Changed to Three F Mining Co., Inc.

MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE

Contract No. 2238 Docket No. 6583

Application
- [ ] Denied
- [ ] Withdrawn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
- [x] Cost Audits June 1969 (Interim)
- [ ] 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
- [✓] 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
- [x] Final Field Team Report (Tab)
- [x] Operator's Final Report (Tab) 9/21/70
- [ ] Interim Field Team Reports
- [X] Operator's monthly reports and all attachments
- [X] On-site Exam. Report (Tab) 2-23-67
- [ ] 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

I[redacted]-7

Gove[redacted]ent's copy

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 20 1970
INITIALS | CODE
ga | 130
Cal | 20M
WE | 130C

UNITED STATES
DEPARTMENT OF THE INTERIOR

Office of Survey and Review

Audit Operations

Report of Review-Contract 2238
Docket No. OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Washington, D.C.
July 1970

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
OFFICE OF SURVEY AND REVIEW
Audit Operations, Region I
801 19th Street, N.W., Room 813
Washington, D.C. 20240

AUG 14 1970

Memorandum

To: Director, Geological Survey

From: Regional Director, Region I
Audit Operations, Office of Survey and Review

Subject: Review of Contract 2238
Docket No. OME-6583 (Platinum-Gold)
Wylie Associates
Bethel Recording District, Alaska

As requested by the Chief, Office of Minerals Exploration, we made a cost review of Contract 2238. The results of our review are shown in the attached report.

C. D. Baer

Attachment

We reviewed the contract files of the Office of Minerals Exploration (OME) pertaining to the minerals exploration Contract 2238 with Wylie Associates (Operator), and examined the related disbursement records in the Branch of Budget and Finance, Administrative Division, Geological Survey. The review was made during July 1970 at Washington, D.C.

The contract was awarded on March 30, 1967, for $72,800, the total estimated cost of the project with OME participation on a 50 percent basis or not to exceed $36,400. The contract provided for exploration by seismic refraction, surveying, and churn drilling for alluvial gold and platinum occurring in gravels and in the underlying bedrock where previous geophysical surveys have indicated favorable anomalous areas.

Repayment of the disbursed Federal funds plus interest at 6-3/4 percent was to be made on the basis of established royalties of all minerals and metals produced from the land during the exploratory operations and for a period of 12 years from the date of the contract should a certification of possible production be made by OME. Work under the contract was to begin on or before July 1, 1967, and be completed within 42 months from the date of the contract or by September 30, 1970.

Five vouchers have been submitted to OME totaling $29,281 and $14,641 reimbursed to the Operator for the OME participation on the 50 percent basis.

Amendment No. 2, June 18, 1969, suspended work under the contract for the period beginning November 1, 1968 and ending on or before July 1, 1970.

At the time of our review $200 is being withheld from the April 1970 voucher pending receipt of the operator's final report.

The units of work authorized and paid under Contract 2238 are summarized on Exhibit I. We believe that the claimed and accepted cost of $29,281, and the OME participation on a 50-percent basis or $14,641, were proper under the terms of the contract.

C. D. Bauer

Regional Director

EXHIBIT I

Summary of Contract Terms, Accepted Costs,
and Unexpected Balances
July 1, 1967, through April 30, 1970

	Authorized Amounts			Accepted	Unexpended
Category (2) Personal Services	Stage I	Stage II	Total	Costs	Balance
1 Supervisor-geologist-engineer	$ 1,500	$ 6,000	$ 7,500	$ 3,750	$ 3,750
1 Outside consultant	150	1,980	2,130	1,485	645
Category (3) Operating Materials and Supplies					
Casing a/	1,000	500	1,500		1,500
Sample sacks	10	50	60	20	40
Category (7) Miscellaneous					
Assays for gold	300	1,200	1,500		1,500
Assays for platinum	300	1,200	1,500		1,500
Transportation of samples	155	620	775		775
Travel expenses	232	1,320	1,552	440	1,112
Fixed Unit Costs b/					
Churn drilling	9,100	39,130	48,230	15,893	32,337
Seismic refraction survey c/		7,393	7,393	7,393	
Office expenses	180	480	660	300	360
Total Costs	$12,927	$59,873	$72,800	$29,281	$43,519
OME Participation - 50%	$ 6,463	$29,937	$36,400	$14,641	$21,759

a/ The Government will not contribute to the cost of casing left in a drill hole at the request of the Operator.

b/ Includes all costs whatsoever that would otherwise be allowable costs under categories (2) through (7).

c/ The unit of work is the completed job.

I-DC-OME-18-69

Docket copy

UNITED STATES
DEPARTMENT OF THE INTERIOR

Office of Survey and Review

Audit Operations

Report of Review-Contract 2238
Docket No. OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

OFFICIAL
COPY
O. M. E.
RECEIVED
JUL 16 1969
INITIALS CODE
90 (OME)
gla 120
gla 120
HK 120
EP 120

Washington, D.C.
June 1969

(a) If work has not been resumed on or before July 1, 1970, the contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated effective November 1, 1968.

(b) If work has been resumed on or before July 1, 1970, but is not completed on or before September 30, 1970, the contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated effective September 30, 1970.

(c) The Government will contribute only to allowable costs incurred prior to the dates set forth in 4(a) or 4(b) above, whichever is applicable.

(d) The Operator shall promptly perform all winding-up and settlement actions provided for in the contract, including the rendering of the final report and final account.

(e) The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer (for example, if the Operator eithers transfers or fails to retain his interest in the land), shall pay to the Government the royalty provided for in the contract in the same manner and amount, for the same period, and subject to the same provisions as provided for in the contract as amended herein as if certification of possible production had been made, such certification being hereby expressly waived by the Operator. In addition, all rights of the Government provided for in the contract with respect to a certification of possible production, royalties on production and liens to secure payment thereof, reports (including the preservation of Operator's records), accounts, audits, and the right to recover any overpayments are hereby preserved.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, the amount of any item designated as a maximum, nor the fixed unit cost of any item of work.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Harold Kirkemo
Chief, Office of Minerals Exploration
U. S. Geological Survey

Long
App'd. Sol. Off.
Kirkemo
Kilsgaard

WYLIE ASSOCIATES

By James R. Wylie

Title General Partner

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/9/69	Shikeno	120
		120
		120M

June 9, 1969

Memorandum

To: The File

From: E. C. Peterson, Mining Engineer
Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

The Operator informed OME in a letter dated May 14, 1969, that he is unable to obtain suitable drilling equipment to complete the exploration work (Stage II) during the 1969 summer season; however, equipment is expected to be available for the 1970 season. The Operator requested an extension of time to allow him to complete the work at that time.

The seismic survey run in 1968 appears to have traced the ancient Salmon River channel (south of the Goodnews Bay Mining Company claims) thought to have been encountered by the drilling completed during the 1967 season. It is in the Government's interest that additional drilling be performed as there is a good possibility that such work will result in a significant discovery of gold and platinum along the now located channel.

I concur with the Field Officer's recommendation to approve the Operator's request and extend the contract time an additional 18 months, or until September 30, 1970.

Edward C. Peterson

Edward C. Peterson

cc: Director's Reading File
Economic Geology File
OME file
OME Reading file
Mr. Peterson

ECPeterson/gla 6-9-69

Government's Copy

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

AMENDMENT NO. 1

It is agreed this 3rd day of May, 1968, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Wylie Associates, hereinafter called the "Operator," that Exploration Contract 2238 (OME-6583), dated March 30, 1967, is amended effective April 15, 1968, as follows:

1. The seven (7) unpatented claims outlined in green on Figure 1 entitled "Property map, Wylie Associates, Chagvan Prospect, Bethel Recording District, Alaska, amended," attached and made a part hereof, are added to the land referred to in Article 2 of the contract and described in Annex I. The claims are recorded in the Office of the Recorder, Bethel Recording District, Bethel, Alaska, as follows:

Claim	Book	Page No.
S-2 Above	5	131
T-1 Above	5	132
T-2 Above	5	133
U	5	134
U-1 Above	5	135
U-2	5	136
V-1 Above	5	137

The Operator is in possession of these claims by right of location.

2. In Exhibit A:

(a) The first paragraph is revised to read as follows:

"The purpose of this project is to explore by seismic refraction surveying and churn drilling for alluvial gold and platinum occurring in gravels and in the underlying bedrock where previous geophysical surveys have indicated favorable anomalous areas."

(b) Under the heading General Provisions, the following paragraph is added:

"The proposed geophysical traverses shall be accurately surveyed and posted on maps and the data obtained from the seismic work shall be furnished to the Government with geologic interpretation."

(c) Under the heading Description of the Work, Stage II, is revised to read as follows:

"The work shall consist of conducting a geophysical survey by the seismic refraction method along traverses totalling approximately 21,600 feet, and churn drilling not more than 4,300 feet. The number of holes, their locations, and depth shall be contingent upon the results obtained in Stage I, and the completed seismic survey. The approximate location of the proposed traverses are shown on Figure 1, amended, referred to previously.

"The survey line numbers, approximate bearing and length are as follows:"

Line No.	Bearing	Length in Feet
1	North	4,700
2	S85°E	2,800
3	S55°E	3,900

4	S45°E	3,300
5	East	2,200
6	East	4,700
	Total Length	21,600

(d) Under the heading Estimated Costs of the Project, Stage II, is revised to read as follows:

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer 8 months @ $750.00/month	$ 6,000.00	
1 Outside consultant 20 days @ $99.00/day	1,980.00	
		$ 7,980.00

Category (3) Operating Materials and Supplies

None except:

Casing, 100 feet @ $5.00/foot 1/	$ 500.00	
Sample sacks, 1,000 @ $0.05/sack	50.00	
		$ 550.00

Category (7) Miscellaneous

400 assays for gold @ $3.00/assay	$ 1,200.00
400 assays for platinum @ $3.00/assay	1,200.00

Transportation of samples 400 samples @ $1.55/each	$ 620.00	
Travel expenses, outside consultant Per diem, 20 days @ $16.00/day	320.00	
Anchorage, Alaska to Platinum, Alaska and return by air 5 Trips @ $200.00/trip	1,000.00	
		$ 4,340.00
Total Estimated Actual Costs, Stage II		$12,870.00

Fixed Unit Costs 2/

Seismic refraction survey, 21,600 feet 3/	$ 7,393.00	
Churn drilling, 4,300 feet @ $9.10/foot	39,130.00	
Office expenses 8 months @ $60.00/month	480.00	
Total Estimated Fixed Unit Costs, Stage II		$47,003.00
Total Estimated Costs, Stage II		$59,873.00

SUMMARY

Total Estimated Costs of Stage I	$12,927.00
Total Estimated Costs of Stage II	59,873.00
Total Estimated Costs of the Project	$72,800.00
Government Participation @ 50%	$36,400.00

1/ The Government will not contribute to the cost of casing left in a drill hole at the request of the Operator.

2/ Includes all costs whatsoever that would otherwise be allowable costs under Categories (2) through (7).

3/ The completed job is the unit of work.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, nor the amount of any item designated as maximum.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Thomas E. Johnson
Chief, Office of Minerals Exploration
U. S. Geological Survey

Bliss
Lang
Peterson
Kishemo
Johnson
Hays

WYLIE ASSOCIATES

By James R. Wylie

Title Partner

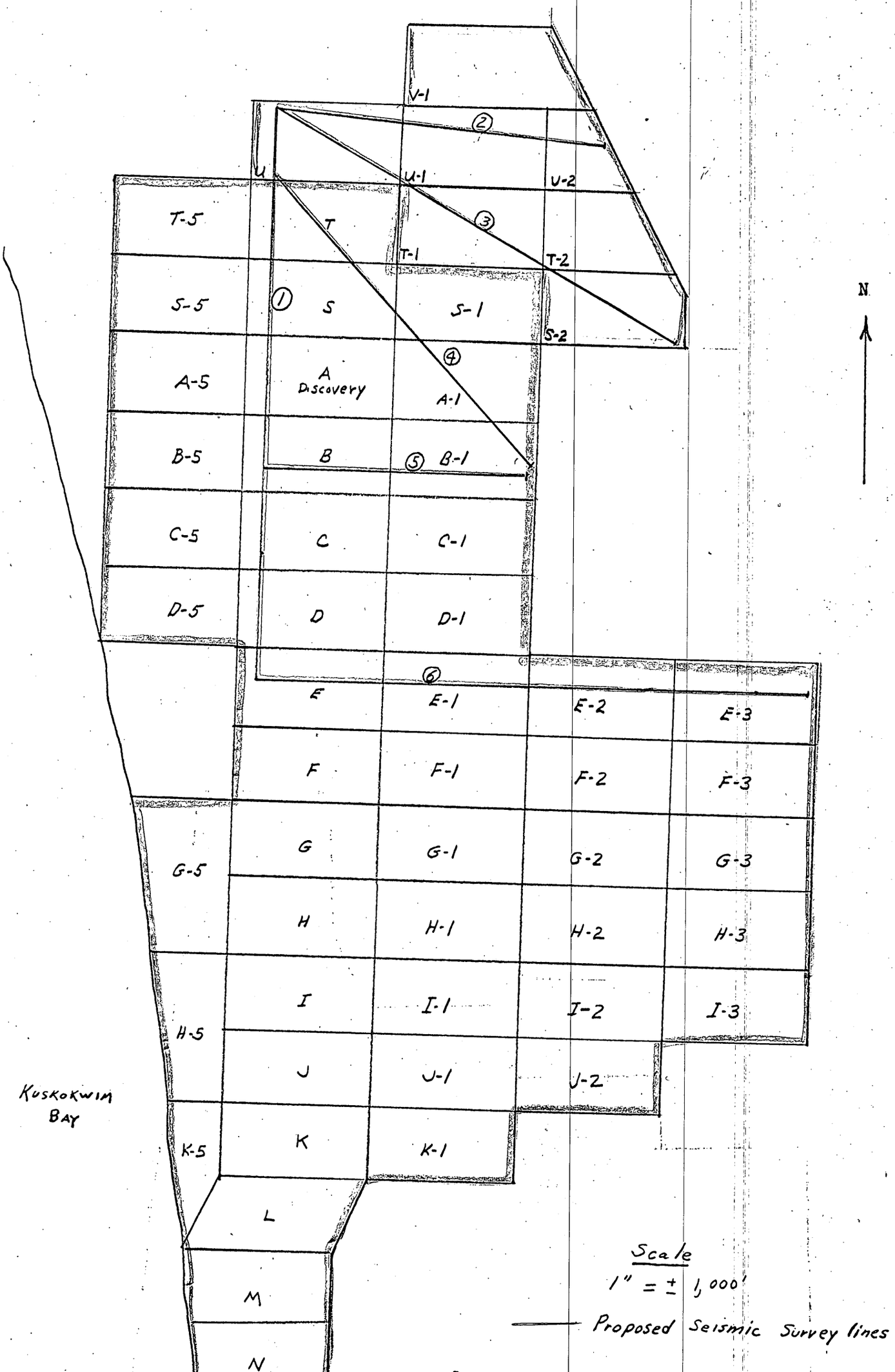


Figure 1. Property map, Wylie Associates, Chagvan Prospect, Bethel Recording District, Alaska, amended

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/24/68	Peterson	120
4/24/68	Kirkham	120
"	Johnson	110
		220
		120M

April 24, 1968

Memorandum

To: The File

From: Edward C. Peterson

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Justification for Amendment No. 1

The Operator has requested that an Amendment be prepared to allow for a geophysical survey by the seismic refraction method in Stage II of the project.

Indications are that the drilling completed under Stage I of the contract has located the apparent southerly extension of the main Salmon River beach channel. As a result, the most favorable area to explore further lies east of the line of completed holes.

The Operator believes the most desirable method to delineate the channel would be by the use of the seismic instrument followed by churn drilling. Considerable areas could be covered rapidly and much information gathered by the survey to guide the selection of additional drill sites.

Although this is a relatively new use for this type of light inexpensive geophysical equipment, indications are that a previous seismic refraction survey conducted in the Goodnews Bay area was quite successful.

Inasmuch as the Operator's proposal has merit and further exploration is warranted, it would be in the best interests of the Government to allow the proposed seismic work.

I concur with the Field Officer's recommendation to approve the request.

Edward C. Peterson

Edward C. Peterson

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
Mr. Peterson

ECPeterson/bsl 4/24/68

Government's Copy

MME Form 50
July 1965

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

EXPLORATION CONTRACT
(Long Form)

Docket No.	Commodity	Contract No.	County	State
OME -6583	Platinum-Gold	2238	Bethel Recording District,	Alaska

It is agreed MAR 30 1967 (Date), between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and

Wylie Associates, a California partnership

whose mailing address is c/o James R. Wylie, P.O. Box 208, Aptos, California 95003, hereinafter called the "Operator," as follows:

ARTICLE 1. Authority and scope.--(a) This contract entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before JUL 1 1967 (Date), and, subject to the provisions of Article 9 and Exhibit A, shall either have completed the work within 24 months from the date of the contract or shall have incurred allowable costs (see Article 6) in a sum not less than the total cost set forth in Exhibit A.

(b) The total allowable cost of the work set forth in Exhibit A is $72,800.00. The Government will contribute 50 percent of the allowable costs as they are incurred, in a total sum not in excess of $36,400.00 in accordance with the provisions of Articles 3, 4, 5, and 6. "Costs incurred" means costs that have been paid or have become due and payable, or that the Government determines have become obligations.

(c) Interest computation.--Simple interest at the rate of 6 - 3/4 percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's right in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

See Annex I

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the lien agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

See Annex I

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 7 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability **insurance** covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Independent contracts.--To the extent that the allowable costs are estimated in Exhibit A with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed (see Article 6(a), Category (1)). Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract, the Government will participate in payments to the independent contractor only as to work performed in accordance with the provisions of this exploration contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.-- The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) Monthly reports.--The Operator shall provide the Government with four copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government; however, the original of the Operator's Monthly Voucher shall be supported by documentary evidence, such as certified copies or transcripts of payrolls and invoices, for all costs claimed under Article 6 (a) (1).)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with three copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the related costs.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as two copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of the same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Costs.--(a) Allowable costs.--The allowable costs of the work to which the Government will contribute are limited to:

(1) the necessary, reasonable, and direct actual costs that are estimated in Exhibit A by categories as specified in this article; and

(2) fixed costs for units of work to be performed (per foot, per hour, etc.) agreed upon in lieu of actual costs and set forth in Exhibit A.

The Government will not contribute to costs under any category or subcategory omitted from the estimate of costs in Exhibit A. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost; any excess over a fixed unit cost; and any excess over the total allowable cost of the work are not allowable. The Operator shall incur such excesses for his own account without contribution by the Government, but the Operator is not obligated to incur more than his agreed percentage of the total allowable cost of the work.

Any category or subcategory or element thereof not designated as a maximum in this article, or in Exhibit A may be exceeded, provided that the total allowable cost of the work, which is a maximum, is not exceeded.

CATEGORY (1)--INDEPENDENT CONTRACTS.--(See Article 3(b)). The total of this category and the average unit cost estimated for each type of work to be performed under an independent contract are maximums.

CATEGORY (2)--PERSONAL SERVICES.

Subcategory (a)--Supervision and Technical Services--All elements of this subcategory (number of supervisors, technicians, outside consultants, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)--Labor.

CATEGORY (3)--OPERATING MATERIALS AND SUPPLIES.--Includes such items as drill bits and steel, explosives, fuel, pipe, power, timber, rail, and small tools costing less than $50 each.

CATEGORY (4)--OPERATING EQUIPMENT.

Subcategory (a)--Rental.--The number of each rented item [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)--Purchases.--The total of this subcategory is a maximum.

Subcategory (c)--Depreciation.--All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)--INITIAL REHABILITATION AND REPAIRS.--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

Subcategory (a)--Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).--The total of this subcategory is a maximum.

Subcategory (b)--Initial rehabilitation and repairs of operating equipment.--The total of this subcategory is a maximum.

CATEGORY (6)--NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

CATEGORY (7)--MISCELLANEOUS.--Includes requirements and costs that do not fall within any of the first six categories, such as repairs other than initial and maintenance of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, and communications.

(b) Nonallowable costs.--In addition to the limitations imposed by paragraph (a) of this Article 6 the Government will not contribute to the following costs:

(1) Costs of the land, such as rental, depreciation, depletion, or other costs of acquiring, owning, or holding possession;

(2) Indirect costs, such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) Previous work performed or costs incurred before the date of this contract; and

(4) Deferred payments.--Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods, unless the purchase agreement is approved by the Government in writing.

(c) Reductions in costs.--The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original total cost. The provision does not apply to receipts from production which are subject to the Government's royalty under the provisions of Article 7.

ARTICLE 7. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retains his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract, or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator or producer)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator or Producer are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 7(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator or producer shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator or producer.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 8. Interests in purchased property.--(a) Title and ownership.--All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions although title thereto shall be taken in the name of the Operator.

(b) Preservation of property.--Until the final disposal of any property in which the Government has an interest, the Operator shall preserve and protect same for the best interest of the Government, and any reasonable and necessary cost thereof will be treated as an allowable cost of the exploration. After the completion of the work, termination of the Government's obligation to contribute, or when such property is not being used for the work, the Operator shall not use it elsewhere without the written consent of the Government and without paying a reasonable rental to be fixed by the Government for its proportionate interest.

(c) Disposal of property.--Upon the completion of the work, termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, sale to others, purchase by the Operator, or sale or transfer to the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government, the Operator shall not sell at any price any item of property that cost more than $500, and shall not sell at less than 25 percent of the purchase price any item of property that cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or offers. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, explosives, pipe, or rail), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item, the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the exploration.

(d) Default of the Operator re disposal.--If within 90 days after the completion of the work, termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may:

(1) in writing extend the time within which the Operator must dispose of or liquidate the property;

(2) by written notice to the Operator, place upon such property what it determines to be a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; and

(3) enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 9. Termination of the Government's obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 9 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 13.

ARTICLE 10. Notices to be given by the Government may be delivered to the Operator, or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 11. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 12. Nondiscrimination in Employment. The provisions respecting nondiscrimination in employment which are required by section 301 of Executive Order 10925, dated March 6, 1961 as amended and supplemented are attached hereto as Exhibit B and are hereby incorporated in and made a part of this contract.

ARTICLE 13. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, U. S. Geological Survey, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, U. S. Geological Survey, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, U. S. Geological Survey, a written appeal addressed to the Secretary of the Interior. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, U. S. Geological Survey," as used herein includes his duly authorized representative.

ARTICLE 14. Work Hours Act of 1962 - Overtime Compensation.--This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87-581, 76 Stat. 357-360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35-45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

(a) Overtime requirements.--No Operator or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate of not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any such calendar day or in excess of forty hours in any such workweek, as the case may be.

(b) Violations; liability for unpaid wages; liquidated damages.--In the event of any violation of the clause set forth in subparagraph (a) of this paragraph, the Operator and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Operator and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for

liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph (a) of this paragraph, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (a) of this paragraph.

(c) Withholding for unpaid wages and liquidated damages.--The U. S. Geological Survey may withhold or cause to be withheld, from any moneys payable on account of work performed by the Operator or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Operator or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (b) of this paragraph.

ARTICLE 15. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 16. Changes and added provision.--

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

WYLIE ASSOCIATES
(Operator)

By James R. Wylie

Title General Partner

By Arthur A. Baker

Acting Director, U. S. Geological Survey

Long
Peterson
Kisberno
Johnson
Kielsgaard
Klepp

I, _____, certify that I am the
(Name)

_____ secretary of the corporation named as Operator herein; that

_____, who signed this contract on behalf of the Operator, was then
(Name)

_____ of said corporation; that said contract was duly signed for
(Title)

and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

[CORPORATE SEAL]

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of forty-eight (48) unpatented placer mining claims in unsurveyed secs. 26, 27, 34, 35, and 36, T. 15 S., R. 75 W., and secs. 2 and 3, T. 16 S., R. 75 W., Seward Meridian, Goodnews mining district, Bethel Recording District, Alaska.

The forty-eight claims are recorded in the Office of the Recorder, Bethel Recording District, Bethel, Alaska, as follows:

Claim	Book	Page No.
Discovery A	4	1
B Below	4	2
C Below	4	3
D Below	4	4
E Below	4	5
F Below	4	6
G Below	4	7
H Below	4	8
I Below	4	9
J Below	4	10
S Above	4	11
T Above	4	12
A-1 Above	4	13
B-1 Above	4	14
C-1 Above	4	15

Claim	Book	Page No.
D-1 Above	4	16
E-1 Above	4	17
F-1 Above	4	18
G-1 Above	4	19
H-1 Above	4	20
I-1 Above	4	21
J-1 Above	4	22
S-1 Above	4	23
A-5 Below	4	24
B-5 Below	4	25
C-5 Below	4	26
D-5 Below	4	27
S-5 Below	4	28
T-5 Below	4	29
K Below	5	73
L Below	5	74
M Below	5	75
N Below	5	76
H-5 Below	5	77
K-5 Below	5	78
E-2	5	104
F-2	5	105

Claim	Book	Page No.
G-2	5	106
H-2	5	107
I-2	5	108
J-2	5	109
E-3	5	110
F-3	5	111
G-3	5	112
H-3	5	113
I-3	5	114
K-1	5	115
G-5 Below	5	116

The Operator is in possession of these claims by right of location.

The outer boundary of the claim group is shown in blue on Figure 1, entitled "Property map showing location of proposed drill holes, Stage I, Chagvan Prospect, Bethel Recording District, Alaska," attached and made part hereof.

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

EXHIBIT A

The purpose of this project is to explore by churn drilling for alluvial gold and platinum occurring in gravels and in the underlying bedrock in areas where geophysical surveys have indicated favorable anomalies.

General Provisions

All drill holes shall be cased as necessary to insure proper and accurate sampling.

Holes shall be drilled on not less than 200-foot centers nor less than 100 feet from the outer boundaries of the claim group.

Significantly mineralized material recovered from the drill holes shall be sampled, but no such sample shall represent more than 5 feet of hole. Each sample shall be split and one split assayed for gold and platinum. All remaining splits shall be stored in suitable containers properly identified as to source and location. Stored splits of samples may be disposed of with prior Government approval.

The results of sampling and assaying together with maps or sketches showing the locations and extent of work completed shall be submitted with the Operator's monthly report.

The Operator shall provide such supervision, labor, and technical services as may be required to complete the work in a satisfactory manner.

The location, direction, and extent of each work item shall be subject to prior approval by the Government. The work shall be divided into two stages. The Operator shall complete all of the work in Stage I. Approval of Stage II shall depend upon favorable results having been obtained in Stage I and shall have the prior authorization of the Government confirmed in writing.

Description of the Work

Stage I

The work shall consist of churn drilling not more than 14 holes totalling not more than 1,000 feet.

The approximate location of each hole is shown in red on Figure 1, referred to previously.

Stage II

The work under this stage shall consist of churn drilling not more than 5,000 feet. The number of holes, their locations, and depths shall be contingent upon favorable results having been obtained in Stage I.

Estimated Costs of the Project

Stage I

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer 2 months @ $750.00/month	$ 1,500.00	
1 Outside consultant 2 days @ $75.00/day	150.00	
		$ 1,650.00

Category (3) Operating Materials and Supplies

None except:

Casing, 200 feet @ $5.00/foot 1/	$ 1,000.00	
Sample sacks, 200 @ $0.05/sack	10.00	
		$ 1,010.00

Category (7) Miscellaneous

None except:

100 assays for gold @ $3.00/assay	$ 300.00	
100 assays for platinum @ $3.00/assay	300.00	
Transportation of samples 100 samples @ $1.55/each	155.00	
Travel expenses, outside consultant Per diem, 2 days @ $16.00/day	32.00	
Anchorage, Alaska to Platinum, Alaska and return by air	200.00	
		$ 987.00
Total Estimated Actual Costs, Stage I		$ 3,647.00

Fixed Unit Costs 2/

Churn drilling 1,000 feet @ $9.10/foot	$ 9,100.00	
Office expenses 3 months @ $60.00/month	180.00	
Total Estimated Fixed Unit Costs, Stage I		$ 9,280.00
Total Estimated Costs, Stage I		$12,927.00

Stage II

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer 8 months @ $750.00/month	$ 6,000.00	
1 Outside consultant 16 days @ $75.00/day	1,200.00	
		$ 7,200.00

Category (3) Operating Materials and Supplies		
None except:		
Casing, 200 feet @ $5.00/foot 1/	$ 1,000.00	
Sample sacks, 1,240 @ $0.05/sack	62.00	
		$ 1,062.00
Category (7) Miscellaneous		
None except:		
500 assays for gold @ $3.00/assay	$ 1,500.00	
500 assays for platinum @ $3.00/assay	1,500.00	
Transportation of samples 500 samples @ $1.55/each	775.00	
Travel expenses, outside consultant Per diem, 16 days @ $16.00/day	256.00	
Anchorage, Alaska to Platinum, Alaska and return by air 8 trips @ $200.00/trip	1,600.00	
		$ 5,628.00
Total Estimated Actual Costs, Stage II		$13,893.00
Fixed Unit Costs 2/		
Churn drilling 5,000 feet @ $9.10/foot	$45,500.00	
Office expenses 8 months @ $60.00/month	480.00	
Total Estimated Fixed Unit Costs, Stage II		$45,980.00
Total Estimated Costs, Stage II		$59,873.00

S U M M A R Y

Total Estimated Costs of Stage I	$12,927.00
Total Estimated Costs of Stage II	59,873.00
Total Estimated Cost of the Project	$72,800.00
Government Participation @ 50%	$36,400.00

1/ The Government will not contribute to the cost of casing left in a drill hole at the request of the Operator.

2/ Includes all costs whatsoever that would otherwise be allowable costs under Categories (2) through (7).

EXHIBIT B

NONDISCRIMINATION IN EMPLOYMENT

(Section 202, Executive Order 11246, September 24, 1965)

"During the performance of this contract, the contractor agrees as follows:

'(1) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

'(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

'(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

'(4) The contractor will comply with all provisions of Executive Order No. 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

'(5) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contractingagency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

'(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

'(7) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.'"

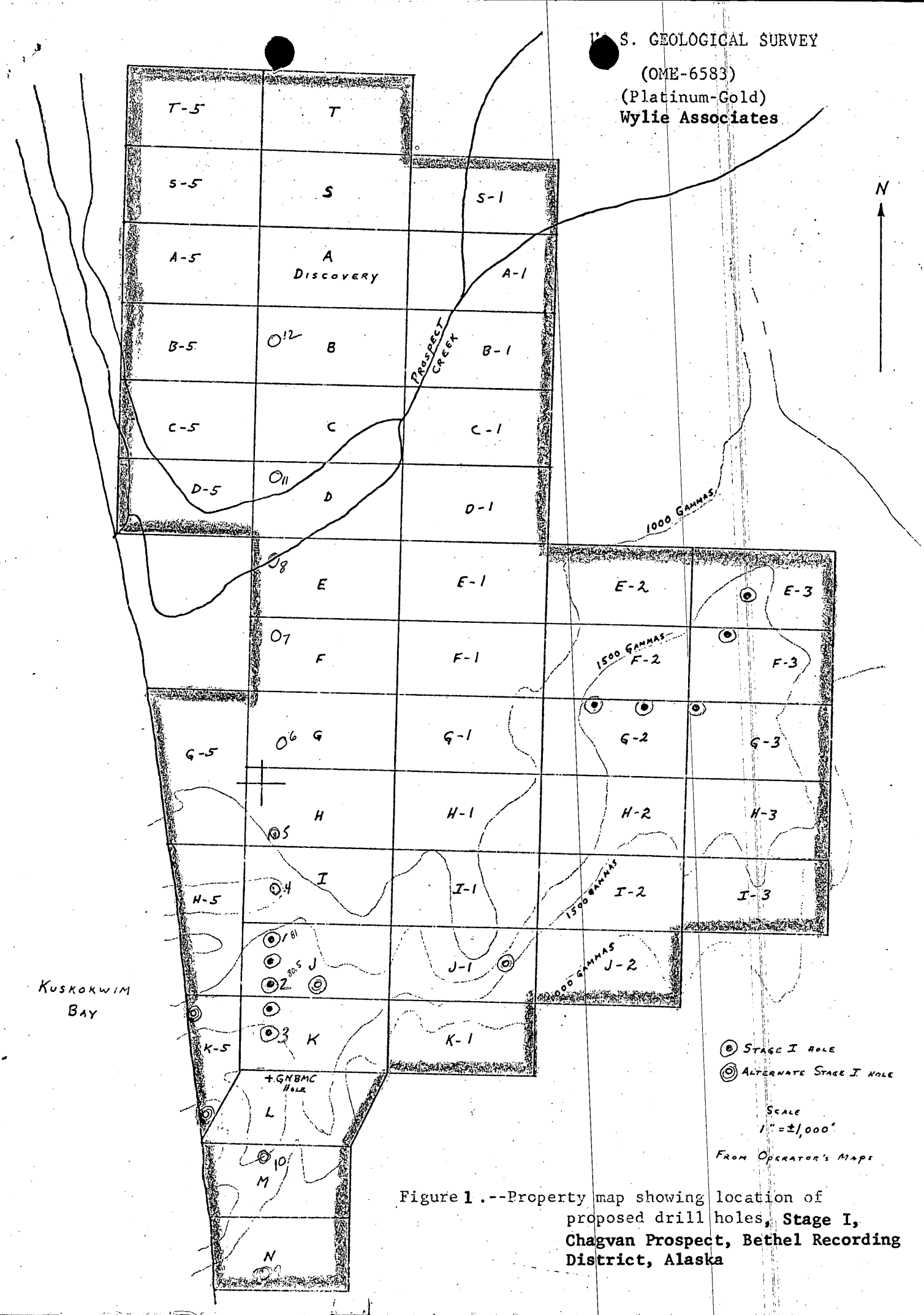


Figure 1.--Property map showing location of proposed drill holes, **Stage I, Chagvan Prospect, Bethel Recording District, Alaska**

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum

November 21, 1966

OFFICIAL COPY
NOV 23 1966

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

From: Field Officer
Region II

Subject: New Application
(Platinum, Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Enclosed is an Application for Financial Assistance submitted to this office by Mr. James R. Wylie, P.O. Box 208, Aptos, California 95003. Mr. Wylie visited this office on November 18, 1966, and we discussed the project in detail.

The property adjoins that of the Goodnews Bay Mining Company, an operating dredge-placer operation and the major platinum producer in Alaska. Mr. Joseph M. Hoare, of the USGS Alaskan Branch here in Menlo Park, is familiar with the area and I have discussed the proposed project with him. If you wish a field examination, and I am not sure this would yield much additional information as most of the area is swamp or muskeg, it will not be possible before about May 1967. Mr. Wylie lives in Aptos, California (about 50 miles from Menlo Park), and will be readily available to supply any additional information we may require this winter.

H. K. Stager

H. K. Stager

Enclosure

MME Form 40
Jan. 65

Budget Bureau No. 42-R1308
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.)*

WYLIE ASSOCIATES, a limited partnership

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

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER 6583

DATE RECEIVED Nov. 28, 1966

REGION II

DIVISION CODE

BUSINESS ORGANIZATION *(Check one)*

INDIVIDUAL
CORPORATION
PARTNERSHIP XX
OTHER *(Specify)*

STATE IN WHICH FIRM IS ORGANIZED CALIFORNIA

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
James R. Wylie General Partner	P. O. Box 208, Aptos, California	General Partner
Joseph H. Shelton	825 L Street, Anchorage, Alaska	Limited Partner
Donald C. Webster	3664 Beverly Ridge Dr Sherman Oaks, Calif.	Limited Partner
John N. Gladden	517 Sinclair Ave, Glendale, California	Limited Partner

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE
PLATINUM, GOLD

ESTIMATED COST OF PROJECT
$48400.

