MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6853

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- [ ] Withdrawn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

Right Side

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

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

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

Additional Folders:

Left Side

Folders No. _____: Reports

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

Right Side

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

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

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

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O. M. E.
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AUG 30 1971
INITIALS CODE
CC 120 M
HK 120

Don Clark
Box 1846
Vancouver, Wa 98663

Aug 25, 1971

US Department of the Interior
Office of Minerals Exploration
656 US Court House
W. 920 Riverside Ave.
Spokane, Wa 99201

Dear Mr. Puffett:

Re: OME-6853 (Gold)

At last I have a new Power of Attorney from Thelma Clark and Leonard Clark. A copy is enclosed for your files.

I am departing for Idaho and the mining ground Aug 28th and will spend one week with Ben Cook lining up the progression of the tests we want to perform. There is always other work to do each year such as checking on corners, etc and that has to be done at this time too.

I have received notice from the USFS that their examiners will be on the ground to complete what they started on Echo Group #1 last fall on Sept 27th and will be there for two weeks. Hopefully, we will have completed some of our other tests and they can view some of those endeavors as well.

I shall return to Vancouver on Sept 4th or 5th - hoping to have some word from your office by then!

Sincerely,

Don Clark

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AUG 27 1971
O. M. E.
SPOKANE, WASH.

Specific Power of Attorney

KNOW ALL MEN BY THESE PRESENT: That We, Thelma Mitchell, Thelma Clark) and Leonard Clark, the undersigned, do hereby duly appoint Donald L. Clark to act as our true and lawful attorney (agent), for us and in our stead until Jan. I, 1972.

Giving and granting unto said attorney full power and authority to do and perform about the premises, and fully to all intents and purposes as we might or could do if personally present; Hereby Ratifying and confirming all that our said attorney shall lawfully do or cause to be done by virtue of these presents concerning and specifically limited to:

1. Sign all papers and documents that will be necessary in order to place application for patent to certain placer claims in which we own joint interests, known and recorded as "CLARK GROUP NO.I", "L&B CLAIM", " ECHO GROUP NO.2", and BObbie Groups No. I &2", which are placer claims Located in TS 22 N, R 5 E, BM in Idaho County, Idaho (Warren Mining District).

2. To amend the aforesaid placer claims to conform to legal subdivisions as might be required.

3. To erect such monuments and corner post as required as a result of amended locations.

4. To arrange for and/ or perform such annual assessment work as is required to be performed. This is to be done at no cost to either Leonard Clark or Thelma Mitchell.

5. To sign and file proof of labor on each of theclaims or groups of claims as required by law.

6. In the event of adverse claims, protests or conflicts arising during the course of the application for patent, to take whatever action may be required to clear such adverse claims, protests or conflicts.

7. To deal directly or through an attorney selected by him with the Idaho Land Office, Bureau of Land Management, U.S. Department of the Interior.

8. To deal directly or through an attorney selected by him with the Office of Exploration and Development, BLM or with such other agencies as may be required in the development of the properties named.

This Specific Power of Attorney shall be binding upon the heirs, executors, administrators and proper assigns of the respective parties hereto.

In WITNESS HEREOF, We have hereto set our hands and seals, the day and year written below:

Thelma Mitchell	Witness	Date
Leonard Clark	Witness	Date 20 Aug 1971

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AUG 27 1971
O. M. E.
SPOKANE, WASH.

ROUTING AND TRANSMITTAL SLIP

			ACTION
1 TO (Name, office symbol or location)	INITIALS	CIRCULATE	
Chief, Office of Minerals Exploration	DATE	COORDINATION	
2 Re: OME 6853 (Gold) Clarko, Inc. Echo, Clark Group, et al., Claims	INITIALS	FILE	
	DATE	INFORMATION	
3 Idaho County, Idaho	INITIALS	NOTE AND RETURN	
	DATE	PER CONVERSATION	
4	INITIALS	SEE ME	
	DATE	SIGNATURE	

REMARKS

Attached is bid for bulldozer and backhoe work from Robert Newcomb. I hope to get a report prepared with recommendation on this application this week.

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SEP 2 1971
INITIALS | CODE
Cal 1:20 pm
~~HR 1:20~~

Do NOT use this form as a RECORD of approvals, concurrences, disapprovals, clearances, and similar actions.

FROM (Name, office symbol or location)	DATE
Willard P. Puffett Field Officer, Region I WPP	8/31/71
	PHONE

OPTIONAL FORM 41
AUGUST 1967
GSA FPMR (41CFR) 100-11.206

GPO : 1967 O—300-455 (8-H) 5041-101

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AUG 31 1971
U.M.E.
SPOKANE, WASH.

8-24-71
Date

Don Clark
Box 1846
Vancouver, Wa 98663

Re: Bid for Clarko, Inc. in connection with planned exploration program, 1971.

Note: This bid replaces former estimates made due to the change in plans to utilize the backhoe and the bulldozer-backhoe combination on all holes in lieu of previously planned backhoe - churndrill combination.

95 Bulldozer cuts - estimate 95 hours at $ 15.00 per hr. Total $ 1425.00

5 Days Bulldozer work for access road work on bench areas: estimate 40 hours at $ 15.00 per hr. Total $ 600.00

125 Backhoe holes - estimate 1¼ hrs per hole at $ 14.00 per hr: Total $ 2185.00

Contingency Reserve to be used only on direction and concurrence of D. L. Clark, Treasurer, Clarko, Inc. for unforeseen equipment & labor expense: Total $ 1,000.00

Total Bid:...$ 5210.00

Robert F. Newcomb
ROBERT NEWCOMB

United States Department of the Interior

GEOLOGICAL SURVEY
Office of Minerals Exploration
Rm 656 U. S. Courthouse
W920 Riverside Avenue
Spokane, Washington 99201

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June 3, 1971

Memorandum:

To: Chief, Office of Minerals Exploration
From: Field Officer, Region I
Subject: New application (Gold and others)
Clarko Inc.
Golden Rule Mining and Development
Echo, Clark Group, Lybot and I&B Claims
Idaho County, Idaho

Enclosed is an application from Clarko, Inc. for OME assistance to explore placer claims southeast of Burgdorf, Idaho, for gold, rutile, tantalum, columbium, corundum, monazite, rare earths, and thorium, by drilling and backhoe trenching. Missing from the application are bids for the drilling and backhoe work. Mr. Clark, treasurer of Clarko, Inc., will get the bids and forward them at an early date. Total estimated cost of the proposed work is $13,960.00.

There is only one copy of the large maps designated Exhibit 3 (1), 3(5), and 5(1). Please return these to me if a field examination is requested. Exhibit 2(5)-2, a specific power of attorney in which Thelma Clark and Leonard Clark appoint Donald L. Clark as their attorney, is null and void after January 1, 1971. Mr. Donald Clark will obtain a new power of attorney with a later termination date.

A good description of the placer deposits that are subject of the application is in Idaho Bureau of Mines and Geology Pamphlet 52, pages 39 to 43. I believe the main commodity is gold and have so indicated to the applicant. He (Mr. Clark) seems willing to drop the other commodities as objectives of the exploration.

The application is fairly complete except for the omissions mentioned above. It will be important to determine the competence and experience of those who will be directing the work. The estimated cost of the work is quite modest and I wonder if the costs are realistic; this can be better determined after the bids are received for the drilling and backhoe work.

Willard P. Puffett

Willard P. Puffett

Enclosures

MME Form 40
(Revised Nov. 68)

Budget Bureau No. 42-R1368
Approval expires Dec. 1971

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JUN - 1 1971
O. M. E.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICIAL COPY M. E. RECEIVED JUN 1971 MINERALS OFFICE

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.)*

CLARKO, INC.
Golden Rule Mining & Development
Box 227
New Meadows, Idaho 83654

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6853

DATE RECEIVED: 6-4-71

REGION: I

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

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

STATE IN WHICH FIRM IS ORGANIZED: Idaho

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
Francis Clifford	9510 St Helens Ave, Vancouver Wash 98661	President
Harold Stover	325 Eastlake Ave, E., Seattle Wash	Vice Pres
Don Clark home Tel-694 8762	4020 E Evergreen Blvd, Vancouver, Wa 98661 Bus 695-3441	Treasurer
Curtis Ebel	718 NW 80th St, Vancouver, Wash 98663	Secretary

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Gold, Rutile, Tantalum - plus Columbium, Corundum, Monazite, Rare Earths, Thorium

ESTIMATED COST OF PROJECT: $13,960.00

PROPERTY NAME	LOCATION COUNTY	STATE
Placer Claims - Echo 1 & 2, Clark Gp 1, Lybot 1 & L&B	Idaho	Idaho

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. II). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Department of the Interior, U.S. Geological Survey, Office of Minerals Exploration, Washington, D. C., 20242, or with the nearest OME Field Office.*

CERTIFICATION

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

28 May 1971
DATED

Clarko, Inc:
D. L. Clark BY *(Signature)*
Treasurer
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 (1) true copies of your letters to credit sources which show date of loan request, amount and terms requested, and proposed use of loan funds and (2) true copies of replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

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

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

2. Applicant's Rights in Land:

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

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

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements signed by owner on MME Form 52. If the agreements cannot be obtained, state reasons and whether you can furnish a performance bond.

3. Physical Description:

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

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

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

(d) Describe known ore reserves, giving quantities and grades.

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

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

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

4. Accessibility of Property:

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

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

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show 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 time and materials *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

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

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

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

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

RECEIVED
JUN - 1 1971
O. M. E.
SPOKANE, WASH.

NARRATIVE Information required by MME Form 40:

(Enclosures to this narrative are marked as Exhibits, numbered according to the item numbers on reverse of MME Form 40).

1. Financial Eligibility:

a. True copies of letters to credit sources and their replies are attached as Exhibits 1(1) through 1(4).

b. Clarko, Inc., an Idaho corporation, organized in 1969 and 1970 is the organization which was established to facilitate exploration and development of the Clark family properties. It was duly registered and licensed in March, 1970.

c. The share of cost by Clarko, Inc. will be paid from funds of the corporation. A copy of the most recent financial statement is attached as Exhibit 1(5) reflecting receivables of which $5,500 will be paid into the treasury on or before June 15, 1971.

2. Applicant's Rights in Land:

a. The applicant undersigned is owner of the claims to be explored either in total or as otherwise stated below:

(1) Echo Groups No. 1 and No. 2: Sole owner was Fred M. Clark (father), who died testate on June 26, 1970. A will passed ownership to Donald L. Clark, the undersigned applicant. The will has proceeded without conflict, with appraisal by three disinterested parties the only incompleted step. This will be accomplished by the attorney within the near future.

(2) Clark Group No. 1 is owned by the applicant, his wife, and Thelma Clark. Applicant is contract purchaser of Thelma Clark's interest and has power of attorney to conduct any business affairs concerning the property.

(3) L & B Claim is owned by Leonard Clark. Applicant is contract purchaser of Leonard's interest and has power of attorney to conduct any business affairs concerning the property.

(4) Lybot Group No. 1 belongs to applicant, his wife and their children. Powers of attorney from all adult family members authorize the applicant to administer all actions.

(5) Copies of the power of attorney forms and the contract agreement on the claims of which the applicant is not total owner are attached as Exhibits 2(1) through 2(6).

b. All mining claims are located in TS 22 N, R 5 E, BM, Idaho County, Idaho (Warren Mining District - listed on older maps still in existence as "Resort Mining District"). All claims have either been located or amended to legal subdivisions. The Echo Groups east sideline boundaries tie to Spokane Groups 5, 6 and 7, all of which are patented claims, Mineral Survey 3387, owned by Leland Waggoner, Warren, Idaho.

All Clark property claims are unpatented. Exhibit 2(7) gives a complete accounting of location dates, book and page numbers, amended notiees and other interim official actions.

Specific claim layout is as shown on the attached plats, Exhibit 3(1) indicating Sections and parcels of the land involved, tied to Section corners of the public land survey.

Patent application was placed on Echo Group No. 1 in 1966 and is of record as I-1415, Idaho Land Office, BLM, Boise, Idaho. Final certificate has been received. Final patent has been withheld by the US Forest Service pending additional validation. Some of the planned tests (by drill) will accomplish this additional requirement in a dual role with the exploration program.

RECEIVED JUN - 1 1971 U.M.E. SPOKANE, WASH.

3. Physical Description:

a. A plat, attached as Exhibit 3(1) illustrates the mining and exploration operations which have been performed during the period this ground has been under stake by the Clark family since 1932.

b. In two instances, the Clark family leased portions of the ground to others. Samples of typical records of production of those operations are attached as Exhibits 3(2) and 3(3). In the case of Twin Rivers, Inc., monazite sand only was recovered from old tailings on a portion of what is known as the "Thorpe Placer," a portion of Echo Group No. 1. This operation lasted only a short time due to failure of the market for that product. Good quality monazite in desireable quantity was recovered. In 1946, an individual (cattleman) bought a ¼ yard bucket line dredge and moved it on the ground (Echo Group No. 1). The dredge operated a short time during that season; equipment to repair the dredge was still scarce due to WWII having only recently ended; the operation was under-capitalized; production was extremely inefficient due to the low quality equipment; diesel oil was permitted to get into the ponds and even caught fire at one time. Even so, during a 90 day period, with the dredge operating approximately one-third of the time, 28,000 yards of gravel were put through the plant and mint returns (copies attached as Exhibit 3(3)) reflected a return of 48.5¢ per yard.

c. The total deposit, to the best of anyone's knowledge, is placer with no known lode veins. The majority of the ground lies to the south and west of Secesh River from approximately the fork of the forest road which granches to War Eagle Mt., east and south for a distance of roughly 2½ miles. Echo Group No. 1 and No. 2 lie both in the Secesh River flood plain and the edge of bench. Clark Group No. 1 is entirely on the bench and a slope leading to higher ground. The L&B Claim is on the bench with a small portion on a ridge which crosses the valley, extending through the area of the joining of Echo Groups No. 1 and 2. The Lybot Group No. 1 covers the remainder of the bench on the west boundary of Echo Group No. 2, a slope and a second bench area.

A known fault runs in a northwest to southeast direction from a point west of the mouth of Grouse Creek, through the properties at least to the north boundary of Echo Group No. 2, or further. Bedrock tips to the west and slightly south due to this fault. Partially in answer to this question and also to information concerning sampling, a geologist's report (D. Loughran, Portland, Ore) is attached as Exhibit 3(4). Added information concerning gold values obtained in tests made by Clarks, by Richard Plum (USFS geologist) and by others is attached as a group of papers marked Exhibit 3(4)a.

Physical features, including general contours, is enclosed in a plat marked as Exhibit 3(5), and a copy of an Idaho Bureau of Mines geology report is attached as Exhibit 3(6).

