Government's participation under an OME program.

If this time period is not too extended, and you feel this project has some merit I would appreciate your considering holding the application until the above work is completed.

Sincerely,

JRW/nc

James R. Wylie

cc: Mr. H. K. Stager

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/18/68	Peterson	120
12/18/68	Kerkemeyer	120
	(on leave)	110
12/18	CDC	220
		120M

AIRMAIL

DEC 17 1968

Mr. James R. Wylie
P. O. Box 208
Aptos, California 95003

Re: OME-6764 (Mercury)
James R. Wylie
Shotgun Prospect
Kuskokwim Recording District, Alaska

Dear Mr. Wylie:

Our review of your application for financial assistance indicates that not enough geologic evidence has been furnished to identify with reasonable certainty the proposed exploration targets and, therefore, the work you have outlined is considered to be prospecting rather than exploration and as such is not eligible for Government assistance.

It should be noted that work designed to gather preliminary geologic information does not qualify for assistance under OME regulations. The program is limited to the exploration of specific geologic targets in specific areas, and excludes participation in work required to delineate these targets and obtaining the necessary supporting evidence. Such material must be obtained by the Applicant at his own expense prior to the submittal of an application.

Should you perform additional work on the property and obtain sample and assay or other factual data which would indicate that the structures designated as exploration targets are strong and well mineralized for appreciable lengths, we shall be pleased to consider your application further at that time.

We shall continue to hold the application until we have either been advised that you intend to submit new data, or that you wish to withdraw the application.

Sincerely yours,

Harold Sikes
for Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME Docket
OME Reading File
Region II - Mr. Peterson

ECPeterson/bsl 12/18/68

December 16, 1968

Mr. James R. Wylie
P. O. Box 208
Aptos, California 95003

Subject: OME-6764

Dear Mr. Wylie:

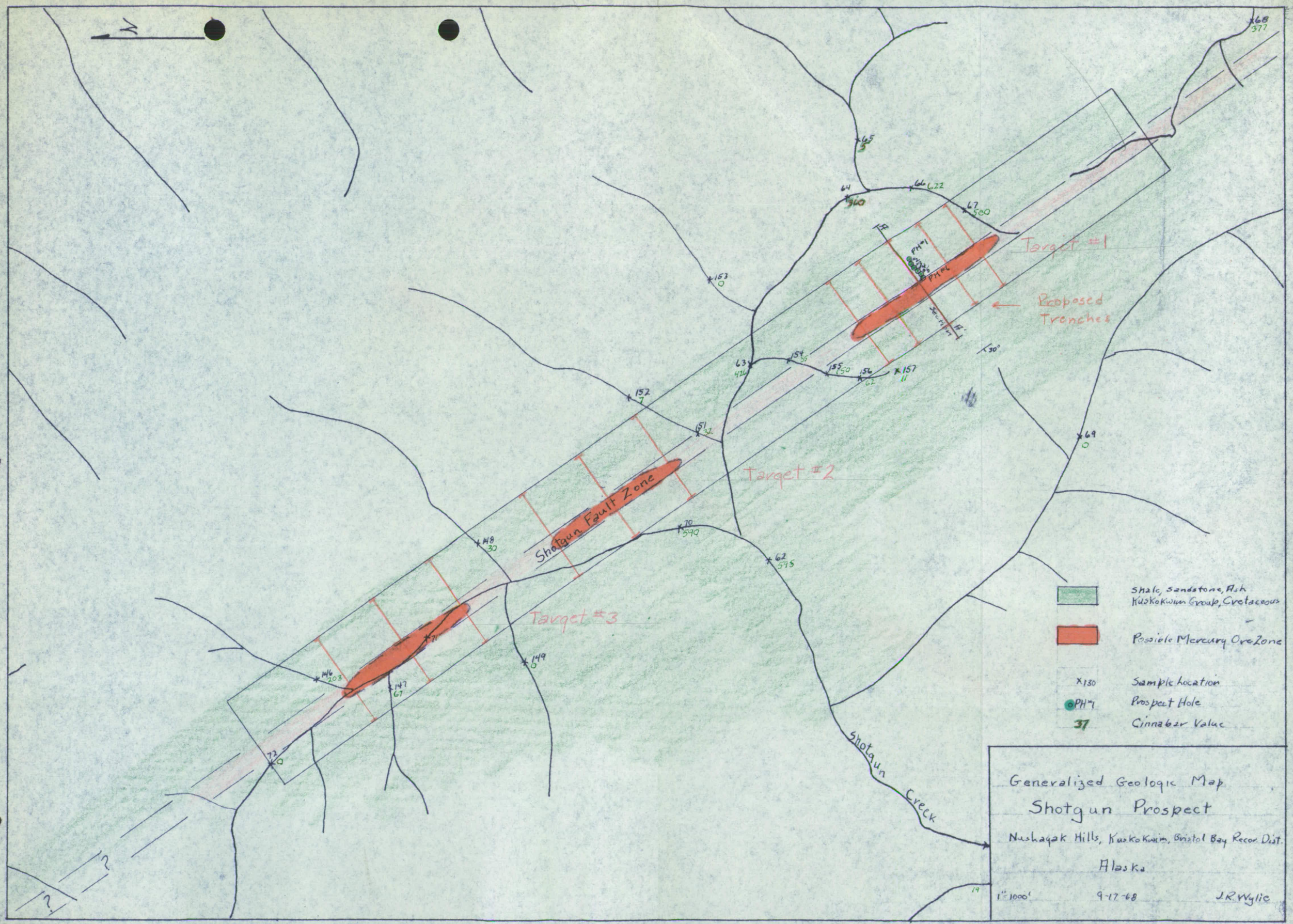
Your application for exploration assistance, dated December 4, 1968, submitted to our office at Menlo Park, California, has been assigned Docket No. OME-6764.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region II