PROPERTY NAME: CHAGVAN PROSPECT

LOCATION — COUNTY: BETHEL RECORDING DIST — STATE: 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 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.

November 20, 1966
DATED

James R. Wylie
BY *(Signature)*

GENERAL PARTNER
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, whethe ow er, 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 b 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 openin[illegible] *or 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 propose 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

WYLIE ASSOCIATES
P. O. BOX 208,
APTOS, CALIFORNIA 95003
Phone: 408-688-4623
November 19, 1966

NOV 28 1966
INTR. SYS. CODE

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

Dear Mr. Stager:

Attached is an application in duplicate for Financial Assistance in our proposed Chagvan Prospect Drill Program. Included are two copys of our recent magnetometer survey, cost estimates for the drill program, economic estimates, a list of claims, and copys of correspondence with two local banks.

Our firm is a Limited Partnership organized in California with no other ties or interests. We propose to raise our share of the monies from our Limited Partners.

I staked all of the 48 claims. They have all been recorded in the Bethel Recording District, Alaska Court System, Bethel, Alaska. This area is unsurveyed, however, the claims would include parts of sections 26, 27, 34, 35 and 36-15S/75W; and 2, 3-16S/75W SM as protracted by the Cadastral Engineer.

During the summer and fall of 1966, we ran a ground magnetometer survey which followed a field geology survey of the area. During the summer of 1965, we attempted to drill shallow prospect holes with a 3" suction dredge but were unable to go below 15'. The Goodnews Bay Mining Company, in 1961, drilled a prospect hole as located on theattached map to a reported bedrock of 58'± with no reported results. The claims are otherwise barren and unworked. To the north from one to ten miles, the Goodnews Bay Mining Company has carried on an extensive successful dredging program described by J. B. Mertie, Jr. in Bull. 918 and "The Platinum Deposits of Goodnews Bay Alaska" by Winston W. Spencer, for his thesis at the University of Alaska. Wylie Associates owns the magnetometer survey.

We propose to evaluate the magnetometer anomally by a series of core holes located as indicated on the attached map. If the first season's work is successful, we propose to proceed wtih a full scale evaluation drill program, a portion of which would be proposed second's season's work. If the results of the drill program is encouraging, the prospect would probably best be developed and exploited by use of a bucket line dredge.

It should be noted that if this drill program is successful, it would materially effect adjacent properties - the offshore and the channel area to the north. The potential return from the risk involved could then considerably exceed the included figures.

The prospect is accessable by water and air. Northern Consolidated Airlines flies schedules 4 times each week from Bethel into Platinum Airfield which has lights and an instrument beacon. A connecting gravel road, maintained and owned by Goodnews Bay Mining Company extends from Platinum to the Goodnews Camp a distance of 13 miles, and then continues an additional 6 miles to the beach at the mouth of Salmon River. Travel down the beach can be accomplished in a beach buggy.

Ships from Seattle service Platinum 2 or 3 times each summer and all goods must be lightered to shore.

It is estimated that 30 days will be required to drill the initial 10 holes 100' deep. In addition, 120 days, prior to the drilling operation should be available to locate a suitable drill and equiptment and personel in Anchorage or Fairbanks and have the equiptment shipped or flown to the location. The optimum period to start the drilling would be July 1, when the ground should be unfrozen. Execution of a contract at an early date would greatly facilitate the efficiency and economy of the project.

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

If you desire additional data or if I can answer additional questions do not hesitate to contact me.

Very truly yours,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc
Attachments

RECEIVED

NOV 21 1966

OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

James R. Wylie

WYLIE ASSOCIATES
P. O. BOX 208,
Aptos, California
95003
November 18, 1966

Mr. Lionel R. Lenox
Vice President
County Bank of Santa Cruz
1237 Soquel Avenue,
Santa Cruz, California

Dear Mr. Lenox:

This is an application for a loan from County Bank to assist Wylie Associates in their efforts to develop the Goodnews Bay Chagvan Placer Prospect located in the Bethel Recording District Alaska.

Attached for your information is a copy of our recent magnetometer survey, a location plat of the 48 claims we now hold, a cost estimate and economic estimates.

We are hereby requesting a 50% loan of $10,000. in order to carry on the proposed drilling program this summer. Our firm will raise the additional required $10,000. This request is for a 6½%, 10 year loan repayable from production which we hope to develop.

Thank you for your consideration.

Very truly yours,

James R. Wylie
WYLIE ASSOCIATES

JRW/nc
Attachment

EAST SANTA CRUZ OFFICE

County Bank of Santa Cruz

ESTABLISHED 1870

SANTA CRUZ, CALIFORNIA

L. R. LENOX, II
ASSISTANT VICE PRESIDENT
MANAGER

November 18, 1966

Wylie Associates
P.O. Box 208
Aptos, California 95003

Attention: Mr. James R. Wylie

Gentlemen:

Thank you for your letter applying for a loan of $10,000.00 at 6½% for 10 years and repayable from production to be developed.

As this type of loan is contrary to our Bank's lending policy, we regretfully have to reject your application.

We deeply appreciate the fine customer relationship with you and wish every possible success for your venture.

Sincerely,

L. R. Lenox, II

L. R. Lenox, II
Assistant Vice President

LRL/bds

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

WYLIE ASSOCIATES
November 18, 1966

Mr. B. P. Pino
Vic President & Manager
Bank of America
1134 Pacific Avenue,
Santa Cruz, California

Dear Mr. Pino:

This is an application for a loan from Bank of America to assist Wylie Associates to develop their Chagvan Placer Prospect located in the Goodnews District, Bethel Recording Distrct, Alaska.

Attached for your information is a copy of our recent magnetometer survey, a location plat of the 48 claims we now hold, a cost estimate and economic estimates.

We are hereby requesting a 50% loan of $10,000. in order to carry on our proposed drilling program this summer. Our firm will raise the additional required $10,000. This request is for a 6½%, 10 year loan repayable from production which we hope to develop.

Thank you for your consideration.

Very truly yours,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc
Attachment

Cable Address — BANKAMERICA

Bank of America
NATIONAL TRUST AND SAVINGS ASSOCIATION

SANTA CRUZ BRANCH • 1134 PACIFIC AVENUE
SANTA CRUZ, CALIFORNIA 95060

November 18, 1966

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

Dear Mr. Wylie:

We have considered your application for a loan of $10,000 in connection with your mining operation.

I am sorry to say that we would have to reject it due to the fact you are not a client of this bank and also the fact that the operation is not located in this area.

N.G.

I am very sorry that we have been unable to help you.

Very truly yours,

D. M. Bailey
Assistant Manager

DMB:er

XERO COPY
XERO COPY
XERO COPY
XERO COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

October 27, 1970

Memorandum

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

OFFICIAL COPY
O. M. E.
RECEIVED
NOV 2 1970
INITIALS CODE
130
120
120

Enclosed is a summary-type Final Field Report on the subject project.

H. K. Stager

Enclosure

FINAL FIELD REPORT - OME EXPLORATION PROJECT

By R. M. Smith, Geologist, Region II

October 27, 1970

1. OME-6583 (Platinum-Gold)
   Wylie Associates
   Chagvan Prospect
   Bethel Recording District, Alaska
   Contract 2238

   Operator: James R. Wylie
   Wylie Associates
   P.O. Box 208
   Aptos, California 95003

   Property: The land explored consists of 48 unpatented placer mining claims in unsurveyed secs. 26, 27, 34, 35, and 36, T. 15 S., R. 75 W., and secs. 2 and 3, T. 16 S., R. 75 W., Seward Meridian, Goodnews Mining District, Alaska, recorded in the Office of the Recorder, Bethel Recording District, Bethel, Alaska 99559.

   Ownership: By right of location.

2. Purpose of Project: To explore by churn drilling for alluvial gold and platinum in gravels and in the underlying bedrock in areas where geophysical surveys have indicated favorable anomalies.

3. Contract: Date: March 30, 1967
   Original term: 24 months
   Amount: $72,800
   Government participation (50%) - $36,400

   Amendments

   No. 1 - May 3, 1968
   Added seven unpatented claims - total 55 claims.
   Allowed seismic refraction surveys.
   Reduced churn drilling footage.

   No. 2 - June 18, 1969
   Authorized suspension of work November 1, 1968 to July 1, 1970.
   Extended term to 42 months, or until September 30, 1970.
   Extended royalty period to 12 years, or until June 18, 1981.
   Provided for automatic termination and certification if either suspension or completion period is exceeded.

Field Final Report

4. Project Work: Started July 11, 1967. Completed April 30, 1970.

	Authorized Amounts			Accepted	Completed
Category (2) Personal Services	Stage I	Stage II	Total	Costs	Units
1 Supervisor-geologist-engineer	$ 1,500	$ 6,000	$ 7,500	$ 3,750	5 months
1 Outside consultant	150	1,980	2,130	1,485	20 days
Category (3) Operating Materials and Supplies					
Casing	1,000	500	1,500		---
Sample sacks	10	50	60	20	400 sacks
Category (7) Miscellaneous					
Assays for gold	300	1,200	1,500		by panning
Assays for platinum	300	1,200	1,500		" "
Transportation of samples	155	620	775		---
Travel expenses	232	1,320	1,552	440	15 days
Fixed Unit Costs					
Churn drilling	9,100	39,130	48,230	15,893	1,746½ ft. (15 holes)
Seismic refraction survey		7,393	7,393	7,393	21,600 lin. ft.
Office expenses	180	480	660	300	5 months
Total Costs	$12,927	$59,873	$72,800	$29,281	
OME Participation - 50%	$ 6,463	$29,937	$36,400	$14,641	
Government's Share Unexpended				$21,759	

The Government retains no equity in any of the equipment or materials used.

Effectiveness of the Work - The area was adequately explored.

Efficiency of Operation - The work was accomplished efficiently by men and equipment on loan from the Goodnews Bay Mining Company.

5. Reports:

Operator's Final Report dated September 21, 1970, accepted, but error noted in footage drilled.

Cost Review dated July 1970 contains final costs of completed work.

Royalty Review - None

6. Project Results:

Discoveries - None.

Drilling results indicate that any placer deposits in the unexplored part of the property would be too small to warrant an independent mining operation. Further exploration is not warranted.

Stage I - During 1967, 15 holes from 57½ to 170 feet deep were drilled in a north-south profile 8,400 feet long along the coast. A total of 1,428½ feet was drilled. Three holes outlined a stream channel but the placer (older) gravels have been removed by glaciation.

Stage II - During 1968 a seismic-refraction survey of five profiles totaling 21,600 linear feet was made to trace the channel toward a known unglaciated bench channel 1½ miles to the east. The survey indicated a topographic low in the bedrock interpreted to be an alluvial channel.

During 1970 two holes (70-1 and 70-2) were drilled. Neither hole confirmed the seismic survey. Hole 70-2 may be near the edge of a small channel, judging from traces of gold in 3 feet of clay overlying unglaciated bedrock and traces of platinum in the upper 8 feet of bedrock.

The Operator concluded that seismic refraction is not an adequate tool to outline topographic channels in the bedrock in this locality, and that drilling is the only reliable method.

Certification - Not recommended. OME closing letter dated October 22, 1970, notified Operator that the Government retains no claim or lien against the property.

Production - None

Royalties - None

7. <u>Geologic Summary</u>: The Chagvan Prospect is along Kuskokwim Bay 1½ miles west of the Salmon River platinum placer deposits being mined by the Goodnews Bay Mining Company, and which are the largest domestic source of platinum. Production has averaged about 35,000 troy ounces of platinum metals per year since 1938 when dredging was started. A gravel deposit averaging about 0.07 ounce ($6.75) of platinum and gold per cubic yard, about 10 feet thick and 300 to 1,000 feet wide, overlain by 25 to 70 feet of later clay and gravel overburden, has been mined for a length of about 6 miles. The deposit lies on bedrock which is a large ultramafic body, mostly pyroxenite, that is the source of the platinum.

There has been no production from the Chagvan Prospect. The OME project confirms an earlier magnetic survey which indicates ultramafic bedrock in the Chagvan area, but also indicates that part of the area has been glaciated and the placer deposits, if any, removed. In the remaining part of the area placers have not been found.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/21/70	Emerick	120
		120
		220

OCT 22 1970

Wylie Associates
P. O. Box 208
Aptos, California 95003

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Gentlemen:

Reference is made to your completed exploration contract with the Government.

We sincerely regret that the work performed did not result in a certification of possible production under the provisions of the contract. In the absence of such certification, the Government retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

We appreciate your interest and participation in the OME exploration program.

Sincerely yours,

Harold Kirkemo (gja)

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Branch of Budget & Finance
OME Region II
Mr. Emerick
130

BSLong/1 10/21/70

Standard Form No. 1047
7 GAO 5000
1047-104

PUBLIC VOUCHER FOR REFUNDS

Vo. 12901

U. S. Interior, Geological Survey
(Department or Establishment, Bureau or Office)

Location: Washington, D. C. 20242

Appropriation or Fund: 14X6875 (08)

PAID BY

To
Address
Wylie Associates
P.O. Box 208
Aptos, California 95003

Amount withheld
~~Received~~ from the above-named ~~depository~~ on May 18, 19 70

for pending submission of final report in connection with contract 2238

has been applied as herein stated and the balance indicated is returned herewith:

Amount of deposit Sch. # 06796 - April.Vo. $ 200.00

Applied as explained in "Remarks" below

Balance authorized to be refunded $ 200.00

Remarks:
Acceptable final report have been submitted per memo from Chief, Office of Minerals Exploration, 10/5/70.

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 15 1970
INITIALS CODE
Jr 130
Bal 120
HK 120
120

(Sign original only)

Title

Refund by
Check No.
Cash, $ on (Signature of payee)
(Sign original only)
Other method, $,
(Describe)

* U.S. GOVERNMENT PRINTING OFFICE : 1960 O—572727

Form 7
(63)

OFFICIAL FILE COPY

Date	Surname	Code
10/5/70		120
		220
		120M

OCT 5 1970

Memorandum

To: Chief, Branch of Budget and Finance

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

As the Operator under the subject contract has submitted an acceptable final report, the $200.00 withheld from the April 1970 voucher may now be paid to the Operator.

Harold Kirkemo (bsl)

Harold Kirkemo

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region II
Mr. Emerick

HKirkemo/bsl 10/5/70

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
10/5/70		120
		220
		120M

OCT 5 1970

AIRMAIL

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

The Operator's Final Report on the subject contract shows several figures which appear to be in error according to our records.

In paragraph 1, line 4, the Operator states that "17 holes totalling 2064' 6" " were drilled. Our records of 4 vouchers indicate that 17 holes totalling 1746' 8" were drilled.

In paragraph 3, line 3, the Operator states that "1746' 6" were drilled (during 1967)" whereas our records show 15 holes totalling 1426' 6" were drilled.

If you agree that our records are correct, the Operator's Final Report should be revised. The difference is apparently an oversight, and does not affect our acceptance of the report. We would correct our copies --- no need to return the report to the Operator.

Harold Kirkemo (bsl)
Harold Kirkemo

10/22/70
Stoger in agreement per conversation by phone this date.
WE.

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
Mr. Kirkemo
Mr. Emerick
130

HKirkemo/bsl 10/5/70

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

September 29, 1970

OFFICIAL COPY
O. M. E.
RECEIVED
OCT 2 1970

INITIALS	CODE
Cal	120M
HK	~~120~~
	120

Memorandum

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the original and three copies of the Operator's Final Report for the subject contract, dated September 21, 1970, and received in the Field Office on September 28, 1970. I recommend that the report be accepted. A Certificate of Possible Production is not justified inasmuch as no significant platinum- or gold-bearing gravel was found by the OME work. The $200.00 withheld from the April 1970 voucher, pending receipt of the Operator's Final Report, can now be paid.

H. K. Stager

Enclosures

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

September 21, 1970

Mr. H. K. Stager
Field Officer, OME
United States Geological Survey
345 Middlefield Drive,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District,
Alaska
Contract 2238
Final Report

Dear Mr. Stager:

The following is a summary of the work performed under OME Contract 2238 dated March 30, 1967 amounting to $72,800. Of this amount, $29,281.15 was expended which accomplished the drilling of 17 holes totalling 2064'6" drilled and 21600' of refraction seismic profile. It should be noted that the Government's share of the cost amounted to approximately 35% of the actual costs of doing the work. Final work in the project was completed in April 1970.

correct to read 1,746'8"

Operator's Final Report

The initial drilling was designed to evaluate a ground magnetic anomally in the North Chagvan Area. This feature appeared to represent an extension of the Lower Salmon River Bench Channel however early drilling soon established that the feature resulted from bedrock variation rather than from heavy mineral concentration in the channel.

During 1967, fifteen holes were drilled in a north-south profile along the coast approximately 8400' long. A total of 1746'6" were drilled of which the deepest hole was 170' and the shallowest was 57'6". In each hole bedrock was penetrated and the gravels or sediments sampled and panned for platinum, gold and other heavy minerals. A channel feature was located in holes #12, 13 and 14 but the older gravels were removed by glaciation.

correct to read 1,429'8"

A refraction seismic survey was run in 1968 in an attempt to trace the channel feature in an easterly direction toward the established bench channel approximately 1½ mile eastward. Five profiles totalling 21600' in length were run, which appeared to establish a connecting channel feature.

Two holes were drilled in 1970 to evaluate the channel feature as disclosed by the seismic. Totalling 317', these holes established an unglaciated interval above bedrock but were not in the pay streak, although #70-2 appears to be sufficiently deep to locate the edge of the channel.

It is thought that the entire prospect has been overridden by one or more glaciers which gouged to bedrock in the westerly portion of the claims. To the east, channel features were sufficiently protected so that the glaciers overrode and left the lower oxidized gravels undisturbed. The glaciation, Illinoian ? in age, as described by Mertie in Professional Paper #630, probably came from the Kinegnak area moving westward and northwest across the prospect.

The Bench channel as dredged by the Goodnews Bay Mining Company, trends southerly along the east side of the present Salmon River Channel. It is much deeper that the newer channel and falls at a rate of approximately 50' per mile. To the north of the Chagvan Prospect, this channel feature has been traced by drill holes as far as the twin lakes area below Happy Creek. At this point the channel vears sharply southeasterly. It now appears that another small channel bifurcates from this main bench channel in the vicinity of the Chagvan Prospect.

A strong bedrock ridge trending north-south from Thorsen Mountain to Chagvan Spit is apparent from the drill data. This feature has been cut at the mouth of the present Salmon River, just north of the Lagoon and at the mouth of Chagvan Bay. It does not appear to be interrupted elsewhere but rather seems to form a very distinct feature behind which the bench channel located and subsequently protected from glaciation.

Below the Lagoon the seismic and drill data appear to have delineated an easterly trending ridge which may have been formed by resistant dike material as suggested by the magnetics. This ridge feature (bedrock) appears to have in part controlled the Lagoon channel feature.

Magnetics are now thought to be valueless in tracing channel features in this area because of the great variation of magnetic content in the bedrock which masks any heavy mineral concentration which may exist. The refration seismic, which appeared to define bedrock when drill data was available does not appear to be sufficiently accurate to definitely locate channel features and may be influenced by the difficult conditions involved. This tool does appear to have potential however in guiding the drill.

Drill holes, the only reliable depth tool used, is excellent to determine the formations penetrated, mineralization and depth to bedrock. Unfortunately, this method is both slow and costly. Average cost of the drilling was $25.00 per foot which included all related costs such as transportation, labor, room and board.

A platinum paystreak was not encountered from this work. Hole #70-2 appears to be on the edge of a channel feature which may trend north-south.

Sincerely,

James R. Wylie

JRW/nc

James R. Wylie

RECEIVED

SEP 28 1970

OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

September 21, 1970

Mr. H. K. Stager
Field Officer, OME
United States Geological Survey
345 Middlefield Drive,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District,
Alaska
Contract 2238
Final Report

Dear Mr. Stager:

The following is a summary of the work performed under OME Contract 2238 dated March 30, 1967 amounting to $72,800. Of this amount, $29,281.15 was expended which accomplished the drilling of 17 holes totalling 2064'6" drilled and 21600' of refraction seismic profile. It should be noted that the Government's share of the cost amounted to approximately 35% of the actual costs of doing the work. Final work in the project was completed in April 1970.

The initial drilling was designed to evaluate a ground magnetic anomally in the North Chagvan Area. This feature appeared to represent an extension of the Lower Salmon River Bench Channel however early drilling soon established that the feature resulted from bedrock variation rather than from heavy mineral concentration in the channel.

During 1967, fifteen holes were drilled in a north-south profile along the coast approximately 8400' long. A total of 1746'6" were drilled of which the deepest hole was 170' and the shallowest was 57'6". In each hole bedrock was penetrated and the gravels or sediments sampled and panned for platinum, gold and other heavy minerals. A channel feature was located in holes #12, 13 and 14 but the older gravels were removed by glaciation.

A refraction seismic survey was run in 1968 in an attempt to trace the channel feature in an easterly direction toward the established bench channel approximately 1½ mile eastward. Five profiles totalling 21600' in length were run, which appeared to establish a connecting channel feature.

Two holes were drilled in 1970 to evaluate the channel feature as disclosed by the seismic. Totalling 317', these holes established an unglaciated interval above bedrock but were not in the pay streak, although #70-2 appears to be sufficiently deep to locate the edge of the channel.

It is thought that the entire prospect has been overridden by one or more glaciers which gouged to bedrock in the westerly portion of the claims. To the east, channel features were sufficiently protected so that the glaciers overrode and left the lower oxidized gravels undisturbed. The glaciation, Illinoian ? in age, as described by Mertie in Professional Paper #630, probably came from the Kinegnak area moving westward and northwest across the prospect.

The Bench channel as dredged by the Goodnews Bay Mining Company, trends southerly along the east side of the present Salmon River Channel. It is much deeper that the newer channel and falls at a rate of approximately 50' per mile. To the north of the Chagvan Prospect, this channel feature has been traced by drill holes as far as the twin lakes area below Happy Creek. At this point the channel vears sharply southeasterly. It now appears that another small channel bifurcates from this main bench channel in the vicinity of the Chagvan Prospect.

A strong bedrock ridge trending north-south from Thorsen Mountain to Chagvan Spit is apparent from the drill data. This feature has been cut at the mouth of the present Salmon River, just north of the Lagoon and at the mouth of Chagvan Bay. It does not appear to be interrupted elsewhere but rather seems to form a very distinct feature behind which the bench channel located and subsequently protected from glaciation.

Below the Lagoon the seismic and drill data appear to have delineated an easterly trending ridge which may have been formed by resistant dike material as suggested by the magnetics. This ridge feature (bedrock) appears to have in part controlled the Lagoon channel feature.

Magnetics are now thought to be valueless in tracing channel features in this area because of the great variation of magnetic content in the bedrock which masks any heavy mineral concentration which may exist. The refration seismic, which appeared to define bedrock when drill data was available does not appear to be sufficiently accurate to definitely locate channel features and may be influenced by the difficult conditions involved. This tool does appear to have potential however in guiding the drill.

Drill holes, the only reliable depth tool used, is excellent to determine the formations penetrated, mineralization and depth to bedrock. Unfortunately, this method is both slow and costly. Average cost of the drilling was $25.00 per foot which included all related costs such as transportation, labor, room and board.

A platinum paystreak was not encountered from this work. Hole #70-2 appears to be on the edge of a channel feature which may trend north-south.

Sincerely,

James R. Wylie

JRW/nc

James R. Wylie

RECEIVED
SEP 28 1970
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

September 21, 1970

Mr. H. K. Stager
Field Officer, OME
United States Geological Survey
345 Middlefield Drive,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District,
Alaska
Contract 2238
Final Report

Dear Mr. Stager:

The following is a summary of the work performed under OME Contract 2238 dated March 30, 1967 amounting to $72,800. Of this amount, $29,281.15 was expended which accomplished the drilling of 17 holes totalling 2064'6" drilled and 21600' of refraction seismic profile. It should be noted that the Government's share of the cost amounted to approximately 35% of the actual costs of doing the work. Final work in the project was completed in April 1970.

The initial drilling was designed to evaluate a ground magnetic anomally in the North Chagvan Area. This feature appeared to represent an extension of the Lower Salmon River Bench Channel however early drilling soon established that the feature resulted from bedrock variation rather than from heavy mineral concentration in the channel.

During 1967, fifteen holes were drilled in a north-south profile along the coast approximately 8400' long. A total of 1746'6" were drilled of which the deepest hole was 170' and the shallowest was 57'6". In each hole bedrock was penetrated and the gravels or sediments sampled and panned for platinum, gold and other heavy minerals. A channel feature was located in holes #12, 13 and 14 but the older gravels were removed by glaciation.

A refraction seismic survey was run in 1968 in an attempt to trace the channel feature in an easterly direction toward the established bench channel approximately 1½ mile eastward. Five profiles totalling 21600' in length were run, which appeared to establish a connecting channel feature.

Two holes were drilled in 1970 to evaluate the channel feature as disclosed by the seismic. Totalling 317', these holes established an unglaciated interval above bedrock but were not in the pay streak, although #70-2 appears to be sufficiently deep to locate the edge of the channel.

It is thought that the entire prospect has been overridden by one or more glaciers which gouged to bedrock in the westerly portion of the claims. To the east, channel features were sufficiently protected so that the glaciers overrode and left the lower oxidized gravels undisturbed. The glaciation, Illinoian ? in age, as described by Mertie in Professional Paper #630, probably came from the Kinegnak area moving westward and northwest across the prospect.

The Bench channel as dredged by the Goodnews Bay Mining Company, trends southerly along the east side of the present Salmon River Channel. It is much deeper that the newer channel and falls at a rate of approximately 50' per mile. To the north of the Chagvan Prospect, this channel feature has been traced by drill holes as far as the twin lakes area below Happy Creek. At this point the channel vears sharply southeasterly. It now appears that another small channel bifurcates from this main bench channel in the vicinity of the Chagvan Prospect.

A strong bedrock ridge trending north-south from Thorsen Mountain to Chagvan Spit is apparent from the drill data. This feature has been cut at the mouth of the present Salmon River, just north of the Lagoon and at the mouth of Chagvan Bay. It does not appear to be interrupted elsewhere but rather seems to form a very distinct feature behind which the bench channel located and subsequently protected from glaciation.

Below the Lagoon the seismic and drill data appear to have delineated an easterly trending ridge which may have been formed by resistant dike material as suggested by the magnetics. This ridge feature (bedrock) appears to have in part controlled the Lagoon channel feature.

Magnetics are now thought to be valueless in tracing channel features in this area because of the great variation of magnetic content in the bedrock which masks any heavy mineral concentration which may exist. The refration seismic, which appeared to define bedrock when drill data was available does not appear to be sufficiently accurate to definitely locate channel features and may be influenced by the difficult conditions involved. This tool does appear to have potential however in guiding the drill.

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

September 21, 1970

Mr. H. K. Stager
Field Officer, OME
United States Geological Survey
345 Middlefield Drive,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District,
Alaska
Contract 2238
Final Report

Dear Mr. Stager:

The following is a summary of the work performed under OME Contract 2238 dated March 30, 1967 amounting to $72,800. Of this amount, $29,281.15 was expended which accomplished the drilling of 17 holes totalling 2064'6" drilled and 21600' of refraction seismic profile. It should be noted that the Government's share of the cost amounted to approximately 35% of the actual costs of doing the work. Final work in the project was completed in April 1970.

The initial drilling was designed to evaluate a ground magnetic anomally in the North Chagvan Area. This feature appeared to represent an extension of the Lower Salmon River Bench Channel however early drilling soon established that the feature resulted from bedrock variation rather than from heavy mineral concentration in the channel.

During 1967, fifteen holes were drilled in a north-south profile along the coast approximately 8400' long. A total of 1746'6" were drilled of which the deepest hole was 170' and the shallowest was 57'6". In each hole bedrock was penetrated and the gravels or sediments sampled and panned for platinum, gold and other heavy minerals. A channel feature was located in holes #12, 13 and 14 but the older gravels were removed by glaciation.

A refraction seismic survey was run in 1968 in an attempt to trace the channel feature in an easterly direction toward the established bench channel approximately 1½ mile eastward. Five profiles totalling 21600' in length were run, which appeared to establish a connecting channel feature.

Drill holes, the only reliable depth tool used, is excellent to determine the formations penetrated, mineralization and depth to bedrock. Unfortunately, this method is both slow and costly. Average cost of the drilling was $25.00 per foot which included all related costs such as transportation, labor, room and board.

A platinum paystreak was not encountered from this work. Hole #70-2 appears to be on the edge of a channel feature which may trend north-south.

Sincerely,

James R. Wylie

JRW/nc

James R. Wylie

RECEIVED
SEP 28 1970
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

Two holes were drilled in 1970 to evaluate the channel feature as disclosed by the seismic. Totalling 317', these holes established an unglaciated interval above bedrock but were not in the pay streak, although #70-2 appears to be sufficiently deep to locate the edge of the channel.

It is thought that the entire prospect has been overridden by one or more glaciers which gouged to bedrock in the westerly portion of the claims. To the east, channel features were sufficiently protected so that the glaciers overrode and left the lower oxidized gravels undisturbed. The glaciation, Illinoian ? in age, as described by Mertie in Professional Paper #630, probably came from the Kinegnak area moving westward and northwest across the prospect.

The Bench channel as dredged by the Goodnews Bay Mining Company, trends southerly along the east side of the present Salmon River Channel. It is much deeper that the newer channel and falls at a rate of approximately 50' per mile. To the north of the Chagvan Prospect, this channel feature has been traced by drill holes as far as the twin lakes area below Happy Creek. At this point the channel vears sharply southeasterly. It now appears that another small channel bifurcates from this main bench channel in the vicinity of the Chagvan Prospect.

A strong bedrock ridge trending north-south from Thorsen Mountain to Chagvan Spit is apparent from the drill data. This feature has been cut at the mouth of the present Salmon River, just north of the Lagoon and at the mouth of Chagvan Bay. It does not appear to be interrupted elsewhere but rather seems to form a very distinct feature behind which the bench channel located and subsequently protected from glaciation.

Below the Lagoon the seismic and drill data appear to have delineated an easterly trending ridge which may have been formed by resistant dike material as suggested by the magnetics. This ridge feature (bedrock) appears to have in part controlled the Lagoon channel feature.

Magnetics are now thought to be valueless in tracing channel features in this area because of the great variation of magnetic content in the bedrock which masks any heavy mineral concentration which may exist. The refration seismic, which appeared to define bedrock when drill data was available does not appear to be sufficiently accurate to definitely locate channel features and may be influenced by the difficult conditions involved. This tool does appear to have potential however in guiding the drill.

Drill holes, the only reliable depth tool used, is excellent to determine the formations penetrated, mineralization and depth to bedrock. Unfortunately, this method is both slow and costly. Average cost of the drilling was $25.00 per foot which included all related costs such as transportation, labor, room and board.

A platinum paystreak was not encountered from this work. Hole #70-2 appears to be on the edge of a channel feature which may trend north-south.

Sincerely,

James R. Wylie

JRW/nc

James R. Wylie

RECEIVED
SEP 28 1970
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

OME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
9/2/70	Emerick	120
		120
9/3	Cac	220
		120M

SEP 3 1970

Memorandum

To: Chief, Branch of Budget and Finance

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed is a copy of the Field Officer's letter of August 27, 1970, forwarding a copy of the Report of Review issued in July 1970 to the subject Operator. Also enclosed is a copy of the report for your files.

Harold Kirkemo (bsl)
Harold Kirkemo

Enclosures

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region II
Mr. Emerick

WLEmerick/bsl 9/2/70

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

August 27, 1970

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

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Dear Mr. Wylie:

Enclosed is a copy, for your files, of a Report of Review on your OME contract prepared by the Office of Survey and Review in Washington, D. C. The facts as stated in the Report of Review agree with the information in the Field Office files and I concur in the report.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosure

cc: OME, Wash., D.C. (2)
Dir. RF
ACG RF
MP RF
Docket

HKStager:mkh

OME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
8/21/70	Emerick	120
8/21	Cal	220
		120M

AIRMAIL

AUG 21 1970

Memorandum

To: Field Officer, Region II

From: Assistant Chief
Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are two copies of a Report of Review issued July 1970.

If you concur in the facts in the report, the Operator should be sent its copy with appropriate comments. As evidence of your concurrence, two copies of your letter transmitting the Operator's copy of the report should be furnished this office. If for any reason you do not agree, both copies of the report should be returned to this office with your comments.

William L. Emerick

William L. Emerick

Enclosures

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
~~XXXXXXXXXXXXXX~~
Mr. Emerick
130

WLEmerick/bsl 8/21/70

MME FORM 60
SEPT. 1959

OFFICIAL COPY O. E. E. RECEIVED MAY 18 1970 MINERALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OME 6583

Docket No.
Contract No. 2238
14-23-090-
Contract Amount $ 72,800.00
Gov't. Participation % 50 $ 36,400.00
Mineral(s) PLATINUM-GOLD

OPERATOR'S MONTHLY VOUCHER For Month of APRIL 1970

Operator's Name WYLIE ASSOCIATES
Address P.O.BOX 208, APTOS, CALIFORNIA 95003

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling						
318 @$9.10/ft	2893.80	12999.35	15893.15			
Seismic Survey		7393.00	7393.00			
(2) Personal Services:						
Supervision & Technical	750.00	3000.00	3750.00			
Outside Consultants		1485.00	1485.00			
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks	10.00	10.00	20.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes						
Employee's Liability Ins.						
Office Expense	60.00	240.00	300.00			
Conslt RT Anch/PT		200.00	200.00			
Conslt 15d/liv		240.00	240.00			
TOTALS	3713.80	25567.35	29281.15			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 4, 1970 *Payee WYLIE ASSOCIATES
Per Jas R. Wylie Title PARTNER

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
1856.90 (63)14X0804
200.00 14X6875(08)
$ 1656.90

Signature [illegible]
(Authorized Certifying Officer)
Date MAY 18 1970 Vou. No. 06796
(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2238

Signature R. M. Smith for Title Field Office Region II Date 5/8/70

Approved by OME Executive Officer or Alternate:

Signature R M Smith Title Alternate Date 5/8/70

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of APRIL 1970 Docket No. OME -6583

Operator's Name WYLIE ASSOCIATES Contract No. 14-23-090-2238

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	FEET	318	1746'6"	19153.15	318	1746 1/2	19153.15
Percussion							
Miscellaneous							
Refraction Seismic	feet		21600'	10128.00	0	21,600	10128.00
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				29281.15			29,281.15

REMARKS

(Continue on back)

REMARKS
This may be the final voucher. We recommend that $200.00 be withheld pending receipt of Operator's Final Report.

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date MAY 4, 1970 Operator WYLIE ASSOCIATES

Per Jas R. Wylie Title PARTNER

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature R. M. Smith
for
Title OME Field Officer, Region II
Government Representative

Date 5/8/70

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

RECEIVED
U.S. GEOLOGICAL SURVEY
MAY 13 7 54 AM '59
BUDGET & FINANCE
0 8 5 5 1 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
Branch of Budget and Finance
Washington, D. C. 20242

ADMINISTRATIVE SUSPENSION STATEMENT

Name and Address of Payee: Wylie Associates
P.O. Box 208
Aptos, Calif. 95003

Amount Claimed:	Differences (Explained Below)	Amount Approved
3,713.80	200.00	3,713.80 1,856.90Cov. Part.
Bu. Voucher No.	Payee's Invoice No.	Period
	Docket #6583 Contract #2238	April 1970

EXPLANATION

Withholding $200.00 pending receipt of Final Report.

Any reclaim for items deducted must be included as a separate item on subsequent monthly voucher and supported by the original of this statement.