Additional sampling results, including reports concerning minerals other than gold, are contained in the group of papers marked Exhibit 3(7).

No return of any material submitted with this report is required.

Additional information concerning the general and specific area covered by these properties are contained in other official publications listed here, copies of which can be furnished, if required:

1. Mineral Resources Report No. 5, "Distribution of Heavy Alluvial Minerals in Idaho," by W. W. Staley, Idaho Bureau of Mines & Geology, March, 1948.
2. Pamphlet No. 52, "Gold Placers of the Secesh Basin, Idaho County, Idaho," by Stephen R. Cappa, Idaho BM&G, February, 1940.
3. Information Cir. 7767, "Potential of Heavy Mineral Bearing Alluvial Deposits in the Pacific Northwest," by A. J. Kauffman, Jr. and K. D. Baber, Bureau of Mines, US Dept of the Interior, Dec, 1956.
4. Pamphlet 147, "Evaluation of Minerals and Mineral Potential of the Salmon River Drainage Basin in Idaho," by C. N. Savage, Idaho BM&G, Sept, 1970.

4. Accessibility of Property:

a. Upon notification to the applicant of a scheduled date of an OME representative to examine the property, arrangement will be made by the applicant to have himself or his representative present.

Notification of a firm date may be forwarded to this address:

Don Clark
Box 1846
Vancouver, Wa 98663
Office Phone: (206) 695-3441
Home Phone: (206) 694-8762

Two representatives, residing in Idaho, will also be available and one or both will be available upon notification by the undersigned.

The property can be reached by road through New Meadows, Idaho on US 95, then to McCall via State 15, then toward Warren, Idaho on the Warren Wagon Road, for a distance of about 35 miles north of McCall. An alternate route is through Riggins, Idaho, also on US 95, then up the main Salmon River to French Creek, then to Burgdorf, then to the Warren Wagon Road. The property lies approximately 6 miles toward Warren from Burgdorf Hot Springs.

Identification for one unfamiliar with the area is a sign on the left side of the road reading "War Eagle Mine" and "War Eagle Lookout," etc, and a bridge on the main road crossing the Secesh River. Approximately one mile beyond this bridge, on the main road to Warren, there are 4 cabins on the right side (one-red, two-green, and one-natural log). This is the Clark property camp.

Air-strip availability is Warren, Idaho. Normally, a light plane lands first at McCall and then proceeds to the Warren strip. If this method of transportation is used, arrangements can be made to meet and transport the representative the 12-miles from Warren to the property.

b. Nearest shipping and supply points are: McCall, Idaho (road, rail and air - 35 miles); Warren, Idaho (air only - 12 miles).

c. A general map showing the Secesh Placer area and a more detailed sketch showing the local roads are attached as Exhibits 4(1) and 4(2).

5. Exploration Work:

a. A plat, indicating location of planned tests, by method to be employed is enclosed as Exhibit 5(1). Information concerning old workings and tests is related to this same plat in Exhibit 3(1).

b. Both available and planned access roads are indicated on the plat. No difficult road building will be required beyond simple bulldozer operation, through lodgepole timber and on a minimum of steep slope.

c. It is anticipated that work could be started no later than July 1, 1971 considering availability of equipment and ground water conditions. Access roads, almost wholly on the higher ground can be done by that date, and backhoe operations can be accomplished. It is possible, due to the heavy snow pack of last winter that ground water could delay drilling in the lower elevations until as late as August 15th. This would be due to getting the drill equipment into all of the various locations. It is reasonable to assume that all testing can be accomplished between the dates of July 1 and Sept 15, 1971. Except for the drill equipment, all other equipment is available locally in Warren and can be scheduled to best fit the conditions.

6. Experience:

Applicant's experience is entirely practical and self-taught over a period of about 30 years. Testing and exploration of this particular property has been carried on by Fred and Donald Clark using the items of equipment ranging from pick and shovel, frezno, doodle-bug, bulldozer, churn-drill and backhoe. Experience gained by a miserable failure of equipment was gained at the expense of Sundance Mining Co. consisting of a Union-Carbide hired drill rig known as "the Becker Drill." This is the only testing method ever employed on the ground that produced no or very little result.

Experience has taught that no method of testing, utilizing heavy equipment, exceeds the results of a hand-dug, cased hole. The most accurate analysis of gold values, in particular, have been gained by this method. However, considering the volume of ground to be explored and the areas of "low" ground, with deep bedrock and heavy groundwater, the hand method must be replaced with the next preferable methods, those planned for this testing.

The backhoe will be used on the higher elevations where bedrock is known to be not over 12 to 14 feet from the surface. The churndrill will be used on all other. Bedrock at the deepest known point in the meadow areas is about 35 feet.

We have had knowledgeable advisors over the years concerning testing and operational methods. Mr. Richard Plum, now retired USFS geologist, advised us concerning this planned program prior to his retirement. Mr. and Mrs. Leland Waggoner, both geologists, who own the patented ground adjoining ours, and who have performed and observed various methods of exploration over many years, have also been our close advisors. According to their vast experience, we can expect to gain only a portion of the actual gold values with a churn drill. However, considering the depth of ground in places, we have little choice, and we will take their advice into consideration on the value readings gained by this method.

In addition to the undersigned, it is planned to use Ben Cook, Lucile, Idaho and Robert Newcomb, Warren, Idaho on this project. Both are experienced placer miners and both are exceptionally qualified heavy equipment operators. These men are completely familiar with the geologic and practical history of the area.

7. Estimates of Costs:

a. Access roads and backhoe work will be performed by Bob Newcomb, or his son, or by Ben Cook utilizing Newcomb's equipment. In the latter event, a helper would be required to assist Cook and allowance has been made for this.

The equipment and operator costs will be on a per hour basis and an estimate for this has been made in Exhibit 7(1).

Likewise, a churndrill will be arranged for with a firm in either McCall or in Boise valley. Estimate of cost has been made by the normal method used to compute this expense.

b. Personal services will be largely confined to Ben Cook, who will be paid on a consultation basis for the project. We have utilized Mr. Cook's services on this basis previously which has been mutually standardized at the stated fee. Outside personal services will be confined largely to analysis of samples and such arrangements will be handled by Ben Cook.

This exploration program will not entail complicated consultation services, however, we will welcome such help and advice as can be offered by OED personnel. Determination as to mineral values in the placer deposits will be confined almost entirely to the normal sampling methods. For the backhoe tests, gravels will be dug, coned, quartered - and the quartered quantity will be run through a small washing rig as commonly used by BLM and USFS geologists when sampling. The concentrates will be sacked in plastic bags, placed in regular ore sacks and taken to a laboratory for analysis. Samples will be taken at least each 2-feet in depth from the churndrill operation and processed as above.

7. Estimates of Costs: (Cont)

b. (Cont)

Samples will be taken to the nearest laboratory in Boise, Idaho for analysis. Further analysis, either to confirm or to conduct other tests deemed worthwhile, will be accomplished as appropriate.

c. No further individual arrangement will be required for operating equipment, supplies, etc. The bulldozer and backhoe hire will be complete, on an hourly basis, for both man and machine. The same will apply to the churndrill. The fee contemplated as to Ben Cook's services will include his furnishing his pickup for transport of supplies and samples. Any equipment repair will be handled by Newcomb, Cook or the drill operators. Newcomb has a complete heavy equipment repair shop in Warren.

No buildings, fixtures or installations will be required. The Clark cabins will be used by those involved in the exploration program and all needed facilities are available there.

Analytical work will be performed by the undersigned, in conference with the team of Cook and Newcomb, and utilizing the advice of the Waggoners. It is assumed that the OED geologist will also be of great assistance in this matter.

Accounting will be handled by the CPA for Clarko, Inc., Mrs. Harriet Sandstrom, based on records furnished to her by the undersigned.

No payroll taxes will be applicable to this program unless outside labor, other than Cook and Newcomb, and the churndrill operators, are required. Employers' liability insurance is in force which will cover any person utilized on this project through Swan Insurance Agency in Boise, Idaho, the premium having been paid on a fiscal year basis.

Don Clark
Box 1846
Vancouver, Wa 98663

May 19, 1971

Idaho First National Bank
Council Branch
Council, Idaho 83612

Attn: Ed Kessler
Branch Manager

Dear Mr. Kessler:

Request consideration be given to the granting of a loan to Clarko, Inc. in the amount of $10,000.

This money is needed to carry out further exploration of mining properties being considered for production by said organization.

Sufficient yardage exists, already thoroughly tested, to produce enough income from which repayment of this loan could be made, even though the ground which is to come under this testing program proved too low in values to warrant additional operating plans.

Clarko, Inc. owns a washing plant and allied equipment which is located on a portion of the property. This equipment is worth approximately $15,000 and could be used as collateral for a loan. It is generally planned to use the equipment this year, in the beginning of a modest operation, utilizing the limited capital which is forthcoming from participants during this calendar year.

The added exploration costs do not fall within this budget. We feel we must, however, take advantage of the favorable months of July through September, considering weather and ground water conditions, to conduct the added exploration which will lead to greater capital potential.

Your consideration of this request will be sincerely appreciated.

Yours truly,

Don Clark

RECEIVED
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O.M.E.
SPOKANE, WASH.

Exhibit 1(1)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

COUNCIL OFFICE

The Idaho First National Bank

ESTABLISHED 1867

COUNCIL, IDAHO

May 21, 1971

Mr. Don Clark
Box 1846
Vancouver, Washington 98663

Dear Mr. Clark:

Thank you for your request for a loan to Clarko, Inc. in the amount of $10,000.

At the present time we will not be able to make a loan to you for mining exploration work on the security offered, as we are unable to take a mortgage on the equipment, as it is single purpose type of equipment.

Thank you again for your request.

Yours truly,

Edwin D. Kesler
Manager

EDK:mn

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O. M. E.
SPOKANE, WASH.

Exhibit 1(2)

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Don Clark
Box 1846
Vancouver, Wa 98663

May 19, 1971

Manager
Vancouver Branch
National Bank of Commerce
Vancouver, Wa 98660

Dear Sir:

It is requested that consideration be given to the granting of a loan to Clarko, Inc., an Idaho mining corporation with which you are familiar through the undersigned, a patron of your bank.

An amount of $10,000 is needed to carry out further exploration of mining properties being considered for production by said organization.

Sufficient yardage exists, already thoroughly tested, to produce enough income from which repayment of this loan could be made, even though the additional ground to be tested proved too low in value to warrant additional operating plans.

Clarko, Inc. owns a washing plant and allied equipment which is located on the mining property. It is worth approximately $15,000 and could be used as collateral for the loan. It is generally planned to use the equipment to begin operation this season, utilizing limited capital which is forthcoming from participants during this calendar year.

The added exploration cost does not fall within our budget. We feel we must however take advantage of the favorable months of July through September considering weather and ground water conditions to conduct the added exploration which will lead to greater capital potential.

Your consideration of this request will be sincerely appreciated.

Yours truly,

Don Clark

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O.M.E.
SPOKANE, WASH.

Exhibit 1 (3)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

801 MAIN STREET
area code 206 695-1371

P. O. BOX 689, VANCOUVER, WASHINGTON 98660

May 25, 1971

Mr. Don Clark
Box 1846
Vancouver, Washington 98663

Dear Mr. Clark:

Thank you for your application for a $10,000 loan to Clarko, Inc., an Idaho minining corporation.

After reviewing your loan application we find we will be unable to grant the credit. The security involved is not sufficient to cover the loan in the amount requested.

Thank you again for giving us the opportunity to consider the loan.

Sincerely yours,

D. W. Kallstrom
Vice President and Manager

DWK:gjm

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JUN - 1 1971
O. M. E.
SPOKANE, WASH.

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Exhibit 1 (4)

Harriet A. Sandstrom
Certified Public Accountant
7601 Hazel Dell Avenue
Vancouver, Washington 98665

February 28, 1971

Board of Directors
Clarko, Inc.
Golden Rule Mining & Development
New Meadows, Idaho

Gentlemen:

Attached hereto are Balance Sheet and Profit & Loss Statement and a statement of Source & Application of Funds for Clarko, Inc. for the fiscal year ending December 31, 1970.

The books of record have been maintained in accordance with the agreement between Fred M. Clark & Donald L. Clark and the 1969 investors and the investment letter submitted to the 1970 investors. The land segregation reflected in the books of record is in agreement with the minutes of the Board of Directors meeting dated Dec 20, 1970.

All individual receipts were not examined but the statement reflecting activity in the savings account with the Clark County School Employees Credit Union was examined and all bank statements and cancelled checks from the Idaho First National Bank, Council, Idaho were examined and reconciled to the books of record. The books of record are in agreement with the U.S. Corporation Income Tax Return for 1970 submitted to the Internal Revenue Service and reflect capitalization of items not currently expensed. Since no economic benefit would be derived from expensing the above items, as no operating revenue was received in 1970, the items have been capitalized in the Land Improvement account.

The Stock Certificate Receipts were examined and with the exception of seven which had not been returned, the certificates were signed by the stockholders. (#11 John Hungate, #16 Wm Caples, #18 Richard Newlean, #19 Roger Swanstrom, #23 Francis Clifford, #24 Gerge Forsyth, #35, Curtis Ebel).

In my opinion, the attached financial statements reflect fairly the financial position of Clarko, Inc. as of December 31, 1970 and the result of operation for the period then ended.