N
Target #1
Proposed Trenches
Target #2
Shotgun Fault Zone
Target #3
Shotgun Creek
PH#1
PH#2
Section H-H'
30°
Shale, Sandstone, Ash
Kuskokwim Group, Cretaceous
Possible Mercury Ore Zone
X130 Sample location
PH#1 Prospect Hole
37 Cinnabar Value
Generalized Geologic Map
Shotgun Prospect
Nushagak Hills, Kuskokwim, Bristol Bay Recon. Dist.
Alaska
1" = 1000'
9-17-68
J.R. Wylie

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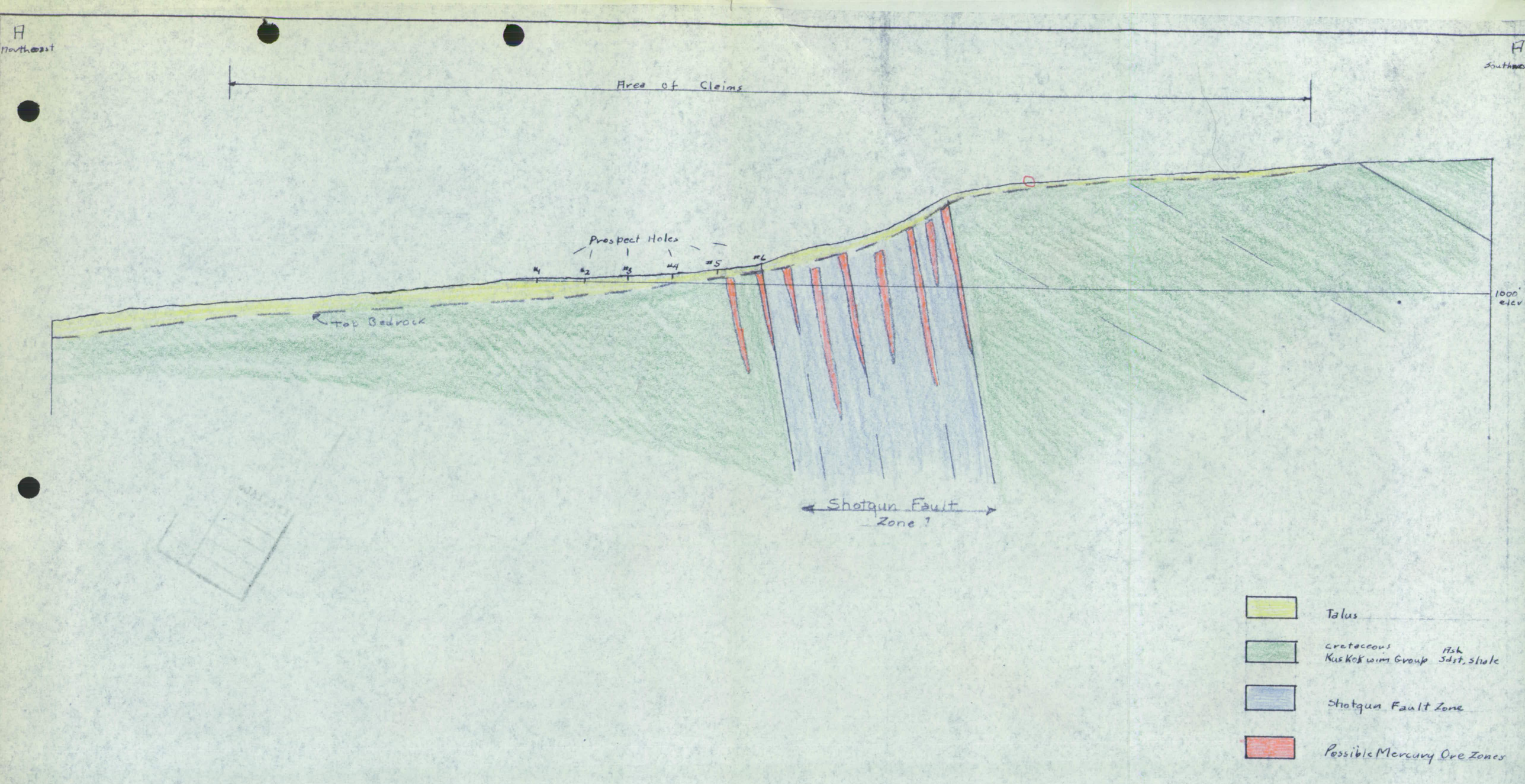
COPY
O. M. E.
RECEIVED
DEC 16 1968

INITIALS	CODE



Proposed Generalized Section A-A'

Shotgun Prospect

Kuskokwim, Bristol Bay Recording Dist, Alaska.

1" = 100'

J.R. Wylie

OFFICIAL
COPY
O. M. E.
RECEIVED
DEC 16 1968
INITIALS CODE