Branch of Budget and Finance

OME -6583
WYLIE ASSOCIATES
CHAGVAN PROSPECT
BETHEL RECORDING DISTRICT, ALASKA
CONTRACT NO. 2238

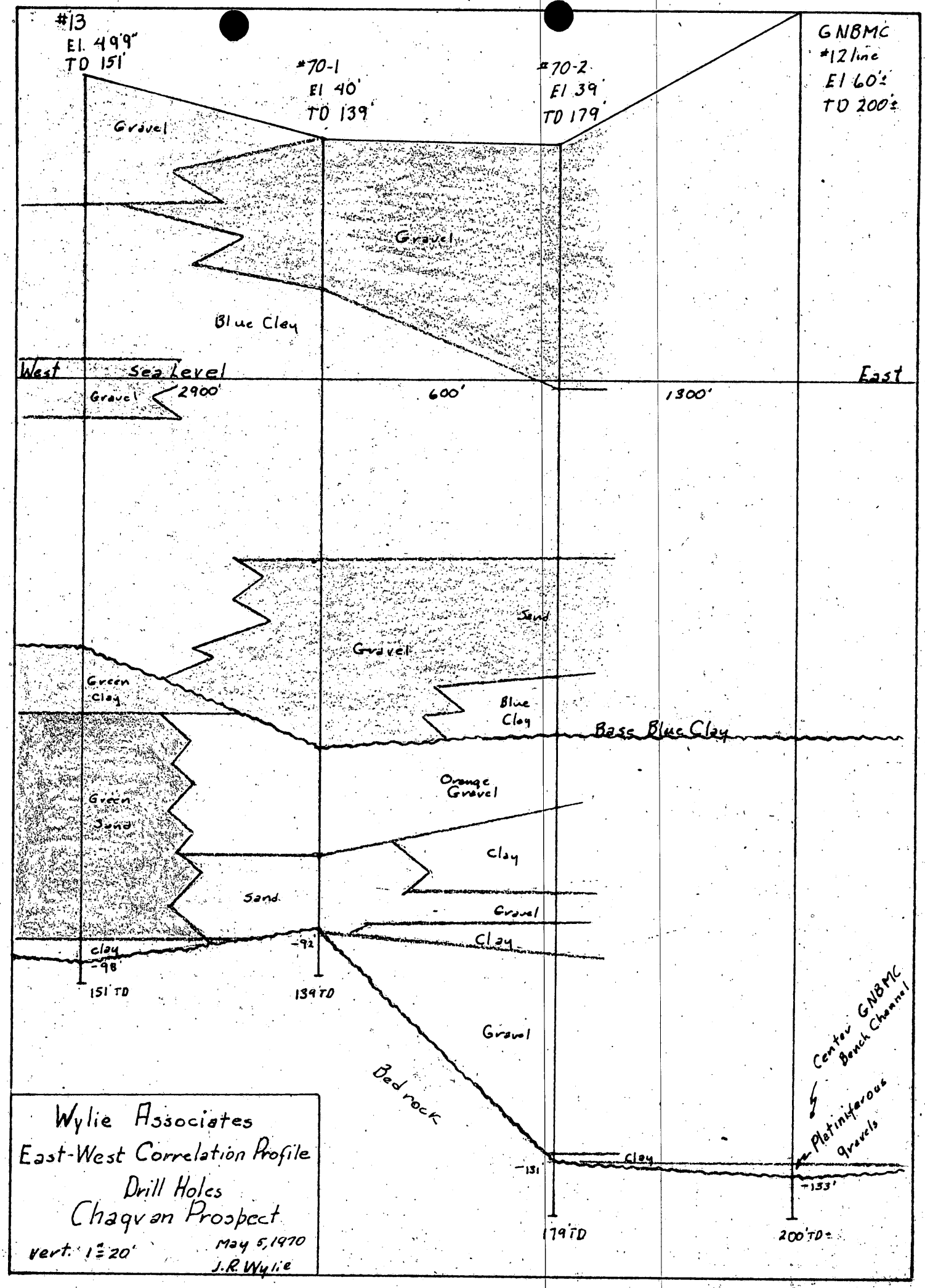
RE: APRIL 1970 VOUCHER

SUPERVISION

I certify that James R. Wylie was at Platinum, Alaska during the periods April 7, 8, 1970, and April 21, through May 1, 1970 and that during this period I supervised the drilling operations. During the periods April 9 through April 20, and May 2, 3, 1970, the assembly and move in, move out operations were supervised by Mr. Joseph Fisher, a graduate mining engineer who was present at Platinum, Alaska during these periods.

James R. Wylie

James R. Wylie


#13
El. 499'
TD 151'
#70-1
El 40'
TD 139'
#70-2
El 39'
TD 179'
GNBMC
#12 line
El 60±
TD 200±
Gravel
Gravel
Blue Clay
West
Sea Level
East
Gravel
2900'
600'
1300'
Sand
Gravel
Green Clay
Blue Clay
Bass Blue Clay
Orange Gravel
Green Sand
Clay
Sand
Gravel
Clay
clay
-98'
-92'
151' TD
139' TD
Gravel
Bedrock
Center GNBMC Bench Channel
Platiniferous Gravels
Clay
-131'
-133'
179' TD
200' TD±
Wylie Associates
East-West Correlation Profile
Drill Holes
Chaqvan Prospect
vert. 1" = 20'
May 5, 1970
J.R. Wylie

WYLIE ASSOCIATES

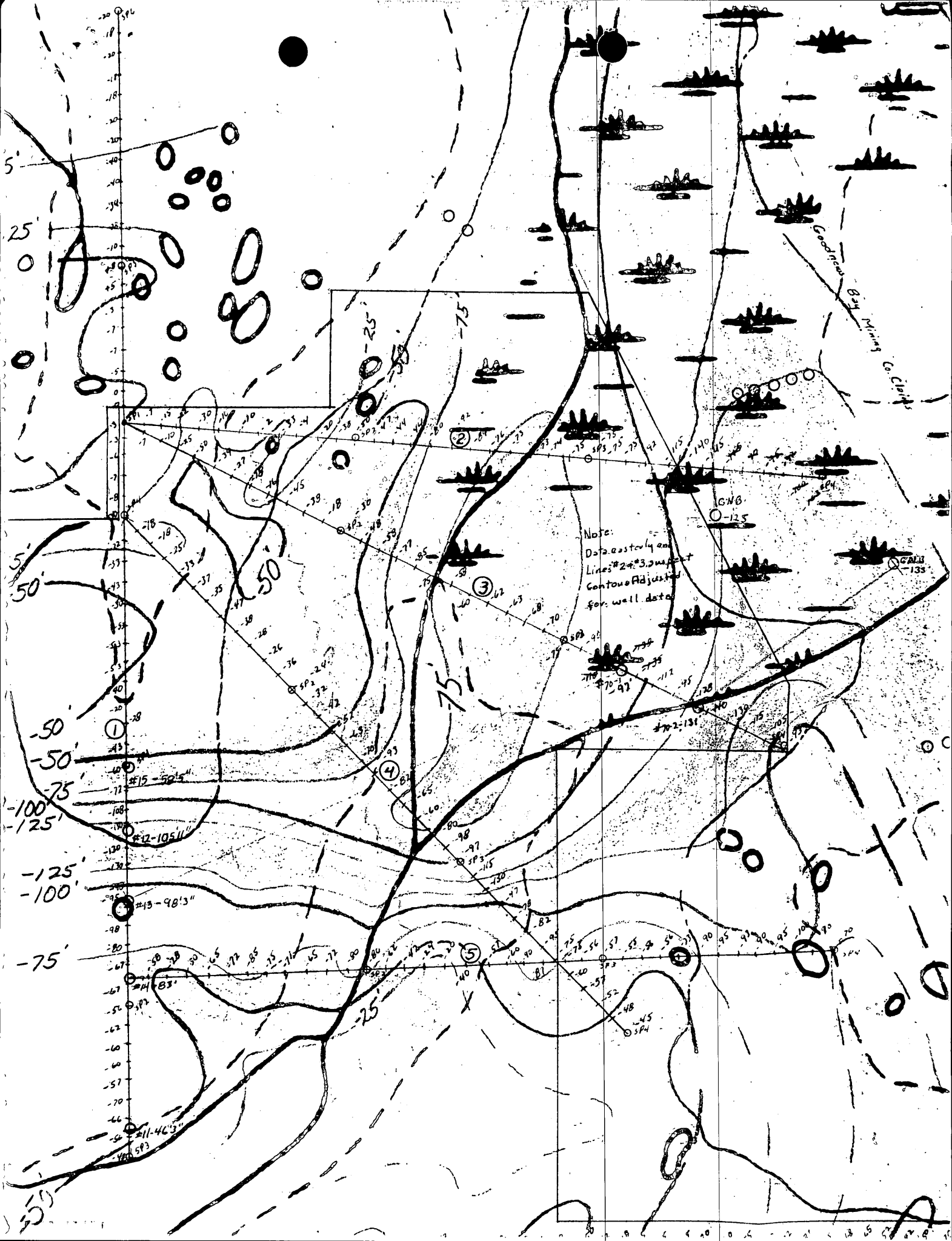
CHAGVAN #70-1

Elev. Ground	40'
Total Depth	139'
Top Bedrock	132'
Spud	4-21-70
Abd.	4-26-70

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK, brown clay
2' -25'	23'	GRAVEL, blue clay color, medium to fine grained, sandy
25' -70'	45'	BLUE GRAY CLAY, sticky, soft water & sloughing at 50', poor heavy minerials
70' -75'	5'	GRAVEL, blue gray clay, permofrost, hard drilling,
75' -83'	8'	GRAVELLY BLUE CLAY, permofrost, softer drilling, coarse frags to 2", hard to drive pipe, pulled 1 joint casing before proceedng.
83' -102'	19'	GRAVEL & SAND, blue gray clay, tough drilling, very little heavy minerals
102' -120'	18'	GRAVEL, yellow brown clay, oragge clay (by driller), very sandy, some clayey, good drilling, hard gravel, fair heavy minerals, No Au, No Pt.
120' -132'	15'	SAND, orange brown clay, coarse to fine sandy, occassional gravel, good drilling, harder at 130', very good heavy minerals, No Au, No Pt.
132' -139'	7'	DECOMPOSED BEDROCK, light tan with greenish cast, occassional gray spots, clayey, some sandy, very hard drilling, mica, no gravel, poor heavy minerals, No Au, No Pt.

TOP BLUE CLAY	25'
BASE BLUE CLAY	83'
TOP ORANGE BROWN GRAVEL	102'
TOP BEDROCK drilled	132'
subsea	-92'

PANNED BY: BABALA MERRIT
DESCRIBED BY: JAMES R. WYLIE


Goodnews Bay Mining Co. Claims
Note:
Data east of line #2 & #3 was not contoured adjusted for well data
GNB
-125
GAB
-135
#15 - 50'5"
#12 - 105'11"
#13 - 98'3"
#14 - 83'
#11 - 46'3"
#70 - 97'
#70 2 - 131'
-25'
-50'
-75'
-100'
-125'

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
5/11/70	Peterson	120
		120
5/11	Cal	220
		120M

Memorandum

MAY 11 1970

To: Chief, Branch of Budget and Finance

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the original and two copies of the Operator's Monthly Voucher for April 1970. Please withhold $200.00 from payment of this voucher pending receipt of an acceptable Operator's Final Report.

Harold Kirkemo (gla)

Harold Kirkemo

Enclosures

cc: Director's Reading File
Mineral Resources File
OME Docket
OME Reading File
OME Region II
Mr. Peterson

ECPeterson/bsl 5/11/70

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

OFFICIAL COPY
O. M. E.
RECEIVED
APR 16 1970
INITIALS CODE
JP/30
JR 120m
HR 120
EP 120 P

LICENSED MINERAL, OIL AND GAS BROKER

April 10, 1970

Mr. H. K. Stager
Field Officer, OME Region II
U. S. Department of Interior
345 Middlefield Road,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District
Contract 2238

Dear Mr. Stager:

This is to let you know that we have been successful in obtaining a drilling rig for the above contract. Goodnews Bay Mining Company has agreed to do the drilling using their new auger-churn drill combination.

Attached is a plat of the two locations which I staked this past week. As you know this is an attempt to tract the lower Salmon River Bench channel based on the refraction seismic work. Our intention is to locate an unglaciated portion.

The drilling proceedure Goodnews Bay is now using on the deep ground is to auger the upper 100' to 150' of hole, then set casing and churn drill through the pay section immediately above bedrock. This has been satisfactory with them and they have the 3 rigs operating in this fashion. If you have no objections we would intend to proceed in the same fashion using the benefit of their experience to improve efficiency especially in the recovery of casing. A hydrallic puller is being used.

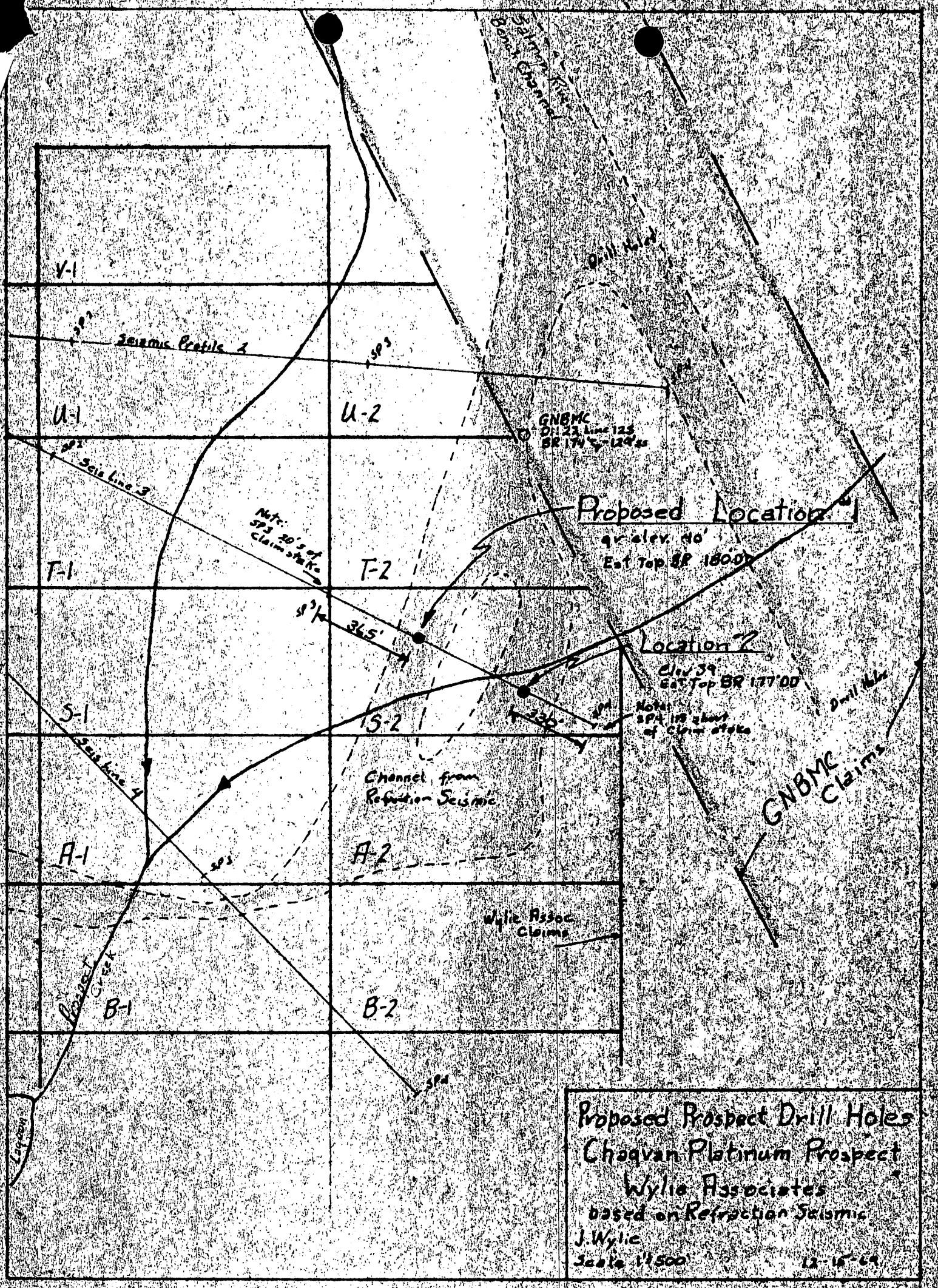
Present plans are to begin drilling in approximately 2 weeks. Please let me know if you have any questions or if you wish additional information.

Sincerely,

James R. Wylie

JRW/nc
attach

RECEIVED
APR 13 1970
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.


V-1
U-1
U-2
T-1
T-2
S-1
S-2
A-1
A-2
B-1
B-2
Seismic Profile 2
Seis line 3
Seis line 4
Note: SP3 20' S of Claim stake
365'
Proposed Location 1
qr elev. 40'
Est Top BR 180.00
Location 2
Elev 39
Est Top BR 177.00
Note: SP4 18' short of claim stake
GNBMC
DH 22 Line 125
BR 174' - 124.00
Drill Holes
Channel from Refraction Seismic
GNBMC Claims
Wylie Assoc Claims
Prospect Creek
Lagoon
Proposed Prospect Drill Holes
Chaqvan Platinum Prospect
Wylie Associates
based on Refraction Seismic
J. Wylie
Scale 1"=500'
12-15-69

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/24/69	On leave	120
7/24	Kirkemo	120
		220
		120M

July 24, 1969

Memorandum

To: Branch of Budget and Finance

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Vontract 2238

Enclosed is a copy of the Field Officer's letter of July 22, 1969, to the Operator, forwarding a copy of the Report of Review issued in June 1969, covering accepted costs of work performed under the subject contract from July 1, 1967, through October 31, 1968. Also enclosed is a copy of the report for your files.

Wilbur L. Emerick (gla)
Harold Kirkemo

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
Mr. Peterson
OME Region II

GLAult/a 7-24-69

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

July 22, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 24 1969

INITIALS	CODE
Ja	120
M	120 M
HK	120
	(120P)

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

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Dear Mr. Wylie:

Enclosed is a copy, for your files, of a Report of Review on your OME contract prepared by the Office of Survey and Review in Washington, D. C. The facts as stated in the Report of Review agree with the information in the Field Office files and I concur in the report.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosure

cc: OME, Wash., D.C. (2)
Dir. RF
ACG RF
MP RF
Docket

HKStager:mkh

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
7/18/69	Peterson	120
		120
18	cac	220
		120M

AIRMAIL

JUL 18 1969

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the Field Office's and Operator's copis of a Report of Review issued in June 1969 showing accepted costs of work performed under the subject contract from July 1, 1967, through October 31, 1968.

If you concur in the facts as stated in this report, one copy should be sent to the Operator with any comments you may care to make, and the other copy retained for your files. As evidence of your concurrence, two copies of your letter transmitting the Operator's copy of the report should be furnished this office. If for any reason you do not concur, both copies of the report should be returned to this office with appropriate comments.

Harold Kirkemo (gla)

Harold Kirkemo

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME ReadingFile
Mr. Peterson
130

GLAult/a 7-18-69

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

July 1, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 7 1969

INITIALS	CODE
gla	130
bsl	120 m
HK	~~120~~
CR	120 P

Memorandum

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the Government's and Fiscal Section's copies of Amendment No. 2, executed by the Operator. The remaining copies have been distributed in the usual manner.

H. K. Stager (mk)
H. K. Stager

Enclosures

See left side

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

June 20, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
JUN 23 1969

INITIALS	CODE
	~~130~~
	120
HK	~~130~~
	120

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

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Dear Mr. Wylie:

Enclosed are the original and three copies of proposed Amendment No. 2 (3 copies), to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you, all four copies should be signed by you and the Government's, Fiscal Section's, and Field Office's copies returned to this office. The Operator's copy should be retained for your files.

If any part of the proposed amendment does not have your approval, the original and all copies are to be returned to this office together with the proposed changes for consideration.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosures

cc: OME, Wash., D.C.
Dir. RF
ACG RF
MP RF
Docket

HKStager:mkh

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/17/69	(on leave)	120
"	Kirkemo	120
6/18	Kalzsanoa	
8/18	Kryn	
6/18	csc	220
		120M

JUN 1 8 1969

AIRMAIL

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the original and three copies of proposed Amendment No. 2 (3 pages), to the subject contract, signed for the Government. An extra copy of the amendment is also enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by the Operator and distributed in the usual manner.

If any part of the proposed amendment does not have your approval or that of the Operator, the original and all copies are to be returned to this office together with the proposed changes for consideration.

Harold Kirkemo (gla)

Harold Kirkemo

osures

irector's Reading File
onomic Geology File
E Docket
Reading File
Peterson

6/17/69

MME FORM
REV. 2-59

REFERENCE SLIP

OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Assoc.Sol.A-MR, Rm. 6554, Interior (Through Room 6042 Interior)		
2. Mr. Peterson, Rm. 4459 Interior		
3.		
4.		
5.		
FROM: Chief, OME		

FOR: Check items for action desired

____ Action ____ Reply for signature of ____
____ Approval ____ Investigate ____ Surname
____ Comment ____ Recommendations ____ Signature
____ Conference ____ Rewrite ____ File
____ Instructions ____ Your information

REMARKS:

OME-6583, Contract 2238, Wylie Associates

Proposed Amendment No. 2

FROM SOLICITOR

JUN

FOR SIGNATURE

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

M56300-62

WYLIE ASSOCIATES

CHAGVAN #70-1

Elev. Ground	40'
Total Depth	139'
Top Bedrock	132'
Spud	4-21-70
Abd.	4-26-70

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK, brown clay
2' -25'	23'	GRAVEL, blue clay color, medium to fine grained, sandy
25' -70'	45'	BLUE GRAY CLAY, sticky, soft water & sloughing at 50', poor heavy minerials
70' -75'	5'	GRAVEL, blue gray clay, permofrost, hard drilling,
75' -83'	8'	GRAVELLY BLUE CLAY, permofrost, softer drilling, coarse frags to 2", hard to drive pipe, pulled 1 joint casing before proceedng.
83' -102'	19'	GRAVEL & SAND, blue gray clay, tough drilling, very little heavy minerals
102' -120'	18'	GRAVEL, yellow brown clay, orange clay (by driller), very sandy, some clayey, good drilling, hard gravel, fair heavy minerals, No Au, No Pt.
120' -132'	15'	SAND, orange brown clay, coarse to fine sandy, occassional gravel, good drilling, harder at 130', very good heavy minerals, No Au, No Pt.
132' -139'	7'	DECOMPOSED BEDROCK, light tan with greenish cast, occassional gray spots, clayey, some sandy, very hard drilling, mica, no gravel, poor heavy minerals, No Au, No Pt.

TOP BLUE CLAY	25'
BASE BLUE CLAY	83'
TOP ORANGE BROWN GRAVEL	102'
TOP BEDROCK drilled	132'
subsea	-92'

PANNED BY: BABALA MERRIT
DESCRIBED BY: JAMES R. WYLIE

DRAFT 6/9/69
ECPeterson/gla

to Legal 6/10/69

EP 120
HK 120
120M

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

AMENDMENT NO. 2

It is agreed this _____ day of _____, 1969, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Wylie Associates, hereinafter called the "Operator," that Exploration Contract 2238 (OME-6583) dated March 30, 1967, as amended, is further amended, effective November 1, 1968, as follows:

1. (a) Work under the contract shall (may) be suspended during the period beginning November 1, 1968, and ending on or before July 1, 1970.

(b) The Government shall not contribute to any costs incurred during the period of suspension or to any costs of rehabilitation or repair which in its opinion would not have occurred had there been no suspension of the work.

(c) The Operator, at its own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work.

2. The time fixed by Article 1 (a) of the contract for completion of the work is extended from twenty-four (24) to forty-two (42) months from the date of the contract, or until September 30, 1970.

3. The maximum period of royalty payments and for the lien to secure payments thereof provided for in the contract is extended from ten (10) to twelve (12) years from the date of the contract.

4. It is the essence of this contract that the work be resumed before the termination of the period herein fixed for suspension, and be completed before the termination of the period herein fixed for completion; and if it is not so resumed and so completed in the manner required by the contract, the following provisions shall thereupon become effective:

(a) If work has not been resumed on or before July 1, 1970, the contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated effective November 1, 1968.

(b) If work has been resumed on or before July 1, 1970, but is not completed on or before September 30, 1970, the contract and all obligations of the parties thereunder, except as hereinafter otherwise provided, shall be and are hereby terminated effective September 30, 1970.

(c) The Government will contribute only to allowable costs incurred prior to the dates set forth in 4(a) or 4(b) above, whichever is applicable.

(d) The Operator shall promptly perform all winding-up and settlement actions provided for in the contract, including the rendering of the final report and final account.

(e) The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer (for example, if the Operator either transfers or fails to

retain his interest in the land), shall pay to the Government the royalty provided for in the contract in the same manner and amount, for the same period, and subject to the same provisions as provided for in the contract as amended herein as if certification of possible production had been made, such certification being hereby expressly waived by the Operator. In addition, all rights of the Government provided for in the contract with respect to a certification of possible production, royalties on production and liens to secure payment thereof, reports (including the preservation of Operator's records), accounts, audits, and the right to recover any overpayments are hereby preserved.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, the amount of any item designated as a maximum, nor the fixed unit cost of any item of work.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration
U. S. Geological Survey

WYLIE ASSOCIATES

By_____

Title_____

UNITED STATES
DEPARTMENT OF THE INTERIOR

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

May 26, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 28 1969

INITIALS	CODE
	130
bgl	120
HK	120
97	120

Memorandum

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed is a letter from the Operator, dated May 14, 1969, requesting an extension of the time for completion of the work under the subject contract. The Operator is not able to obtain a drill rig to complete the work this season.

I recommend that an 18-month extension of time be approved, from March 30, 1969, to September 30, 1970.

H. K. Stager

H. K. Stager

Enclosure

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

May 14, 1969

Mr. H. K. Stager
Field Officer, OME Region II
United States Department of Interior
345 Middlefield Road,
Menlo Park, California 94025

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Dear Mr. Stager:

In reply to your letter of May 12th and concerning our phone conversation today, this is to inform you that we have been unable to locate a suitable deep drilling cable tool rig.

I uncovered several cable tool rigs on my recent trip to Anchorage but none were capable of the 175' depth required. At the same time, although available, it did not seem desireable to consider a rotary rig.

The Goodnews Bay Mining Company is active with their rig this summer and it is unavailable to us. When I am at Platinum later this season I intend to pursue the subject of our using their rig next summer.

With this in mind, might you consider an extension of our contract so that we may drill next summer. Thank you for your consideration. Please contact me if I can supply you with additional information.

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc

RECEIVED
MAY 15 1969
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

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

May 12, 1969

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 15 1969

INITIALS	CODE
	120
Gal	120
HK	120
	120

Wylie Associates
P.O. Box 208
Aptos, California 95003

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Dear Mr. Wylie:

We have not heard from you since your letter of December 4, 1968. Will you please advise us of your plans for completion of the work under the subject contract.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

cc: OME, Wash., D.C.
Dir. RF
ACG RF
MP RF
Docket

HKStager:mkh

James R. Wylie

OME-6583

12-6-68

ORIGINAL COPY
C. E. M.
RECEIVED
DEC 9 1968

INITIALS	CODE
	~~130~~
~~bol~~	120
~~[illegible]~~	~~122~~
~~[illegible]~~	~~120~~

Mr. Stager

We staked the additional claims on the Chagvan Prospect

Now having trouble locating a rig - Goodnews Bay Mining Company says we cannot use theirs this year because they are full drilling the upper portion of the deep channel - they are using two rigs.

James R. Wylie

RECEIVED
DEC 5 1968
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

MME FORM 60
SEPT. 1959

OFFICIAL COPY
H. E.
RECEIVED
NOV 12 1968
INITIALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OME 6583
Contract No.
14-23-090- 2238
Contract Amount $72,800.00
Gov't. Participation % 50 $ 36400.
Mineral(s) Platinum - Gold

OPERATOR'S MONTHLY VOUCHER For Month of October 1968

Operator's Name WYLIE ASSOCIATES
Address P. O. BOX 208, APTOS, CALIFORNIA 95003

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling		12,999.35	12,999.35			
Seismic Survey	7,393.		7,393.00			
(2) Personal Services:						
Supervision & Technical	750.	2,250.00	3,000.00			
Outside Consultants	1,485.		1,485.00			
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks		10.00	10.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes						
Employee's Liability Ins.						
Office Expense	60.	180.00	240.00			
Conslt. RT Anch-Pt	200.		200.00			
Conslt. 15 d/liv	240.		240.00			
TOTALS	10,128.	15,439.35	25,567.35			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 30, 1968 *Payee WYLIE ASSOCIATES

Per Jan R. Wylie Title PARTNER

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: 14X0804

$ 5064.00

Signature [illegible] (Authorized Certifying Officer)

Date NOV 8 1968 Vou. No. 92915

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2238

Signature H B Stager Title FIELD OFFICER Date 11-4-68

Approved by OME Executive Officer or Alternate: OME REGION II

Signature H B Stager Title FIELD OFFICER Date 11-4-68

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

92915

OPERATOR'S PROGRESS REPORT For Month of OCTOBER 1968 Docket No. OME-6583

Operator's Name WYLIE ASSOCIATES Contract No. 14-23-090-2238

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	feet		1428'6"	15,439.35	0	1,428'6"	15,439.35
Percussion							
Miscellaneous							
Refraction Seismic	feet		21600'	10,128.00	21,600'	21,600'	10,128.00
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				25,567.35			$ 25,567.35

REMARKS

(Continue on back)

REMARKS

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date October 31, 1968 Operator WYLIE ASSOCIATES

Per [signature] Title PARTNER

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature [signature]

Title Field Officer, OME Region II
Government Representative

Date 11-4-68

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

INT.DUP.,D.C.59- 61577

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

92915

WYLIE ASSOCIATES
October 30, 1968

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

OME-6583
NO. 2238

Dear Mr. Stager:

Attached is a brief summary of the work accomplished during September-October 1968. Included are two copies of the Refraction Seismic Survey of the Chagvan Prospect, Completed forms MME 60 and MME 61, a certificate of supervision and a statement from Alaskan Geophysical.

The Seismic Report describes the Operation of the crew and personal, the instrument usedand how the records were made and preserved. In addition, the interpretation was discussed and conclusions inferred.

It should be emphasized that this survey appears to have traced the Salmon River Bench Channel which seems sufficiently enticing to warrent additional drilling on the easterly portion of the property.

Sincerely,

James R. Wylie

JRW/no

RECEIVED
NOV 1 1968
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

TELEPHONE 272-0424

Alaskan Geophysical

P. O. BOX 2341
ANCHORAGE, ALASKA
99501

92915

October 8, 1968

STATEMENT

Wylie & Associates
P.O. Box 208
Aptos, California 95003

Re: Goodnews Bay Prospect

1 man 15 days @ $100.00 a day	=	$1,500.00

Note: Client has paid room, board and Travel expenses. All travel expenses including room and board en route expenses and Air Fare paid by Client.

TOTAL $1,500.00

OME -6583
WYLIE ASSOCIATES
CHAGVAN PROSPECT
BETHEL RECORDING DISTRICT, ALASKA
CONTRACT NO. 2238

RE: OCTOBER 1968 VOUCHER

SUPERVISION

I certify that James R. Wylie was at Platinum, Alaska, during the period September 28, through and including October 7, and that during this period I supervised the operation of the Refraction Seismic Crew. During the period September 25, through and including September 27 I supervised the assembly and test of the equipment and material. During the period October 8, through and including October 23, I supervised the assembly and interpretation of the recovered data.

The Seismic crew operated and the interpretation required a period of 26 working days during September - October 1968.

James R. Wylie

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

See left side

Memorandum

May 24, 1968

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 27 1968

INITIALS	CODE
6/5/68 gla	130
Bof	120
JJ	110
EP	120

Sent B&F copy

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the Government's and Budget and Finance's copies of Amendment No. 1, executed by the Operator. The remaining copies have been distributed in the usual manner.

H. K. Stager

H. K. Stager

Enclosures

James R. Wylie
POST OFFICE BOX 208
APTOS, CALIFORNIA 95003
PHONE 689-4623, AREA CODE 408

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

May 22, 1968

Mr. H. K. Stager
Field Officer
OME, Region II
345 Middlefield Road,
Menlo Park, California 94025

Dear Mr. Stager:

Enclosed are the original and two copies of Amendment No. 1, to OME-6583 Contract # 2238 for the Chagvan Prospect, Alaska.

As I indicated today, we will delay starting the work to coincide with Alaska Geophysical's schedule and for weather conditions to provide maximum mobility at the site.

I will notify you when a definite starting date is scheduled so that you may be informed as to our activities.

As you pointed out the Government will only participate in the geophysical work performed within the boundaries of the claims covered by the contract. The profiles as outlined in the Amendment apear quite satisfactory to provide adequate interpretation of the area.

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc

RECEIVED
MAY 24 1968
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

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

May 6, 1968

Wylie Associates
P.O. Box 208
Aptos, Calif. 95003

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

130
120 M
10
EO 120 P

Dear Mr. Wylie:

Enclosed are the original and three copies of proposed Amendment No. 1 (four pages), and one map (Figure 1), to the subject contract, signed for the Government.

If the proposed amendment is satisfactory to you all four copies should be signed by you and the Government's, Budget and Finance's, and Field Office's copies returned to this office. The Operator's copy should be retained for your files.

If any part of the proposed amendment does not have your approval, the original and all copies are to be returned to this office together with the proposed changes for consideration.

Please note that the Government will only contribute to the costs of the geophysical work performed within the boundaries of the claims covered by the contract. The costs of any work done outside of the claims must be at your expense. If you have any questions please call me.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosures

cc: Chief, OME, WDC ✓
Dir RF
ACG RF
MP RF
Docket

HKStager:mlb

OFFICIAL FILE COPY

Date	Surname	Code
5/1/68	Peterson	120
5/1/68	Stephens	120
"	Johnson	110
5/1/68	[illegible]	220
5/2	[illegible]	
		110
		220

120M

MAY 3 1968

AIRMAIL

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract 2238

Enclosed are the original and three copies of proposed Amendment No. 1 (four pages) and one map (Figure 1), to the subject contract, signed for the Government. An extra copy of the amendment also is enclosed for field use.

If the proposed amendment is satisfactory to you and the Operator, all four copies should be signed by a duly authorized representative of the Operator and distributed in the usual manner.

If any part of the proposed amendment does not have your approval or that of the Operator, the original and all copies are to be returned to this office together with the proposed changes for consideration.

FRANK E. JOHNSON

Frank E. Johnson

Enclosures

cc: Director's Reading File
Division File
Economic Geology File
OME docket
OME Reading File
Mr. Peterson
130

GLAult/a 5-1-68

MEA FORM 5 REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO:	INITIALS	DATE
1. Assoc. Sd.--MR, Room 653 (Through Room 6042)		
2. Mr. Peterson, Room 4459		
3.		
4.		
5.		
FROM: Chief, OME		

INTERIOR DEPT.
D-68-2179.3192
APR 25 1968
SOLICITOR

FOR: Check items for action desired

____ Action ____ Reply for signature of _____
____ Approval ____ Investigate ____ Surname
____ Comment ____ Recommendations ____ Signature
____ Conference ____ Rewrite ____ File
____ Instructions ____ Your information

REMARKS:

Please return map.

FROM SOLICITOR
4-29-68
FOR SIGNATURE

INT.-DUP. SEC., WASH., D.C. M25803

Legal 125

EP 120
HK 120
~~JA 110~~
120M

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

AMENDMENT NO. 1

It is agreed this _____ day of _____ 1968, between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and Wylie Associates, hereinafter called the "Operator", that Exploration Contract 2238 (OME-6583), dated March 30, 1967, is amended effective April 15, 1968, as follows:

1. The ~~following~~ Seven (7) unpatented claims outlined in green on Figure 1 entitled "Property map, Wylie Associates, Chagvan Prospect, Bethel Recording District, Alaska, amended," attached and made a part hereof, are added to the land referred to in Article 2 of the contract and described in Annex I. The claims are recorded in the Office of the Recorder, Bethel Recording District, Bethel, Alaska, as follows:

Claim	Book	Page
S-2 Above	5	131
T-1 Above	5	132
T-2 Above	5	133
U	5	134
U-1 Above	5	135
U-2	5	136
V-1 Above	5	137

The Operator is in possession of these claims by right of location.