Respectfully,
Harriet A. Sandstrom
Harriet A. Sandstrom
Certified Public Accountant

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JUN - 1 1971
O. M. E.
SPOKANE, WASH

Exhibit 1(5)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

CLARKO, INC.
Golden Rule Mining & Development
(an Idaho Corporation)

BALANCE SHEET
December 31, 1970

ASSETS:		
Cash in Bank		$503.40
Deposit with Dept of Employment		383.00
Stock Subscriptions Receivable		3,600.00
Receivable from 1969 Investors		7,200.00
Land		50,000.00 (a)
Land Improvements		12,852.03
Organization Expense		140.00
Buildings & Plant Equipment	$16,834.02	
Less Depreciation Reserve	270.00	16,564.02
TOTAL ASSETS		$91,242.45
LIABILITIES & CAPITAL:		
Land Agreement - Thelma & Leonard Clark		$10,000.00
Trailer Contract		3,355.89
Stockholder Advance		90.00
TOTAL LIABILITIES		$13,445.89
Capital Stock (authorized 100,000 shares at $1.00 per share)		
Capital Stock issued	$73,625.00	
Capital Stock subscribed	4,800.00	$78,425.00
Retained Earnings (deficit)		(628.44)
TOTAL LIABILITIES & CAPITAL		$91,242.45

(a) Estimated Fair Market Value when patent completed

CLARKO, INC.
Golden Rule Mining & Development
(an Idaho Corporation)

Profit & Loss Statement
for the period ending
December 31, 1970

Interest Income		$18.24
Expenses not Capitalized		
Interest Expense	$159.39	
Office Expense	56.61	
Telephone	50.58	
Amoritzation of Orgn. Expense	35.00	
Depreciation Expense	345.00	$646.58
Net Operating Loss:		$628.34

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CLARKO, INC.
Golden Rule Mining & Development
(an Idaho Corporation)

December 31, 1970

STATEMENT OF SOURCE & APPLICATION OF FUNDS

Funds Provided:		
Original Balance of Savings Account with Clark County School Employees Credit Union		$ 248.42
Received from 1969 Investors:		
Robert Braun	$1,000.00	
Harold Stover	1,000.00	
Francis Clifford	1,000.00	$ 3,000.00
Received from 1970 Investors:		
Paul Peterson	$1,500.00	
Harold Hegstad	1,500.00	
James Gilpatrick	1,500.00	
Curtis Ebel	1,500.00	
Darlene Ashbaugh	500.00	
George Forsyth	1,500.00	
Roy Hollenbeck	1,500.00	
James Raines	1,500.00	
B. V. Dorsett	700.00	
Marie Strickler	1,500.00	
Don Leake	1,500.00	
Marion O'Neal	1,500.00	$ 16,200.00
Interest Income		18.24
Sale of Volkswagen		225.00
Payment on trailer contract by Don Clark		90.00
TOTAL FUNDS PROVIDED:		$ 19,781.66
Application of Funds:		
Assets Acquired:		
Washing Plant	$8,814.32	
Electrical Plant	818.90	
Water Pump	155.00	
Trailer Installation	354.30	
Deposit w/Idaho Dept Empl.	383.00	
Organization Expense	175.00	
Volkswagen Engine	175.00	$ 10,875.52
Reduction of Liabilities:		
Trailer Contract	$ 110.61	
Land Agreement Leonard Clark	2,000.00	2,110.61
Expenses Capitalized in Land Improvement Account:		
Equipment Rental	$1,216.00	
Equipment Expense	432.21	
Wages	406.25	
Consulting Fees	3,000.00	
Taxes	176.08	
Patent Expense	126.00	
Operating Supplies	410.81	
Miscellaneous	258.20	6,025.55
Items Expensed on Corporation Tax Return		
Office Expense	$ 56.61	
Interest Expense	159.39	
Telephone	50.58	266.58
Cash in Bank 12/31/70		503.40
TOTAL APPLICATION OF FUNDS:		$ 19,781.66

RECEIVED
JUN - 1 1971
O. M. E.
SPOKANE, WASH.

RECEIVED
JUN - 1 1971
O. M. E.
SPOKANE, WASH

SPECIFIC POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That We, FRED M. CLARK and NETTIE H. CLARK, the undersigned, do hereby duly appoint DONALD L. CLARK to act as our true and lawful attorney (agent), for us and in our stead

GIVING AND GRANTING unto said attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, and fully to all intents and purposes as We might or could do if personally present; HEREBY RATIFYING and confirming all that our said attorney shall lawfully do or cause to be done by virtue of these presents concerning and specifically limited to:

1. Sign all papers and documents that will be necessary in order to place application for patent to certain placer claims which we jointly own, known and recorded as "Clark Group No. 1", "Echo Group No. 2", which are placer claims located in TS 22 N, R 5 E, BM in Idaho County, Idaho (Warren Mining District).
2. To amend the aforesaid placer claims to conform to legal subdivisions as might be required.
3. To erect such monuments and corner posts as required as a result of amended locations.
4. To arrange for and/or perform such annual assessment work as is required to be performed.
5. To sign and file Proof of Labor on each of the claims or groups of claims as required by law.
6. In the event of adverse claims, protests or conflicts arising during the course of the application for patent, to take whatever action may be required to clear such adverse claims, protests or conflicts.
7. To deal directly or through an attorney selected by him with the Idaho Land Office, Bureau of Land Management, U. S. Department of the Interior.

This Specific Power of Attorney shall be binding upon the heirs, executors, administrators and proper assigns of the respective parties hereto.

IN WITNESS WHEREOF, We have hereunto set our hands and seals, the day and year written in the notarization below.

Fred M. Clark
FRED M. CLARK

Nettie H. Clark
NETTIE H. CLARK

STATE OF WASHINGTON)
:ss.
COUNTY OF CLARK)

On this day personally appeared before me Fred M. Clark and Nettie H. Clark to me known to be the individuals described in and who executed the within and foregoing instrument, and acknowledged that they signed the same as their free and voluntary act and deed, for the uses and purposes therein mentioned.

GIVEN under my hand and official seal this 26th day of February, 1970:

Frances L. Johnson
NOTARY PUBLIC in and for the
State of Washington, residing
at Vancouver

Exhibit 2(1)-

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

RECEIVED JUN - 1 1971 O.M.E. SPOKANE, WASH

SPECIFIC POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That I, LYNDA J. MORRIS

have made, constituted and appointed, and by these presents do make, constitute and appoint: DONALD L. CLARK

as my true and lawful attorney, for me and in my name, place and stead, and for my use and benefit, to **do all things necessary to place Application for Mineral Patent with the Idaho Land Office, Bureau of Land Management, US Dept of the Interior in connection with Lybot Group No. 1 of which I am one of the original locators. It is my desire that said Donald L. Clark serve as my lawful Agent in this matter,**
GIVING AND GRANTING unto said attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, as fully to all intents and purposes as I might or could do if personally present; HEREBY RATIFYING and confirming all that my said attorney shall lawfully do or cause to be done by virtue of these presents.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27th day of October, 19 70

SIGNED, SEALED AND DELIVERED in presence of)
Joyce J. Struthers)
Daniel C Struthers)

Lynda J. Morris
(Seal)(Signature of Member))

(To be completed by Notary Public)

STATE OF Washington)
)(SS (INDIVIDUAL ACKNOWLEDGMENT)
COUNTY OF Clark)

I, Frances L. Johnson, Notary Public in and for the State of Washington, residing at Vancouver DO HEREBY CERTIFY that on this 27th day of October, 1970, personally appeared before me Lynda J. Morris, to me known to be the individual described in and who executed the within instrument and acknowledged that she signed and sealed the same as her free and voluntary act and deed for the uses and purposes herein stated.

GIVEN UNDER MY HAND AND OFFICIAL SEAL this 27th day of October, 1970.

Frances L. Johnson
Signature of Notary Public

(NOTARY SEAL)

Exhibit 2 (2)

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

RECEIVED
JUN - 1 1971
O. M. E.
SPOKANE, WASH.

SPECIFIC POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That I, ROBERT F. CLARK

have made, constituted and appointed, and by these presents do make, constitute and appoint: DONALD L. CLARK

as my true and lawful attorney, for me and in my name, place and stead, and for my use and benefit, to **do all things necessary to place Application for Mineral Patent with the Idaho Land Office, Bureau of Land Management, US Dept of the Interior in connection with Lybot Group No. 1 of which I am one of the original locators. It is my desire that said Donald L. Clark serve as my lawful Agent in this matter,**
GIVING AND GRANTING unto said attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, as fully to all intents and purposes as I might or could do if personally present; HEREBY RATIFYING and confirming all that my said attorney shall lawfully do or cause to be done by virtue of these presents.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30th day of October, 19 70

SIGNED, SEALED AND DELIVERED in presence of)
Gwendolyn L. Alwood)
Alice M. Berry)

R. F. Clark
(Seal)(Signature of Member))

(To be completed by Notary Public)

STATE OF Washington)
)(SS (INDIVIDUAL ACKNOWLEDGMENT)
COUNTY OF Clark)

I, Frances L. Johnson, Notary Public in and for the State of Washington, residing at Vancouver DO HEREBY CERTIFY that on this 30th day of October, 19 70, personally appeared before me R. F. Clark, to me known to be the individual described in and who executed the within instrument and acknowledged that he signed and sealed the same as his free and voluntary act and deed for the uses and purposes herein stated.

GIVEN UNDER MY HAND AND OFFICIAL SEAL this 30th day of October, 19 70.

Frances L. Johnson
Signature of Notary Public

(NOTARY SEAL)

Exhibit 2(3)

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

RECEIVED
JUN - 1 1971
O.M.E.
SPOKANE, WASH

SPECIFIC POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That I, TERRY L. CLARK

have made, constituted and appointed, and by these presents do make, constitute and appoint: DONALD L. CLARK

as my true and lawful attorney, for me and in my name, place and stead, and for my use and benefit, to do all **things necessary to place Application for Mineral Patent with the Idaho Land Office, Bureau of Land Management, US Dept of the Interior in connection with Lybot Group No. 1 of which I am one of the original locators. It is my desire that said Donald L. Clark serve as my lawful Agent in this matter,**
GIVING AND GRANTING unto said attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, as fully to all intents and purposes as I might or could do if personally present; HEREBY RATIFYING and confirming all that my said attorney shall lawfully do or cause to be done by virtue of these presents.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 24th day of October, 19 70

SIGNED, SEALED AND DELIVERED in presence of)
R.E. Morris Jr)
Lynda Jo Morris)

Terry L. Clark
(Seal)(Signature of Member))

(To be completed by Notary Public)

STATE OF Washington)
)(SS (INDIVIDUAL ACKNOWLEDGMENT)
COUNTY OF Clark)

I, Frances L. Johnson, Notary Public in and for the State of Washington, residing at Vancouver DO HEREBY CERTIFY that on this 24th day of October, 1970, personally appeared before me Terry L. Clark, to me known to be the individual described in and who executed the within instrument and acknowledged that he signed and sealed the same as his free and voluntary act and deed for the uses and purposes herein stated.

GIVEN UNDER MY HAND AND OFFICIAL SEAL this 24th day of October, 1970.

Frances L. Johnson
Signature of Notary Public

(NOTARY SEAL)

Exhibit 2(4)

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

RECEIVED
JUN - 1 1971
SPOKANE, WASH.

SPECIFIC POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That We, THELMA CLARK and LEONARD CLARK, the undersigned, do hereby duly appoint DONALD L. CLARK to act as our true and lawful attorney (agent), for us and in our stead

GIVING AND GRANTING unto said attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises, and fully to all intents and purposes as We might or could do if personally present; HEREBY RATIFYING and confirming all that our said attorney shall lawfully do or cause to be done by virture of these presents concerning and specifically limited to:

1. Sign all papers and documents that will be necessary in order to place application for patent to certain placer claims which we jointly own, known and recorded as "Clark Group No. 1", "L & B Claim", "Echo Group No. 2", and "Bobbie Groups No. 1 and No. 2"., which are placer claims located in TS 22 N, R 5 E, BM in Idaho County, Idaho (Warren Mining District).
2. To amend the aforesaid placer claims to conform to legal subdivisions as might be required.
3. To erect such monuments and corner posts as required as a result of amended locations.
4. To arrange for and/or to perform such annual assessment work as is required to be performed.
5. To sign and file Proof of Labor on each of the claims or groups of claims as required by law.
6. In the event of adverse claims, protests or conflicts arising during the course of the application for patent, to take whatever action may be required to clear such adverse claims, protests or conflicts.
7. To deal directly or through an attorney selected by him with the Idaho Land Office, Bureau of Land Management, U.S. Department of the Interior.

This Specific Power of Attorney shall be binding upon the heirs, executors, administrators and proper assigns of the resective parties hereto.

IN WITNESS WHEREOF, We have hereunto set our hands and seals, the day and year written in the certificates below:

Thelma Clark
THELMA CLARK

Clifton B. Wendroth
Jan. 30, 1970

Leonard L Clark
LEONARD CLARK 31 Dec 69

Unless sooner revoked by either of the undersigned or terminated by law, this Power of Attorney shall be NULL AND VOID on or after 1 Jan 1971.

In witness whereof, I have hereunto set my hand and seal,

Thelma Clark
THELMA CLARK — 30-Jan-70 DATE

Leonard L Clark
LEONARD CLARK — 31 Dec 69 DATE

Subscribed and sworn to before me at Barksdale AFB, Louisiana on 31 DEC 1969

Gordon H Miller
GORDON H MILLER, Capt, USAF
Judge Advocate

Exhibit 2(S)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

RECEIVED
JUN - 1 1971
O. M. E.
SPOKANE, WASH

AGREEMENT

WE, THE UNDERSIGNED, THELMA CLARK and LEONARD L. CLARK, Mother and Son, New Meadows, Adams County, Idaho and DONALD L. CLARK, Vancouver, Clark County, Washington do agree to the following:

1. Thelma and Leonard Clark, hereinafter known as Party of the First Part or First Party do grant an option to purchase and to sell to Donald Clark, hereinafter known as Party of the Second Part, or Second Party, their entire and individual interests in certain placer mining claims located in Secesh Meadows, Idaho County, Idaho as specifically defined below:
   a. ECHO GROUP #1, located in Sec 9 & 10, TS22N, R5E, BM.
   b. ECHO GROUP #2, located in Sec 10, 14 & 15, TS22N, R5E, BM.
   c. CLARK GROUP #1, located in Sec 9 & 10, TS22N, R5E, BM.
   d. BOBBIE GROUPS #1 and #2, located in Sec 4, TS22N, R5E, BM.
   e. L&B CLAIM, located in Sec 10, TS22N, R5E, BM.
2. First Party agrees to accept from Second Party the following payment arrangement:
   a. Upon receipt of Two Thousand ($2,000.00) Dollars from Second Party, the option shall be in force.
   b. No later than July 1, 1969, Second Party shall pay an additional Three Thousand ($3,000.00) Dollars to keep this Agreement in force.
   c. Annually, no later than July 1, 1970, 1971 and 1972, Second Party shall make payments to First Party of no less than Five Thousand ($5,000.00) Dollars until a total of Twenty Thousand ($20,000.00) Dollars, consisting of the option and downpayment in 1969 and the three additional payments in 1970, 1971 and 1972, shall have been made.
3. First Party agrees, upon receipt of the initial Two Thousand ($2,000.00) Dollars downpayment to complete and execute Quit Claim Deeds to their entire and individual interests in the placer mining claims named above and to place such Quit Claim Deeds in escrow with an institution or individual suitable to both Parties to this Agreement, until payment in full, Twenty Thousand ($20,000.00) Dollars has been made.
4. Should ~~First~~ Second Party default in this Agreement by not making payments as specified, this Agreement shall be null and void and title to said properties shall remain vested with First Party, unless suitable arrangments for extension of time can be made between both Parties. Nothing herein as to payment arrangements shall prohibit the remaining balance outstanding to be paid at any time and no penalty shall accrue as a result thereof.
5. This Agreement is binding and conclusive upon all heirs, executors, administrators and assigns of both First and Second Parties.
6. It is recognized by both First and Second Parties that JACQUELINE CLARK, wife of LEONARD L. CLARK, has Power of Attorney to sign for LEONARD L. CLARK due to his absence from the United States by reason of military service

Donald L. Clark
DONALD L. CLARK

Thelma Clark
THELMA CLARK

Jacqueline Clark
JACQUELINE CLARK (For LEONARD L. CLARK - Copy of Power of Attorney attached)

Exhibit 2(6)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

STATE OF WASHINGTON)
: ss.
COUNTY OF CLARK)

On this 3rd day of March 1969, before me, the undersigned Notary Public in and for the State of Washington, personally appeared Donald L. Clark, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and year first above written.