2. In Exhibit A:

(a) The first paragraph is revised to read as follows:

"The purpose of this project is to explore by seismic refraction surveying and churn drilling for alluvial gold and platinum occurring in gravels and in the underlying bedrock where previous geophysical surveys have indicated favorable anomalous areas."

(b) Under the heading General Provisions, the following paragraph is added:

The proposed geophysical traverses shall be accurately surveyed and posted on maps and the data obtained from the seismic work shall be furnished to the Government with geologic interpretation.

(c) Under the heading Description of the Work, Stage II, is revised to read as follows:

"The work shall consist of conducting a geophysical survey by the seismic refraction method along traverses totalling approximately 21,600 feet, and churn drilling not more than 4,300 feet. The number of holes, their locations, and depth shall be contingent upon the results obtained in Stage I, and the completed seismic survey. The approximate location of the proposed traverses are shown on Figure 1, amended, referred to previously.

The survey line numbers, approximate bearing and length are as follows:"

Line No.	Bearing	Length feet
1	North	4,700
2	S85°E	2,800
3	S55°E	3,900
4	S45°E	3,300
5	East	2,200
6	East	4,700
	Total Length	21,600

(d) Under the heading Estimated Costs of the Project, Stage II, is revised to read as follows:

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer

8 months @ $750.00/month $6,000.00

1 Outside consultant

20 days @ $99.00/day 1,980.00

$ 7,980.00

Category (3) Operating Materials and Supplies

None except:

Casing, 100 feet @ $5.00/foot 1/ $500.00

Sample sacks, 1,000 @ $0.05/sack 50.00

590.00

Category (7) Miscellaneous

400 assays for gold @ $3.00/assay		$ 1,200.00
400 assays for platinum @ $3.00/assay		1,200.00
Transportation of samples		
400 samples @ $1.55/each		620.00
Travel expenses, outside consultant		
Per diem, 20 days @ $16.00/day		320.00
Anchorage, Alaska to Platinum,		
Alaska and return by air		
5 Trips @ $200.00/trip		1,000.00
		$ 4,340.00
Total Estimated Actual Costs, Stage II		$12,870.00

Fixed Unit Costs 2/

Seismic refraction survey,		
21,600 feet 3/	$ 7,393.00	
Churn drilling,		
4,300 feet @ $9.10/foot	39,130.00	
Office expenses		
8 months @ $60.00/month	480.00	
Total Estimated Fixed Unit Costs, Stage II		$47,003.00
Total Estimated Costs, Stage II		$59,873.00

~~(e) Under the heading Estimated Costs of Project, Summary, is revised to read as follows:~~

SUMMARY

Total Estimated Costs of Stage I	$12,927.00
Total Estimated Costs of Stage II	59,873.00
Total Estimated Cost of the Project	$72,800.00
Government Participation @ 50%	$36,400.00

1/ The Government will not contribute to the cost of casing left in a drill hole at the request of the Operator.

2/ Includes all costs whatsoever that would otherwise be allowable costs under Categories (2) through (7).

3/ The completed job is the unit of work.

This amendment shall not be construed to increase the estimated total cost of the contract, the aggregate amount which the Government may be required to contribute, nor the amount of any item designated as maximum.

Executed in quadruplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Chief, Office of Minerals Exploration
U. S. Geological Survey

WYLIE ASSOCIATES

By_____

Title_____

IN REPLY REFER TO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum

April 12, 1968

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

OFFICIAL COPY
O. M. E.
RECEIVED
APR 15 1968
INITIALS | CODE
120
bal | 120
on leave | 10
120

Enclosed is a proposal from the Operator requesting an amendment to permit a seismic refraction survey as part of Stage II of the subject contract. The proposed survey would, hopefully, provide a guide to the best location for the remaining holes to be drilled under Stage II. Ample funds remain under the contract to permit the survey, that is estimated to cost $14,350. Only $15,439.35 has been expended to date out of the $72,800 provided, leaving a balance of $57,360.65 for Stage II work. I recommend that the contract be amended to allow the proposed survey.

H. K. Stager

Enclosure

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

OME-6583

April 8, 1968

Mr. H. K. Stager
Field Officer, OME Region II
345 Middlefield Road,
Menlo Park, California 94025

Dear Mr. Stager:

I regret the delay in writing concerning our plans at Chagvan Bay. We have spent some time obtaining information on a refraction seismic instrument and outlining a suitable program. This is a proposal to amend our existing contract to include the following seismic program in order to attempt to trace the apparent Salmon River Bench Channel.

Attached is a map and estimated costs, indicating the location of the desired profiles consisting of approximately 6.1 miles of profile estimated to require 30 days and estimated to cost $14,350.

We plan to lease the seismic equipment (Geo Space GT-2 or equal) and to operate the crew ourselves working under the counsel of Alaska Geophysical Corporation, Box 2341, Anchorage, Alaska 99501, operated by Mr. Joseph A. Riendl (formerly Precision Exploration). Alaska Geophysical will supply one man to set up and field test the equipment and would provide assistance in interpretation. Personel employed by this company have vast geophysical experience in Alaska and have experience in the Goodnews Area having run a refraction program for Goodnews Bay Mining Company.

The work would be carried on with a 3 man crew consisting of a supervisor (operator, recorder, shooter), a powder man, and a jug handler. I will operate the crew and 2 men would be hired locally at Platinum. In addition the Alaska Geophysical man would assist for approximately one week. Room and Board would be at the Goodnews Bay Camp where we would also lease 2 vehicles.

If the results are positive and the channel can be traced we propose to follow up with additional core hole drilling which would be presented at the conclusion of the seismic work.

We propose to alter the contract to include the new claims as outlined on the attached sheet.

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

This is, as far as we are aware, a relatively new use for this type of light inexpensive geophysical equipment. Included in the time and cost estimate is a period for thoroughly testing the equipment using various powder charges at various depths. The successful completion of this program would indicate a similar application to many other areas where buried channels are thought to exist.

I hope this is of interest to you and if you would like to discuss this further, please contact me at your convenience.

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc
map
cost estimate
claim plat

RECEIVED
APR 12 1968
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

WYLIE ASSOCIATES
CHAGVAN PROSPECT
ESTIMATED COSTS PROPOSED SEISMIC PROGRAM:

3400	Lease Seismic Equipment; recorder, exploder timer, jugs, cables, etc.	$3400.00
1400	Explosives: blasting caps and dynamite	2000.00 x70% = 1400.00
		1400.00
1400	Personal: 2 men, $35./day, 30 (20) days	2100.00
	Supervisor 1 month	750.00
	CONSULTANT: 1 man Alaska Geophysical & Interpretation	3500.00 70% = 2,450.00
400	Transportation: Equipment air freight round trip	400.00
140	Explosives air freight one way	~~200.00~~ x.70% = 140.00
	Supervisor round trip	450.00
	Consultant round trip plus expenses	250.00
	Room & Board; Supervisor $10/day, 30 days	300.00
		400.00
400	Truck, Weasel, lease vehicles 30 (20) days @ $10./each	600.00
253	Office Supplies, recording film, records, printing	400.00 = 200.00
	TOTAL ESTIMATED COST:	$14350.00

7393 = 34%

(24.5 days)
100 | 2450
200
500
500

OUTLINE OF PROPOSED PROGRAM:

Shoot profiles 1 through 6 as shown on the attached map starting with profile #1. Adjust or alter location and length of other profiles if desired as data is received.

PROFILE	ESTIMATED LENGTH	ESTIMATED SHOT POINTS
#1	9700'	17
#2	3800'	7
#3	6000'	11
#4	4400'	8
#5	3200'	6
#6	5000'	9
TOTALS:	32100' shooting	58 shot points
	6.1 000	

RECAP:

Number Profiles	6	Estimated Cost:	34%
Length Coverage	6.1 miles	Per 1000' profile	$447.
	32100 feet	Per mile profile	$2352.
Number Shot Points	58	Per shot point	$247.
		Total Est Cost	$14350.

WYLIE ASSOCIATES: NEW PLACER CLAIMS

CHAGVAN PROSPECT

NAME	STAKED	RECORDED	BOOK	PAGE	BETHEL SERIAL NO.
S-2 Above	8-12-67	8-25-67	5	131	67-114
T-1 Above	8-11-67	8-25-67	5	132	67-115
T-2 Above	8-11-67	8-25-67	5	133	67-116
U Above	8-11-67	8-25-67	5	134	67-117
U-1 Above	8-11-67	8-25-67	5	135	67-118
U-2 Above	8-11-67	8-25-67	5	136	67-119
V-1 Above	8-11-67	8-25-67	5	137	67-120
MAPS FILED SHOWING ABOVE CLAIMS					
		8-25-67	5	128	67-111

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

February 13, 1968

Wylie Associates
P.O. Box 208
Aptos, California 95003

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Dear Mr. Wylie:

In reply to your letter of February 8, 1968, I would be pleased to meet with you to discuss your proposal for additional work on the Chagvan property. Only $15,439.35 has been expended to date on the subject contract, out of the $72,800.00 provided, leaving a balance of $57,360.65. This amount should be ample to cover the additional work you have in mind. The additional area could readily be incorporated into the existing contract and the estimated costs of the geophysical work could be provided for by amendment. We cannot consider terminating the existing 50 percent participation contract and replacing it with a 75 percent participation contract to do the same type of work in the same area.

If you have any questions please call me or drop by the office so we can discuss them.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

cc: Chief, OME, WDC
Dir RF
ACG RF
MP RF
Docket
HKStager:mlb
2-13-68

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

GEOLOGIST

LICENSED MINERAL, OIL AND GAS BROKER

February 8, 1968

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

Dear Mr. Stager:

This is to let you know our present thinking concerning our OME Contract 6583-#2238, and a proposal for new work.

Our drilling this past summer appears to have located the ancient Salmon River Bench Channel and further indicated that it had been glaciated, effectively removing the weathered gravels. The most attractive area of interest now lies to the east of our line of core holes which is likely to be less glaciated.

It is our thinking that this finding should be further investigated and since a substantial portion of the attractive area lies outside the area of the present contract, it might include setting up a new contract. We have in mind a 75%-25% participation contract.

It is thought that the most desireable method to delineate this channel would be the use of a small portable seismic device followed by the drill. If satisfactory results are recovered from the seismic considerable areas could be covered and much information could be gained to guide the drill.

If you feel this program is of interest, I will be happy to prepare a proposal. If you have any questions or you wish to discuss it I will be happy to meet with you at your convenience.

RECEIVED
FEB 12 1968
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

JRW/nc

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

MME FORM 60
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OME-0523
Contract No. 14-23-090-2279
Contract Amount $ 72,000.00
Gov't. Participation % 50 $ 36,400.00
Mineral(s) Platinum-Gold

OPERATOR'S MONTHLY VOUCHER

For Month of September 1967

Operator's Name WYLIE ASSOCIATES
Address P. O. BOX 205, APTOS, CALIFORNIA 95003

COST CATEGORIES	FOR OPERATOR'S USE: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	FOR GOVERNMENT APPROVAL ONLY: MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling 411' @ $9.10/ft	3744.65	9254.70	12,999.35			
(2) Personal Services:						
Supervision & Technical	750.00	1500.00	2,250.00			
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks		10.00	10.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes						
Employee's Liability Ins.						
Office Expense	60.00	120.00	180.00			
TOTALS	4554.65	10884.70	15,439.35			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date Oct. 2, 1967 * Payee WYLIE ASSOCIATES

Per Jas R Wylie Title PARTNER

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2,277.33 14X0804

Signature (Authorized Certifying Officer)

Date OCT 18 1967 Vou. No. 82967

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2238

Signature [illegible] Title Field Officer Date OCT 3 1967

Approved by OME Executive Officer or Alternate: OME Region II

Signature [illegible] Title Field Officer Date OCT 3 1967

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of SEPTEMBER, 1967 Docket No. OMS-6583

Operator's Name WYLIE ASSOCIATES Contract No. 14-23-090-2239

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	DEPTH	411'6"	1428'6"	15,439.35	411.5	1,428.5'	$ 15,439.35
Percussion							
Miscellaneous							
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				15,439.35			$ 15,439.35

REMARKS

(Continue on back)

REMARKS

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date October 2, 1967 Operator WYLIE ASSOCIATES

Per James K. Wylie Title PARTNER

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature H. R. Stager

Title FIELD OFFICER REGION II
Government Representative

Date OCT 3 1967

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

WEIR ASSOCIATES
P. O. Box 208,
Aptos, California 95003
October 2, 1967

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

OME-6583
#2238

Dear Mr. Stager:

Following is a summary of the accomplished in September 1967, compiled with previous work. Attached is a core description of the 3 wells drilled in September, a certificate of Supervision, and a revised copy of the section and structure maps.

PROGRESS
Fifteen holes totalling 1428' have been drilled to date. Of these, 3 holes and 411' were drilled in September. Drilling operations continued using the Goodnews Bay Mining Company rig and crew as described in the July report.

HOLES
The following holes were drilled in September 1967:

Chagvan	#13	151'	Total Depth		
	#14	125'	" "		
	#15	135'6"	" "	Total	411'6"

Total Footage to Date 1428'6"

GEOLOGY
As indicated on the attached section map, holes #11, 12, 13, 14 and #15 appear to adequately define the channel feature. In keeping with the channel profiles to the north on Salmon River, this feature has a steeper slope on the north and west bank than to the south. Spacing of the holes is 400' and it is thought that the deepest portion of the channel is located between holes #12 and #13 as indicated on the map.

RESULTS
This feature appears to be the southerly extension of the main Salmon River Bench Channel on which, because of its depth, the Goodnews Bay Mining Company stopped dredging 5 years ago. Decomposed bedrock has been located in the lowermost portions of the channel which is similiar to the dredged portion to the north.

The paystreak at the dredged portion is 400' wide. Our spacing should have located this paystreak in our #12 or #13 holes if it existed. This was not done although decomposed bedrock was located in both holes. It might be thought that the channel narrows considerably on it's east-west course through a gap in the relatively high bedrock area. If this is the case a paystreak of 200' width may be located between holes #12 and #13. On the other hand, the channel may have been gouged out by a glacier similiar to the gouging in the Salmon River Channel to the north.

SUMMARY
Additional effort should be concentrated to the east where depths are shallower and the possibility of glacial action is less. Use of a refraction seismic survey should be considered to assist in locating future drill holes.

James R. Wylie

RECEIVED

OCT 3 1967

OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

OMB-6583
WYLIE ASSOCIATES
CHAGVAN PROSPECT
BETHEL RECORDING DISTRICT, ALASKA
CONTRACT #2238

Re: September 1967 VOUCHER
SUPERVISION

I certify that I, James R. Wylie, was at Platinum, Alaska, during the period September 12, through and including September 25, and that during this period composed of 14 drill working days, I supervised the drilling operations. From the period September 26 through September 29 inclusive, the drill crew operated 4 days. These operations were supervised for the account of Wylie Associates, by Mr. Joseph Disher, a graduate mining engineer who was present at Platinum, Alaska during this period.

The drill crew operated at total of 18 working days in September 1967.

James R. Wylie

WYLIE ASSOCIATES

CHAGVAN #13

Elev. Ground	49'9½"
Total Depth	151"
Top Bedrock	148'
Spud	9-12-67
Abd.	9-18-67

DEPTH	# FEET	FORMATION
0'- 2'	2'	Muck
2'- 21'	19'	GRAVELLY SAND, Gray green, some blue, fine to coarse grained to 2" diam, some clayey, loose, very poor Heavy Mineral (HM), No Colors (NC)
21'- 34'	13'	BLUE CLAY, medium to dark Blue, silty, sticky, fine sandy, VPHM, NC
34'- 41'	7'	GRAVELLY SAND, dark gray, fine to coarse grained, medium fine sandy, some blue gray clay, VPHM, NC
41'- 47'	6'	BLUE GRAY CLAY, Medium blue, sandy occassional gravel, VPHM, NC
47'- 57'	10'	GRAVELLY SAND, dark tan, fine to coarse grained, medium to fine gravel, occ 2" water at 53', VPHM, NC
57'- 85'	28'	DARK BLUE CLAY, STICKY, SANDY, some fine to coarse gravel, wood frags @ 81' ½"diam, 1" long, VPHM, NC
85'-95'	10'	GRAVEL, dark gray clay matrix, some sand fine to medium gravel, water @ 86"PHM,NC
95'-106'	11'	GREEN CLAY, gray green, sticky, some silt, sandyat bottom VPHM, NC
106'-144'	38'	GREEN SAND, light green color, some gray, medium-coarse grained, some fine-medium gravel, rare tan clay,@ top, sloughing @ 108', PHM,NC
144'-148'	4'	CLAYEY SAND, light tan, fine to coarse sand, occ fine gravel, light yellow quart fragments, sticky, PHM, ~~1 Platinum fine~~
148'-151'	3'	BEDROCK, decomposed, 1'white quartz ang frags, light yellow green schist frags with black streaks, crumbly, hard to soft

TOP BLUE CLAY	21'
BASE BLUE CLAY	85'
TOP BEDROCK	148"
Subsea	-98'3"

PANNED BY: MOSES KILBUCK
DESCRIBED BY: JAMES R. WYLIE

WYLIE ASSOCIATES

CHAGVAN #14

Elev. Ground	40'1"
Total Depth	125'
Top Bedrock	123'
Spud	9-18-67
Abd.	9-22-67

DEPTH	# FEET	FORMATION
0'- 6'	6'	MUCK and dark brown clay
6'- 17'	11'	CLAY, dark brown, occassional sandy, fine gravel, Very Poor Heavy Minerals (HM), No Colors (NC)
17'- 26'	9'	BLUE CLAY, sticky, silty, VPHM, NC
26'- 47'	21'	MEDIUM GROWN GRAVEL SAND, silty, medium to coarse gravel, fine to coarse sand, clayey, fair HM at 41' NC
47'- 89'	42'	BLUE CLAY, sticky, silty, some fine to medium gravel, soft VPHM, NC
89'-100'	11'	GRAY GREEN CLAY, sticky, silty, soft VPHM, NC
100'-123'	23'	GRAVELLY SAND, medium green-tan blue at 118', clean, fine to coarse grained, gravel, medium to coarse sand, fair HM, 5 fine Gold (3NG) 1 fine Platinum at 122'6"
123'-125'	2'	BEDROCK, greenstone, hard, fair HM NC

TOP BLUE CLAY	17'
BASE BLUE CLAY	89'
TOP BEDROCK	123'
Subsea	-83'

PANNED BY: MOSES KILBUCK
DESCRIBED BY: JAMES R. WYLIE

WYLIE ASSOCIATES

CHAGVAN #15

Elev Ground	72'7"
Total Depth	135'6"
Top Bedrock	131'
Spud	9-22-67
Abd.	9-28-67

DEPTH	# FEET	FORMATION
0'- 1'	1'	MUCK
1'- 39'	38'	GRAVEL SAND, clayey, medium brown, hard, 1"-2" gravel, Poor Heavy Minerals (HM), No Colors (NC)
39'- 41'	2'	CLAY, yellow brown, sandy, VPHM, NC
41'- 99'	58'	BLUE CLAY, sticky, silty, gravelly @ 68', soft drilling, darker at Bottom, VPHM, NC
99'-106'	7'	CLAYBY SAND, dark brown, sticky, several 1" wood fragments gravelly at 102'
106'-116'	10'	SAND, light blue gray clay matrix, gravelly, hard drilling,
116'-126'	10'	CLAY dark gray, sticky, VPHM, NC
126'-131'	5'	SAND, gravelly, some clay, green, fine to coarse grained, PHM, NC
131'-135'6"	4'6"	BEDROCK, greenstone, and light green clay, greenstone is hard, light to dark green, PHM, NC

TOP BLUE CLAY	41'
BASE BLUE CLAY	116'
TOP BEDROCK	131'
Subsea	-58'5"

PANNED BY: MOSES KILBUCK
DESCRIBED BY: JAMES R. WYLIE

MME FORM 60
SEPT. 1959

OFFICIAL COPY
M. E.
RECEIVED
SEP 15 1967
INITIALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Docket No. OMB - 6583
Contract No. 14-23-090-2238
Contract Amount $ 72,000.00
Gov't. Participation % 50 $36000.00
Mineral(s) Platinum-Gold

OPERATOR'S MONTHLY VOUCHER

For Month of AUGUST 1967

Operator's Name WYLIE ASSOCIATES
Address P. O. BOX 208, AUTOS, CALIFORNIA 95003

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling 410 659.10/ft	3731.00	5523.70	9254.70			
(2) Personal Services:						
Supervision & Technical	750.00	750.00	1500.00			
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks	-0-	10.00	10.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes						
Employee's Liability Ins.						
~~Office Expense~~	~~120.00~~	~~120.00~~	~~.00~~			
Office Expense	60.00	60.00	120.00			
TOTALS	4541.00	6343.70	10884.70			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date AUGUST 31, 1967 *Payee WYLIE ASSOCIATES

Per James R. Wylie Title PARTNER

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 2,270.50 14X0804

Signature (Authorized Certifying Officer)

Date SEP 12 1967 Vou. No. 82125

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2238

Signature H K Flager Title FIELD OFFICER Date SEP 1 1967

Approved by OME Executive Officer or Alternate: OME REGION II

Signature H K Flager Title FIELD OFFICER Date SEP 1 1967

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of AUGUST 1967 Docket No. OME -6583

Operator's Name WYLIE ASSOCIATES Contract No. 14-23-090-2238

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn							
~~Percussion~~	feet	410'	1017'	$10884.70	410	1017	$10,884.70
Miscellaneous							
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				$10,884.70			$10,884.70

REMARKS

(Continue on back)

REMARKS

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date August 31, 1967 Operator WYLIE ASSOCIATES

Per James R. Wylie Title PARTNER

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature H. B. Rogers

Title FIELD OFFICER, OME REGION II
Government Representative

Date SEP 1 1967

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

BUDGET & FINANCE
SEP 7 10 19 AM '59
651533

Wyli Associates
P. O. Box 208,
Aptos, California 95003
August 31, 1967

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

OME-6583
#2238

Dear Mr. Stager:

Following is a summary of the work accomplished in August 1967 with a compilation to date together with a few comments concerning the geology. Attached is a core description of each well, a certificate of supervision, two sections and a contour map on bedrock.

PROGRESS
Atotal of 12 holes totalling 1017' have been drilled todate. One fine grain of Platinum and 3 fine grains of gold were uncovered in gravels in an apparent channel located in hole #12.

MANNER OF DOING WORK
Drilling operations continued using the Goodnews Bay Mining Co drill and crew as described in the July report. The work is being carried on as described in that report.

HOLES
The following holes were drilled in August:

Chagvan #9	85' 2"	Total Depth	
#10	82' 6"	" "	
#11	72' 1"	" "	
#12	170'	" "	Total 409' 9"

Total Footage to Date 1017'

GEOLOGY
As indicated on the sections, holes #1 through #11 indicated a stable glaciated bedrock gently dipping southward. These holes, aligned in a north-south direction cover an area greater than 7000'and preclude the possibility of a channel breakout to the ocean in the area. Hole #12 topped bedrock 60' below the level of the other holes and uncovered a gravel and clay interval below the blue clay which may represent an ancient channel. Greenstone bedrock was located at 169' however it is thought that the possible effective bedrock may be 15' higher at 154' (-90'11"ss) on a clay or decomposed bedrock. The map indicates how the apparent channel may connect with the main bench channel which GNBMC dredged to the north.

It is believed that the deepest part of the channel lies south of hole #12 however it is recognized that little evidence is available and it could lie to either side. The two wells drilled by Freemont Mining 3 years ago appear to limit the channel to the north. GNBMC drilled a 20' hole near the Salmon River (on section) which indicates a substantial high to the north of Hole #12.

RESULTS

It is thought that a significant geological discovery has been made in Hole #12. The extent and meaning of this new data has not yet been determined. ONEXC located and staked their channel as shown on the map in 1948. Since that time the channel "ocean breakthrough" has remained hidden and thus has limited exploration on the entire bench channel. The working depth of the apparent channel as located on Wylie Associates ground is deep and it should be recognized that only a pay streak of substantial proportions would warrent mining operations.

PROGRAM

It is planned to drill a few holes in the vicinity of hole #12 to attempt to define the size and shape of the apparent channel and possibly locate a significant pay streak.

Sincerely,

James R. Wylie
WYLIE ASSOCIATES

JRW/nc

RECEIVED
SEP 1 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

OMB -6583
WYLIE ASSOCIATES
CHAGVAN PROSPECT
BETHEL RECORDING DISTRICT, ALASKA
CONTRACT No. 2238

Re: AUGUST 1967 VOUCHER
Supervision

Icertify that I, James R. Wylie, was at Platinum, Alaska, during the period August 1 through and including August 14, and that during this period composed of 14 drill working days, I supervised the drilling operations. From the period August 15 through August 25 inclusive, the drill crew operated 11 days. These operations were supervised for the account of Wylie Associates, by Mr. Joseph Fisher, a graduate mining engineer who was present at Platinum, Alaska during this period.

The drill crew operated a total of 25 working days in August 1967.

James R. Wylie

James R. Wylie

WYLIE ASSOCIATES

CHAGVAN #9

Elev. Ground 28'6"
Total Depth 85'2"
Top Bedrock 83'
Spud 7-30-67
Abd. 8-1-67

DEPTH	# FEET	FORMATION
0' - 1'	1'	Muck
1' -21'	20'	SANDY GRAVEL, light tan, medium to coarse grained, well rounded, clean hard packed, poor Heavy Mineral (HM) No Colors (NC)
21'-62'	41'	BLUE CLAY, sticky, sandy, gravel streaks @ 40' & 46', darker blue @ 40', grayer at bottom, very poor HM, NC
62'-83'	21'	GREENISH SAND, medium to coarse grained, hard,packed, gravelly, gravel streak at 73', tan clay at 76'-78', water and sloughing at 73' and 78', dark blue color at 79', very poor HM, NC
83'-85'2"	2'2"	BEDROCK, greenstone, hard, pyrite, NC

TOP BLUE CLAY	21'
BASE BLUE CLAY-TOP SAND	62'
TOP BEDROCK	83'
Subsea	-54'6"

PANNED BY: SAM FOX
DESCRIBED BY: JAMES R. WYLIE

WYLIE ASSOCIATES

CHAGVAN #10

Elev. Ground 27'2"
Total Depth 82'6"
Spud 8-2-67
Abd. 8-4-67

DEPTH	# FEET	FORMATION
0'- 2'	2'	MUCK
2'-19'	17'	GRAVEL, light tan, very sandy, clean, medium to coarse grained, Poor Heavy Minerals (HM), No Colors (NC)
19'-28'	9'	GRAVEL, light tan, sandy, clayey, much finer, very poor HM, NC
28'-52'	24'	BLUE GRAVEL CLAY, medium blue, very sandy, very poor HM, NC
52'-58'	6'	BLUE CLAY, very dark, sandy, sticky, very poor HM, NC
58'-81'	23'	SAND, blue green gray, gravelly, hard packed, water and sloughing a very poor HM, NC
81'-82'6"	1'6"	BEDROCK, greenstone, hard, NC

TOP BLUE CLAY	28'
BASE BLUE CLAY	58'
TOP BEDROCK	81'
Subsea	-53'10"

PAINTED BY: SAM DOE
DESCRIBED BY: JAMES R. WYLIE

WYLIE ASSOCIATES

CHAGVAN #11

Elev. Ground	23'7"
Total Depth	72'1"
Spud	8-6-67
Abd.	8-8-67

DEPTH	# FEET	FORMATION
0'- 2'	2'	MUCK
2'-13'	11'	CLAY, light tan, very sandy, very gravelly, poor Heavy Minerals (HM) No Colors (NC)
13'-34'	21'	SAND, gravelly, light tan, somewhat clayey, very poor HM, NC
34'-64'	30'	BLUE CLAY, grayish, darker at bottom, sticky, sandy, very poor HM, NC
64'-70'	6'	SANDY GRAVEL, light tan, some clayey, fine to medium grained, very poor HM, NC
70'-72'1"	2'1"	BEDROCK, greenstone, hard, dark green, streaked light green, NC

TOP BLUE CLAY	34'
BASE BLUE CLAY	64'
TOP BEDROCK	70'
Subsea	-46'3"

PANNED BY: SAM DOK
DESCRIBED BY: JAMES R. WYLIE

UYLIE ASSOCIATES

CHAGVAN #12

Elev. Ground	63'1"
TOTAL DEPTH	170'
Spud	8-8-67
Abd.	8-18-67

DEPTH	FEET	FORMATION
0'- 3'	3'	MUCK, Clay
3'-33'	30'	SAND, light tan, gravel, medium to coarse grained, somewhat clayey, soft, very poor Heavy Minerals (HM), No Colors (NC)
33'-47'	14'	BLUE CLAY, sandy, sticky, dark blue, some gravel, very poor HM, NC
47'-77'	30'	GRAVELLY BLUE CLAY, DARK BLUE, LIGHTer to gray at 60', sandy, sticky, occassion blue sand streaks, very ppor HM, NC
77'-96'	19'	BLUE CLAY, dark blue, sticky, occ, brown soft silt pebbles, at 90', very poor HM NC
964-105'	9'	BLUE GRAY CLAY, sandy, silty, soft, sticky, fair HM, NC
105'-130'	25'	GREEN CLAY, light green color, sticky, silty, fair HM, NC
130'-147'	17'	GRAVELLY SAND, medium to coarse grained, medium tan, somewhat clayey, fine,medium, coarse grained gravel, fair rounded, fair HM, 3 fine GOLD, 1 fine PLATINUM at 132'-137'
147'-154'	7'	CLAY, light tan, some fine-medium grain sand, rare gravel, fair HM, NC
154'-169'	15'	CLAY, light tan, mustard color, occ, angular pebbles, hard to drive, very poor HM, considerable, black non magnetic HM -Chromite, NC, Fanner thinks is decomposed bedrock.
169'-170'	1'	BEDROCK, greenstone, hard, olivine, NC

TOP BLUE CLAY	33'
BASE BLUE CLAY	105'
TOP BEDROCK	169'
Subsea	-105'11"

PANNED BY: SAM FOX
DESCRIBED BY: JAMES R. UYLIE

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

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 1967
MAILING CODE
gla 120 m
~~110~~
120 P

August 23, 1967

Wylie Associates
P.O. Box 208
Aptos, California 95003

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Dear Mr. Wylie:

This letter will confirm the verbal authorization I gave you on August 21, 1967, to drill an additional 1,000 feet of test holes, under Stage II of the subject contract, to explore the apparent channel found by Hole No. 12.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

cc:
Chief, OME, WDC (2)
Dir RF
ACG RF
MP RF
Docket
HKStager:mlb
8-23-67

James R. Wylie

WYLIE ASSOCIATES
P. O. BOX 208,
APTOS, CALIFORNIA 95003
AUGUST 22, 1967

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

Dear Mr. Stager:

In line with our discussion yesterday, we propose to extend our drilling efforts on the Chagvan Prospect under OME-6583, #2238.

Our last core hole, Chagvan #12, was approximately 50' deeper than the other holes subsea and encountered a possible ancient unglaciated channel. This may be the continuation of the bench channel which was dredged by the Goodnews Bay Mining Company to the north.

The map and sections handed you yesterday show the locations of all known drill holes and the approximate position and relationship of the new channel. Several holes on a cross profile to the anticipated channel on a 100' or 200' spacing should define the low feature and may locate a significant bench pay streak.

It is proposed to drill a second series of holes totalling an additional 1000'. If this is compatible with your thinking and meets with your approval it is requested that we be allowed to proceed with the 2nd 1000' of drilling under the terms of our contract. We would intend to proceed in the very near future.

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW/nc

RECEIVED
AUG 23 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

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

OFFICIAL
COPY
O. M. E.
RECEIVED
AUG 11 1967
INITIALS | CODE
gla | 120 M
gl | 110
RP | 120 P

August 10, 1967

Voucher + B + 7
8/7/67

Mr. James R. Wylie
c/o Goodnews Bay Mining Co.
Platinum, Alaska 99651

Re: OME-6583 (Platinum Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Dear Mr. Wylie:

Your July voucher and monthly report were received on August 4, 1967 and forwarded to Washington, D.C. for payment on that date.

Lacking from the supporting data for the voucher were supporting documentary evidence for the $750 claimed for supervision and the $10 claimed for sample sacks. Will you please send me, as soon as possible, a certified statement showing that you were on duty full-time as supervisor for the month of July and an original or certified copy of an invoice, statement, purchase order, or warehouse receipt for the sample sacks.

Also be sure to provide similar supporting documentary evidence with future vouchers.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

cc: Chief, OME, WDC
Budget & Finance WDC
Dir RF
ACG RF
MP RF
Docket
HKStager:gtt 8-10-67

RECEIVED
JUL 31 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

OFFICIAL MAIL
O. M. E.
RECEIVED
AUG 2 1967

INITIALS	CODE
Jlg	120
JJ	110
HK	120
(Peterson)	

Wylie Associates
% Goodnews Bay Mining Co
Platinum, Alaska

July 27, 1967

OME-6583

Mr. H. K. Stager
Field Office, OME
345 Middlefield Road,
Menlo Park, Calif, 94025

Dear Mr. Stager:

Thank you for your letter of July 24th received today. You may be interested in information about the crew and equipment. We are using a Bucyrus Armstrong rig driving and pulling 6" casing. The rig, dog house, water tank, pipe rack and fuel rack all are on sleds. In addition we have a weasel, D-6 cat, Bead Buggy, Truck. The 3 man crew consists of Driller, Drill Helper, Pumper + works a 10 hour day.

To date we have completed 6 holes and are now drilling the 7th. All are barren and have approximately the same depth to bedrock. The spacing between 5-6-7 + 8 is 800' which is a bit wide however broader coverage is achieved and we can infill if desired.

We have been careful to stay more than 100' from the claim boundaries however for protection we have staked the area in yellow.

Chaqvan #3 elev: 28'-6", T.D 78'-3", Top Bedrock 77'
Black, dvk green streaks, v hard.
No colors

Chaqvan #4 elev: 28'-2", T.D. 77'-6", Top Bedrock 76', Lt to med
green streaked, greenstone, crystalline.
No colors

Chaqvan #5 elev: 29'-½", TD 78'-6", Top Bedrock 76', greenstone,
Schist, quartz Dike, No colors except
1 gold grain @ 23'.

Chaqvan #6 elev 29'5", TD 76'-6", top Bedrock 75', greenstone,
lt to dvk green, No colors.

This result has been extremely discouraging to date except for the fact that we are dealing with a fairly shallow bedrock. I propose to drill #7, 8 & #9 as located and if unfavorable results to then continue northward. To date we have drilled a total of 472'3" in the 6 holes

Sincerely,
James R. Wylie

U. GEOLOGICAL SURVEY

(OME-6583)

(Platinum-Gold)

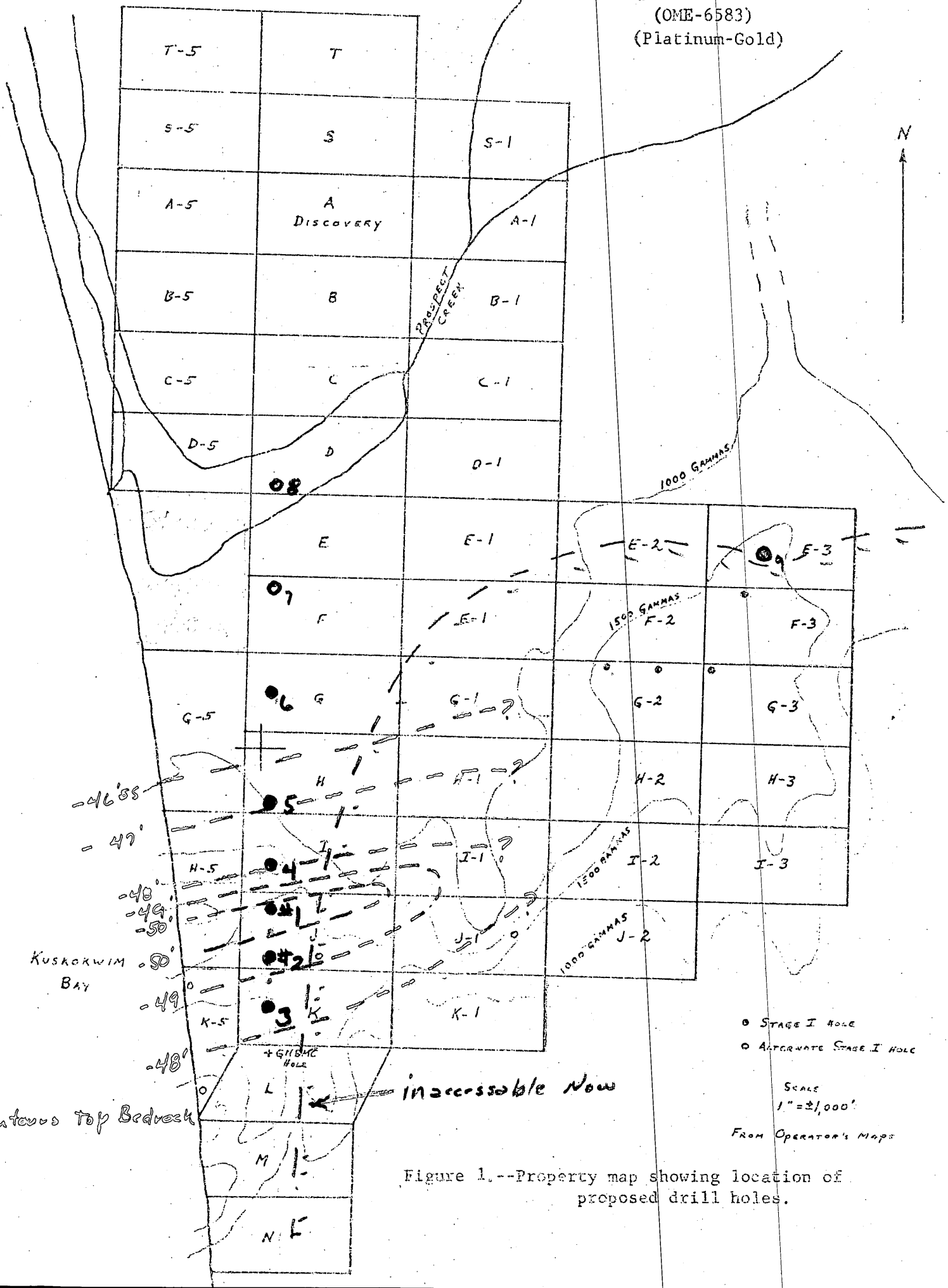


Figure 1.--Property map showing location of proposed drill holes.

OFFICIAL COPY

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

July 24, 1967

Mr. James R. Wylie
c/o Goodnews Bay Mining Co.
Platinum, Alaska 99651

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Dear Mr. Wylie:

Enclosed are 12 copies of Figure 1 (Property map showing location of proposed drill holes) per your request in letter of July 17, 1967.

I am pleased that the drilling is underway, but disappointed, of course, in the unfavorable results in holes Nos. 1 and 2. I approve of your decision to drill the holes on a 400-foot spacing, and if hole No. 3 indicates the same bedrock features as Nos. 1 and 2 then your holes Nos. 4 and 5 to the north should give a good indication of a channel if one exists to the north of the bedrock high.

Please keep me posted on your progress and findings.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosures

cc: Chief, OME, WDC ✓
Dir RF
ACG RF
MP RF
Docket
HKStager:mlb 7-24-67

RECEIVED
JUL 24 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

Lyle Associates
c/o Goodnews Bay Mining
Platinum, Alaska
July 17, 1967

OME - 6583

Mr. H. K. Stager
US Dept Interior
345 Middle Field Road,
Menlo Park, Calif 94025

Dear Mr. Stager.

This is by way of keeping you informed of our progress and our desire to revise the direction of the program based on the acqu information.

To date we have drilled 2 holes and are now drilling the 3rd.

Chogran #1 elev 28'-6", TD 81', Top Bedrock 79' greenstone no gravel, no color.

Chogran #2 elev 28'-6", TD 80'-6", Top Bedrock 78' Black-white or schistose appearance, no color.

you will note that we are on a 400' spacing and there seem to be little reason at this point to infill to 200' spacing. these 2 wells indicate that the intense mag highs are a result of a change in bedro and not a heavy mineral placer concentration. It therefore seems th we should place more emphasis on smaller anomalous features to the north for we have definitely located a ~~bed~~ high bedrock featu which probably trends North east per the mag high.

(Plati n-Gold)
Wylie Ass iates

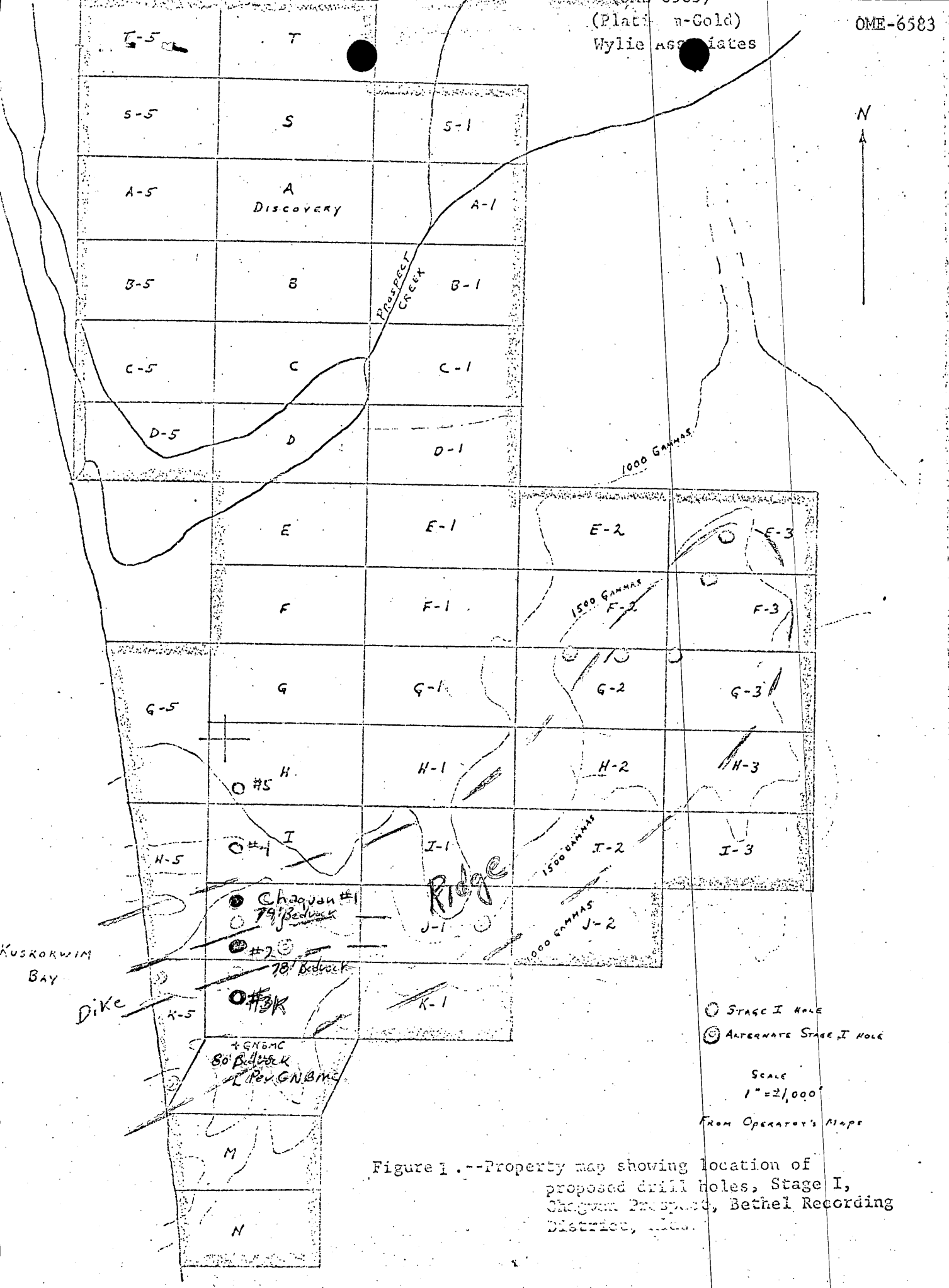


Figure 1.--Property map showing location of proposed drill holes, Stage I, Chagvan Prospect, Bethel Recording District, Alaska.

MME FORM 60
SEPT. 1959

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 17 1967
INITIALS CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S MONTHLY VOUCHER

For Month of JULY 1967

Docket No. OMB - 6583
Contract No. 14-23-090-2238
Contract Amount $72,800.00
Gov't. Participation % 50 $36,400.00
Mineral(s) Platinum-Gold

Operator's Name WYLIE ASSOCIATES
Address P. O. BOX 208, ARCOS, CALIFORNIA 95203

COST CATEGORIES	FOR OPERATOR'S USE			FOR GOVERNMENT APPROVAL ONLY		
	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE	MONTHLY TOTAL	PREVIOUSLY REPORTED	TOTALS TO DATE
Fixed Unit Costs and						
(1) Independent Contracts:						
Bulldozing						
Drifting						
Crosscutting						
Drilling 607' @ 9.10	5523.70	-0-	5523.70			
(2) Personal Services:						
Supervision & Technical	750.00	-0-	750.00			
Outside Consultants						
Labor						
(3) Operating Mat'l. & Supplies:						
Timber						
Explosives						
Pipe						
Rail						
Sample Sacks	10.00	-0-	10.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehab. & Repairs:						
Buildings, Fixtures, etc.						
Operating Equipment						
(6) New Buildings, Fixtures, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Analytical Work						
Payroll Taxes						
Employee's Liability Ins.						
OFFICE EXP.	60.00	-0-	60.00			
TOTALS	6343.70	-0-	6343.70			

I certify that the above bill is correct and just and that payment therefor has not been received.

Date August 2, 1967 *Payee WYLIE ASSOCIATES

Per James R. Wylie Title PARTNER

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

(INSTRUCTIONS ON REVERSE)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$3,171.85 14X0804

Signature JDM
(Authorized Certifying Officer)

Date AUG 17 1967 Vou. No. 81339

(SEE OTHER SIDE)

Certification by Government Representative:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating an exploration project in accordance with the terms of Contract No. 2238

Signature H K Stager Title FIELD OFFICER Date AUG 4 1967

Approved by OME Executive Officer or Alternate: OME REGION II

Signature H K Stager Title FIELD OFFICER Date AUG 4 1967

OPERATOR'S MONTHLY REPORT

The Operator, under an Office of Minerals Exploration contract, is required to report monthly to the Government. The report consists of three parts.

FIRST, the Operator's Monthly Voucher on MME Form 60 listing the project costs incurred and claimed by the Operator is the voucher basis for payment of the Government's share of the cost.

SECOND, the Operator's Progress Report on MME Form 61 is a statistical report of the units and cost of of work performed under the contract.

THIRD, the Operator's Narrative Report is a concise description of the work performed, results accomplished, and any unusual situations encountered, illustrated and supported by engineering-geological maps or sketches, drill hole logs, assay reports, etc., as pertinent.

The Operator submits the original and four copies of each of the three sections of this report to the OME regional Executive Officer at the end of each month during the life of the contract.

PREPARATION OF OPERATOR'S MONTHLY VOUCHER, MME FORM 60

After all applicable spaces are filled in, the Operator or his agent must sign the certification in the lower left corner. Categories (2) through (7) apply to "Actual Cost" contracts only.

Under "Fixed Unit Costs" and Category (1) report, (a) the total fixed unit costs of work performed under contract provisions for contribution by the Government on a basis of "fixed unit costs"; and (b) the claimed costs of work performed on a unit-price basis by independent contractors.

Under Category (2) include the claimed costs of all payrolled and invoiced supervisory, technical, and labor personnel, except the costs for services applicable to Categories (5) and (6).

Under Category (3) include the claimed costs of all project materials and supplies other than those used for work under Categories (5) and (6).

Under Category (4) report claimed rentals on equipment belonging to a third party, claimed payments or obligations for payments on the Operator's purchase of equipment, and claimed depreciation for the use of Operator-owned equipment.

Under Categories (5) and (6) include all claimed costs of labor, supervision, technical services, operating materials and supplies, and all other items used in (5) the initial rehabilitation and repairs of existing buildings, fixtures, installations (exclusive of mine workings), and operating equipment; and (6) the installation or construction of new buildings, fixtures, and fixed improvements (exclusive of mine workings). Do not report these costs under Categories (2), (3), (4), and (7).

Under Category (7) include all miscellaneous claimed costs such as repairs (other than initial) and maintenance of equipment, sampling and analysis, travel, communication, accounting, office expenses, and the Operator's share of payroll taxes and insurance.

Except for amounts claimed under "fixed unit costs" provisions of the contract, all costs claimed in this voucher must be supported by documentary evidence consisting of: (a) certified copies or transcripts of payrolls which list each employee, wage rate, period of employment, gross earnings, itemized deductions, and net earnings; (b) original or certified copies of invoices, statements of accounts, or purchase orders which indicate items of materials or services, quantities, unit prices, total charges, and payment terms; and (c) certified memoranda of the Operator for such items as depreciation of Operator-owned equipment, unemployment taxes, and employee's liability insurance. The certification may be stated thus, "Certified True Copy (or Transcript)", followed by the signature of the Operator or his agent. One copy of each document should accompany the original of this voucher.

The requirement for submitting documentary evidence of claimed costs may be waived by the OME regional Executive Officer if he determines that it is impracticable for an Operator to submit this material. In any case of waiver of this requirement an "on-site" audit by an OME auditor is mandatory prior to payment of the final Operator's Monthly Voucher.

MME FORM 61
SEPT. 1959

HK 8/2/67

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

OPERATOR'S PROGRESS REPORT For Month of JULY 1967 Docket No. OMR - 6583

Operator's Name WYLIE ASSOCIATES Contract No. 14-23-090-2238

OPERATION	UNITS	FOR OPERATOR'S USE: UNITS THIS MONTH	UNITS TO DATE	COSTS TO DATE	FOR GOVERNMENT USE: APPROVED UNITS THIS MONTH	APPROVED UNITS TO DATE	APPROVED COSTS TO DATE
Drifting							
Crosscutting							
Raising							
Shafts							
Winzes							
Other Underground							
Drilling, Core-Diamond							
Rotary							
Drilling, Non-core-Diamond							
Rotary							
Churn	feet	607	607	6343.70	607	607	$ 6,343.70
Percussion							
Miscellaneous							
Roads and Trails							
Stripping							
Trenching							
Test Pitting							
Other Surface Work							
Initial Rehabilitation and Repairs							
Rehabilitation of Mine Workings							
New Buildings, Fixtures, etc.							
Operating Equipment Purchases							
Analytical Work							
TOTAL TO DATE *(per MME Form 60)*				6343.70			$6,343.70

REMARKS

(Continue on back)

REMARKS

(Continue on back)

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date August 2, 1967 Operator WYLIE ASSOCIATES

Per James K. Wylie Title PARTNER

A willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction is a criminal offense. (U.S. Code, Title 18, Sec. 1001.)

I certify that the information above is complete and accurate to the best of my knowledge and belief.

Signature H K Flager

Title FIELD OFFICER, OME REGION II
Government Representative

Date AUG 4 1967

(INSTRUCTIONS ON REVERSE)

REMARKS *(Cont.)*

REMARKS *(Cont.)*

INSTRUCTIONS FOR PREPARING OPERATOR'S PROGRESS REPORT, MME FORM 61

This report is the second of the three parts of the Operator's Monthly Report. Submit the original and four copies.

The cost for each operation should be the total of all claimed costs attributable to that type of work with two exceptions, namely—operating equipment purchased and analytical work which are stated separately. For example, drifting costs should be the total of all costs chargeable to drifting including supervision, technical services, timbering (if any), etc. Similarly, drilling costs should include the cost of cementing, reaming, core boxes, etc. This procedure of distribution holds whether the contract was written on an actual cost or a unit cost basis, or some combination of the two. Distribute the cost of such general items as supervision, equipment rented, etc. according to relative footages or on some other conventional basis. The item "Initial Rehabilitation and Repairs" covers all rehabilitation and/or repairs other than the rehabilitation of mine workings.

The item titled "Drilling, Non-core Percussion" includes all drilling performed with wagon, jack-hammer, stoper and mounted drills. The several items labelled "Other" are provided to take care of particular exploration operations not specified on this form.

Wylie Associates
P. O. Box 208,
Aptos, California 95003
August 2, 1967

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

CMB-6583
#2238

Dear Mr. Stager:

Following is a summary of the work to date together with a description of how the work is being accomplished, a description of the results to date and a proposal for proceeding keeping in mind the newly acquired information. Attached are 5 copies each of Form #60 and #61, core descriptions from the eight wells completed to date, a north south stratigraphic section and a plat showing the location of the holes.

EQUIPMENT
The work is being done using a contract rig and crew supplied by the Goodnews Bay Mining Company. A Bucyrus-Armstrong skid mounted steel spudder rig is augmented by a pipe sled, dog house sled, water tank sled and a fuel sled. All sleds cross the tundra easily when pulled by a D-6 tractor. A D-8 was used to move in equipment to the location. In addition, a 2 wheel drive utility truck, a 4 wheel drive beach truck, and a weasel are used for personel and equipment support.

CREW
A driller, drill helper, and panner make up the crew in addition to the supervisor. The drill helper and panner are native eskimo's from the villages of Platinum and Goodnews Bay. The crew stays in the Goodnews Bay Mining Camp and travels each day to work.

MANNER OF DRILLING
As each hole is drilled 6"ID casing having a 7" drive shoe is driven ahead. The core is then drilled out inside the casing and bailed to the surface. At the shallower levels drives of 6' are made while at depth, shorter drives of 2' and 3' are made before drilling and bailing. When bedrock is reached, casing is pulled using a bottom hole puller and a top puller when necessary. Each hole is permanently marked with a crossed stick.

PANNING
All of the material taken from the hole is measured and then put through the rocker box where it is screened and the heavy minerals separated. The heavies are then panned so that only black sands remain which is further repanned to the heaviest particles. All of the black sands and the heavy residue is bottled.

SAMPLING
Ten foot samples are collected from each hole from 10' to 40'. Below 40', 5' samples are collected. All are stored in 5"x8" bags properly labeled. In addition, two separate bedrock samples are taken.

FOOTAGE
To date 8 holes have been drilled totalling 607'9".

HOLES
The core descriptions indicate the footage drilled and the character of formation for each hole.

Chogvan #1	81' Total Depth
#2	80'6"
#3	78'3"
#4	77'6"
#5	78'6"
#6	76'6"
#7	78'
#8	57'6"

As indicated by the section, the bedrock dips gently southward from the lagoon to and across the intense high magnetic feature. There are apparently few if any interruptions for it is thought that the spacing is sufficient to locate a channel of significant size.

As evidenced by the blue clay, the entire area has been glaciated to bedrock. Any sediments in place at that time were removed with the possible exception that a channel may possibly have escaped severe gouging depending on the direction of ice movement in relationship to the channel. It is interesting to note that soft wood fragments have been noted immediately above bedrock in several holes.

MAGNETICS
Holes #1, #2, #3 were drilled across the intense magnetic high feature and indicated little change in bedrock depth and eliminating the possibility of a channel. A distinct variation in bedrock lithology was observed in these three wells from Greenstone to a black igneous dike material. Holes drilled to the north on smaller magnetic highs indicated no bedrock change in elevation.

PROGRAM
The magnetic high features appear to have been adequately tested so that additional holes on these features do not seem warranted. It is however reasoned that a magnetic low feature should be evaluated for comparison. With this in mind a hole is programmed at the southernmost boundary of the claims in order to evaluate the gamma range of 500 to 700 gamma and also to determine if a channel feature may be located south of the high magnetic dike rather than to the north.

Following, it is then thought that additional holes should be spaced approximately 800' to 1000' in a northerly direction in order to locate a cross channel.

Suggestions, comments or advice on the manner in which to proceed would be greatly appreciated.

RECEIVED
AUG 4 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

Sincerely,

James R. Wylie

James R. Wylie
WYLIE ASSOCIATES

JRW

It seems possible that a channel feature could be u
the north of this ridge - connecting up with the Goodnews Chan
in line with our original ideas.

Since I probably will not hear from you until we have
drilled the next hole we will proceed with holes #4 and #5
on a 400' spacing. I would appreciat any comments you might
wish to make and if you approve of this change in direction

Would it be possible for you to send me additiona
copies of the attached plat.

Very Truly yours,
James R. Wyli

(Plati[illegible]-Gold)
Wylie As[illegible]iates

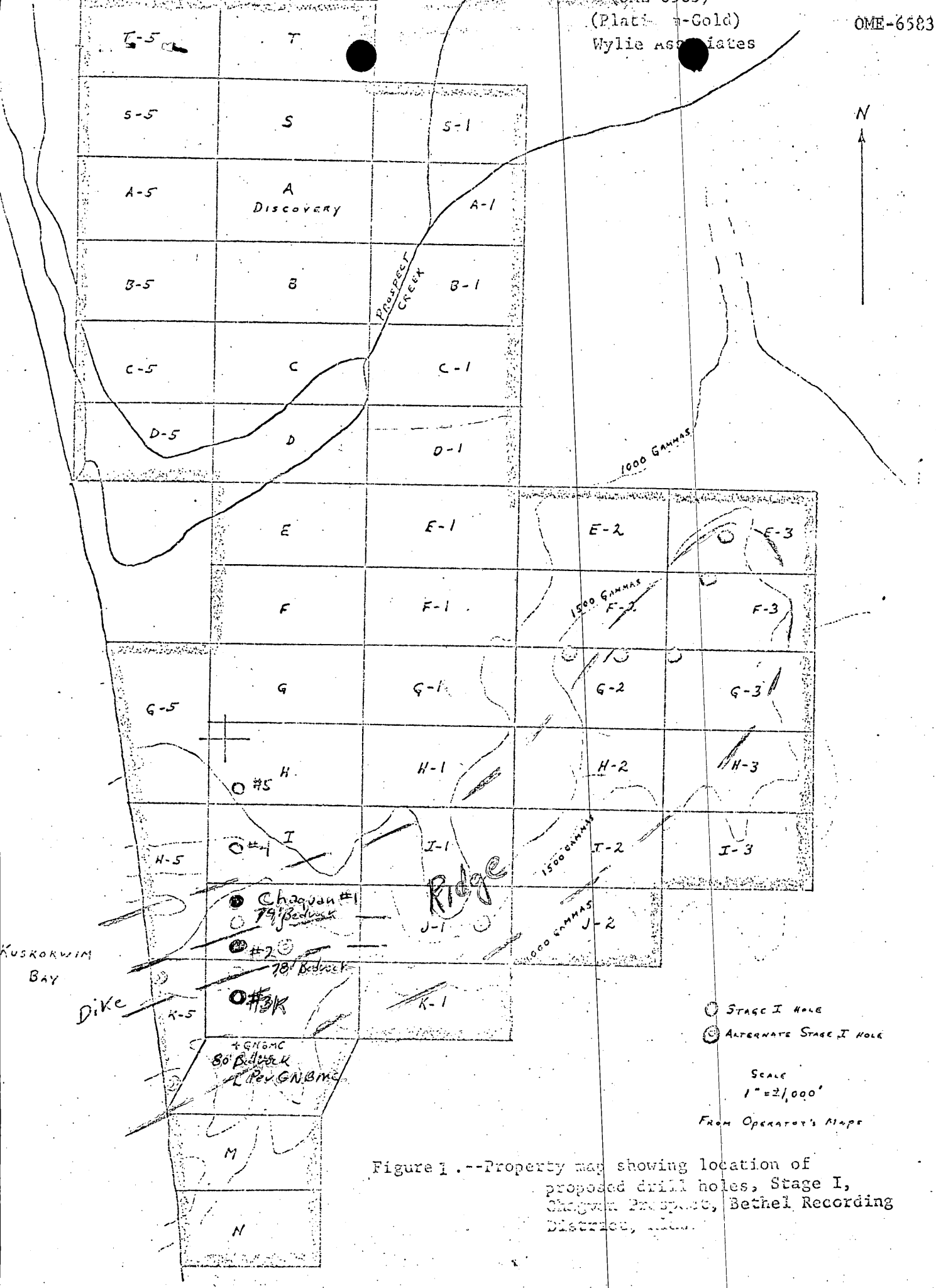


Figure 1.--Property map showing location of proposed drill holes, Stage I, Chagvan Prospect, Bethel Recording District, [illegible]

U. GEOLOGICAL SURVEY

(OME-6583)
(Platinum-Gold)

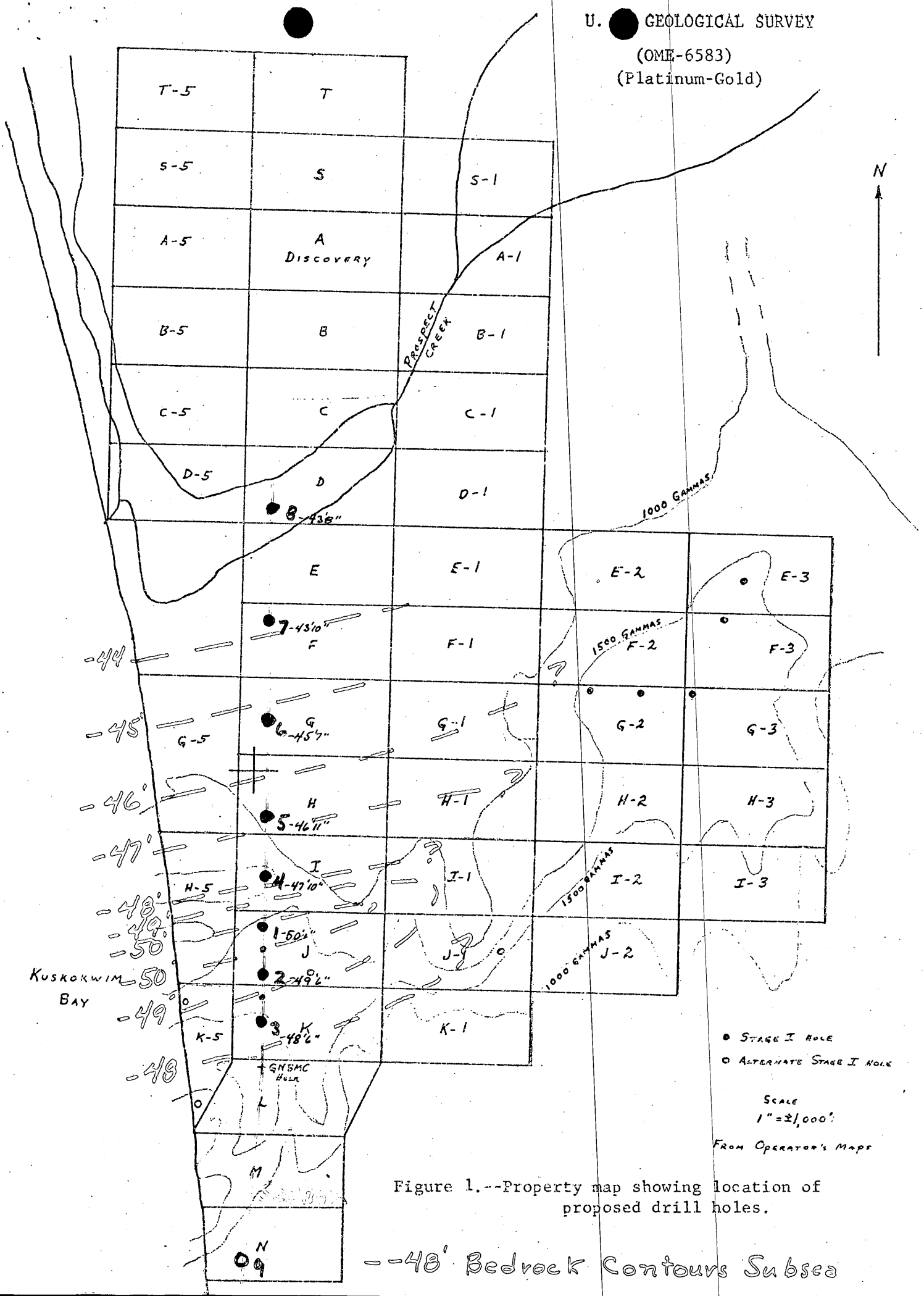
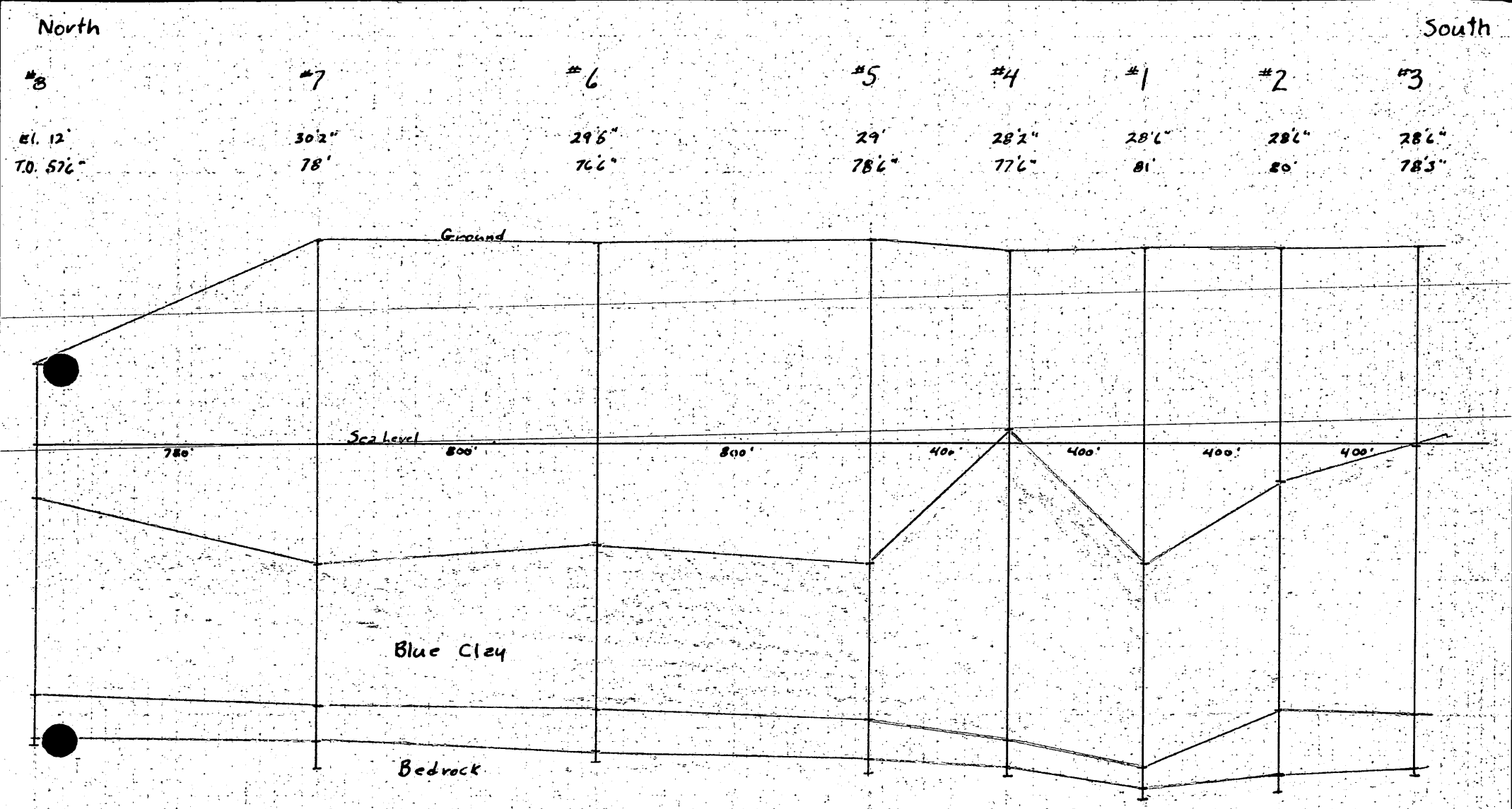


Figure 1.--Property map showing location of proposed drill holes.