Frances L. Johnson
FRANCES L. JOHNSON, Notary
Public residing in Vancouver

Personally appeared, Jacqueline Clark.

Subscribed and sworn to before me this 7 day of March 1969

Richard C. Weight
Notary Public

Potter **Texas**
County

This 10 day of March Thelma Clark personally appeared and signed this insturment.

Subscribed and sworn to before me this 10th day of March 1969.

Mary E. Pelser
Notary Public

....Adams.....Idaho
County

GENERAL POWER OF ATTORNEY

(To be prepared only under the supervision of the Legal Assistance Officer or Civilian Counsel.)

KNOW ALL MEN BY THESE PRESENTS, that I *(state full name, title, grade, service number, as applicable)* [illegible]

a legal resident of [illegible]

County (City) of [illegible], State of Idaho

and presently stationed or residing at Amarillo Air Force Base, Texas

desiring to execute a GENERAL POWER OF ATTORNEY have made, constituted and appointed, and by these presents do make, constitute and appoint [illegible] CLARK

whose address is [illegible]

County (City) of [illegible], State of Texas

my Attorney-in-Fact for me and in my name, place and stead to do and perform all acts, deeds, matters and things whatsoever concerning my property and personal affairs necessary and advisable in the judgment of my said Attorney-in-Fact as fully and effectually to all intents and purposes as I could do if personally present and acting, including, but not limited to, each and every one of the following matters:

1. REAL PROPERTY TRANSACTIONS: *(a)* to buy, contract to buy, receive, lease or rent for any term, accept, or otherwise acquire real estate or any options thereon or interests therein, including any and all rights for the development of oil, gas or other mineral deposits, wherever situated, on such terms, conditions and considerations as my Attorney-in-Fact shall deem proper, in my name, or jointly in my name and that of any other party or parties including my Attorney-in-Fact;

(b) to sell, contract to sell, mortgage, encumber, exchange, lease or rent for any term, grant options to purchase or otherwise dispose of any or all real estate in which I now have or may hereafter acquire any right, title or interest, including any and all rights for the development of oil, gas or other mineral deposits, whether such real estate be homestead or non-homestead, or whether such real estate be owned as community property, in joint tenancy, tenancy by the entireties, tenancy in common or in any other manner or capacity, and in my name, or jointly with any other party or parties, including my Attorney-in-Fact, on such terms, conditions and considerations as my Attorney-in-Fact shall deem proper; to sign, seal, execute, acknowledge, and deliver any and all instruments in writing of any kind and nature, as may be necessary or convenient, containing such terms and conditions, and such warranties and covenants, if any, as my said Attorney-in-Fact shall deem advisable, and further to waive, release, relinquish and convey any homestead estates, rights under homestead exemption laws, dower or curtesy estates, and all other rights or interests to which I may at any time be entitled;

(c) to manage, utilize, conserve, demolish, repair, rebuild, alter or improve any real estate or structure thereon, owned or claimed to be owned by me in whole or in part, and to protect the same by action, proceeding or otherwise, including, but not limited to, the recovery of possession thereof and the removal of tenants or other persons, animals or objects therefrom;

2. PERSONAL PROPERTY TRANSACTIONS: *(a)* to buy, contract to buy, accept, sell, exchange, mortgage, pledge, lease or rent, contract for the repair of, and in any and every manner deal in and with any and all personal property of every kind whatever, tangible or intangible, which I may own or in which I now have or hereafter may acquire, any right, title or interest, on such terms, conditions and considerations as my Attorney-in-Fact shall deem proper;

(b) To execute and deliver to the proper persons and authority any and all documents, instruments and papers necessary to effect the proper registration and licensing of any automobiles in which I now or may hereafter have an interest;

(c) to enter into contracts for the storage of tangible personal property of every kind;

(d) to take possession and order the removal and shipment of any of my property from or to any station, post, warehouse, depot, dock, or other place of storage, safekeeping or use, governmental or private, and to execute and deliver any release, voucher, receipt, shipping ticket, certificate, or other instrument necessary or convenient for such purposes.

3. BUSINESS TRANSACTIONS: To demand, sue for, recover, receive compromise, settle, adjust and pay all accounts, legacies, bequests, interest, dividends, annuities, demands, debts, taxes, and any and all other obligations, which may now or hereafter be due, owing or payable by or to me, and to carry on and transact every kind of business on my behalf, in my name or jointly in my name and that of any other person or persons, including my Attorney-in-Fact, and including, but not limited to, transactions concerning any and all investments and shares of stock, bonds, securities, certificates of deposit, on such terms, considerations and conditions as my Attorney-in-Fact may deem proper and to invest and reinvest and exchange investments, and to execute and deliver good and sufficient instruments for the accomplishment thereof, and to act as my attorney or proxy with respect to any stocks, shares, bonds or other investments, rights or interests as I may now or hereafter hold.

4. BANKING TRANSACTIONS: *(a)* to deposit or withdraw for any purpose, in or from any bank, building and loan association, trust company or other financial institution, including the United States Postal Savings, any funds, checks, or other credits which I now or hereafter may have on deposit or be entitled to, and to endorse, cash and receive the proceeds of any and all checks, vouchers, or other orders for money, to open or close accounts, and to receive statements, vouchers, notices or other documents from any bank or other financial institution concerning any and all accounts or banking transactions in my name or in which I may have an interest;

(b) to have access for all purposes to any or all safety deposit boxes or vaults rented in my name or in the names of any other person or persons and myself, with full power to use the same for safekeeping any property or papers, and to remove therefrom at any time, or from time to time, all or any part of the contents of any such box or vault;

(c) to borrow money and to execute in my name any instrument evidencing indebtedness incurred on my behalf and to extend and renew the same, as well as any indebtedness heretofore incurred by me, for the payment of which I may in any way be liable;

5. TAXES: to make, execute and file income and all other tax returns and declarations of estimated tax required to be made by me by any law or regulation of any government or governmental authority, to represent and act for me in all tax matters in dispute or litigation, in any governmental department, board or court, to receive, endorse, and collect checks in settlement of any refund of taxes, to execute consents agreeing to a later determination of taxes than is provided by statutes of limitation, to execute closing agreements relative to tax liabilities, to file claims for abatement, refund, or credit taxes, to make any adjustments or settlements and to sign any and all receipts, waivers, settlements or agreements pertaining to all income or other taxes assessed against me or my property by statute.

6. GOVERNMENT DOCUMENTS, VOUCHERS AND CHECKS: *(a)* to execute, sign and deliver any and all government reports, applications, requests, vouchers and demands in my behalf, including, but not limited to those for any and all allowances and reimbursements properly payable to me by the United States such as for the transportation of dependents or for the shipment of household effects or other property as authorized by law or regulations;

(b) to receive, endorse and collect the proceeds of checks payable to my order drawn on the Treasurer of the United States for whatever account, and to execute in my name and on my behalf, all bonds, indemnities, applications or other documents, which may be required by law or regulations to secure the issuance of substitutes for such checks, and to give full discharge for the same.

7. INSURANCE TRANSACTIONS: *(a)* to pay the premiums on, modify, rescind, release, terminate, or execute any rights, privileges, or options on any contract of life, accident, health, disability, liability, property or other insurance presently owned by me or by any person on my behalf, or hereafter acquired;

(b) to procure new, different, or additional contracts of insurance on my life or, with respect to protecting me or my property, from ill health, disability, accident, liability, or loss;

(c) to apply for, and receive, any loan on the security of any contract of insurance, to surrender and receive the cash surrender value, to exercise any election or conversion rights, and to demand, receive or obtain any money, dividend or other thing of value to which I am or to which I may become entitled as the proceeds or other return or profit arising out of any contract of insurance or of any one or more of the insurance transactions herein enumerated;

8. PERSONAL TRANSACTIONS: *(a)* To do all acts necessary for maintaining the customary living standard of my dependents including, by way of illustration but not limitation, provision of such living quarters and their maintenance and operation, food, clothing, medical, surgical and dental care, educational facilities, and other incidentals to which my dependents are accustomed;

(b) to continue the discharge of any service or duties assumed by me to my family, relatives or friends, and to continue payments incidental to my membership in, or affiliation with, any church, club, society, or other organization;

9. REPRESENTATION AND EMPLOYMENT OF ASSISTANCE: *(a)* On my behalf and in my name or the name of my Attorney, to institute, prosecute, appear in, defend, compromise, arbitrate, settle, or dispose of any legal, equitable or administrative hearings, actions, suits, attachments, claims or other proceedings, to which I am or may become a party or in which I have an interest, and to engage and dismiss counsel in connection therewith, authorizing my Attorney-in-Fact to assert or to waive any or all rights, privileges and defenses available to me under the Soldiers' and Sailors' Civil Relief Act or other

(d) to hire, engage, employ, and terminate agents, employees and counsel upon such terms and conditions and at such compensation as my said Attorney-in-Fact shall deem proper in the exercise of the powers herein granted to demand and receive the plenipotentiary such agents, employees and counsel as well as

(e) To sign, seal, execute, deliver, and perform all and every act and thing whatsoever necessary to accomplish any of the powers herein granted;

(f) To modify, reform, renegotiate or rescind any contract or obligation heretofore or hereafter made by me or in my behalf.

GENERAL PROVISIONS: (a) All business transacted hereunder for me or for my account shall be transacted in my name, and all endorsements and instruments executed by my Attorney-in-Fact for the purpose of carrying out any of the foregoing powers shall specify my name, followed by that of my Attorney-in-Fact and the designation, "Attorney-in-Fact".

(b) I hereby ratify and confirm all lawful acts done and caused to be done by my said Attorney-in-Fact pursuant to this Power of Attorney, and I direct that it shall continue in effect until the termination date herein specified unless sooner terminated by me or by operation of law. Notwithstanding any mention of a specific expiration date herein, if on said date I should be, or have been, carried in a military status of "Missing," "Missing in Action," or "Prisoner of War," this Power of Attorney shall automatically continue to remain valid and in full effect until sixty (60) days after I have returned to UNITED STATES MILITARY CONTROL following termination of such "Missing," "Missing in Action," "Prisoner," or "Prisoner of War" status.

(c) If the authority contained herein shall be revoked or terminated by operation of law without notice, I hereby agree for myself, executors, administrators, heirs and assigns, in consideration of my attorney's willingness to act pursuant to this Power of Attorney, to save and hold my attorney harmless from any loss suffered or any liability incurred by my attorney in so acting after such revocation or termination without notice.

(d) Unless sooner revoked by me or terminated by law, this Power of Attorney shall be NULL AND VOID on and after 1 Sep 1969

In witness whereof, I have hereunto set my hand and seal, this 26th day of August, 19 68

Leonard Clark (SEAL)

Witnesses:

Janice M. Pagy — Amarillo, Texas
Address and Service No. (if any)

J. A. Adams — Amarillo, Texas

Amarillo, Texas
Address and Service No. (if any)

IF ACKNOWLEDGED BEFORE A NOTARY PUBLIC:

State of Texas
County (City) Potter } ss:

I, DOROTHY B. MARTIN, a Notary Public in and for the County (City) and State aforesaid, do hereby certify that on the 26th day of August, 19 68, before me personally appeared LEONARD L. CLARK who is known by me to be the identical person who is described in, whose name is subscribed to, and who signed and executed the foregoing instrument, and having first made known to him the contents thereof, he personally acknowledged to me that he signed and sealed the same on the date it bears as his true, free and voluntary act and deed for the uses, purposes and considerations therein set forth.

In Witness Whereof, I have hereunto set my hand and official seal this day and year above.

Dorothy B. Martin
DOROTHY B. MARTIN, Notary Public

My Commission Expires: 1 June 1969

IF ACKNOWLEDGED BEFORE A MILITARY PERSON AUTHORIZED TO ADMINISTER OATHS:

(See AFR 110-6 for statutory provisions authorizing Armed Forces Personnel to perform Notarial Acts and for instructions on completing certificate of acknowledgement.)

With the United States Armed Forces

At _____

I, _____, the undersigned officer, do hereby certify that on this _____ day of _____, 19 _____, before me, personally appeared _____ SN _____, whose home address is _____ and who is known to me to be _____ and to be the identical person who is described in, whose name is subscribed to, and who signed and executed the foregoing instrument, and having first made known to him the contents thereof, he personally acknowledged to me that he signed and sealed the same, on the date it bears as his true, free and voluntary act and deed, for the uses, purposes and considerations therein set forth. And I do further certify that I am at the date of this certificate a commissioned officer of the grade, branch of service and organization stated below in the active service of the United States Armed Forces, that by statute no seal is required on this certificate and that same is executed in my capacity as _____

(Signature of Officer) — (Service No., grade and branch of service)

(Commander or officer in charge) — (Permanent home address)

GENERAL BOARD OF VIRGINIA

U.S. GOVERNMENT PRINTING OFFICE : 1967 O—[illegible]

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CLAIMS INFORMATION

NAME

ECHO GROUP No. 1 (Earlier known as Blackpine-1932 and Star Gp 1-1945)

Located 8 Sep 58
Recorded Vol N, Page 454

By: Leonard Clark
Donald Clark
Bertha Rinker
George Rinker
Charles Neider
Anna Neider
Bernadine Fields
Robert Bean

Amended to conform to legal subdiv. Amendment contained in application for patent (I-1415), Sep 1966.

Quit Claims:

			Indexed (Grangeville)
25 Jan 60	From:	Chas & Anna Neider to Fred & Alfred Clark	200620
" " "		Bernadine Fields & Robt Bean to F & A Clark	200621
" " "		George & Bertha Rinker to F&A Clark	202274
7 June 62		Auralee Clark to Fred Clark	208773 (Bk22,P509)
28 Sep 65		Leonard Clark to F & A Clark	221269 (Bk23,P273)
16 Aug 65		Donald Clark to F & A Clark	220613 (B,23,P228)
3 Jun 66		Alfred & Thelma Clark to Fred Clark	223556 (Bk23,P331)

Note: succession of Quit Claims left Fred Clark sole owner. Fred Clark died June 26, 1970. By will, Fred Clark's interest passed to Donald Clark, son who was appointed Executor. Probate proceedings all completed except for attorney action to secure appraisal from 3 disinterested parties, now proceeding.