--48' Bedrock Contours Subsea



Wylie Associates
Core Holes, Chaqvan, Alaska

Scale Vert 1"=20' 8-2-67
Hor 1"=400' JRW

WEBB ASSOCIATES

CHAGVAN #1

Elev. Ground 28' 6"
Total Depth 81'
Spud 7-11-67
Abd. 7-14-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK, loose ground
2' - 9'	7'	GRAVEL, clean, coarse, fine to medium grain, occassional Heavy Minerals, no colors, loose
9' - 46'	37'	SAND, light tan, coarse, medium to fine, loose, clean, slightly clayey, few HM, NC (No Colors)
46' - 63'	17'	CLAY, light blue, sandy, sticky, soft, some HM, NC (Glacial clay)
63' - 76'	9'	CLAY, dark blue, sandy, sticky, gravel, soft, occ HM, NC
	4'	CLAY, very dark blue, sticky, occassional sand streaks, occassional gravel, very few HM, NC
76' - 79'	3'	GRAVEL CLAY, blue, with hard packed gravel, sand, No HM, NC, rare wood fragments.
79' - 81'	2'	BEDROCK, light to dark green, crystalline, very hard, pyrite, no free HM recovered, NC

TOP BLUE CLAY	46'
BASE BLUE CLAY - TOP GRAVEL	76'
TOP BEDROCK	79'
Subsea	-50'6"

PARTIES BY: SAM FOX
DESCRIBED BY: JAMES R. WEBB

WILLIS ASSOCIATES

GRAHAM #2

Elev. Ground 28' 6"
Total Depth 80' 6"
Spud 7-15-67
Abd. 7-16-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK
2' - 8'	6'	GRAVEL SAND, light tan, medium to fine grain, very poor Heavy Mineral (HM), No Color (NC)
8' - 20'	12'	SAND, clean, light tan, fine to medium, occassional course gravel, poor HM, NC
20' - 34'	14'	CLAYEY SAND, sticky, light tan, fine to medium grained, water @ 30', poor HM, NC
34' - 52'	17'	BLUE CLAY, light blue, sticky, sandy, fine to medium grained, some gravel, poor HM, NC
52' - 64'	12'	DARK BLUE CLAY, very sticky, very sandy, less gravel, very poor HM, NC
64' - 68'	4'	DARK BLUE CLAY, very sticky, much less sand or gravel, water @ 66', very poor HM, NC
68' - 73'	5'	SANDY GRAVEL, medium brown clay matrix, fairly clean, fair rounded gravel to 1", fine to coarse sand, some HM, NC, occassional wood fragments soft up to 2" long
73' - 78'	5'	SANDY GRAVEL, much coarser, to 2" sub rounded, hard packed, gray brown, some HM, NC
78' - 80½'	2½'	BEDROCK, black, crystalline, pyrite,

TOP BLUE CLAY	34'
DARK BLUE CLAY - TOP GRAVEL	68'
TOP BEDROCK	78'
Subsea	-49'6"

PAINTED BY: Sam Fox
DESCRIBED BY: James R. Uylio

WELL RECORDS

CHAGWAN Co

Elev. Ground 28' 6"
Total Depth 78' 3"
Spud 7-17-67
Abd. 7-19-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK
2' - 10'	8'	GRAVELLY SAND, light tan clay, medium to fine grained, fine to medium gravel, some heavy Mineral (HM), No Colors (NC)
10' - 30'	20'	SAND, grayish tan, fine to medium grained, clean, some clay, occ gravel, medium to coarse, some HM, NC
30' - 50'	20'	BLUE CLAY, sandy, occ medium to coarse gravel, gravel streak at 36', very poor HM, NC
50' - 69'	19'	DARK BLUE CLAY, sticky, sandy, occ medium gravel, very very poor HM, NC
69' - 77'	8'	GRAY TAN SANDY GRAVEL, fine to medium grained, 1" to 2" gravel, blue clay streak at 75', water @ 73', very poor HM, NC, loose, occassional soft wood fragments.
77' - 78' 3"	1' 3"	BEDROCK, black with dark green, streaks, granular, very hard, NC

TOP BLUE CLAY 30'
BASE BLUE CLAY - TOP GRAVEL 69'
TOP BEDROCK 77'
Subcoa -48' 6"

PREPARED BY: SAM FOX
DESCRIBED BY: JAMES R. WILKE

WEEKS ASSOCIATES

GRAGAN #1

Elev. Ground 28'2"
Total Depth 77'6"
Spud 7-20-67
Std. 7-22-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK
2' - 20'	18'	SAND, light tan, fine to medium gravel, 1' clay streak @ 3', light tan, soft, very poor Heavy Minerals (HM), No Colors (NC)
20' - 26'	6'	CLAY, light tan, fine sandy, silty, soft, very poor HM, NC
26' - 30'	4'	GRAY CLAY, sticky, silty, very few HM, NC
30' - 60'	30'	BLUE CLAY, gray at top, very sandy, silty, sticky, much darker at bottom, soft, very poor HM, NC
60' - 72'	12'	SANDY VERY DARK BLUE CLAY, gravelly, soft water, very poor HM, NC
72' - 76'	4'	GRAVELLY SAND, clayey, dark tan, harder packed, considerable wood fragments up to 2" long, ¼" diameter, soft, poor HM, NC
76' - 77'6"	1'6"	BEDROCK, medium green, streaked light green, greenstone, crystalline, hard, NC

TOP BLUE CLAY	26'
BASE BLUE CLAY	72'
TOP BEDROCK	76'
Subsea	-47'16"

PREPARED BY: SAM FOX
DESCRIBED BY: JAMES D. WAKIE

WILLE ASSOCIATES

CHAGVAN #5

Elev Ground 29'8"
Total Depth 70'6"
Spud 7-22-67
Abd. 7-23-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	LOCK
2' - 47'	45'	SAND, light tan, quite clayey, gravelly throughout, soft, water and sloughing at 30', 1" -2" gravel streak 31'-36', clay streak 21'-23' poor Heavy Minerals (HM), 1 fine gold color at 23'
47' - 70'	23'	BLUE CLAY, darker at bottom 10', sticky, sandy, very few pebble streaks 50'-56' gravelly sand, soft, very poor HM, NG
70' - 76'	6'	SANDY CLAY, dark brown clay, silty, some fine sandy, water, small wood fragments, very poor HM, NG
76' - 78'6"	2'6"	BEDROCK, greenstone, schist, quartz dikes, hard, pyrite

TOP BLUE CLAY	47'
BASE BLUE CLAY	70'
TOP BEDROCK	76'
Subsea	-46'11½"

PLOTTED BY: SAM FOX
DESCRIBED BY: JAMES R. WILLE

WYNE ASSOCIATES

CALTRAN #6

Elev Ground 29'5"
Total Depth 76'6"
Spud 7-24-67
Abd. 7-26-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK
2' - 45'	43'	SANDY GRAVEL, loose, tan, fine to medium sand, coarse, medium to coarse gravel, somewhat clayey, occassional blue sand streaks at 40', very poor Heavy Mineral (HM) No Color (NC)
45' - 69'	24'	BLUE CLAY, much darker at bottom, sticky, silty, fine sandy, occasionol medium gravel, poor HM, NC
69' - 75'	6'	SAND, dark gray, gravel, hard drilling, poor HM, NC
75' - 76'6"	1'6"	BEDROCK, greenstone, granular, light to dark green, streaked. NC

TOP BLUE CLAY	45'
BASE BLUE CLAY	69'
TOP BEDROCK	75'
Subsea	-45'7"

DRILLED BY: SEN FOX
DESCRIBED BY: JAMES R. WYNE

MINES ASSOCIATES

CHAVAN #7

Elev Ground	30'2"
Total Depth	78'
Spud	7-26-67
Abd.	7-28-67

DEPTH	# FEET	FORMATION
0' - 2'	2'	MUCK
2' - 15'	13'	GRAVELLY SAND, light tan, medium to coarse grained, firm, poor Heavy Minerals (HM) No Colors (NC)
15' - 24'	9'	CLAY, grayish tan, sandy, firm, few HM, NC
24' - 48'	24'	GRAVELLY SAND, GRAYISH TAN, medium to coarse grained, medium to coarse gravel, loose clean, very poor HM, NC
48' - 69'	21'	BLUE CLAY, sticky, silty, fine to medium sandy, very dark @ 63', very poor HM, NC
69' - 74'	5'	SAND, gray, silty, gravelly, wood frags, 1½" long, ½" wide, abundant at 70', very poor HM, NC
74' - 78'	4'	BEDROCK, greenstone, granular, schistose, NC

TOP BLUE CLAY	48'
BASE BLUE CLAY	69'
TOP BEDROCK	74'
Subsea	-43'10"

PREPARED BY: SAM FOX
DIAGRAMMED BY: JAMES R. HYDE

WYNN ASSOCIATES

GAGWAN #3

Elev Ground	12'4"
Total Depth	57'6"
Spud	7-29-67
Abd.	7-30-67

DEPTH	THICK	DESCRIPTION
0' - 11'	11'	GRAVEL, very sandy, tan clean, medium to coarse, very poor Heavy Minerals (HM), No Colors (NC)
11' - 20'	9'	SAND, tan, medium to coarse grained, some gravel, clean, very poor HM, NC
20' - 49'	29'	BLUE CLAY, sticky, darker at bottom, grayer at 35', wood frags at 45' up to 1" long, very poor HM, NC
49' - 56'	7'	CLAYEY SAND, gray brown, fine to coarse grained, very poor HM, NC
56' - 57'6"	1'6"	BEDROCK, dark gray green, with light green and red patches, hard, olivine, granular, very poor HM, NC

TOP BLUE CLAY	20'
BASE BLUE CLAY	49'
TOP BEDROCK	56'
Subsea	-43'8"

PLOTTED BY: SAM FOX
DESCRIBED BY: JAMES R. WYNN

OFFICIAL COPY

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

April 12, 1967

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

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Dear Mr. Wylie:

Enclosed are 15 copies each of Forms MME-60 and MME-61, a three-month supply, for your use in submitting your monthly report of exploration costs. The original and three copies of each form, together with a short narrative report, should be submitted to this office each month. If you have any questions regarding the preparation of these vouchers and reports, please write or call me and I will be glad to help you. Also enclosed is an Equal Opportunity Poster to be posted on the property.

We received the executed copies of the contract from you on April 7, 1967, and forwarded them to Washington, D. C. on that date.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosures

E, WDC

b

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum April 7, 1967

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska
Contract No. 2238

Enclosed are the Government's copy and Budget and Finance's copy of the subject contract, executed by the Operator on April 6, 1967. The remaining copies have been distributed in the usual manner.

Enclosures

James R. Wylie

WYLIE ASSOCIATES
P. O. BOX 208,
Aptos, California 95003
April 6, 1967

Mr. H. K. Stager
Field Officer, OME Region II
United States Department of the Interior
345 Middlefield Road,
Menlo Park, California 94025

Dear Mr. Stager:

Enclosed are three copies of the Contract OME-6583 executed by myself as General Partner of Wylie Associates, a Limited California Partnership.

It is my understanding that we will furnish the drilling equipment and that asside from the items mentioned (casing, sample bags) we will be free to dispose of the equipment or use it as we wish at the end of the contract.

Regarding the last paragraph of Exhibit A under General Provisions; can I assume that Stage I has been given Government approval as to hole locations, direction and extent of work as outlined in Figure 1.

It is understood also, that before proceeding with Stage II, written approval must be secured from you as the Governments authorized representative.

Our present schedule is to ship the equipment via Alaska Steamship from Seattle to Platinum arriving approximately June 15th. We anticipate starting drilling operations approximately July 1, 1967.

As we proceed, any assistance, suggestions or comments you may care to make will be greatly appreciated. If you wish additional information please let me know.

Very truly yours,

James R. Wylie
WYLIE ASSOCIATES

JRW/nc

RECEIVED
APR 7 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

OME-6583

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

OFFICIAL COPY
O. M. E.
RECEIVED
APR 5 1967
INITIALS | CODE
120
110

April 3, 1967

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

Re: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Dear Mr. Wylie:

Enclosed are the original and three copies of proposed contract for the subject property. The contract consists of MME Form 50 (7 pages), Annex I (3 pages), Exhibit A (5 pages), Exhibit B (1 page), and one map (Fig. 1). All copies of the contract have been signed for the Government.

If the proposed contract is satisfactory to you, all four copies should be signed by an authorized representative of Wylie Associates and the following copies returned to this office:

Government's copy
Budget and Finance'e copy
Field Office's copy

The Operator's copy should be retained for your files.

If any part of the proposed contract does not have your approval, the original and all copies should be returned to this office together with the proposed changes for consideration.

You will note that the 6-3/4 percent interest, under Article I (c), accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If you have any questions, please call me.

Sincerely yours,

H. K. Stager
Field Officer
OME, Region II

Enclosures

cc: Chief, OME, WDC
D RF MP RF
ACG RF Docket
HKStager:mlb4-3-67

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/27	Patterson	
3/27/67	Kirkemo	
"	Johnson	
3/28	Kjelgaard	
3/28	[illegible]	
3/30	cat	210
	120	m

AIRMAIL

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Enclosed are the original and three copies of a proposed contract for the subject property. The contract consists of MME Form 30 (7 pages), Annex I (3 pages), Exhibit A (5 pages), Exhibit B (1 page), and one map (Figure 1). All copies of the contract have been signed for the Government. You should insert the date for commencement of the work. Also enclosed is an extra copy of the contract for field use.

If the proposed contract is satisfactory to you and the Applicant, all four copies should be signed by an authorized representative of the Applicant. Thereafter, please distribute the copies in the usual manner.

Please advise the Applicant that the 6-3/4 percent interest accrues from the dates on which individual payments are made by the Government and like the principal is repayable from royalty on production.

If any part of the proposed contract does not have your approval or that of the Applicant, the original and all copies should be returned to this office together with the proposed changes for consideration.

FRANK E. JOHNSON

Frank E. Johnson

Enclosures

cc: Director's Reading File
Division File
Econ. Geol. File
OME Docket
OME Reading File
R30

MMerrithew/mm (3/27/67)

23263

T ATTACH EMM
(2-2,5)

MME FORM 6 REFERENCE SLIP
REV. 2-5 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. ~~Associate Solicitor, 60/2~~		
2. E. C. Peterson 4450		
3.		
4.		
5.	20	
FROM: Frank E. Johnson, OME	3/~~20~~/67	

FOR: Check items for action desired

X Action	____ Reply for signature of ____	
X Approval	____ Investigate	____ Surname
____ Comment	____ Recommendations	____ Signature
____ Conference	____ Rewrite 319	____ File
____ Instructions	____ Your information	

REMARKS: C-67-2131.11

INTER OFF. DEPT.
MAR 20 1967
SOLICITOR

FROM SOLICITOR
MAR 23 1967
FOR SIGNATURE

INT.-DUP. SEC., WASH., D.C. M56300-62

ECPETERSON/mm
DRAFT 3/14/67

To legal 3/[illegible]/67

MME Form 50
July 1965

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

EXPLORATION CONTRACT
(Long Form)

Docket No.	Commodity	Contract No.	County	State
OME -6583	Platinum-Gold		Bethel Recording District, Alaska	

It is agreed _____ (Date), between the United States of America, acting through the Department of the Interior, U. S. Geological Survey, hereinafter called the "Government," and

~~Wylie Associates, a/partnership~~ California

_____,

whose mailing address is ~~c/o James R. Wylie, P.O. Box 208, Aptos, California 95003~~ hereinafter called the "Operator," as follows:

ARTICLE 1. Authority and scope.--(a) This contract entered into under the authority of Public Law 701, 85th Cong., 2d sess. (72 Stat. 700; 30 U.S.C. § 641 - 646), consists of this form, the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed. The work is a search for new or unexplored deposits of the commodity designated above. The Operator shall begin the work on or before _____ (Date), and, subject to the provisions of Article 9 and Exhibit A, shall either have completed the work within 24 months from the date of the contract or shall have incurred allowable costs (see Article 6) in a sum not less than the total cost set forth in Exhibit A.

(b) The total allowable cost of the work set forth in Exhibit A is $~~72,800.00~~. The Government will contribute 50 percent of the allowable costs as they are incurred, in a total sum not in excess of $~~36,400.00~~ in accordance with the provisions of Articles 3, 4, 5, and 6. "Costs incurred" means costs that have been paid or have become due and payable, or that the Government determines have become obligations.

(c) Interest computation.--Simple interest at the rate of _____ percent shall accrue from the dates Federal funds are made available until the period specified for payment of royalty expires, or until the amount of Federal funds contributed is fully repaid with interest.

(d) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. Operator's right in land.--(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's right of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances:

~~See Annex I~~

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the lien agreement of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached as follows:

~~See Annex I~~

(c) The Operator shall preserve and maintain his right, title, or interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a royalty on production and liens for the payment thereof. Two true copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 7 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. Performance of the work.--(a) Operator's responsibility.--The work shall be performed diligently, efficiently, in a workmanlike manner in accordance with good mining standards, and in compliance with State laws governing health, safety, and liability **insurance** covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work as specified in Article 1(a).

(b) Independent contracts.--To the extent that the allowable costs are estimated in Exhibit A with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed (see Article 6(a), Category (1)). Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract, the Government will participate in payments to the independent contractor only as to work performed in accordance with the provisions of this exploration contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) Government may inspect.--The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract and production operations during the period that royalty is payable to the Government. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. Contribution by the Government.-- The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5(b), but all payments by the Government are provisional only, subject to audit. Until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been received, the Government may withhold such sums as are necessary to protect its interests. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. Reports, accounts, audits.--(a) Operator's records.--The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) Monthly reports.--The Operator shall provide the Government with four copies of monthly reports in three sections as follows:

(1) Operator's Monthly Voucher claiming costs for work performed;

(2) Operator's Progress Report showing the number of units of the various types of work performed; and

(3) a narrative report of the work performed during the reporting period, including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground.

(Forms for reporting under (1) and (2) above will be provided by the Government; however, the original of the Operator's Monthly Voucher shall be supported by documentary evidence, such as certified copies or transcripts of payrolls and invoices, for all costs claimed under Article 6 (a) (1).)

(c) Final report.--Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with three copies of a final report (in addition to the final monthly report). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the related costs.

(d) Report of sales.--The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's royalty relates, such as two copies of smelter or concentrator settlement sheets and certified accounts of production and sale or other disposition of production.

(e) Compliance with requirements.--If the Government determines that any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the preparation or completion of the same with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. Costs.--(a) Allowable costs.--The allowable costs of the work to which the Government will contribute are limited to:

(1) the necessary, reasonable, and direct actual costs that are estimated in Exhibit A by categories as specified in this article; and

(2) fixed costs for units of work to be performed (per foot, per hour, etc.) agreed upon in lieu of actual costs and set forth in Exhibit A.

The Government will not contribute to costs under any category or subcategory omitted from the estimate of costs in Exhibit A. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost; any excess over a fixed unit cost; and any excess over the total allowable cost of the work are not allowable. The Operator shall incur such excesses for his own account without contribution by the Government, but the Operator is not obligated to incur more than his agreed percentage of the total allowable cost of the work.

Any category or subcategory or element thereof not designated as a maximum in this article, or in Exhibit A may be exceeded, provided that the total allowable cost of the work, which is a maximum, is not exceeded.

CATEGORY (1)--INDEPENDENT CONTRACTS.--(See Article 3(b)). The total of this category and the average unit cost estimated for each type of work to be performed under an independent contract are maximums.

CATEGORY (2)--PERSONAL SERVICES.

Subcategory (a)--Supervision and Technical Services--All elements of this subcategory (number of supervisors, technicians, outside consultants, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)--Labor.

CATEGORY (3)--OPERATING MATERIALS AND SUPPLIES.--Includes such items as drill bits and steel, explosives, fuel, pipe, power, timber, rail, and small tools costing less than $50 each.

CATEGORY (4)--OPERATING EQUIPMENT.

Subcategory (a)--Rental.--The number of each rented item [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)--Purchases.--The total of this subcategory is a maximum.

Subcategory (c)--Depreciation.--All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)--INITIAL REHABILITATION AND REPAIRS.--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

Subcategory (a)--Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).--The total of this subcategory is a maximum.

Subcategory (b)--Initial rehabilitation and repairs of operating equipment.--The total of this subcategory is a maximum.

CATEGORY (6)--NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).--Costs of items listed under this category include all requirements, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The total of this category is a maximum.

CATEGORY (7)--MISCELLANEOUS.--Includes requirements and costs that do not fall within any of the first six categories, such as repairs other than initial and maintenance of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, and communications.

(b) Nonallowable costs.--In addition to the limitations imposed by paragraph (a) of this Article 6 the Government will not contribute to the following costs:

(1) Costs of the land, such as rental, depreciation, depletion, or other costs of acquiring, owning, or holding possession;

(2) Indirect costs, such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) Previous work performed or costs incurred before the date of this contract; and

(4) Deferred payments.--Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods, unless the purchase agreement is approved by the Government in writing.

(c) Reductions in costs.--The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original total cost. The provision does not apply to receipts from production which are subject to the Government's royalty under the provisions of Article 7.

ARTICLE 7. Repayment by Operator.--(a) Certification.--If the Government considers that mineral or metal production from the land covered by the contract may be possible as a result of the exploration work, it shall so certify in writing to the Operator at any time not later than six months after a sufficient final report and final accounting (see Article 5) have been furnished.

(b) Royalty on production.--The Operator, whether or not the producer (for example, if the Operator either transfers or does not retains his interest in the land), shall pay to the Government a royalty on all minerals and metals mined or produced from the land as follows:

(1) irrespective of any certification of possible production--from the date of the contract until the lapse of the time within which the government may issue such certification or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first; or

(2) if the Government issues a certification of possible production--for a period of ten years from the date of the contract, or until the total net amount contributed by the Government is fully repaid with interest, whichever occurs first.

(c) Payment of royalty.--(1) The Government's royalty shall be five percent of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrate, metal or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business and shown as deductions on the buyer's settlement sheets (such as treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight payable by the buyer to a carrier (not the Operator or producer)), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. No costs of the Operator or Producer are deductible in arriving at the "gross proceeds" as that term is here used.

The term "treatment processes" means those processes (such as milling, concentrating, smelting, refining, or equivalent, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(2) The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be.

(d) Unsold production.--If any production (ore, concentrate, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrate, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination or the market value, whichever is greater.

(e) Lien for payment.--To secure the payment of royalty (see Article 7(b)), the Operator hereby grants to the Government a lien upon his interest in the land and upon any production of minerals and metals therefrom until the royalty claim is extinguished by lapse of time or is fully paid.

(f) Notice to purchasers.--The Operator or producer shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Government, and this estimate shall be final and binding upon the Operator or producer.

(g) No obligation to produce.--Nothing in this contract shall be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(h) Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals and metals mined or produced from the land.

ARTICLE 8. Interests in purchased property.--(a) Title and ownership.--All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions although title thereto shall be taken in the name of the Operator.

(b) Preservation of property.--Until the final disposal of any property in which the Government has an interest, the Operator shall preserve and protect same for the best interest of the Government, and any reasonable and necessary cost thereof will be treated as an allowable cost of the exploration. After the completion of the work, termination of the Government's obligation to contribute, or when such property is not being used for the work, the Operator shall not use it elsewhere without the written consent of the Government and without paying a reasonable rental to be fixed by the Government for its proportionate interest.

(c) Disposal of property.--Upon the completion of the work, termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, sale to others, purchase by the Operator, or sale or transfer to the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government, the Operator shall not sell at any price any item of property that cost more than $500, and shall not sell at less than 25 percent of the purchase price any item of property that cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or offers. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, explosives, pipe, or rail), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item, the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the exploration.

(d) Default of the Operator re disposal.--If within 90 days after the completion of the work, termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may:

(1) in writing extend the time within which the Operator must dispose of or liquidate the property;

(2) by written notice to the Operator, place upon such property what it determines to be a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; and

(3) enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 9. Termination of the Government's obligations.--(a) If the Government determines that operations at any time have failed to achieve anticipated results and further work is not justified, the Government may give the Operator written notice thereof, and thereupon:

(1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

(b) If the Government determines that the Operator is in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon:

(1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to final accounting and reporting; and

(2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to final accounting and reporting.

The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 9 shall not affect the Government's rights as provided for in the contract with respect to royalty and liens to secure the payment thereof, and such rights shall be fully preserved.

(d) The determinations of the Government are subject to appeal under Article 13.

ARTICLE 10. Notices to be given by the Government may be delivered to the Operator, or may be sent by certified mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 11. Officials not to benefit.--No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 12. Nondiscrimination in Employment. The provisions respecting nondiscrimination in employment which are required by section 301 of Executive Order 10925, dated March 6, 1961 as amended and supplemented are attached hereto as Exhibit B and are hereby incorporated in and made a part of this contract.

ARTICLE 13. Disputes.--Any dispute arising under this contract which is not disposed of by agreement shall be decided by the Director, U. S. Geological Survey, who shall reduce his decision to writing and mail or otherwise furnish a copy thereof to the Operator. The decision of the Director, U. S. Geological Survey, shall be final and conclusive unless, within 30 days from the date of receipt of such copy, the Operator mails or otherwise furnishes to the Director, U. S. Geological Survey, a written appeal addressed to the Secretary of the Interior. The decision of the Secretary or his duly authorized representative for the determination of such appeals shall be final and conclusive unless determined by a court of competent jurisdiction to have been fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence.

The term "Director, U. S. Geological Survey," as used herein includes his duly authorized representative.

ARTICLE 14. Work Hours Act of 1962 - Overtime Compensation.--This contract, to the extent that it is of a character specified in the Work Hours Act of 1962 (Public Law 87-581, 76 Stat. 357-360) and is not covered by the Walsh-Healey Public Contracts Act (41 U.S.C. 35-45), is subject to the following provisions and to all other provisions and exceptions of said Work Hours Act of 1962.

(a) Overtime requirements.--No Operator or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic to be employed on such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate of not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any such calendar day or in excess of forty hours in any such workweek, as the case may be.

(b) Violations; liability for unpaid wages; liquidated damages.--In the event of any violation of the clause set forth in subparagraph (a) of this paragraph, the Operator and any subcontractor responsible therefor shall be liable to any affected employee for his unpaid wages. In addition, such Operator and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for

liquidated damages. Such liquidated damages shall be computed, with respect to each individual laborer or mechanic employed in violation of the clause set forth in subparagraph (a) of this paragraph, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of eight hours or in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in subparagraph (a) of this paragraph.

(c) Withholding for unpaid wages and liquidated damages.--The U. S. Geological Survey may withhold or cause to be withheld, from any moneys payable on account of work performed by the Operator or subcontractor, such sums as may administratively be determined to be necessary to satisfy any liabilities of such Operator or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in subparagraph (b) of this paragraph.

ARTICLE 15. Copeland (Anti-Kickback) Act--Nonrebate of wages.--The regulations of the Secretary of Labor applicable to contractors and subcontractors (29 CFR, Part 3), made pursuant to the Copeland Act, as amended (40 U. S. C. 276c) and to aid in the enforcement of the Anti-Kickback Act (18 U. S. C. 874) are made a part of this contract by reference. The Operator will comply with these regulations and any amendments or modifications thereof and will be responsible for the submission of affidavits required of independent contractors thereunder. The foregoing shall apply except as the Secretary of Labor may specifically provide for reasonable limitations, variations, tolerances, and exemptions.

ARTICLE 16. Changes and added provision.--

_____

_____

_____

_____

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

WYLIE ASSOCIATES
(Operator)

By _____

By William A. Baker

Title _____

Acting Director, U. S. Geological Survey

I, _____, certify that I am the
(Name)

_____ secretary of the corporation named as Operator herein; that

_____, who signed this contract on behalf of the Operator, was then
(Name)

_____ of said corporation; that said contract was duly signed for
(Title)

and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

_____

 [CORPORATE SEAL]

DRAFT 3/14/67
ECPeterson/mm

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

ANNEX I

The land, including all rights pertaining thereto, referred to in Article 2 of the contract consists of forty-eight (48) unpatented placer mining claims in unsurveyed secs. 26, 27, 34, 35, and 36, T. 15 S., R. 75 W., and secs. 2 and 3, T. 16 S., R. 75 W., Seward Meridian, Goodnews mining district, Bethel Recording District, Alaska.

The forty-eight claims are recorded in the Office of the Recorder, Bethel Recording District, Bethel, Alaska, as follows:

Claim	Book	Page No.
Discovery A	4	1
B Below	4	2
C "	4	3
D "	4	4
E "	4	5
F "	4	6
G "	4	7
H "	4	8
I "	4	9
J "	4	10
S "	4	11
T "	4	12
A-1 Above	4	13

Claim	Book	Page No.
B-1 Above	4	14
C-1 "	4	15
D-1 "	4	16
E-1 "	4	17
F-1 "	4	18
G-1 "	4	19
H-1 "	4	20
I-1 "	4	21
J-1 "	4	22
S-1 "	4	23
A-~~8~~ 5 Below	4	24
B-5 "	4	25
C-5 "	4	26
D-5 "	4	27
S-5 "	4	28
T-5 "	4	29
K "	5	73
L "	5	74
M "	5	75
N "	5	76
H-5 "	5	77
K-5 Below	5	78
E-2	5	104
F-2	5	105

Claim	Book	Page No.
G-2	5	106
H-2	5	107
I-2	5	108
J-2	5	109
E-3	5	110
F-3	5	111
G-3	5	112
H-3	5	113
I-3	5	114
K-1	5	115
G-5 Below	5	116

The Operator is in possession of these claims by right of location.

The outer boundary of the claim group is shown in blue on Figure 1, entitled "Property map showing location of proposed drill holes, Stage I, Chagvan Prospect, Bethel Recording District, Alaska" attached and made part hereof.

EXPLORATION CONTRACT
WYLIE ASSOCIATES
OME-6583

EXHIBIT A

The purpose of this project is to explore by churn drilling for alluvial gold and platinum occurring in gravels and in the underlying bedrock in areas where geophysical surveys have indicated favorable anomalies.

General Provisions

All drill holes shall be cased as necessary to insure proper and accurate sampling.

Drill holes shall not be drilled on less than 200-foot centers nor less than 100 feet from the outer boundaries of the claim group.

Significantly mineralized material recovered from the drill holes shall be sampled, but no such sample shall represent more than 5 feet of hole. Each sample shall be split and one split assayed for gold and platinum. All remaining splits shall be stored in suitable containers properly identified as to source and location. Stored splits of samples may be disposed of with prior Government approval.

The results of sampling and assaying together with maps or sketches showing the locations and extent of work completed shall be submitted with the Operator's monthly report.

The Operator shall provide such supervision, labor, and technical services as may be required to complete the work in a satisfactory manner.

The location, direction, and extent of each work item shall

be subject to prior approval of the Government. The work shall be divided into two stages. The Operator shall complete all of the work in Stage I. Approval of Stage II shall depend upon favorable results having been obtained in Stage I and shall have the prior authorization of the Government confirmed in writing.

Description of the Work

Stage I

The work shall consist of churn drilling not more than 14 holes totalling not more than 1,000 feet.

The approximate location of each hole is shown in red on Figure 1, referred to previously.

Stage II

The work under this stage shall consist of churn drilling not more than 5,000 feet. The number of holes, their locations, and depths shall be contingent upon favorable results having been obtained in Stage I.

Estimated Costs of the Project

Stage I

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer 2 months @ $750.00/month	$1,500.00	
1 Outside consultant 2 days @ $75.00/day	~~XXXXX~~ 150.00	
		$1,650.00

Category (3) Operating Materials and Supplies

None except:

Casing, 200 feet @ $5.00/foot 1/	$1,000.00	
Sample sacks, 200 @ $0.05/sack	10.00	
		$1,010.00

Category (7) Miscellaneous

None except:

100 assays for gold @ $3.00/assay	$ 300.00	
100 assays for platinum @ $3.00/assay	300.00	
Transportation of samples 100 samples @ $1.55/each	155.00	
Travel expenses, outside consultant Per diem, 2 days @ $16.00/day	32.00	
Anchorage, Alaska to Platinum, Alaska and return by air	200.00	
		$ 987.00
Total Estimated Actual Costs, Stage I		$3,647.00

Fixed Unit Costs 2/

Churn drilling 1,000 feet @ $9.10/foot	$9,100.00	
Office expenses 3 months @ $60.00/month	180.00	
Total Estimated Fixed Unit Costs, Stage I		$9,280.00
Total Estimated Costs, Stage I		$12,927.00

Stage II

Actual Costs

Category (2) Personal Services

None except:

Subcategory (a) Supervision and Technical Services

1 Supervisor-geologist-engineer 8 months @ $750.00/month	$6,000.00

1 Outside consultant 16 days @ $75.00/day	1,200.00	
		$7,200.00

Category (3) Operating Materials and Supplies

None except:

Casing, 200 feet @ $5.00/foot 1/	$1,000.00	
Sample sacks, 1,240 @ $0.05/sack	62.00	
		$1,062.00

Category (7) Miscellaneous

None except:

500 assays for gold @ $3.00/assay	$1,500.00	
500 assays for platinum @ $3.00/assay	1,500.00	
Transportation of samples 500 samples @ $1.55/each	775.00	
Travel expenses, outside consultant Per diem, 16 days @ $16.00/day	256.00	
Anchorage, Alaska to Platinum, Alaska and return by air 8 trips @ $200.00/trip	1,600.00	
		$5,628.00
Total Estimated Actual Costs, Stage II		$13,893.00

Fixed Unit Costs 2/

Churn drilling 5,000 feet @ $9.10/foot	$45,500.00	
Office expenses 8 months @ $60.00/month	480.00	
Total Estimated Fixed Unit Costs, Stage II		$45,980.00
Total Estimated Costs, Stage II		$59,873.00

SUMMARY

Total Estimated Costs of Stage I	$12,927.00
Total Estimated Costs of Stage II	59,873.00
Total Estimated Cost of the Project	$72,800.00
Government Participation @ 50%	$36,400.00

1/ The Government will not contribute to the cost of casing left in a drill hole at the request of the Operator.

2/ Includes all costs whatsoever that would otherwise be allowable costs under Categories (2) through (7).

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Memorandum February 23, 1967

FEB 27 1967
MATERIALS CODE
gla 120
120 14
JL 110
EP 120

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

From: Field Officer
Region II

Subject: OME-6583 (Platinum and gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Enclosed is my Application Report for the subject property, recommending that a two-stage contract be granted consisting of about 6,000 feet of churn drilling from surface sites at an estimated cost of $64,160.00. I believe there is a good possibility of discovering minable platinum and gold placer deposits in the area to be explored. A memorandum from Mr. J. M. Hoare, geologist, Branch of Alaskan Geology, recommending the project is attached to the report. Letters from the applicant giving revised cost estimates, claim recording data, and claim maps are also attached.

Five extra copies of Figure 2 are enclosed for your use if a contract is granted.

H. K. Stager

Enclosures

UNITED STATES

DEPARTMENT OF THE INTERIOR

STEWART L. UDALL, SECRETARY

OFFICE OF MINERALS EXPLORATION

REPORT OF EXAMINATION

REGION II

OFFICIAL FILE COPY
FEB 27 1967

APPLICATION REPORT

OME-6583 (Platinum-Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

By

H. K. Stager
Field Officer
OME, Region II

February 23, 1967

FIELD EXAM. REPT.

CONTENTS

	Page
INTRODUCTION	1
SUMMARY	2
RECOMMENDATIONS	2
LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES	3
PROPERTY	4
History and Production	4
Ownership	4
Financial Eligibility	5
Development	5
GEOLOGY	6
Geologic Setting	6
Ore Deposits	6
Sampling	7
Ore Reserves	7
EXPLORATION	8
Applicant's Proposal	8
Examiner's Proposal	8
Proposed Exploration Costs	9
COST ESTIMATE	9

ILLUSTRATIONS

Figure 1. Index map of Alaska.

Figure 2. Property map showing location of proposed drill holes.

INTRODUCTION

The partnership of James R. Wylie, Joseph H. Shelton, Donald C. Webster, and John N. Gladden, doing business as Wylie Associates, of P.O. Box 208, Aptos, California 95003, applied to the Office of Minerals Exploration for Government assistance in an exploration project, Docket OME-6583, to explore for platinum and gold at the Chagvan Prospect, Bethel Recording District, Alaska. The applicants have undertaken a magnetometer survey in the area of the Chagvan Prospect and have outlined an anomalous area that they infer represents a placer concentration of magnetite sands containing platinum and gold similar to other deposits being mined in the area. They wish to test the anomalous area by churn drilling.

The application was referred by the Office of Minerals Exploration to the Region II Field Office for study and recommendations. A field examination was not considered practicable because of the remoteness of the area, inaccessibility during the winter months, and the fact that the property is in an area covered by swamp and muskeg. Personnel of the Geological Survey's Branch of Alaskan Geology, familiar with the geology and placer deposits of the area, were consulted and the written comments of one geologist (Mr. J. M. Hoare) were obtained and are included with this report. Several conferences were held in the Field Office with Mr. J. R. Wylie, general partner, to discuss problems of geology, logistics, and costs of exploration.

SUMMARY

The Chagvan Prospect is in the area of the Salmon River platinum deposits that are being mined by the Goodnews Bay Mining Company. These placer deposits are the largest domestic source of platinum metals. Magnetometer surveys by the applicants indicate that the buried channel containing the platinum- and gold-bearing placer deposits extends through the area of the Chagvan Prospect.

The applicants propose to explore the magnetic anomaly by churn drilling several lines of holes across the trend of the anomaly. The proposed program was discussed at length with the applicants and with personnel of the USGS Branch of Alaskan Geology. The program consists of two seasons of churn drilling and totals about 6,000 feet of churn drilling in about 60 holes. It appears well suited to explore the deposit, the applicants are qualified to do the work, the project site is accessible during the summer months, and facilities for accomplishing the work are available.

RECOMMENDATIONS

It is recommended that the Government enter into a contract with Wylie Associates to provide 50 percent of the costs of the program to explore the Chagvan Prospect. The program will require two field seasons, or about 18 months, to complete and the Government's share of the estimated total cost of $64,160 would be $32,080.

LOCATION, ACCESSIBILITY, AND LOCAL FACILITIES

The Chagvan Prospect is between the Salmon River and Chagvan Bay, Bethel Recording District, Alaska (Fig. 1), in a swampy muskeg-covered area at an altitude of about 25 feet.

The property is accessible during the field season from May through September by air from Bethel to Platinum or Goodnews Bay and then tractor or four-wheel drive vehicle overland or along the beach. All supplies and equipment must be shipped via air freight from Seattle to Anchorage to Bethel and Platinum or by boat from Seattle or Anchorage to Platinum.

Local facilities are extremely limited. Mail and radio-telephone service are available from Goodnews Bay. Fuel and a few items of hardware and groceries are available at high cost in Platinum. There are some capable camp cooks, drill helpers, or laborers available from native villages in the vicinity but drillers and skilled labor must be obtained in Anchorage or Fairbanks. There is ample water on the property but no timber of any kind. Assay services are available in Anchorage or Seattle. The applicants plan to purchase a churn drill and tools in Los Angeles and ship them by boat to Platinum via Seattle.

PROPERTY

History and Production

Platinum was discovered in the Goodnews District in 1926 and it soon became the major source of platinum in the United States. The history and a description of the geology and mineral deposits of the district are given in U.S. Geological Survey Bulletin 918.[1]

---

[1] Mertie, J. B. Jr., The Goodnews Platinum Deposits, Alaska: U.S. Geol. Survey Bull 918, 97 p.

The applicants became interested in the district in 1964 and located 29 placer claims in April 1964. During the 1966 season they completed a magnetometer survey of the claim area and also located 19 additional claims.

There has been no production from the property covered by this application. Production by the Goodnews Bay Mining Company has averaged about 35,000 troy ounces of platinum metals per year since the dredge was placed in operation in 1938.

Ownership

The property consists of 48 unpatented placer claims located and held by the applicants. All claims are recorded in the Bethel Recording District, Bethel, Alaska. The claims are contiguous and cover the area shown on Figure 2. The following 29 claims were located and recorded on April 24-27, 1964:

Discovery A

B through J below	S and T above
A-5 through D-5 below	A-1 through J-1 above
S-5 and T-5 below	S-1 above

Six additional claims were located on August 15 and recorded on August 24, 1966, as follows:

K through N below	H-5 and K-5 below

The remaining 13 claims were located on November 6 and recorded November 9, 1966, as follows:

E-2 through J-2

E-3 through I-3

K-1 and G-5 below

All of the claims are to be included in the project. Maps showing the locations of the claims and a list of recording data were submitted by the applicants and copies are included with this report.

Financial Eligibility

The applicants furnished copies of letters to two banks requesting loans for the proposed work and also copies of letters from the banks denying the loans. The applicants state that they will furnish their share of the costs of the proposed work in cash.

Development

The property is totally undeveloped. There are no surface or underground workings and there are no buildings or improvements. A single prospect hole was drilled on the property by the Goodnews Bay Mining Company in 1961 (Fig. 2), but it did not intersect platinum-bearing material. Several attempts by the applicants to put down prospect holes with a small suction dredge were unsuccessful.

GEOLOGY

Geologic Setting

A detailed description of the geology of the district is given by Mertie (U.S. Geol. Survey Bull. 918) and by Hoare and Coonrad (U.S. Geol. Survey MGI Maps I-321 and I-339).

In general the district is underlain by altered flows and volcanoclastic rocks and chert of probable Late Paleozoic age intruded by a large ultramafic body. The ultramafic body is mostly pyroxenite and is the source of the platinum metals that have been mined for over 30 years.

The area covered by the claims, included in the proposed exploration, consists of low rolling topography with a shallow to deep cover of alluvium and outwash deposits. These deposits consist of poorly to well-sorted silt, sand, gravel, and some boulders in terraces and outwash fan plains. Bedrock was reported at a depth of 58 feet in the single test hole drilled on the property.

Ore Deposits

The placer deposit that has been mined on the Salmon River a few miles north of the claim area consists of a pay streak ranging from 300 to 1,000 feet in width and about 10 feet in thickness. It has been worked for a distance of about 6 miles. Overburden ranges from 25 to 70 feet in thickness and averages about 35 feet.

The average crude platinum contains about 73.5 percent platinum, 10 percent iridium, 2 percent osmium, 1 percent rhodium, 0.3 percent palladium, 0.2 percent ruthenium, 2 percent gold, and 11 percent impurities.

The platinum is slightly magnetic but the pay streak also contains abundant magnetite, ilmenite, and chromite and it is the concentration of all these minerals that probably creates the magnetic anomaly over the old river channel. The anomaly outlined by the applicants' survey indicates a concentration of the magnetic minerals in old lagoons or ponds connected by a narrow channel. Several lines of test holes across and along the trend of the anomaly should quickly prove, or disprove, this possibility.

Sampling

There have been no samples taken of the placer gravels on the applicants' claims. The single hole that was drilled to bedrock (Fig. 2) was apparently outside of the pay streak or channel and did not yield platinum-bearing material.

Ore Reserves

There are no measured or indicated reserves of platinum-bearing material in the claim area. Based upon the area of the magnetometer anomaly greater than 1200 gammas in magnitude the applicants have calculated an inferred reserve totaling 4,407,000 cubic yards of gravel. The average metal content of the gravel is about 0.07 ounce of platinum and gold per cubic yard with an estimated value of $6.75 per yard. If the deposit continues seaward in an old, buried river channel the deposit could be many times this size.

EXPLORATION

Applicant's Proposal

The applicants propose to explore the most favorable area of the magnetometer high with 10 to 14 churn-drill holes totaling about 1,000 feet of drilling, as shown on Figure 2. If this drilling is successful they further propose to drill an additional 5,000 feet in about 50 holes during the next field season to further explore the size and grade of the deposit.

Churn drilling has been used successfully by the Goodnews Bay Mining Company to trace the old channel of the Salmon River and the extent of the pay streak in the area now being dredged. Although magnetometer surveying has not been used previously in the district the anomaly picture developed is a logical one and fits the known geology and glacial history of the area well.

Examiner's Proposal

Several conferences were held with Mr. Wylie in the Region II Field Office during which the logistics and estimated costs of the proposed project were discussed in detail. As a result the applicants submitted additional cost data and have made extensive inquiries about drills, tractors, and other equipment, as well as shipping and operating costs. The proposed Stage I, or first field season work, is planned to test the most favorable areas indicated by the magnetometer survey and I have no objections to the proposed drill hole sites. The Stage II, or second field season work, will be contingent upon the results of Stage I and the location of the holes should be subject to Government approval.

Proposed Exploration Costs

The applicants have submitted revised cost estimates based on more detailed planning and equipment and transportation costs. A copy of the revised estimate is attached to this report. Mobilization and operating costs are high for the first season and will result in a high cost-per-foot of drilling but will be much lower the second season. A long form actual cost contract is probably necessary and salvage values of the drill and equipment will have to be considered, based on a probable two-year project.

Cost Estimate

Stage I

Category (1) - Independent contracts -- none

Category (2) - Personal Services

(a) Supervision and Technical Services

1 supervisor-geologist-engineer, 2 months at $750/mo----------	$ 1,500.00	
1 outside consultant, 2 days at $100/day---------- 75	200.00 150	

(b) Labor

1 driller, 45 days at $40/day------	1,800.00	
1 drill helper, 40 days at $24/day-	960.00	
1 cook-handyman, 40 days at $16/day	640.00	
		$ 5,100.00

Category (3) - Operating Materials and Supplies		
Fuel, diesel oil, gasoline, etc.	$ 500.00	
Tools and spare parts	1,600.00	
Casing, 200 ft at $5/ft	1,000.00	
Field supplies, tents, cooking gear, etc.	600.00	
Office supplies, log book, drafting supplies, paper	200.00	
Food, 40 days at $20/day (4 people)	800.00	
		$ 4,700.00
Category (4) - Operating Equipment		
(a) Rental		
1 transit, 40 days at $1.50/day	$ 60.00	
1 truck, 1½ months at $200/mo	300.00	
(b) Purchases		
1 drill (used) and some tools	3,750.00	
1 tractor D-2 or equal (used)	1,700.00	
		$ 5,810.00
Category (7) - Miscellaneous		
Payroll taxes, insurance, compensation, etc.	$ 840.00	
Equipment repairs and maintenance	1,000.00	
Transportation of personnel, air fares, delays, etc.	1,700.00	
Transportation of equipment and supplies	2,700.00	
Accounting, office expense, communication, 3 months at $60/mo	180.00	
Assaying 100 samples - Pt and Au - at $6/ea	600.00	
		$ 7,020.00
Total of Stage I		$22,630.00

Stage II

Category (2) - Personal Services

(a) Supervision and Technical Services

1 supervisor-geologist-engineer, 7 months at $750/mo----------	$ 5,250.00	
1 outside consultant, 20 days at $100/day----------	2,000.00	

(b) Labor

1 driller, 150 days at $40/day------	6,000.00	
1 drill helper, 150 days at $24/day-	3,600.00	
1 cook-handyman, 150 days at $16/day	2,400.00	
		$19,250.00

Category (3) - Operating Materials and Supplies

Fuel, diesel oil, gasoline, etc----------	$ 2,000.00	
Tools and spare parts----------	800.00	
Casing, 200 ft at $5/ft----------	1,000.00	
Field supplies----------	2,500.00	
Office supplies----------	600.00	
Food, 155 days at $20/day (4 people)-------	3,100.00	
		$10,000.00

Category (4) - Operating Equipment

(a) Rental

1 transit, 100 days at $1/day-------	100.00	
		$ 100.00

Category (7) - Miscellaneous

Payroll taxes, insurance, compensation, etc.---	$ 2,200.00	
Equipment repairs and maintenance----------	2,000.00	
? Transportation of personnel----------	3,500.00	
Transportation of equipment and supplies-------	1,000.00	
Accounting, office expense, communications, 8 months at $60/mo----------	480.00	
Assaying, 500 samples - Pt and Au - at $6/ea---	3,000.00	
		$12,180.00
Total of Stage II------		$41,530.00
Total Estimated Cost of the Work----------		$64,160.00
Government Participation at 50 percent----		$32,080.00

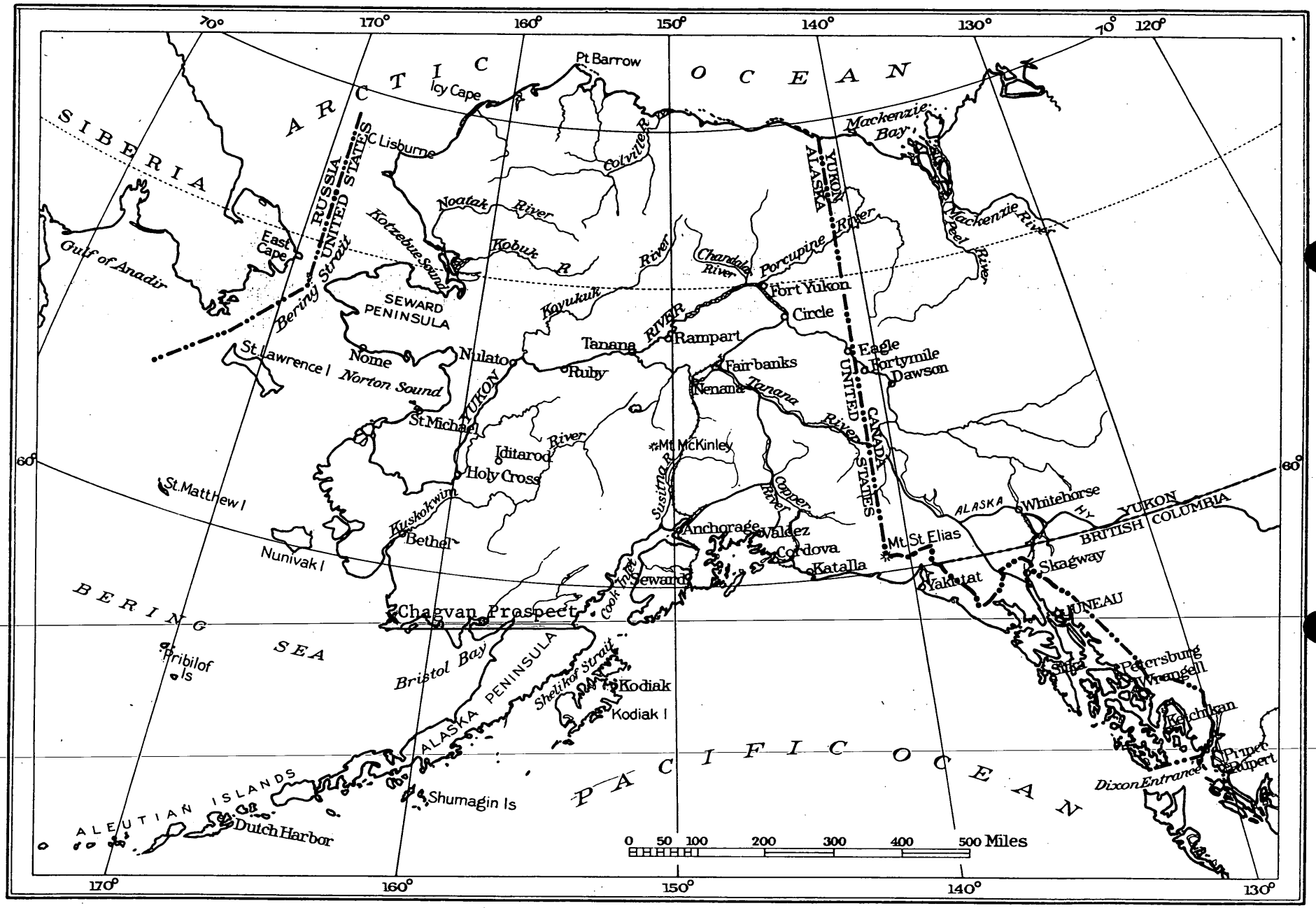


Figure 1.--Index map of Alaska.

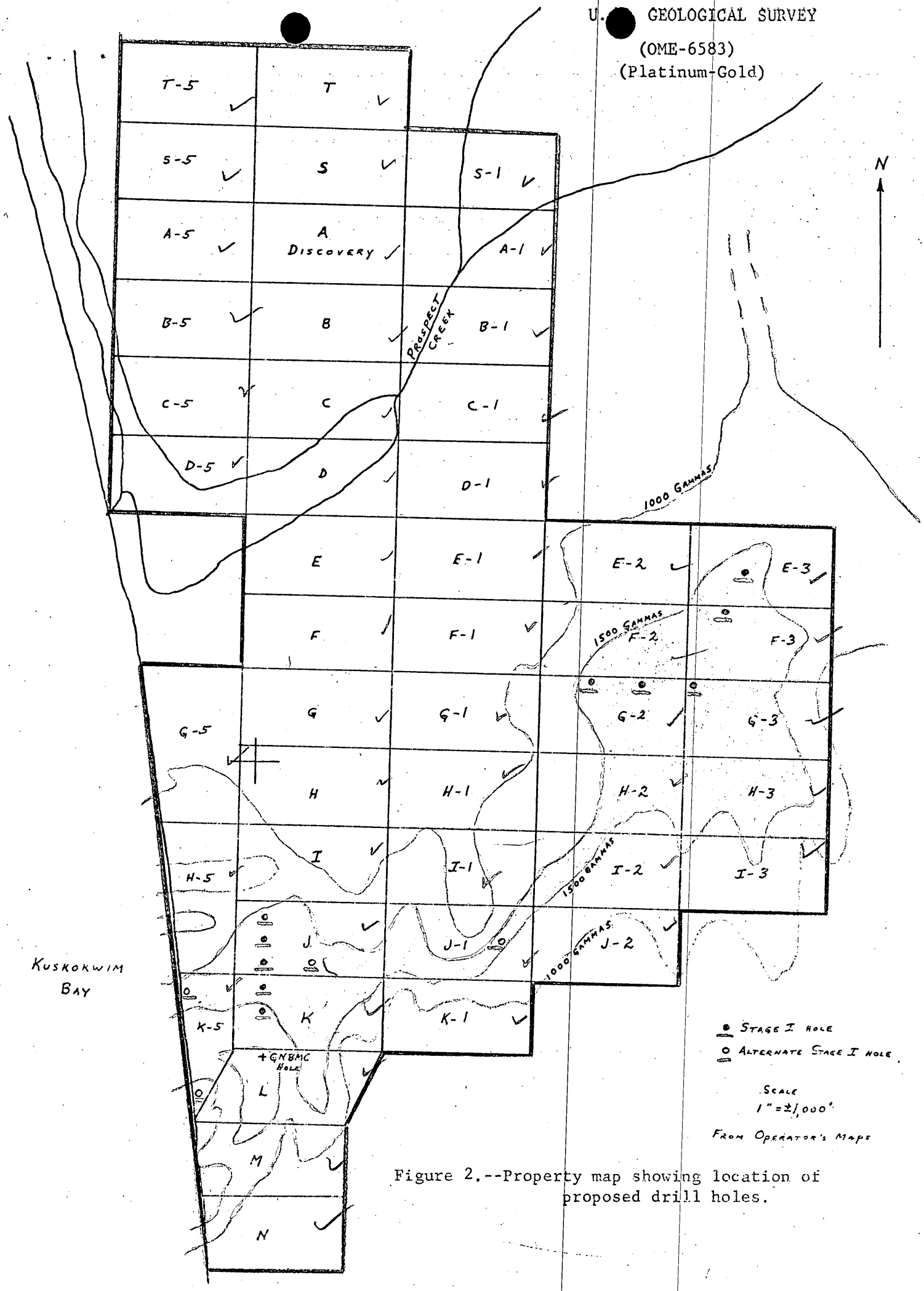


Figure 2.--Property map showing location of proposed drill holes.

OPTIONAL FORM NO. 10

UNITED STATES GOVERNMENT

Memorandum

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

DATE: January 9, 1967

FROM : J. M. Hoare, Geologist
Branch of Alaskan Geology

SUBJECT: Chagvan Platinum Prospect
Goodnews Bay, Alaska
OME-6583

Pertinent geologic reports are USGS Bull. 918, The Goodnews platinum deposits, Alaska, by J. B. Mertie, and USGS MGI maps I-321, I-339, by Hoare and Coonrad. The following comments and ideas are based upon the writer's experience in the area and Mertie's study of the Goodnews placers.

The country rock consists of altered flows and volcano-clastic rocks and chert of probable late Paleozoic age. It is intruded by a large ultramafic body (Red Mountain) which appears to be mostly pyroxenite. Red Mountain was the source of the platinum which has been mined for more than 30 years on the upper Salmon River and its tributaries.

In his "Advice to Prospectors," Mertie (p. 91-94) points out that it is inadvisable to look for placer deposits in glaciated areas because the placers (pre-Pleistocene age) are likely to be destroyed by ice action and outwash streams. He recognized that the area north of Red Mountain had been glaciated and concluded that Salmon River Valley had not been glaciated. D. M. Hopkins, who examined the area 5-6 years ago, told the writer that he felt that much of the gravel in Salmon Valley was of glacial origin and that the valley itself had almost certainly been occupied by ice which came down the Goodnews Valley. Hopkins also found ice-contact deposits in the sea cliffs south of Red Mountain near the mouth of Salmon River. These deposits were probably laid down by a glacier which came down Hagemeister Strait and across the lowland between Hagemeister Strait and Chagvan Bay.

It is apparent that Salmon River was shifted westward because the paystreak which has been mined is well east of the present channel. The map prepared by the applicant shows the magnetic anomalies as being a logical southern extension of this paystreak. It is reasonable to suppose that Salmon River once entered Kuskokwim Bay south of its present mouth and that the lower part of the river was forced westward by the ice which came from the east across Chagvan Bay. The very crude (and possibly erroneous) bathymetry shown on the Hagemeister map (MGI-321) suggests a possible seaward extension of this presumed old channel but none for the present course of Salmon River. The rise in sea level which accompanied the retreat of the ice would have prevented a similar channel off the mouth of the present stream.

I hope that the application will be approved because:

a) The preliminary field work and report appear to be adequate.

b) I think that the work is based upon sound geologic reasoning.

c) If anything of value is found it will provide great impetus for further search for buried placers by geophysical means.

d) If the anomalies turn out to be magnetic (ultramafic) bedrock, there is still a chance of finding placer platinum in the vicinity--either seaward or beneath the glacial deposits east and south.

e) I think a similar search should be made north of Red Mountain.

Joseph M. Hoare
Geologist

James R. Wylie

WYLIE ASSOCIATES
P. O. BOX 208,
APTOS, CALIFORNIA 95003
Phone: 408-688-4623
February 1, 1967

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

Dear Mr. Stager:

Attached in duplicate is a revised cost estimate together with a copy of a letter from Mr. Ward concerning his drilling rig.

As we discussed, the original estimate was not sufficient to cover all of the costs involved. This estimate should be much more accurate and should be sufficient to do the job properly.

I have extended the actual working period by 10 days to allow additional time in the event problems are encountered getting the holes down.

If you have any questions or wish to discuss this further please do not hesitate to contact me at your convenience.

Very truly yours,

James R. Wylie
WYLIE ASSOCIATES

JRW/nc
attach.

OME-6583

RECEIVED
FEB 3 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

CHAGVAN PLATINUM PROSPECT

REVISED ESTIMATED COSTS EXPLORATION DRILL PROGRAM

February 1, 1967

1967 SUMMER SEASON

INSURANCE: workman's comp, liability	500.
OFFICE SUPPLIES: paper, drafting sup, log books, forms	200.
ACCOUNTANT: Audit 3 months @ $60./mo.	180.
ENGINEER CONSULTANT:	200.
ASSAY: 100 samples @ $6./sample	600.
CAMP: field supplies, 2 tents, 3/8"CDX ply floor, work cl, 3 sleeping bags, cooking gear, extra rain gear,	600.
FOOD: 40 days @ $20./day (4 people)	800.
PERSONNEL: Driller 45 days @ $40./day	1800.
Drill Helper 40 days @ $24./day	960.
Cook-Handyman 40 days @ $16./day	640.
Payroll Taxes - benefits	340.
SUPERVISION: 2 months @ $750./month	1500.
TRANSPORTATION PERSONNEL: air fares	1400.
Travel Enroute (bad weather holdover - Bethel)	300.
EQUIPMENT RENTAL: Transit by operator 40 days @ $1.50/	60.
FUEL: Standard Oil Company @ Platinum	500.
DRILL: Purchase used Ft. Worth Spudder (1937), some tools	3750.
Additional Tools & Parts per attached	1600.
CASING: 200' 6 5/8", 5' lengths, threaded, $5./ft new	1000.
TRACTOR: Used D-2 or John Deer or equal	1700.
TRANSPORTATION: Equipment 1 way, dockage & handling	300.
Los Angeles - Seattle 14000# ship	450.
Bakersfield - Seattle 3000# rail	250.
Seattle - Platinum 17000# ship	1500.
Lighterage at Platinum	200.
Lease truck GNBMC 200./mo	300.
REPAIR EQUIPMENT: tools, replace,	1000.
TOTAL COST 1ST SEASON:	$22630.

one hole ?

1968 SUMMER SEASON:

INSURANCE: workmans comp, liability	$ 1000.
OFFICE SUPPLIES:	600.
ACCOUNTANT: Audit	1000.
ENGINEER CONSULTANT:	2000.
ASSAY:	3000.
CAMP: enlarge	2500.
FOOD: 155 days @ $20./day	3100.
PERSONNEL: Driller 150 days @ $40/day	6000.
Drill Helper 150 days @ $24./day	3600.
Cook Handiman 150 days @ $16./day	2400.
Payroll expenses	1200.
SUPERVISION: 7 months @ $750./mo	5250.
TRANSPORTATION PERSONNEL:	3000.
Travel Enroute	500.
EQUIPMENT RENTAL: Transit by operator 100 days @ $1./	100.
FUEL:	2000.

continued:

1968 SUMMER SEASON CONTINUED:

TOOLS: additional if required	800.
CASING: 200' additional if required	1000.
REPAIR EQUIPMENT:	2000.
EQUIPMENT TRANSPORTATION:	1000.
TOTAL COST 2nd SEASON:	$42050.

RECAP:

1967 SEASON:	1000' drilled @ $22.63/foot	$22630.
1968 SEASON:	5000' drilled @ $ 8.41/foot	$42050.
TOTAL BOTH SEASONS:	6000' @	$64680.

TOOLS & EQUIPMENT:

Swivel:	with rig	Belting	buy new
Stem	with rig	Belt clamps	buy new
Jars	with rig	screw jacks (2)	with rig
2 Bits	with rig	wood blocks	buy new
Tool Wrenchs	with rig	wire line	with rig
Cinch bar	with rig	drill cable	with rig
Vacuum Sand Pump	buy used	swivel pully	with rig
Fishing Tool	buy used	assorted wrenchs	buy new
Casing Pulling Cap	buy new	engine parts	buy new
Drive clamps	buy new	spare tire	buy new
Drive Shoe	buy new	babbit	buy new
Drive Cap	buy new	gold scales	buy used
Chain Tongs	buy new	sampling bottles	buy new
Drillers Log	buy new	rocker	buy used
Dump Box	buy new	volume bucket	buy used

"You're Covered!! Are You??"

FLOYD F. WARD

34932 YUCAIPA BOULEVARD — P. O. BOX 518

YUCAIPA, CALIFORNIA

Telephone: 797-9141

January 30, 1967

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

Dear Mr.Wylie:

I hereby give you first right of refusal with 14 days notice to purchase my rebuilt 1937 Fort Worth Spudder together with tools and alterations for $3750.00.

I hereby agree to deliver the rig within a radius of 100 miles of this city at this price.

Yours very truly

Floyd F. Ward

FLOYD F. WARD
FFW/ms

Representing HARTFORD FIRE INSURANCE COMPANY *and* HARTFORD ACCIDENT AND INDEMNITY COMPANY *of*

THE HARTFORD INSURANCE GROUP
HARTFORD, CONNECTICUT

James R. Wylie

WYLIE ASSOCIATES
P. O. BOX 208,
APTOS, CALIFORNIA 95003
408-688-4623
February 16, 1967

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

Dear Mr. Stager:

Attached in duplicate is a list of the 48 claims which were staked by Wylie Associates in the Goodnews Area of the Bethel Recordig District, Bethel, Alaska.

Attached also are copies of the 3 plats which were recorded showing the location of the claims.

Please let me know if you wish additional information.

Very truly yours,

James R. Wylie

JRW/nc

attachments

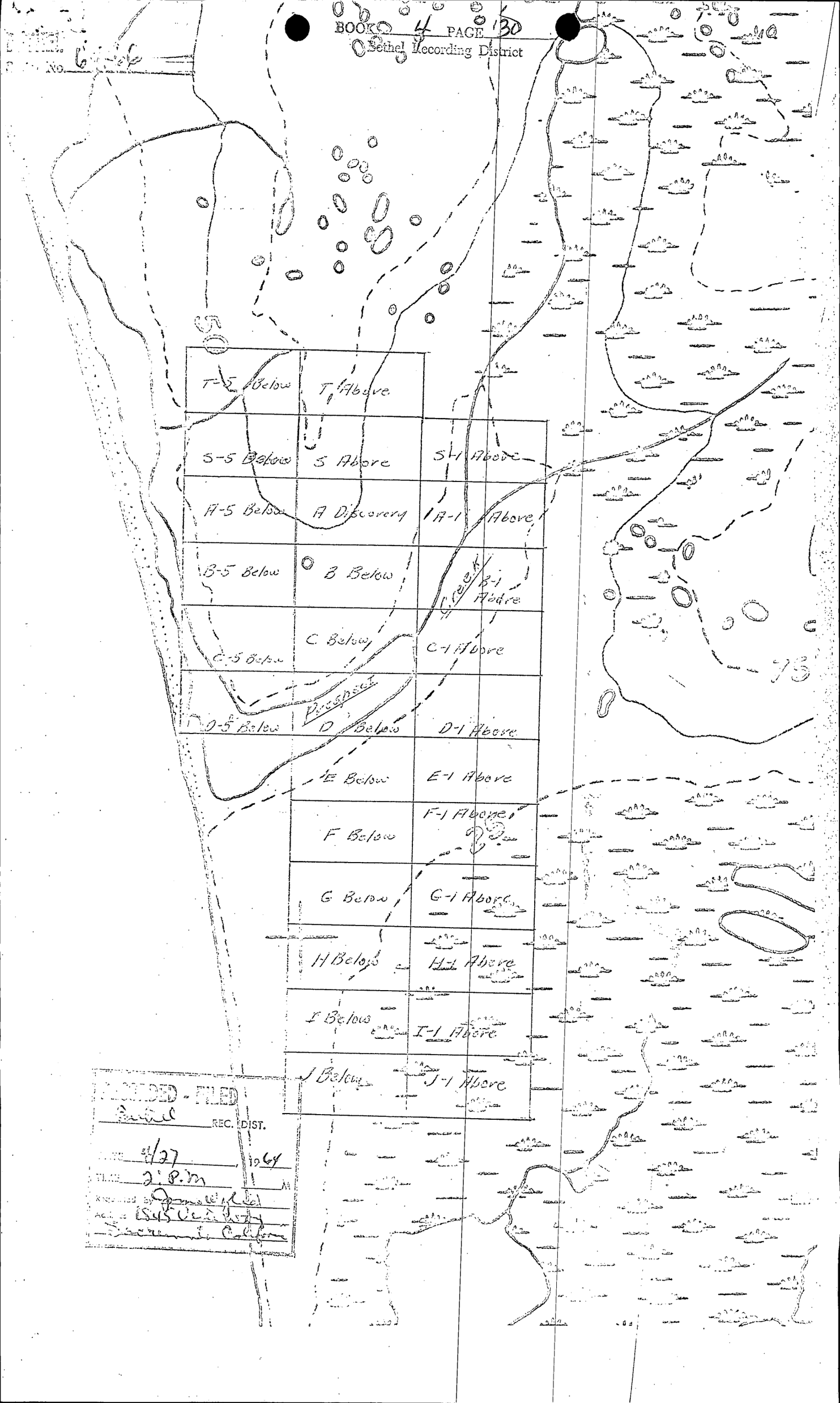
RECEIVED
FEB 17 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

CHAGVAN PLATINUM PROSPECT

WYLIE ASSOCIATES PLACER CLAIMS

NAME	STAKED	RECORDED	BOOK	PAGE	BETHEL SERIAL NO.
Discovery A	4-24-64	4-27-64	4	1	64-37
B Below	4-24-64	4-27-64	4	2	64-38
C Below	"	"	4	3	64-39
D Below	"	"	4	4	64-40
E Below	"	"	4	5	64-41
F Below	"	"	4	6	64-42
G Below	4-25-64	"	4	7	64-43
H Below	"	"	4	8	64-44
I Below	"	"	4	9	64-45
J Below	"	"	4	10	64-46
S Above	4-24-64	"	4	11	64-47
T Above	"	"	4	12	64-48
A-1 Above	"	"	4	13	64-49
B-1 Above	4-25-64	"	4	14	64-50
C-1 Above	"	"	4	15	64-51
D-1 Above	"	"	4	16	64-52
E-1 Above	"	"	4	17	64-53
F-1 Above	"	"	4	18	64-54
G-1 Above	"	"	4	19	64-55
H-1 Above	"	"	4	20	64-56
I-1 Above	"	"	4	21	64-57
J-1 Above	"	"	4	22	64-58
S-1 Above	4-24-64	"	4	23	64-59
A-5 Below	"	"	4	24	64-60
B-5 Below	"	"	4	25	64-61
C-5 Below	"	"	4	26	64-62
D-5 Below	"	"	4	27	64-63
S-5 Below	"	"	4	28	64-64
T-5 Below	"	"	4	29	64-65
K Below	8-15-66	8-24-66	5	73	66-123
L Below	"	"	5	74	66-124
M Below	"	"	5	75	66-125
N Below	"	"	5	76	66-126
H-5 Below	"	"	5	77	66-127
K-5 Below	"	"	5	78	66-128
E-2	11-6-66	11-9-66	5	104	66-189
F-2	"	"	5	105	66-190
G-2	"	"	5	106	66-191
H-2	"	"	5	107	66-192
I-2	"	"	5	108	66-193
J-2	"	"	5	109	66-194
E-3	"	"	5	110	66-195
F-3	"	"	5	111	66-196
G-3	"	"	5	112	66-197
H-3	"	"	5	113	66-198
I-3	"	"	5	114	66-199
K-1	"	"	5	115	66-200
G-5 Below	"	"	5	116	66-201

MAPS FILED SHOWING ABOVE CLAIMS				
#1	4-27-64	4	30	64-66
#2	8-24-66	5	79	66-129
#3	11-9-66	5	117	66-202

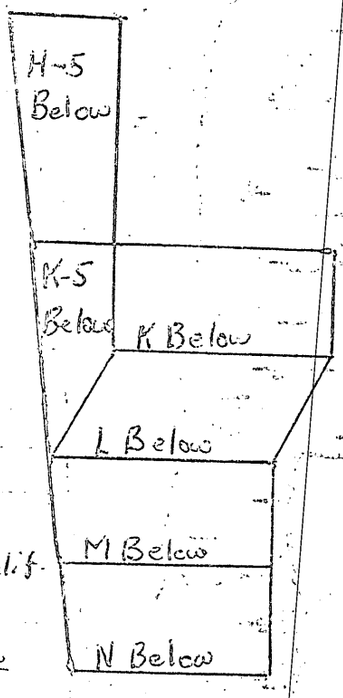

T-5 Below
T Above
S-5 Below
S Above
S-1 Above
A-5 Below
A Discovery
A-1 Above
B-5 Below
B Below
B-1 Above
C-5 Below
C Below
C-1 Above
D-5 Below
Prospect
D Below
D-1 Above
E Below
E-1 Above
F Below
F-1 Above
G Below
G-1 Above
H Below
H-1 Above
I Below
I-1 Above
J Below
J-1 Above
RECORDED - FILED
Bethel
REC. DIST.
DATE 4/27 1964
TIME 2:8 p.m.
M
Recorded by
Address
Sacramento California

BETHEL
Serial No. 66-129

BOOK 5 PAGE 79
Bethel Recording District

Kuskokwim Bay

Portion of USGS Topographic Map Blown up to Scale 1" = 1000' of area south of Salmon River along Kuskokwim Bay.



Six placer claims staked for Wylie Associates by James R. Wylie Box 208, Aptos, Calif. on August 15, 1966 Witness Kevin Bruce

Note: Beach claim markers are on Bluff above beach. Claims are intended to run to the Kuskokwim Bay waters.

James R. Wylie
(8-16-66)

RECORDED - FILED
Bethel REC. DIST.
DATE 8/24 1966
TIME 10:07 A.M.
Requested by James Wylie
Address Box 208 Aptos California

BETHEL 66-202
Serial No.

BOOK 5 PAGE 47
Bethel Recording District

Kuskokwim Bay

N

Portion of USGS Topographic Map Blown up to Scale 1:1000 approx. of Area South of Salmon River along Kuskokwim Bay.

G-5 Below

E-2	E-3
F-2	F-3
G-2	G-3
H-2	H-3
I-2	I-3
J-2	

K-1 Below

Thirteen (13) placer claims staked for Wayne Associates by James R. Wayne, Box 208, Eprios, California on November 6, 1966.

Witnessed by:
Lewis A. Small

James R. Wayne
Nov 8, 1966

RECORDED - FILED
Bethel REC.-DIST.
DATE 11 9 1966
TIME 10:58 A.M.
Requested by Wayne
Address Box 208
Eprios California

MMS Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/15	Peterson	120P
12/15/66	Kirkemo	120K
		110
12/15	cal	220
		120M

Memorandum

To: Field Officer, Region II

From: Chief, Office of Minerals Exploration

Subject: CMM-6583 (Platinum and Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

The subject application is being referred to you for further consideration and recommendations.

We agree a field examination is not necessary in this instance as the swamp or muskeg that covers most of the property would prevent the gathering of much additional data. However, in the event that a contract is contemplated, we suggest you discuss the proposed project further with Mr. Joseph M. Hoare of the USGS Alaskan Branch in Menlo Park. A favorable recommendation in writing by Mr. Hoare, who apparently has considerable knowledge of the project area, would be excellent support for the proposed work.