ECHO GROUP No. 2 (Earlier known as Blackpine-1932 End & Lynda - 1945)

Located 8 Sep 58
Recorded Vol N, Page 443

By: Fred Clark
Auralee Clark
Alfred Clark
Thelma Clark
Leonard Clark
Donald Clark
Bertha Rinker
George Rinker

Amended to conform to legal subdiv. Amendment contained in appl for patent (I-1415), Sep 1966 - later amended to withdraw a small portion, and 2d amend to this to restore to original - Bk 86, page 591 (Warren)

Quit Claims			Indexed	Book	Page (Grangev)
7 Jun 62	From:	Auralee Clark to Fred Clark	208773	22	509
28 Sep 65		Leonard Clark to Fred & Al Clark	221269	23	273
16 Aug 65		Donald Clark to Fred & Al Clark	220613	23	228
16 Aug 65		Thelma Clark to Fred & Al Clark	220611	23	223
16 Aug 65	(Dee Claim)	D.Ebling to Fred Clark	221270	23	275
2 Aug 65		F & A Clark to Bertha Rinker	220612	23	225
"		" to W. & P. Gnadt	220675	23	234
"		" to J. Hungate	220674	23	231
"		" to E. Shaffer	220678	23	243
"		" to F. & J. Clifford	220679	23	246
"		" to J. Palmer	220677	23	240
"		" to P. Peterson	220676	23	237
9 Sep 65		" to D. Ebling	221427	23	281
3 Jun 66		Alfred & Thelma Clark to Fred Clark	223 556	23	331
26 May 67		W.&P. Gnadt to Fred Clark	227092	23	425
23 May 67		J. Palmer to Fred Clark	227093	23	426
1 Jun 67		P. Peterson to Fred Clark	227086	23	419
26 May 67		J. Hungate to Fred Clark	227091	23	424
26 May 67		Bertha Rinker to Fred Clark	227090	23	423
26 May 67		E. Shaffer to Fred Clark	227089	23	422
8 Jun 67		D. Ebling to Fred Clark	227088	23	421
29 May 67		F. & J. Clifford to Fred Clark	227087	23	420

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Echo Group No. 2 (Cont)

Note: Succession of Quit Claims left Fred Clark sole owner. Fred Clark died June 26, 1970. By will, Fred Clark's interest passed to Donald Clark, son who was appointed Executor. Probate proceedings all completed except for attorney action to secure appraisal from 3 disinterested parties, now proceeding.

SECESH CLAIM No. 1 — Located 28 Jul 67; Book 85, Page 357 (Grangeville); Indexed: 228107 — By: Donald Clark, Fred Clark

Note: Fred Clark is deceased-interest passes to Donald Clark.

LYBOT GROUP No. 1 - now consists of Lybot Claim #1 - located 21 Jul 65, Book 84, Page 131, Indexed 221127 — By: Terry Clark, Lynda Clark, Robert Clark

Amended 25 Jul 66-Book 84, Page 485, Indexed 224961 — To Add: Donald Clark

and: Lybot Claim #2 - located 29 Aug 66, Book 84, Page 483, Indexed 224960 — By: Donald Clark, Nettie Clark, Fred Clark, Terry Clark, Lynda Clark, Robert Clark, Kelli Clark

Amendment: 7 Oct 68, Book 86, Page 593, Indexed 232238 — To bring Lybot Claim #1 and Lybot Claim #2 together as Lybot Group No. 1.

Note Fred Clark is deceased-interest passes to Donald Clark. Power of attorney from Nettie, Terry, Robert & Lynda to Don Clark to act as their agent. Kelli is minor child of Donald Clark.

CLARK GROUP No. 1 — Located 18 Jul 45; Book M, Page 193 (Warren); Book 74, Page 411 (Grangeville); Indexed 149094 — By: Donald Clark, Nettie Clark, Fred Clark, Ruth Clark

Amendment: 8 Jul 55, Book 78, Page 291 - 184425 — to add Auralee Clark (to replace Ruth, deceased) and Alfred Clark, Thelma Clark

Amendment: 1 Sep 66, Book 84, Page 487 - 224962 — To amend to legal subdivision.

Amendment: 1 Aug 67, Book 85, Page 355 - 228106 — To add: W. H. Gnadt, Patricia Gnadt

Quit Claim: 5 Sep 67 From W. H. Gnadt to Fred Clark Bk 23, P.459-228429
29 Nov 67 From Auralee Clark to Fred Clark Bk 23, P.477-229864

Note: Fred and Alfred Clark are deceased. Fred's interest passed to Donald Clark, Alfred Clark's interest passed to Thelma Clark. Donald Clark is contract purchaser of Thelm'a interest and has Power of Attorney to act as her agent until contract is completed.

L & B CLAIM: Located 25 Jul 52; Book N, Page 92 (Warren) — By: Ben Stites, Frank Victor

Quit Claims: I do not have record of these: From Stites & Victor to Leonard Clark

Amendment: 25 Sep 69 to tie to legal subdivisions

Note: Donald Clark is contract purchaser of Leonard Clark's interest and has Power of Attorney to serve as his agent until contract is completed.

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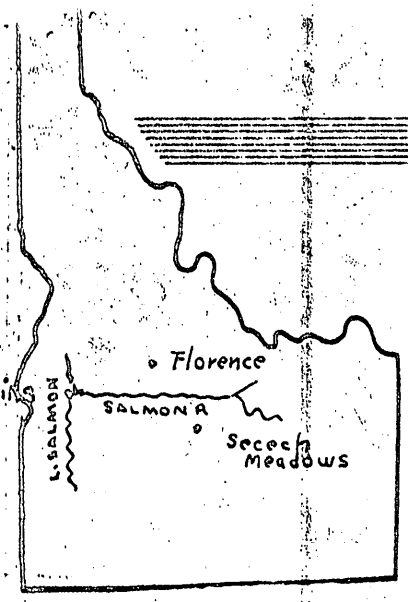
Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661



TWIN RIVERS, INC.

PRODUCERS OF RADIO ACTIVE SAND

BOX 427 ✣ RIGGINS, IDAHO

February 4, 1954

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E. WASH

Alfred Clark
New Meadows, Idaho

The following is a report on the monozite sand mined in Secesh Meadows, in 1953. End Lease Claims.

3420 lbs. @ $450. per ton	769.50
Separating costs by Baumhoff-Marshall, Inc.	173.80
Net value	595.70
Royalty @ 10%	59.57

We are depositing a check for the amount of $59.57 to your account at the Idaho First National Bank of McCall.

Very truly yours,

TWIN RIVERS, INC.

By [signature]

19.86
3) 59.57

Exhibit 3(2)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

ED STATES MINT
DENVER, COLO.

BULLION DEPOSIT—MEMO REPORT

Mint Form (Rev.)

SOURCE DATA

1189 Date 6/9/47
or Scotch Dredging Co.,
Box 488,
Boise, Idaho.

Memos Required by Depositor 5
Other Data
r Price or Class 90.5
Aff 20 oz
Melt 1.00

State Idaho
County Idaho
Mine Star Group 2

Description of Deposit	Assay No.	Weights Before Melt Ounces	Dec	Weights After Melt Ounces	Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
Act & am grn.	1402	50.06		46.08		826	162¾	11½	4	38.062	7.43

E BY CHECK
AS NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

y to: Idaho First National Bank,
ise, Idaho.

Melting	1.00	VALUES, $	1,332.17
Refining	1.04	NET VALUE	1,332.77
Handling	3.33	Bars	
Other Chg.		Cash	
TOTAL CHRGS.	6.17	Check	

6.77

Calculator

OVERNMENT PRINTING OFFICE 667936

FED STATES MINT
T DENVER, COLO.

BULLION DEPOSIT—MEMO REPORT

Mint Form (Rev.)

SOURCE DATA

100 Date 7/14/47
or Scotch Dredging Co.
Box 488
Boise, Idaho

Memos Required by Depositor 3
Other Data
Aff 86zs.App.
Melt Loss &
Melt 2.50

r Price or Class 90.5

State Idaho
County Idaho
Mine Star Group 1

Description of Deposit	Assay No.	Weights Before Melt Ounces	Dec	Weights After Melt Ounces	Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
P. Loss & am grn.	150	50.96		41.71		831½	162	6½	5	34.681	6.75

BY CHECK
AS NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

y to: Idaho First National Bank, Boise, Idaho

Melting	2.50	VALUES, $	1,213.03
Refining	2.09	NET VALUE	1,212.32
Handling	3.03	Bars	
Other Chg.		Cash	
TOTAL CHRGS.	7.62	Check	

6.12

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SPOKANE, WASH.

ERNMENT PRINTING OFFICE 667936

ITED STATES MINT
T DENVER, COLO.

BULLION DEPOSIT—MEMO REPORT

Mint Form (Re

SOURCE DATA

115 Date 7/16/47
or Scotch Dredging Co.
Box 488
Boise, Idaho

Memos Required by Depositor 2
Other Data Aff Approx 7 ozs.
Melt 1.50

r Price or Class 90.5

State Idaho
County Idaho
Mine Star Group 1

Description of Deposit	Assay No.	Weights Before Melt Ounces	Dec	Weights After Melt Ounces	Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
Pots & am grn.	148	33.48		29.01		829¾	165¼	4¾	5	24.734	4.93

LE BY CHECK
AS NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

Pay to: Idaho First National Bank,
Boise, Idaho.

Melting	1.50	VALUES, $	865.69
Refining	1.49	NET VALUE	865.00
Handling	2.16	Bars	
Other Chg.		Cash	
TOTAL CHRGS.	5.15	Check	

4.43

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Exhibit 3(3)-1

Calculator

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RECEIVED JUN - 1 1971
O. M. E.
SPOKANE, WASH.

BULLION DEPOSIT—MEMO REPORT

STATES MINT
NVER, COLO.
146 Date 7/25/47
Seccoh Drodging Co.
Box 488
Boise, Idaho

Memos Required by Depositor 3
Other Data Aff 5 ozs. approx.
Melt 1.50

Silver Price or Class 90.5

Mint Form 42R (Revised)
SOURCE DATA
State Idaho
County Idaho
Mine Star Group 1

Description of Deposit	Assay No.	Weights Before Melt Ounces Dec	Weights After Melt Ounces Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
Scort & am grs.	186	33.14	29.54	826	165	.9	5	24.400	4.87

CHECK NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

Pay to: Seccoh Drodging Co.,
C/O Idaho First Nat'l Bank,
Boise, Idaho.

Melting	1.50	VALUES, $	854.00
Refining	1.48	NET VALUE	853.29
Handling	2.14	Bars	
Other Chg.		Cash	
TOTAL CHRGS.	5.12	Check	

4.41

GENT PRINTING OFFICE 667036

G

BULLION DEPOSIT—MEMO REPORT

STATES MINT
VER COLO.
3 8/14/47
cosh Drodging Co.,
x 488,
ise, Idaho.

Memos Required by Depositor 3
Other Data Aff 9.00 oz
Melt 1.50

Silver Price or Class 90.5

Mint Form 42R (Revised)
SOURCE DATA
State Idaho
County Star Group#1
Mine

Description of Deposit	Assay No.	Weights Before Melt Ounces Dec	Weights After Melt Ounces Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
rots & am	281	63.23	61.73	829	161½	9½	5	51.174	9.93

CHECK NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

l cook to depositor,
Idaho First National Bank,
se, Idaho.

Melting	1.50	VALUES, $	1,791.09
Refining	3.09	NET VALUE	1,791.03
Handling	4.48	Bars	
Other Chg.		Cash	
TOTAL CHRGS	9.07	Check	

9.01

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Calculator

PRINTING OFFICE 16—22160-1

BULLION DEPOSIT—MEMO REPORT

STATES MINT
TER COLO. 8/25/47
ecoh Drodging Co.,
ox #488, Date
oise, Idaho.

Memos Required by Depositor 3
Other Data Aff 6 oz
Melt 1.50

Silver Price or Class 90.5

Mint Form 42R (Revised)
SOURCE DATA
State Idaho
County Star Group
Mine #1

Description of Deposit	Assay No.	Weights Before Melt Ounces Dec	Weights After Melt Ounces Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
t & am grs.	335	44.62	38.43	832½	163	4½	5	31.992	6.25

CHECK NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

Depositor,
Idaho First National Bank,
ise, Idaho.

Melting	1.50	VALUES, $	1,119.72
Refining	1.92	NET VALUE	1,119.17
Handling	2.80	Bars	
Other Chg.		Cash	
TOTAL CHRGS	6.22	Check	

5.67

T PRINTING OFFICE 16—22160-1

RECEIVED
JUN - 1 1971
O. M.
SPOKANE WASH

TED STATES MINT
DENVER, COLO.

BULLION DEPOSIT—MEMO REPORT

Mint Form 42R
(Revised)
SOURCE DATA

320 Date 9/8/47
Secesh Dredging Co.,
Box 488,
Boise, Idaho.

Memos Required by Depositor 2
Silver Price or Class 90.5
Other Data
Aff 10 oz
Melt 1.50

State Idaho
County Idaho
Mine Star Group #1 & 2

Description of Deposit	Assay No.	Weights Before Melt Ounces Dec	Weights After Melt Ounces Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
2 rots & am grs.	401	65.60	60.73	829½	161	9½	5	50.375	9.77

BY CHECK
AS NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

Mail check to depositor,
c/o Idaho First National Bank,
Boise, Idaho.

Melting	1.50	VALUES, $	
Refining	3.04	NET VALUE	1,763.13
Handling	3.04	Bars	1,763.02
Other Chg.	4.41	Cash	
TOTAL CHRGS.	8.95	Check	

8.04

Calculator

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TED STATES MINT
DENVER, COLO.

BULLION DEPOSIT—MEMO REPORT

Mint Form 42R
(Revised)
SOURCE DATA

437 Date 10/15/47
Secesh Dredging Co.,
P. O. Box 488,
Boise, Idaho.

Memos Required by Depositor 2
Silver Price or Class 71
Other Data
Melt 1.50

State Idaho
County Idaho
Mine Star Group #2

Description of Deposit	Assay No.	Weights Before Melt Ounces Dec	Weights After Melt Ounces Dec	Assay Certificate Fineness Gold	Silver	Base	Refin. Cts. Per Oz.	Gold—Fine Oz.	Silver—Fine Oz.
Rotors	500	28.74	25.61	826¼	159	14¼	5	21.090	4.05

BY CHECK
S NOTED

NOTE—This report is for the information of the depositor, and is of no other value.

Pay to: Idaho First National
Bank,
Boise, Idaho.

Melting	1.50	VALUES, $	738.15
Refining	1.28	NET VALUE	736.40
Handling	1.85	Bars	
Other Chg.		Cash	
TOTAL CHRGS.	4.63	Check	

2.88

Calculator

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O. NO. - BASH
SPOKANE

Sundance Mining Co.