The application is well prepared and complete. We note under the estimated cost section the two items listed as miscellaneous. These anticipated expenses should be itemized and not shown in lump sum figures only. Also, no allowances are indicated for assaying costs during the second season.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
130
Peterson

ECPeterson/mm (12/15/66)

23263

MMS Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/15	Peters	1207
12/15/66	Kirkham	120
		110
		220
		1207

Wylie Associates
c/o James R. Wylie
P. O. Box 208
Aptos, California 95003

DEC 15 1966

Re: OME-6583 (Platinum and Gold)
Wylie Associates
Chagvan Prospect
Bethel Recording District, Alaska

Gentlemen:

Your application for financial assistance to explore the subject property has been reviewed here in Washington and referred to Mr. Harold K. Stager, Field Officer, Region II, Office of Minerals Exploration, U. S. Geological Survey, 345 Middlefield Road, Menlo Park, California 94025.

Mr. Stager will notify you if additional information concerning the application is needed.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
Region 2 (2)
Peterson

ECPeterson/mm (12/15/66)

23263

November 23, 1966

Wylie Associates
c/o James R. Wylie
P. O. Box 208
Aptos, California 95003

Subject: OME-6583

Dear Mr. Wylie:

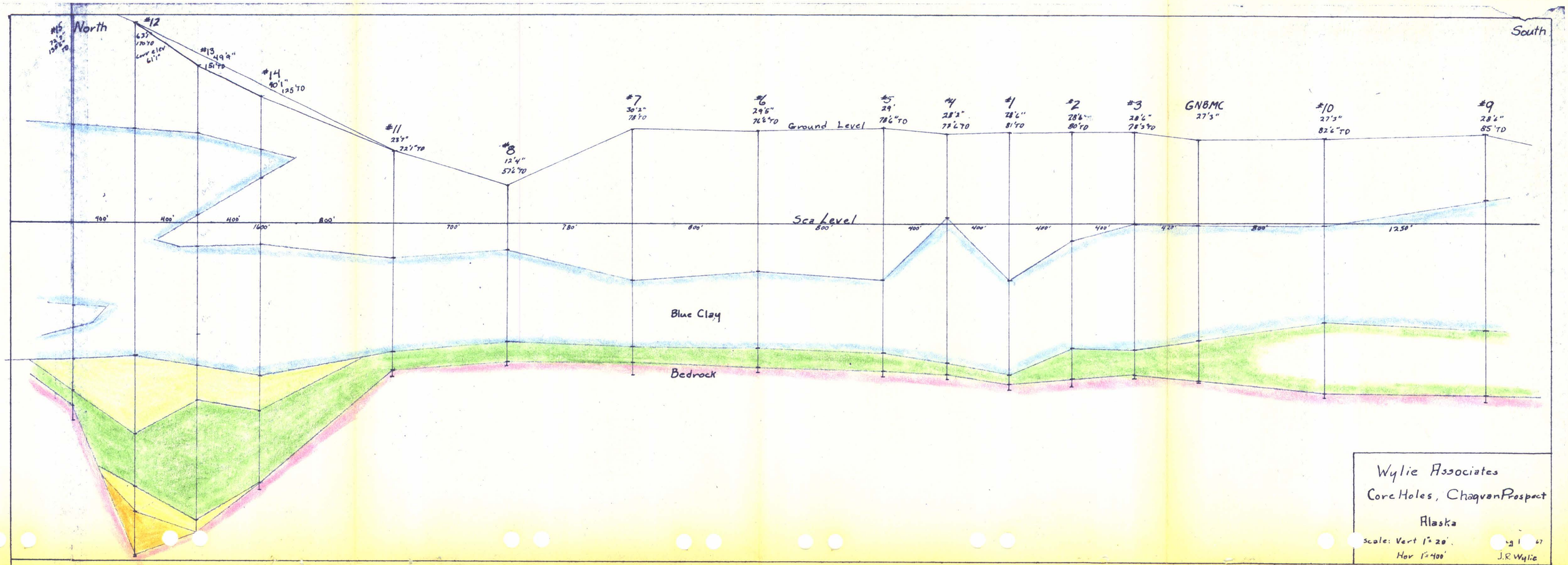
Your application for exploration assistance, dated November 20, 1966, submitted to our office at Menlo Park, California, has been assigned Docket No. OME - 6583.

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

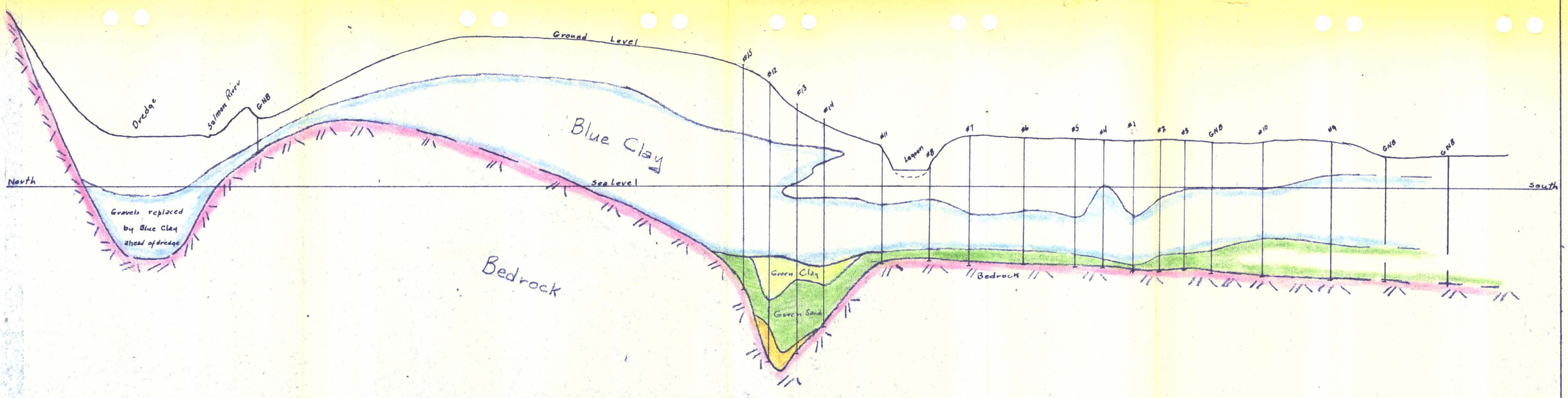
Sincerely yours,

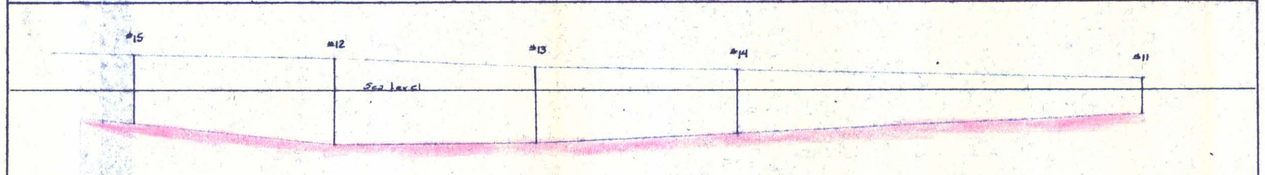
Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region II



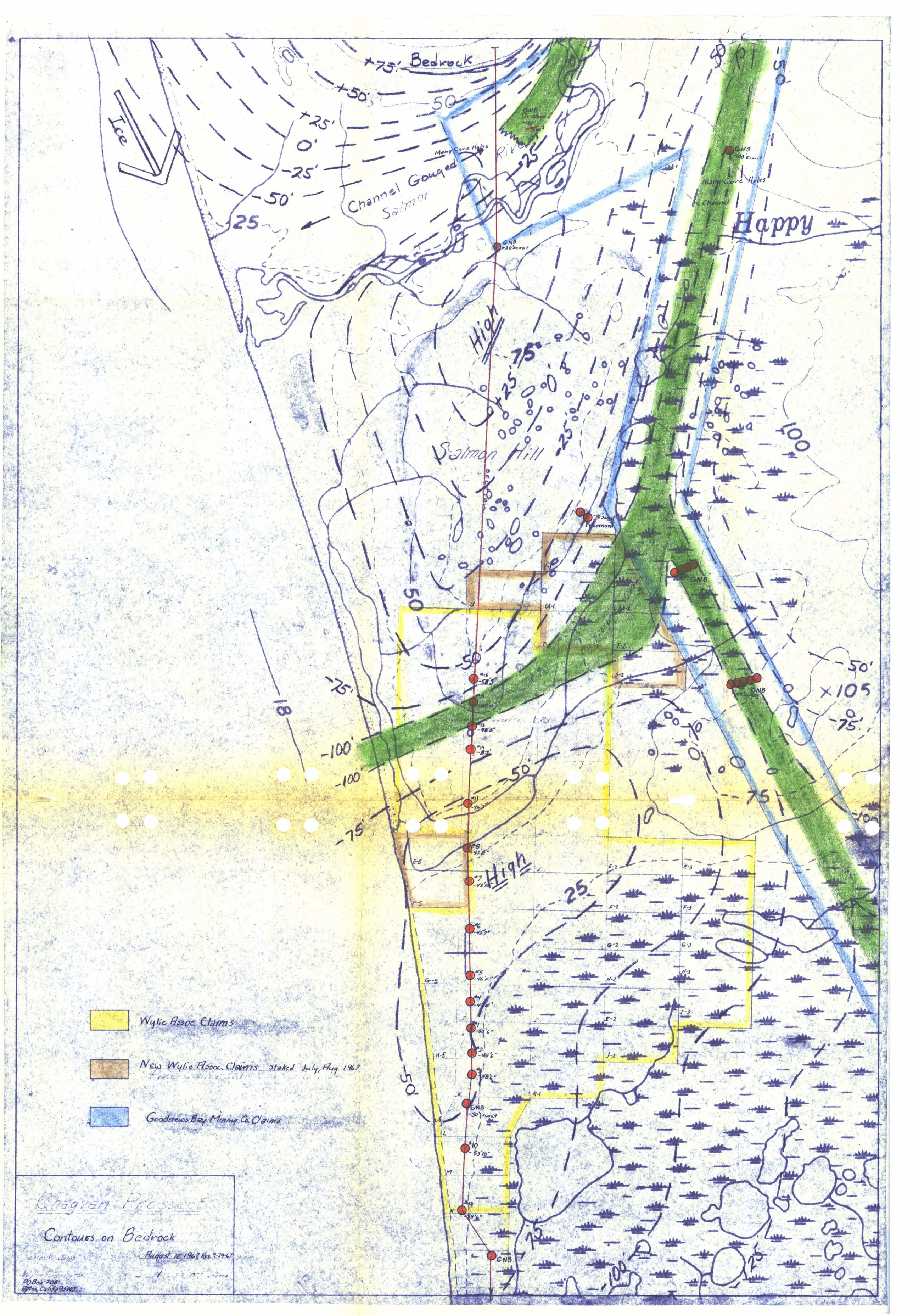
Wylie Associates
Core Holes, Chaqvan Prospect
Alaska
Scale: Vert 1" = 20'
Hor 1" = 400'
Aug 1 67
J.R. Wylie

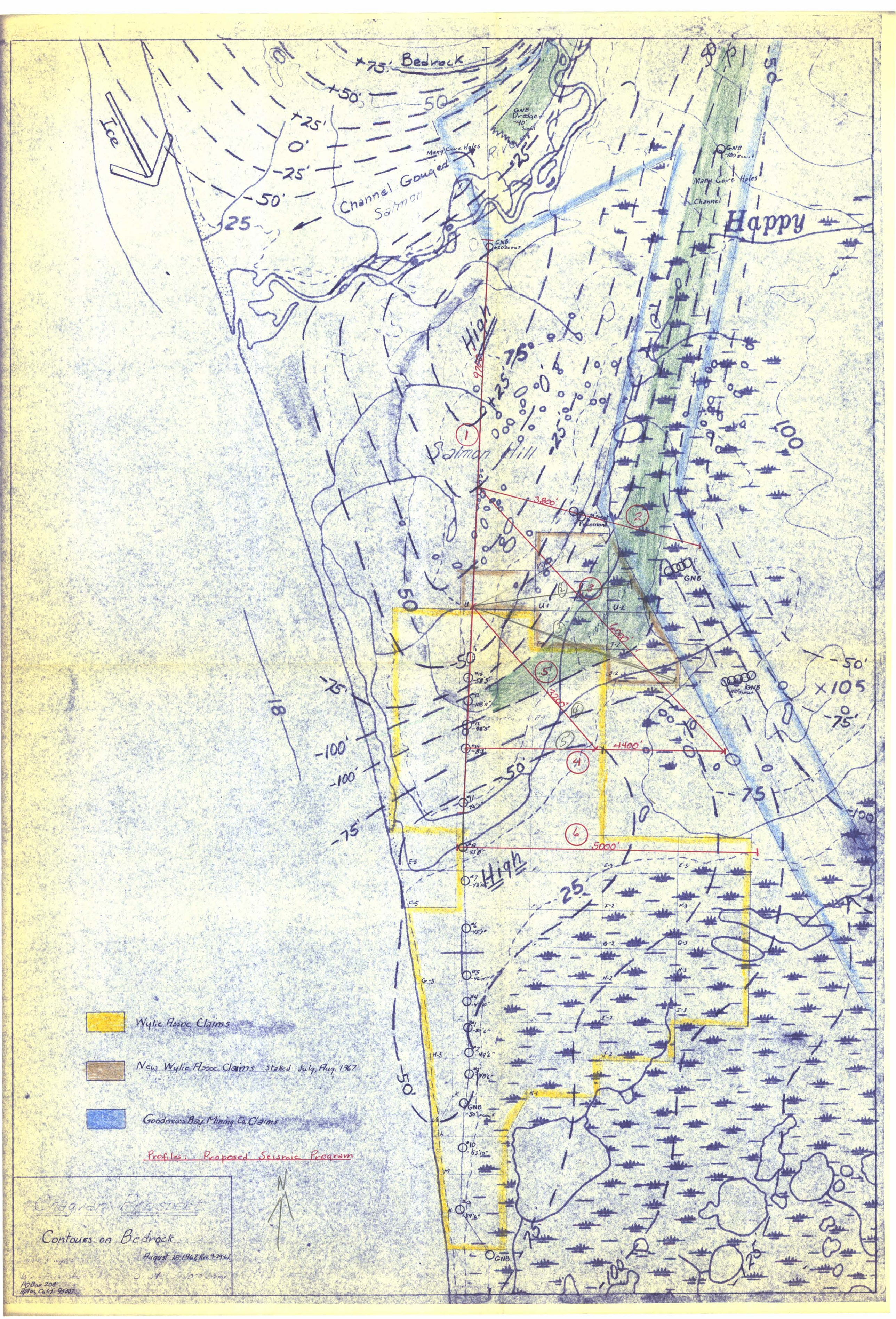


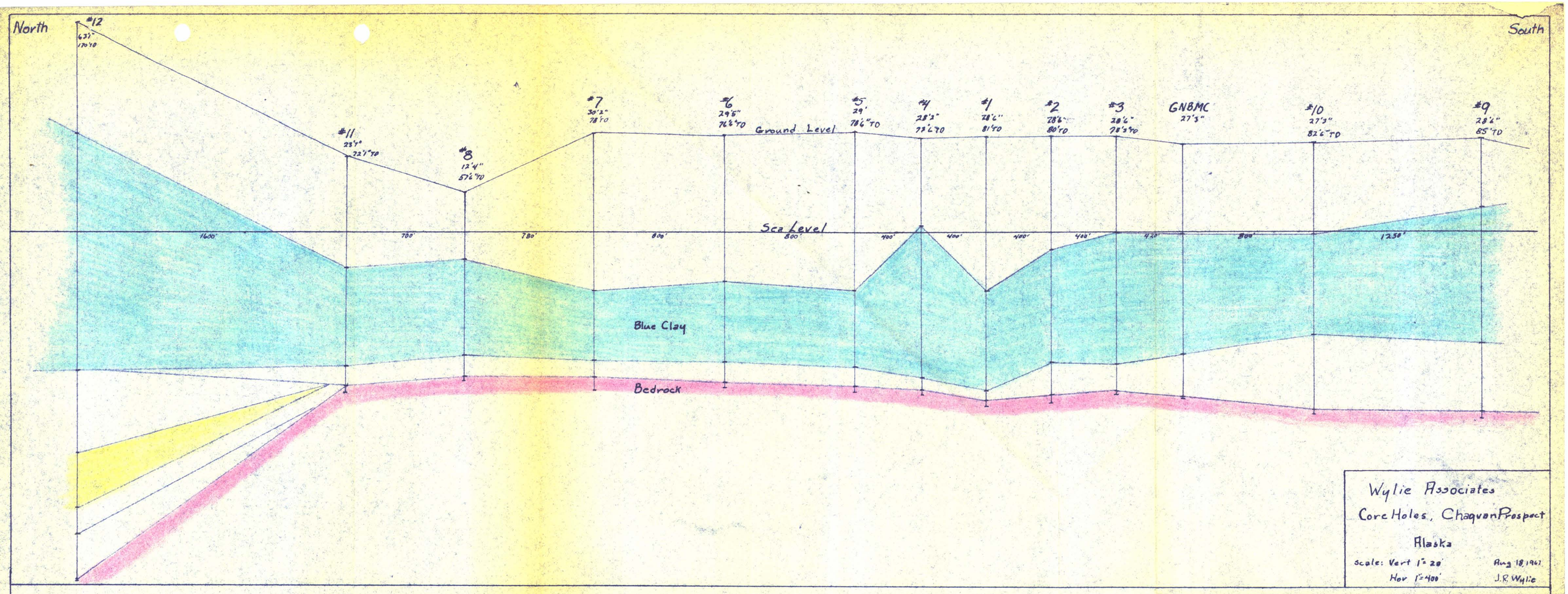


North-South Section
Scale: Hor 1" = 200'
Vert 1" = 200'
Rev. 9-29-67

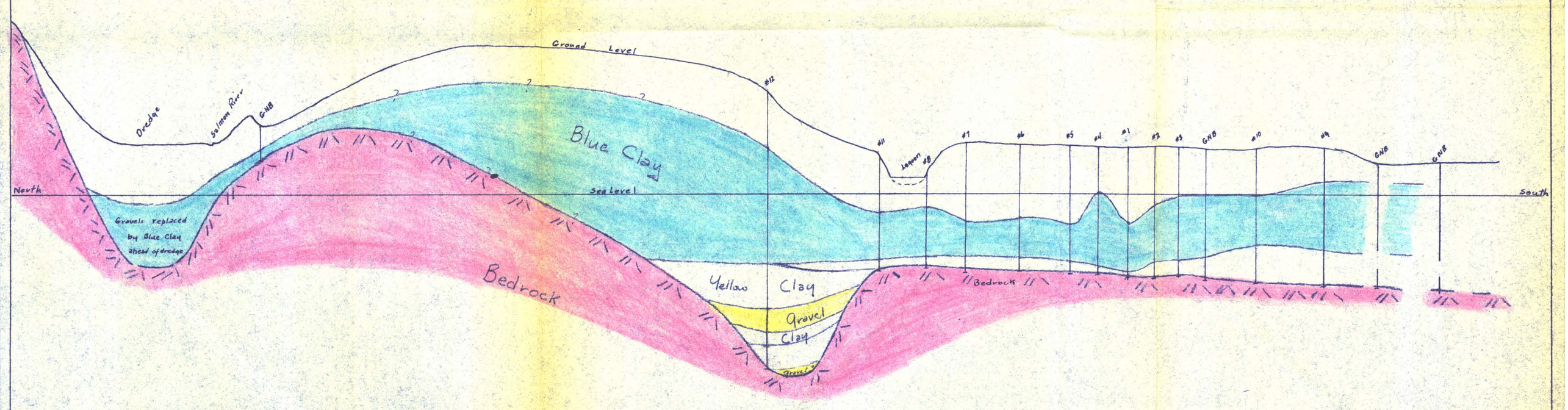
Wylie Associates
Salmon River - Chaqvan Spit
North-South Section
Chaqvan Prospect
Scale Hor 1" = 1000'
Vert 1" = 40'
Aug 18, 1967
J.R. Wylie


Bedrock
Ice
Many Cove Holes
Channel Gouged
Salmon River
High
Salmon Hill
Many Cove Holes
Channel
Happy
Wylie Assoc. Claims
New Wylie Assoc. Claims staked July, Aug. 1967
Goodnews Bay Mining Co. Claims
Chagvan Prospect
Contours on Bedrock
August 18, 1967 Rev. 9-29-67
PO Box 208
Aptos, Calif. 95003

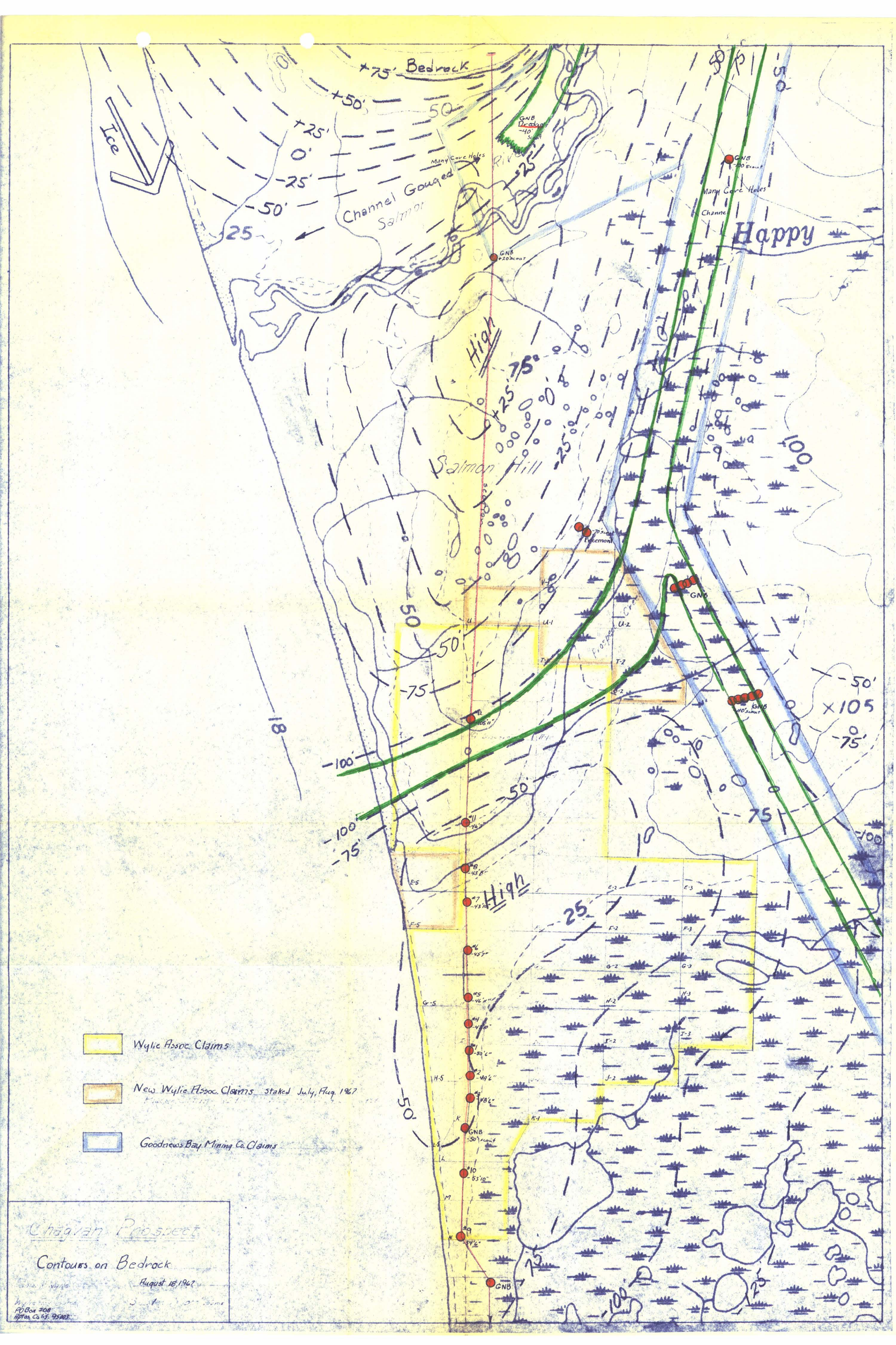

Bedrock
Ice
Many Cove Holes
Channel Gouged
Salmon
River
GNB Dredge -40 scout
GNB -100' scout
Many Cove Holes
Channel
Happy
GNB -20' scout
Hiatus
Salmon Hill
Piedmont
GNB
High
Wylie Assoc. Claims
New Wylie Assoc. Claims staked July, Aug. 1967
Goodnews Bay Mining Co. Claims
Profiles: Proposed Seismic Program
Chagvan Prospect
Contours on Bedrock
August 18, 1967 Rev. 9-29-67
PO Box 208
Aptos, Calif. 95003

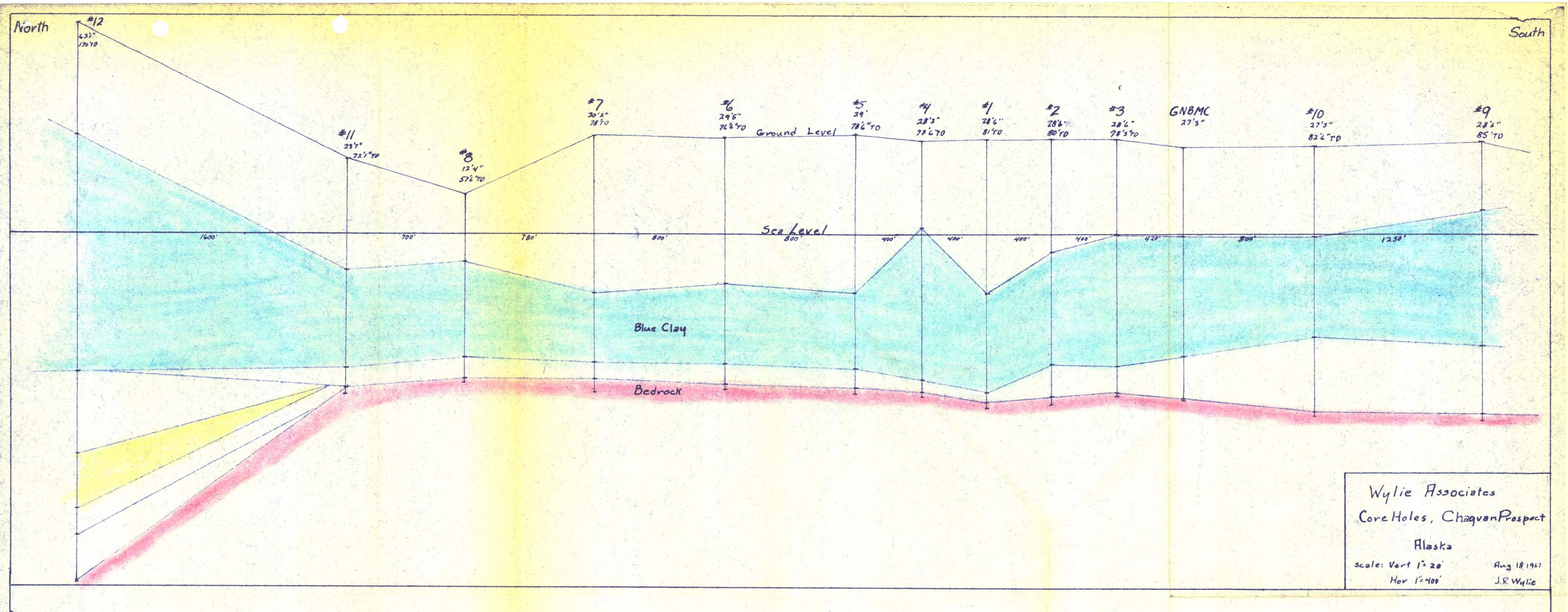


Wylie Associates
Core Holes, Chaqvan Prospect
Alaska
Scale: Vert 1" = 20'
Hor 1" = 400'
Aug 18, 1967
J.R. Wylie

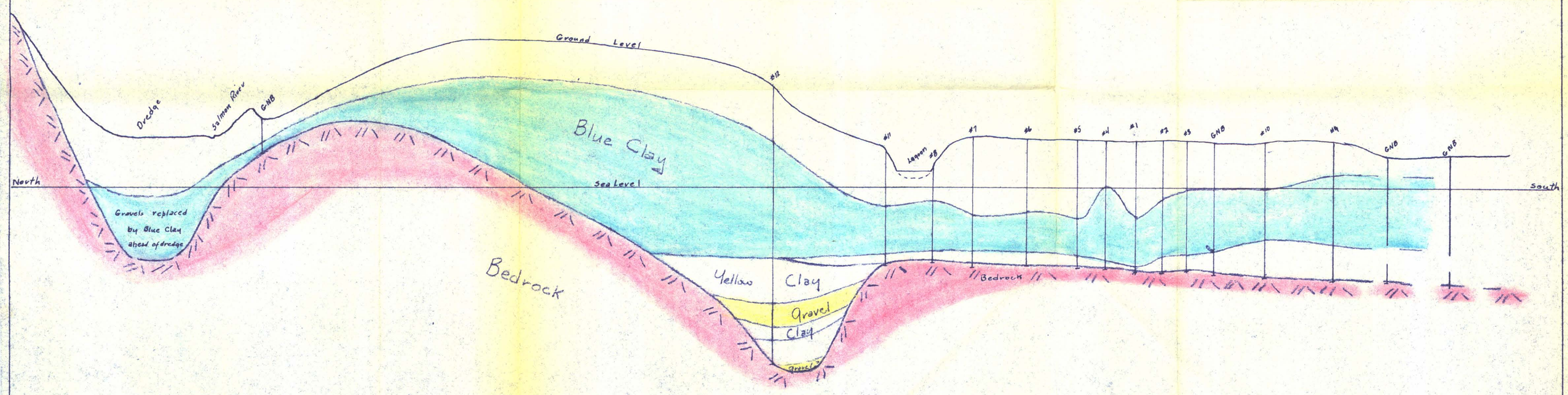


Wylie Associates
Salmon River - Chaqvan Spit
North - South Section
Chaqvan Prospect
Scale Hor 1" = 1000'
Vert 1" = 40'
Aug 18, 1967
J.R. Wylie

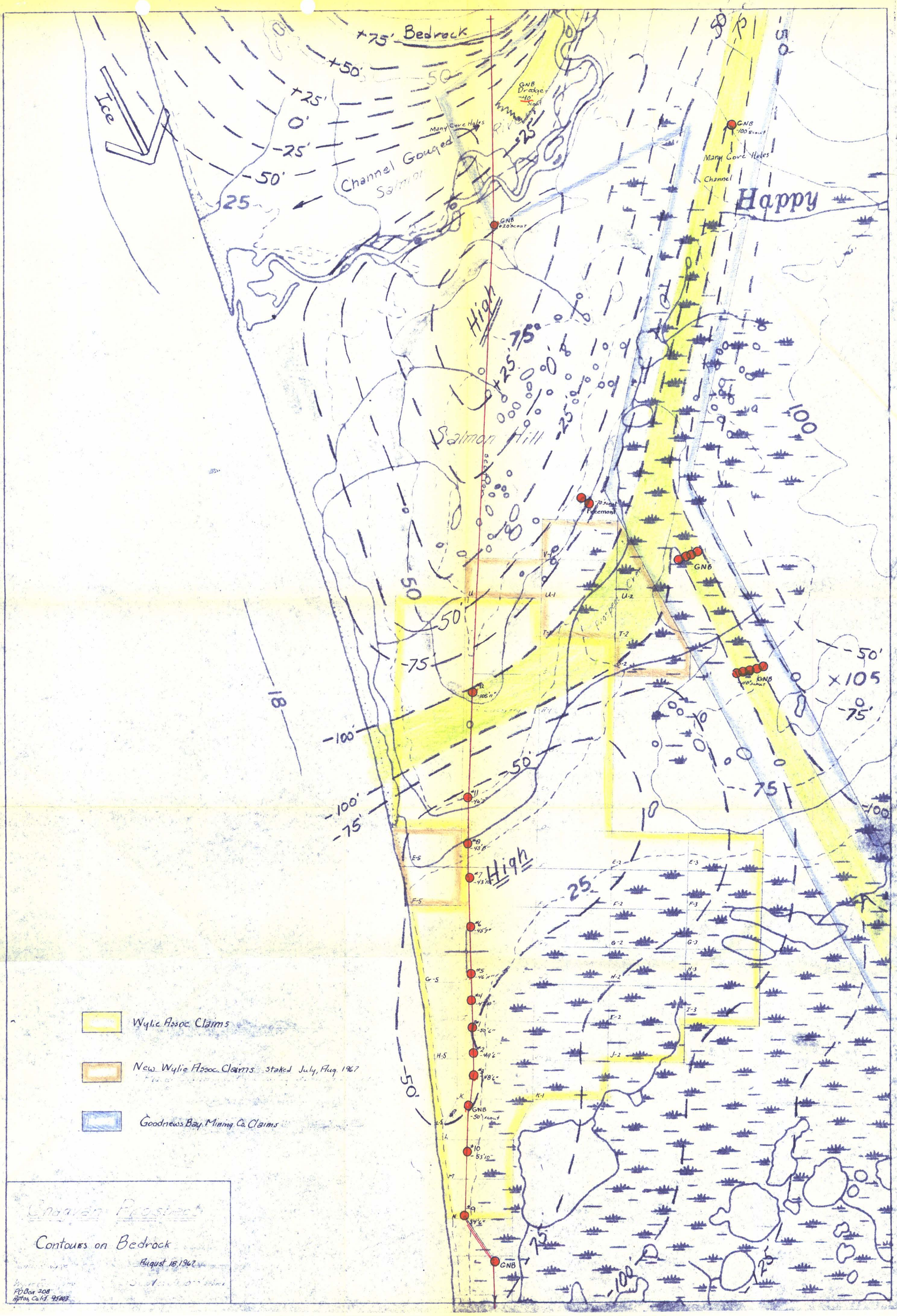

+75' Bedrock
+50'
+25'
0'
-25'
-50'
Ice
Channel Gouged
Salmon
River
Many Core Holes
GNB Drobe -40' Scout
GNB +20' Scout
GNB -100' Scout
Many Core Holes
Channel
Happy
High
Salmon Hill
Freemont
GN6
GN16
110' Scout
Prospect Creek
U-1
U-2
T-2
105'11"
46'3"
45'8"
43'10"
45'7"
46'11"
49'6"
48'6"
GNB -50' scout
53'10"
54'6"
GNB
Wylie Assoc. Claims
New Wylie Assoc. Claims staked July, Aug. 1967
Goodnews Bay Mining Co. Claims
Chagvan Prospect
Contours on Bedrock
August 18, 1967
PO Box 208
Aptos, Calif. 95003



Wylie Associates
Core Holes, Chaqvan Prospect
Alaska
Scale: Vert 1" = 20' Hor 1" = 400'
Aug 18, 1967
J.R. Wylie



Wylie Associates
Salmon River - Chaqvan Spit
North - South Section
Chaqvan Prospect
Scale Hor 1" = 1000' Vert 1" = 40'
Aug 18, 1967
J.R. Wylie


+75' Bedrock
+50'
+25'
0'
-25'
-50'
Ice
Channel Gouged
Salmon
Many Core Holes
GNB Dredge -40' Scout
GNB -100' Scout
Many Core Holes
Channel
Happy
GNB +20' Scout
High
Salmon Hill
Fremont
GNB
Proposed
GNB -110' Scout
GNB -50' Scout
GNB
Wylie Assoc. Claims
New Wylie Assoc. Claims staked July, Aug. 1967
Goodnews Bay Mining Co. Claims
Chagvan Prospect
Contours on Bedrock
August 18, 1967
PO Box 208
Aptos, Calif. 95003