Post Office Box 516
Beaverton, Oregon 97005

BULLETIN No. 4.

October 14, 1969

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O. M. E.
SPOKANE, WASH.

I am enclosing our Geologists report on the summers activities. In order for you to understand some of the references I would like to mention the following:

* On June 2, 1969, Sundance Mining Co. acquired by 10 year mining lease the property known as the Golden Rule mine consisting of approximately 300 acres along Grouse Creek in Idaho County, Idaho, and directly adjacent to the Clark property. This mine has a record of profitable production for many years.

On June 19, 1969, Sundance Mining Co. entered into a lease option agreement for the Rich Gulch and Rabbit Creek claims which are mentioned and described in the Geologists report.

Your company is presently engaged in staking and perfecting claims on a vast discovery of molybdenum ore in Idaho not far from the Clark property. Based on tests and assays already completed, the Climax Molybdenum Co. of Colorado, the worlds largest, has expressed an intense interest in the property. The mining of the property would be too large an undertaking for Sundance but a royalty arrangement with Climax, or any other large producer, could be very profitable.

As stated in the enclosed report, further testing on our gold properties is definitely indicated and we hope to be able to start some sluicing operations next spring in Rich Gulch which will generate a cash flow for the company.

A new stock offering to finance these activities will be marketed soon. The offering will consist of 120,000 shares at $1.25 per share. The stock will be sold inter-state.

Progress of the company should begin to show some spectacular results from the accomplishments to date.

You will be kept informed on our program.

SUNDANCE MINING CO.

W. K. Sherman, Gen. Mgr.

Mar. '70

* Leases cancelled by Clarks when Sundance lost underwriter (Pacific Securities, Salem) by bankruptcy

Exhibit 3(4)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Sundance Mining Co.

Post Office Box 516
Beaverton, Oregon 97005

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SPOKANE, WASH.

CONTENTS

Location of Clark Placers

History of Clark Placers

Geology of Clark Placers

Sampling of Clark Placers

Rich Gulch Placers

Conclusions

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Plate II	Golden Rule Placer
Plate III	Clark Placer
Plate IV	Rich Gulch Claim Map
Plate V	Rich Gulch Samples Map
Plate VI	Sampling Layout - Clark Placer
Plate VII	Sampling Layout - Rich Gulch Placer
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Fig. II	Sketch map of upper Secesh Basin.
Plate XI	Geology of Golden Rule Placer.
Plate XII	Geology of Clark Placers.

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CLARK PLACERS

The Clark Leases are in the Salmon River mountains of Idaho at an elevation of approximately 6000 feet. They are reached from McCall Idaho 32 miles distant via a good U.S. Forest service road partly paved. Snowfall is heavy and the road is closed to auto traffic from the middle of November to the first part of June. This closed period can be shortened by continual clearing operations if the need so requires. Water for dredging operations is available throughout the year in the river flood plain. Water must be pumped to the bench gravels. Placer operations require only small labor crews which are available locally. The bench gravels are covered with lodge pole pine with an occasional Douglas Fir. The geographic location of the Clark Lease and the Rich Gulch Lease are shown in Figs. I and II of Phamphlet 52.

HISTORY

The area included in the Sundance Mining Company's leases in the Secesh River Basin of Northwestern Idaho known as the Clark Lease are shown on Plates I, II and III and consist of 1640 acres in sections 3-4-9-10-14-15 T 22N R 5E and Sections 33-34 T23NR5E.
The geology and early history of the Secesh River area is covered in detail in Phamphlet 52 of the Idaho Bureau of Mines and Geology titled "Gold Placers of the Secesh Basin of Idaho" by Stephen R. Cappa. Field work for this phamphlet was started in 1933 and continued to publication in 1940. The studies were carried out in cooperation between the U. S. Geological Survey and th Idaho Bureau of Mines and Geology and have been generously used in this report.
Quoting from this phamphlet page 27, line 1, "The first discovery of placer gold in central Idaho at Pierce, on the Clearwater basin in 1860 was followed by a period of prospecting that in 1862 resulted in the finding of rich stream placers in the Warren district and soon afterwards of the placer deposits in the adjacent Secesh Basin." Records of production are not complete (1)"But it appears that the Secesh Basin has to the present time produced gold valued between $450,000.00 and $500,000.00. The area has been practically idle since 1938.
In October, 1968, a preliminary sampling consisting of 5 churn drill holes and six pit samples of the Clark property was completed. In May and June of 1969 a more comprehensive drilling program consisting of 53 holes drilled by a Becker drill rig was completed. In September 1969 five pits were excavated to bedrock and sampled. Photostatic copies of Geology of Clark Leases Plates XI and XIII from phamphlet 52, cover the Clark which includes the Golden Rule and Thorp Placers leases and are reproduced herein. In general the bedrock of the leased ground consists in part of

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granite and part Tertiary shale and sand stone with minor thin beds of impure lignite. The granite bedrock is ideal for placer mining but care will be required in excavating in the clay shale areas in order to avoid clay balls in the gold sluices. The absence of large glacial boulders is conspicuous. The larger weathered granite boulders break into small pieces when excavated and the sound boulders of the younger moraines seldom exceed twelve inches in the long dimension.

Overlying bedrock are three periods of glacial depositsin order of age, early Pliestocine moraine, Pre-late Wisconsin Terrace gravels, and moraine high terrace gravels, and Low terrace and present stream gravels. Sampling indicates the best gold values are confined to the Pre-Wisconsin moraines overlying bedrock. The contact of the Pre-Wisconsin age material with its weathered granite boulders, and the younger, high bench gravels is exposed in dozer trenches along the front of the bench bordering the river flood plain. This contact is quite obvious and provides a marker for removing the low grade, high terrace gravels from the higher grade, Pre-Wisconsin moraine.

The front part of the bench bordering the west side of the Secesh River Flood plain has been the locale of all recent sampling of the Clark Property by the Sundance Mining Co. and the U.S.B.L.M. There is an apparent enrichment in gold in this area especially the Northeast part of section 9. This could result from wearing away of the bench by erosion or deposition on the inside bank of the curve in the river.

One or more small, intermittent, sidehill stream beds are associated with all the previous placer operations of this area. There are a number of these small stream beds that have not been worked within the Clark leases.

SAMPLING

Preliminary sampling of the Clark property was initiated in October 1968. Churndrill contractors were difficult to obtain at this late date in the working season and only five holes were drilled. In addition six pits were excavated and sampled. These samples were sacked and trucked to the Northwest Testing Laboratories in Boise, Idaho, where they were washed through a Denver Gold Saver machine. The riffle concentrates were further concentrated in the gold pan by the writer, to approximately two pounds and forwarded to the Eisenhower Laboratory in California for assaying. All the samples showed colors in the pan. Hole No. 5 and pits 4 and 6 were exceptionally rich in gold particles. The extremely

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high recovery shown in the assay returns was unusual for placers. The Eisenhower laboratory, on being questioned about these high values, stated that the assays were made by an experienced mining engineer in placer mining and were correct.

During May of 1969, 53 holes were drilled by the Becker Drilling Co., a subsidiary of Union Carbide, to complete sampling of the Clark leases, using their new drill rig reported to have an estimated speed of 200 feet of hole per day. This work was done under the supervision of Mr. Bill Harris, E.M., consulting miming engineer of Donnelly, Idaho. The maximum gold assay obtained in this operation was 4.3¢ per cubic yard. An average of all samples drilled by the Becker Co. assayed less than 1¢ per cu. yd. The 1938 samples 1 and P1, the U.S.B.L.M. Pit 4 and the 1939 Pit 4 and hole 30 drilled by the Becker rig assayed respectively per cu. yd. $5.96, 6.78, 1.52, 0.51 and 0.01 all in the same general locality.

Excavation equipment for sampling gold placers should not exceed in abrasion the machinery used in the mining operation. The average of all samples taken with this Becker rig was less than 1¢ per cu. yd. which indicates the extent of the abrasion of the gold particles in this operation. These samples are not representative of the area and are therefore disregarded in this report.

In September 1969 four backhoe test pits were excavated and sampled along the bench line (Plate I) in order to check the high values obtained in this area by previous sampling. All excavated material from these pits was coned and quartered in two stages, the samples obtained were sacked and later washed in the Denver Gold Saver. Assays of these samples are shown on Plate I. Plate I also shows the various samples taken in relatively close locations and the wide range of values per cu. yd.

There is an apparent enriched pay streak associated with the high bench bordering the west side of the Secesh river flood plain as shown by the samples on Plate I. Some of the gold values obtained in samples of this area are unusually high for placer operations.

The gold bearing gravels are in two separate periods of glaciation, the lower of which carries most of the gold. Sampling to date indicates that the top high bench gravels to a depth of approximately 10 feet will require stripping. A section of flood plain gravels bordering the high bench may be amenable to dredging. U.S.B.L.M. sample No. 2 and the Sept. 1969 sample No. 4 both assaying 44¢ per cu. yd. are in this belt.

RICH GULCH & RABBIT CREEK PLACER LEASES

The Rich Gulch and Rabbit Creek placers are shown on Plates 4 & 5 and Figs. 1 & 2.

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These placers consist of 12 unpatented 20 acre claims and are located in Secs. 32 & 33 T23NR6E, 9 miles northerly of Warren Idaho via unimproved dirt road at elevations of 6000 to 7000 feet. McCall, Idaho is the nearest supply point 50 miles via good light duty dirt road and 10 miles of paved road from Warren. These placers are in the same general area as the Clark property and have similar operational problems.

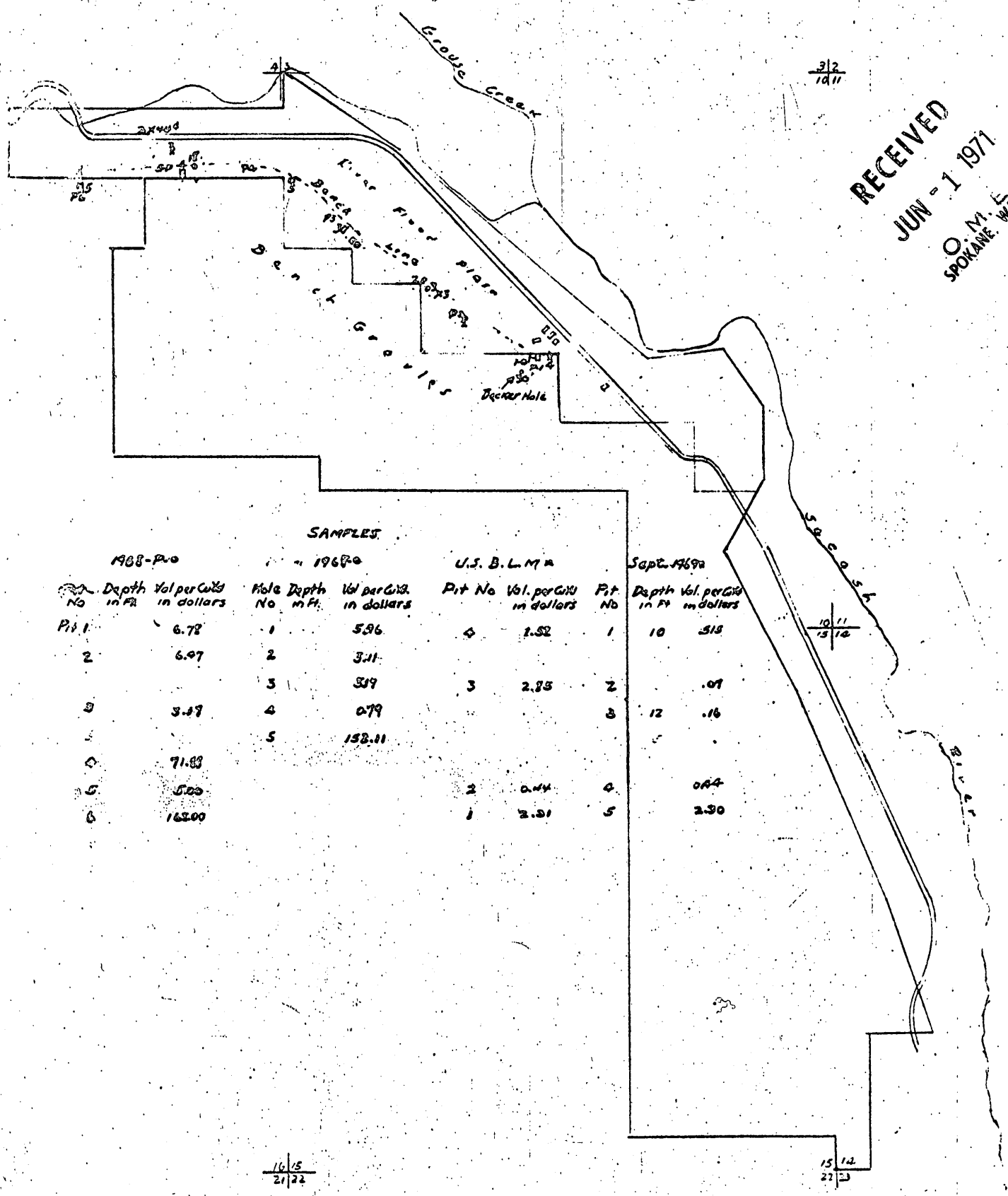
GEOLOGY OF RICH GULCH & RABBIT CREEK.

Bedrock of the area where exposed consists of graniteand schist, either one satisfactory for land dredging placer operations. The placer gravels have glacial and stream characteristics and were formed by both agencies. The largest boulders exposed measured 18 inches in the long dimension. Water at the intersection of the creeks is sufficient for treating approximately 1000 yds. per day. A small dam below the intersection on Rabbit Creek would probably double this figure. A preliminary investigation and sampling of these placers indicated the presence of the platinum group. A 1/3 yard sample taken at intervals accross dozer pit No. 4 assayed 17¢ in platinum and 35¢ in gold per yard. 5 gold samples taken as shown on Plate 5 averaged 65¢ per yard in gold.

The owner Mr. Sam Williams advises that he and his brother sluiced the upper part of the creek by hand methods for several years prior to 1942 thereby deriving an income during the summer months comparable to skilled labor pay. It is planned to substitute a dozer for the hand shovel which will increase substantially the material treated in the same time interval. Five miles of new road were made and 650 feet of dozer cuts were excavated in this area by Sundance Mining Co.

CONCLUSIONS

The Clark and Rich Creek placers are in an area of Idaho that has had a substantial gold production in the past. The Clark placers were mined by hydraulic sluicing which required certain physical features for successful operation, mainly a large volume of water under high pressure and sloping tailings disposal areas. Sections of the area with these features have been mined. Where either of these features is absent the gold bearing gravels are still in place. Present day excavating equipment can move large volumes of these gravels at costs per yard comparable to the hydraulic methods formerly employed and are not dependent on water and tailings space. The hydraulic method of placer mining treated the gravel deposit from top to bottom regardless of gold content. The land dredge treats only that gravel with pay values. Removing the top low grade material increases the cubic yard value of the material treated. The samples available for study indicate possible sizable areas that could be treated. Further sampling as shown on Plates 2, 3 & 6 is definitely indicated. The Rich Gulch and Rabbit Creek leases are in practically virgin ground. Further sampling of this ground is indicated by the assays of the 5 samples shown on Plate 5. Plate 7 is a layout of this proposed sampling.



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SAMPLES

1968-Pro			1969-Pro			U.S. B.L.M.			Sept. 1969		
No	Depth in Ft	Vol per Cu Yd in dollars	Hole No	Depth in Ft.	Vol per Cu Yd in dollars	Pit No	Vol. per Cu Yd in dollars	Pit No	Depth in Ft	Vol. per Cu Yd in dollars
Pit 1		6.78	1		5.96	4	1.52	1	10	.515
2		6.97	2		3.11					
			3		.519	3	2.85	2		.09
3		3.48	4		.079			3	12	.16
			5		152.11					
4		71.83								
5		5.00				2	0.44	4		0.84
6		162.00				1	2.51	5		2.30

SUNDANCE MINING CO.
CLARK PLACER
Claims - Samples
Scale 1 In = 500 Ft

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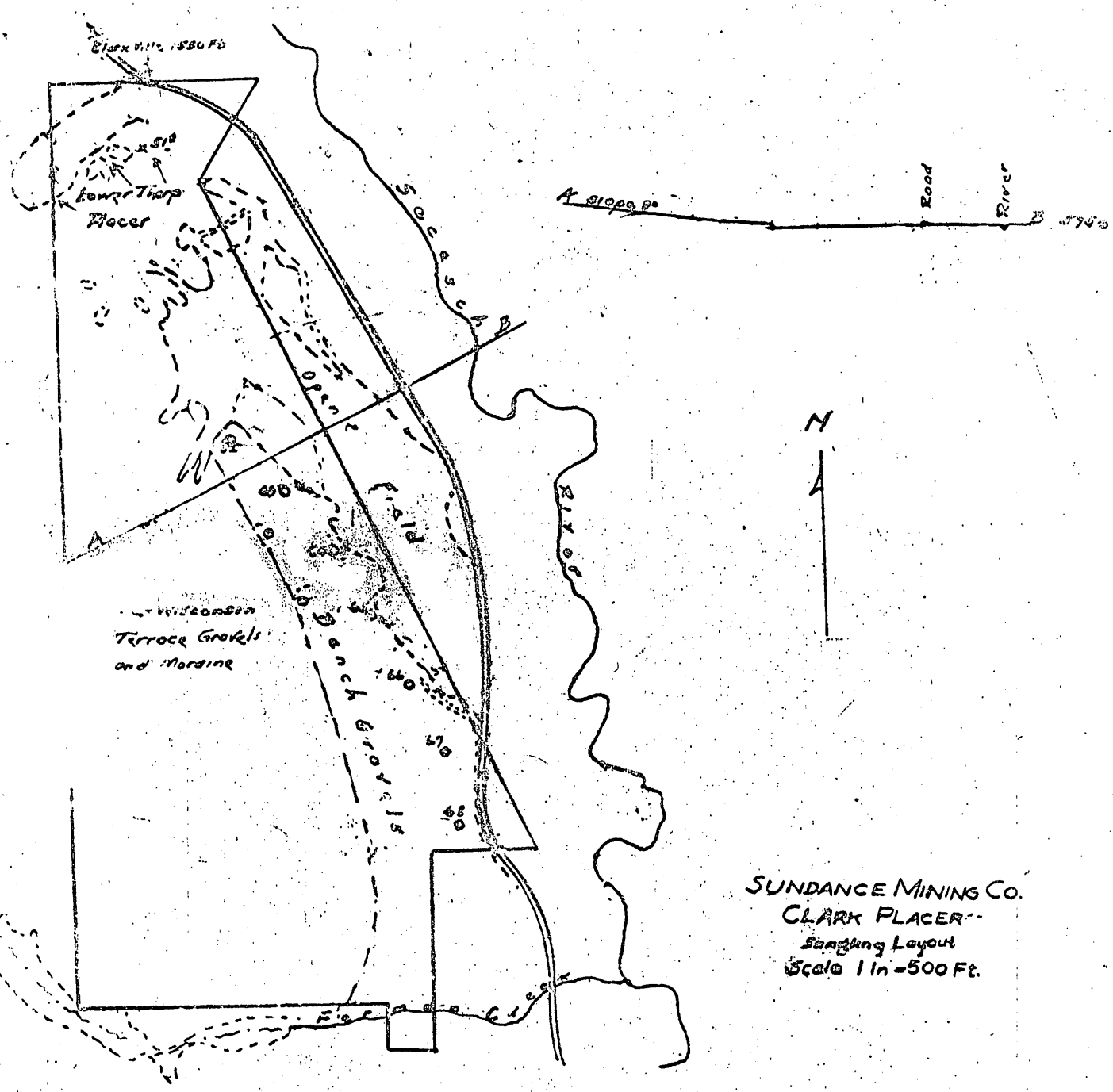
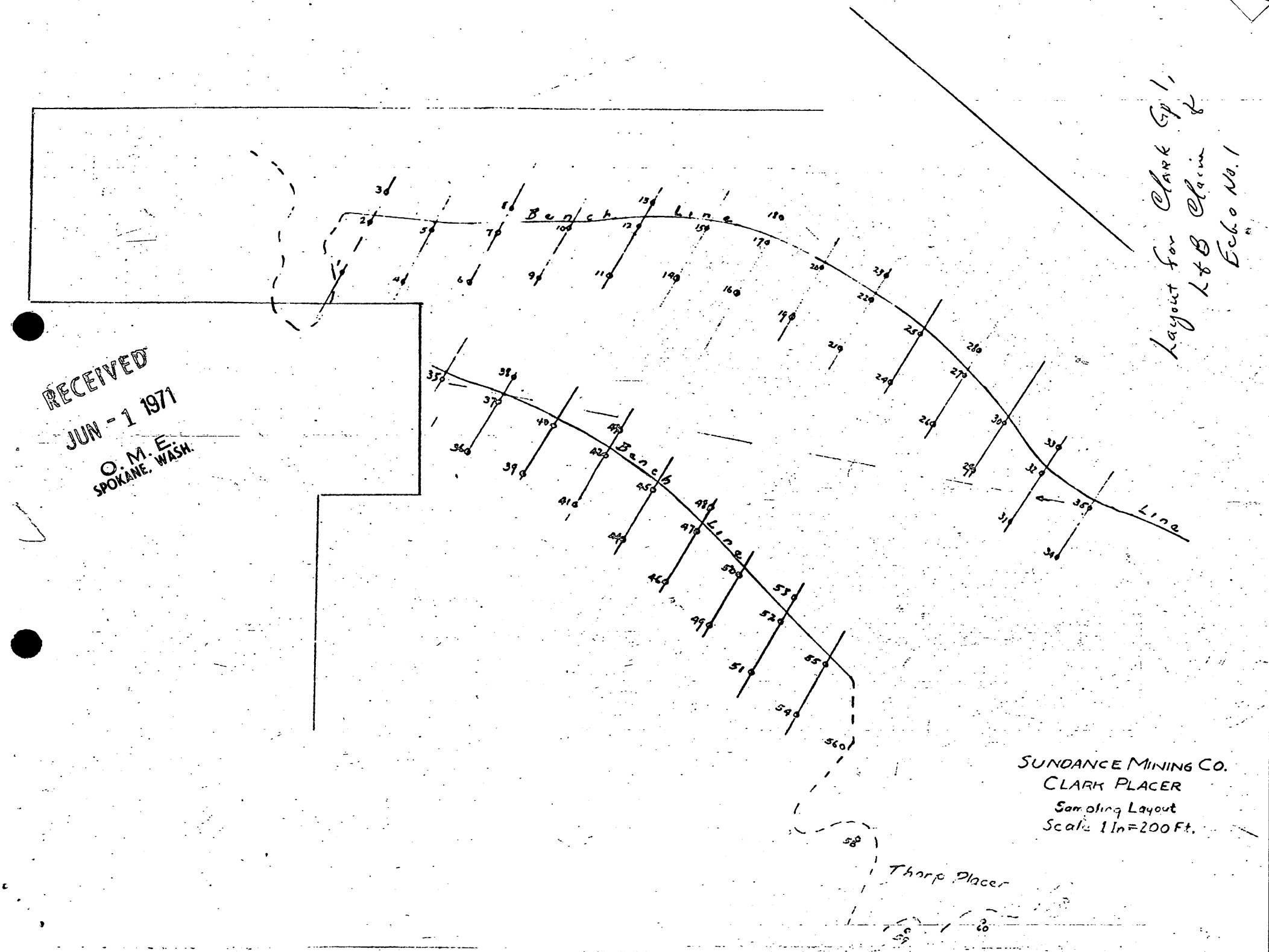


Area covers most of Echo #2, + Lybot Gp. 1.

Plate 3



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LOG TO ACCOMPANY PLAT OF ECHO GROUP #1, TEST INFORMATION:

YEAR:	HOLES OPENED BY:	METHOD USED:	GEOLOGIST:	HOLE NO.	BEDROCK DEPTH:	GOLD VALUE CONFIRMED:
1967	Fred M. Clark	Bulldozer strip,	G. R. PLUM	9	26 ft.	$ 3.31
	Ike Hinkley	then hand-dug		10	22 ft.	.44
	Don Clark	36" casing to		5	14 ft.	.13
	Robert Newcomb	bedrock		14	16 ft.	2.85
				15	20 ft.	1.52
					Average:	$1.65
1968	Fred M. Clark &	Bulldozer &	D. E. LOUGHRAN	9	26 ft.	$168.10
	Sundance Mining	hand-dug		10	22 ft.	5.06
	Co.			12	20 ft.	71.88
				13	18 ft.	3.18
				14	16 ft.	6.47
				15	20 ft.	6.78
					Average:	$43.58
1968	Sundance Mining	Churn-drill	D. E. LOUGHRAN	15	24 ft.	$ 5.96
	Co.			14	18 ft.	3.11
				17	22 ft.	3.17
				18	15 ft.	.79
				19	21 ft.	152.11
					Average:	$33.03
1969	Sundance Mining	Backhoe	D. E. LOUGHRAN	15	10 ft.	$ .52
	Co. & Clarks			14	12 ft.	.07
				13	12 ft.	.16
				10	22 ft.	.44
				9	26 ft.	2.30
					Average:	$ .70 (Footnote 1.)
1970	Don Clark	Backhoe &	JOHNSON & DOW	1	16 ft.	
	Ben Cook	Hand	(Footnote 2)	2	14 ft.	
	Gary Gook			3	18 ft.	
				4	16 ft.	
				5	16 ft.	
				6	16 ft.	
				7	14 ft.	
				8	14 ft.	
				9	26 ft.	
				10	22 ft.	
				11	20 ft.	
				12	20 ft.	
				13	18 ft.	
				14	18 ft.	
				15	20 ft.	
				16	16 ft.	

Footnote 1: The 1969 tests are a good example of trying to use the same holes that were dug one year previous. Winter sluff and water action nearly preclude same as far as getting accurate results. These are the test results BLM cites in answer to Rep. McClure as being from "a trace to $2.30 per yard."

Footnote 2: "Johnson & Dow", US Forest Svc Geologists, examined only holes #9 & #10. Results of their find have not been made available to me. Hole #9 was examined from the high hillside (39 ft to bedrock) & not from the average depth to bedrock which is 26 ft. Average depth from river to point examined is only 14 ft.

(Footnote 3.)

Footnote 3: These holes were opened for mineral exam but only #9 & #10 were examined due to lateness in season & press of other business. All holes when opened were panned by Cook & Clark. Gold values, not less than $1.00 per yd. per pan were obtained -much higher in some cases.

General comment: Tests at various times stated were in the same general area of numbers stated but not in the exact spot, except for the 1969 tests which proved unsatisfactory due to trying to use old holes.

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SPOKANE WASH.

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

Hole No.s refer to Echo #s & are as shown on Exh. 3(1) for that Group.

Exhibit 3(4)a-1

REPORT ON PLACERS AT CLARK PROPERTY AND MC COY CREEK PROPERTY BY MR. D. E. LAUGHRAN, E. M.

The objective of this phase of the examination was to determine if gold in economic quantity was present in the gravels and if further testing to determine the economic feasibility of the placers was justified..

Due to the lateness of the season only a limited number of holes and pit samples could be obtained before weather conditions made it impractical to maneuver the drilling equipment.

Three separate deposits of gravel are present in the Clark property, namely, the present stream gravels combined with low terrace gravels, Pre-Wisconsin terrace gravels and moraine on the steeper valley slopes and an intermediate series of High Terrace Gravels earlier than the late Wisconsin between these two as shown in section A-A on the accompanying map. These High Terrace Gravels form a relatively flat bench for approximately one mile along and thirty feet above the west margin of the Secesh River flood plain.

Creep of the glacial moraines toward the river flood plain has been quite active in the area and could result in an enrichment of the High Terrace Gravels at their junction with the flood plain. Six pit samples were taken at various intervals along the front slope of the High Terrace Gravel bench and five holes churn drilled from the surface of the bench at short distances back from the face as shown on plate one to test this geological theory. These samples were sacked and trucked to the Northern Testing Laboratory in Boise, Idaho where they were washed through a Denver Equipment Co. Gold Saver (a device commonly used in placer sampling) by laboratory technicians and forwarded to the laboratory assaying firm for recovery of the gold by amalgamation, a process used in placer mining operations.

The wide spacing and small number of samples precludes yardage or total value determinations, however, continued exploration of these High Terrace Gravels to the west and check sampling of the high recovery areas is indicated.

The McCoy Creek samples are also few in number and widely spaced along a five mile stretch of McCoy Creek. No selection of possible enriched areas was made. Further sampling is indicated to expand the present results and determine available yardage

The attached laboratory reports show the results of this phase of the examination. Lab. Numbers 1952 through 1962 indicate samples from the Clark Property and Lab. Numbers 1963 through 1974 indicate samples from the McCoy Creek property.

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232-9873
4044 S E Woodward

D. E. Laughran

GREAT FALLS • MISSOULA • BILLINGS • MONTANA

Northern Testing Laboratories, Inc.
P.O. BOX 2657
3100 PLEASANTON AVENUE
BOISE, IDAHO 83701

Report of: Amalgam Assays

Date November 25, 1968
Job Number 68-553
Sheet 1 of 1

Report to: Mr. W.K. Sherman, Sec.-Treas. (3)
Sundance Mining Company
P.O. Box 516
Beaverton, Oregon 97005

Sample Identification

Summarized below are results of amalgamation tests performed on Placer Concentrate samples.

Test Results:

Lab No.	Identification	Volume Sample* Represents in Cubic Yard	Gold Value per Cubic Yard Recovered by Amalgamation
1952	Pit No. 1	.0073	$ 6.78
1953	Pit No. 2	.0174	6.47
1954	Pit No. 3	.0122	3.18
1955	Pit No. 4	.0174	71.88
1956	Pit No. 5	.0317	5.06
1957	Pit No. 6	.0373	168.10
1958	Hole No. 1	.2497	5.96
1959	Hole No. 2	.2147	3.11
1960	Hole No. 3	.1898	3.17
1961	Hole No. 4	.1198	.791
1962	Hole No. 5	.1898	152.11
1963	McCoy Pit No. 1	.0743	1.79
1964	McCoy Pit No. 2	.0371	.821
1965	McCoy Pit No. 4	.0371	1.41
1966	McCoy Pit No. 5	.0371	1.38
1967	McCoy Pit No. 6	.0186	.301
1968	McCoy Pit No. 7	.0330	1.04
1969	McCoy Pit No. 8	.0165	1.13
1970	McCoy Pit No. 9	.0186	1.02
1971	McCoy Pit No. 10	.0186	.422
1972	McCoy Pit No. 11	.0165	.798
1973	McCoy Hole No. 2	.1998	1.15
1974	McCoy Hole No. 3	.1698	1.45

Clark Property

All Echo Gp 1

*Note: Values reported to us by Mr. Laughran.

Certified Richard T. Kanemasu
Richard T. Kanemasu, P.E.

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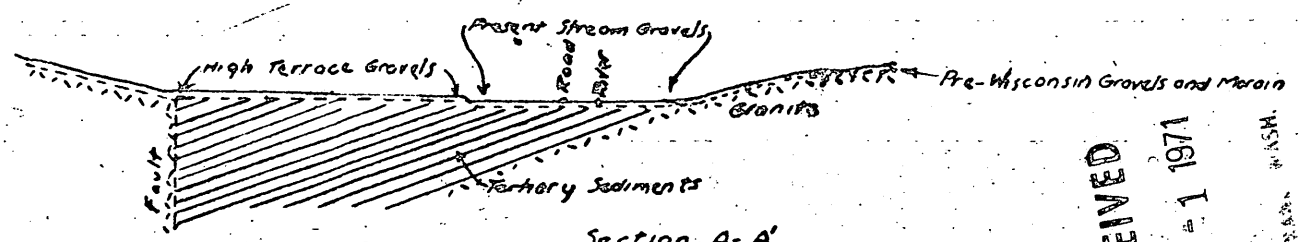

Section A-A'
1 inch = 600 Ft

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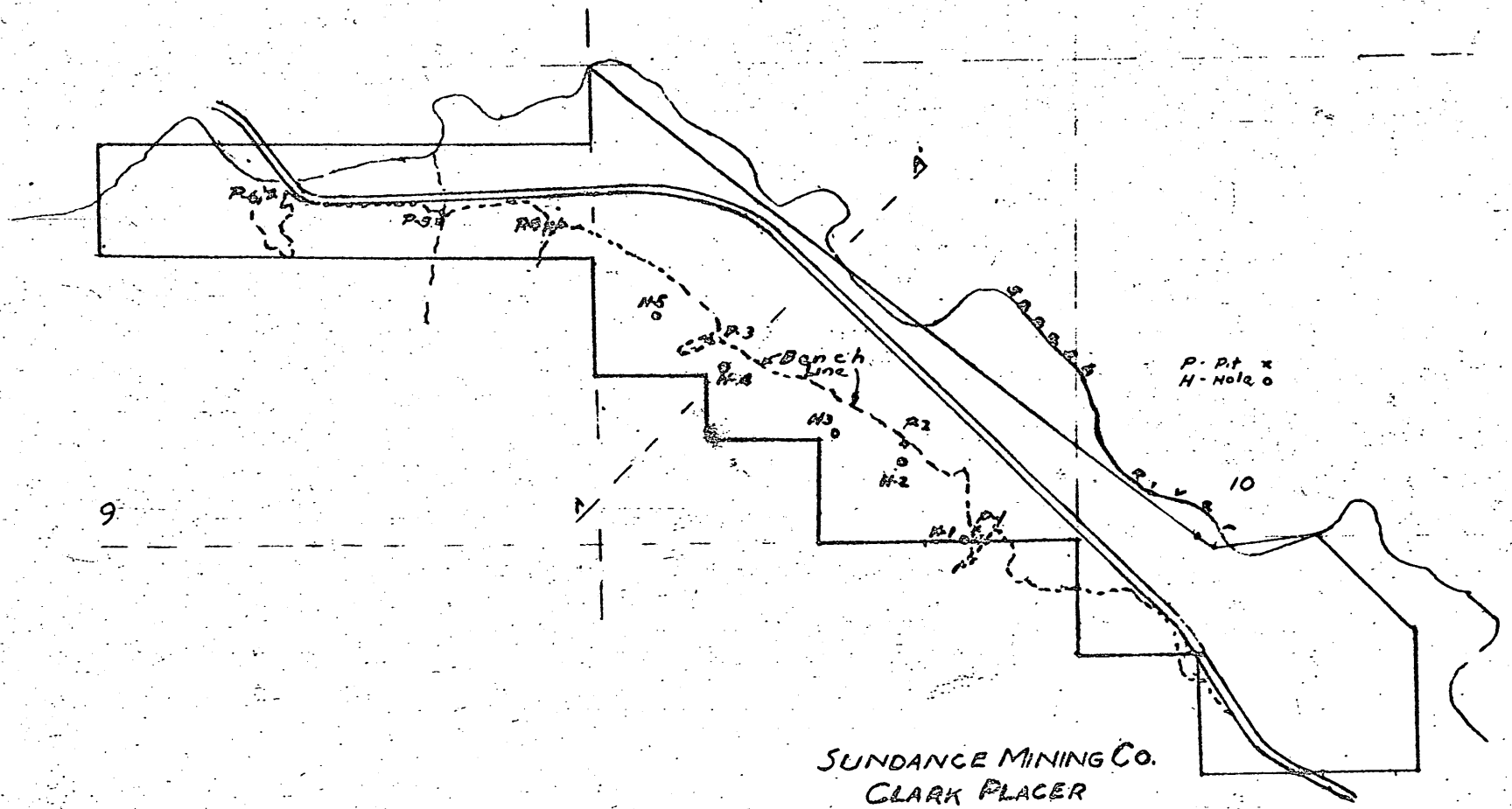

SUNDANCE MINING CO.
CLARK PLACER
Sample Locations
Scale 1 In = 500 Ft.

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
INTERMOUNTAIN REGION
FEDERAL OFFICE BUILDING
324 25TH STREET
OGDEN, UTAH 84401

IN REPLY REFER TO

2810

November 14, 1967

Mr. Don Clark
300 Far View Drive
Vancouver, Washington 98661

Dear Mr. Clark:

The analysis of samples taken on your claims of Secesh Meadows has been completed by Black and Deason, assayers and chemists, Salt Lake City, Utah, and by Porter Brothers Laboratory, Boise, Idaho. The values have been calculated as follows:

Sample No.	$ Per Cubic Yard
1	3.31 gold
2	0.44 gold
3	2.85 gold
4	0.13 gold
5	0.10 gold
6	0.27 gold
7	0.17 gold and heavy sands
8	0.51 gold and heavy sands
9	1.52 gold
10	0.09 gold and heavy sands

Considering some of these values and the gravels they represent, I cannot recommend patent of the entire area under application.

You requested, during the examination, that I inform you of the results and you would consider amending the application, if necessary, to include only those lands which meet the requirements for patent at this time. Enclosed is a sketch map showing my suggestions for your consideration. The Echo Group No. 1 claim, as shown, can be recommended for patent. Also enclosed is a description of this claim corresponding to the map.

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O. M. E.
SPOKANE, WASH.

Please let me know what action you and Fred decide to take. After hearing from you I shall prepare my report accordingly.

Sincerely yours,

G. R. Plumb

G. R. PLUMB
Valuation Engineer (Mining)
Division of Recreation and Lands

Enclosures

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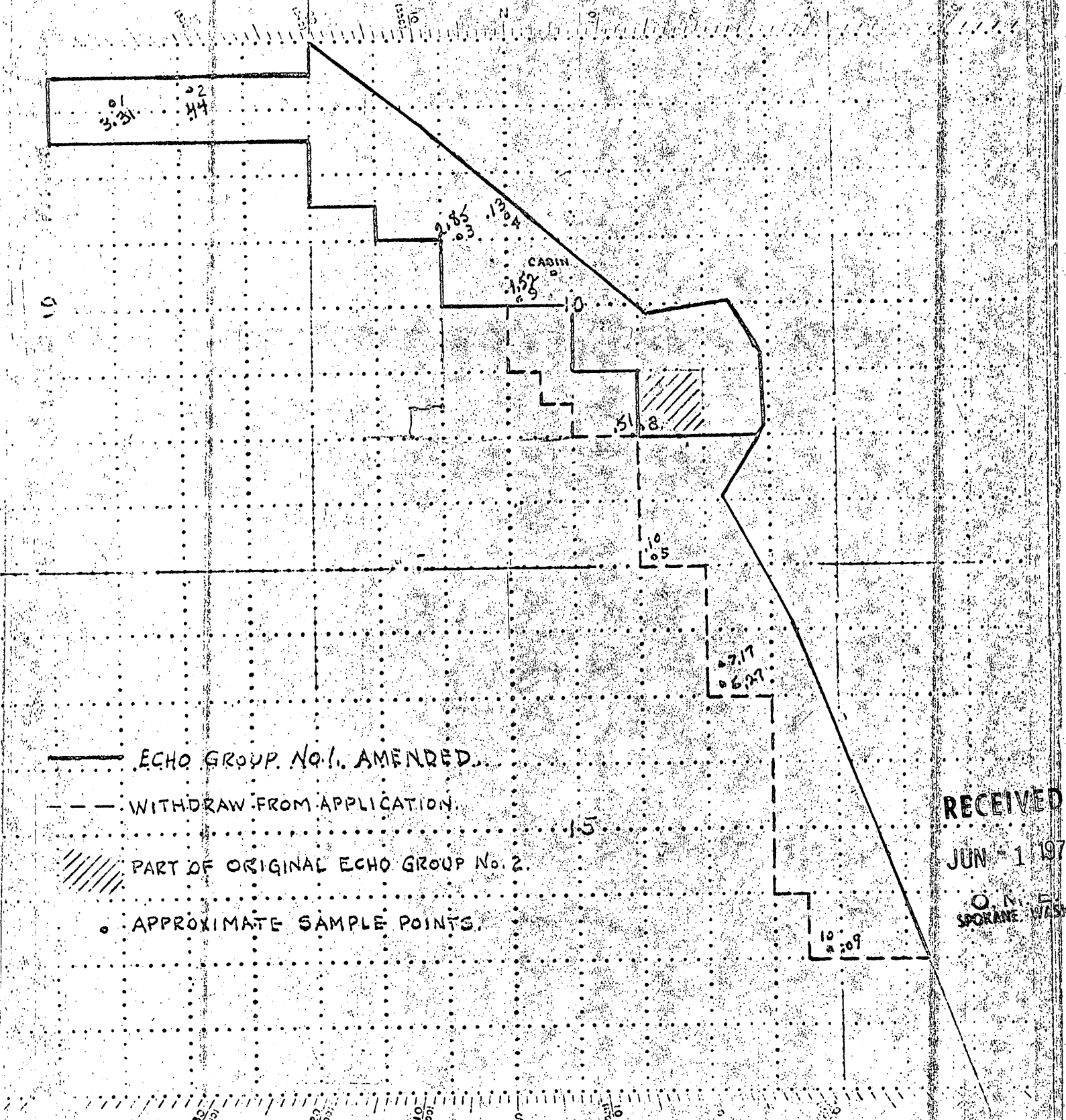
O.
SPOKANE, WASH.

DEPARTMENT OF AGRICULTURE
FOREST SERVICE
FIELD MAP SHEET

4

T. 22 N. 5 E. Sec.

Unit ..... Mag. Dec.



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O. N. F.
SPOKANE, WASH.

Date 11-9-67 Plotted G.R.P.

Return

SCHEDULE OF Prospect Holes, Test Cuts and Workings, ECHO GROUPS #1 & #2.

Item numbers below refer to circled numbers on accompanying sketch plat.

ITEM	TYPE	VOLUME MOVED CU YDS GRAVEL	DISTANCE TO BEDROCK	PER YD AVE GOLD VALUES	PER YD AVE RARE EARTH VALUES
1	Work Hole	1500	16'	$1.52	$0.22½
2	Test Hole	20	21'	1.63	"
3	Test Cut	62	21'		
4	Test Cut	125	21'		
5	Test Hole	25	22'	1.45	.22½
6	Test Hole	20	21'	1.30	.22½
7	Test Cut	60	20'		
8	Test Cut	45	15'		
9	Test Hole	14	15'	1.50	.22½
10	Work Holes	20,833	15'	.48½	.22½
11	Test Hole	8	8'	1.50	.45
12	Test Hole	12	14'	1.40	.45
13	Test Hole	15	16'	1.10	.45
14	Test Hole	8	8'	.75	.45
15	Test Cut	50	8'		
16	Test Cut	70	10'		
17	Test Cut	115	10'		
18	Test Hole	7	7'	.75	.45
19	Test Cut	15	5'		
20	Test Cut	20	5'		
21	Test Cut	18	6'		
22	Test Hole	9	10'	.25	.67½
23	Test Cut	47	8'		
24	Test Hole	10	8'	.25	.67½
25	Test Cut	88	10'		
26	Test Cut	35	10'		
27	Test Cut	40	10'		
28	Test Cut	70	10'		
29	Test Cut	70	10'		

All Echo Group No. 1

All Echo Group No. 2

Log prepared to accompany patent appln. in 1965.

Notes:

1. Gold values found through all tests run higher (and coarser) Echo Gp #1.
2. Rare earths values run higher in Echo Gp #2. Value estimates based on 1, 2 & 3 pounds to the yard at 22½¢ a pd. This value obtained from a record of approximately 1300 lbs sold to Bumhauf & Marchal in 1954.
3. No estimates made reference test cuts. These prospects made with heavy equipment. Accurate panning cannot be done due to oil left by equipment. Cuts have been made to determine that gravel formation and bedrock remain constant throughout the two claims.
4. Item 10 was dredge operation. Inefficient due to poor equipment & much spilled diesel. Recovery estimated to be not over 1/3 true value. Items 9 & 11, made prior

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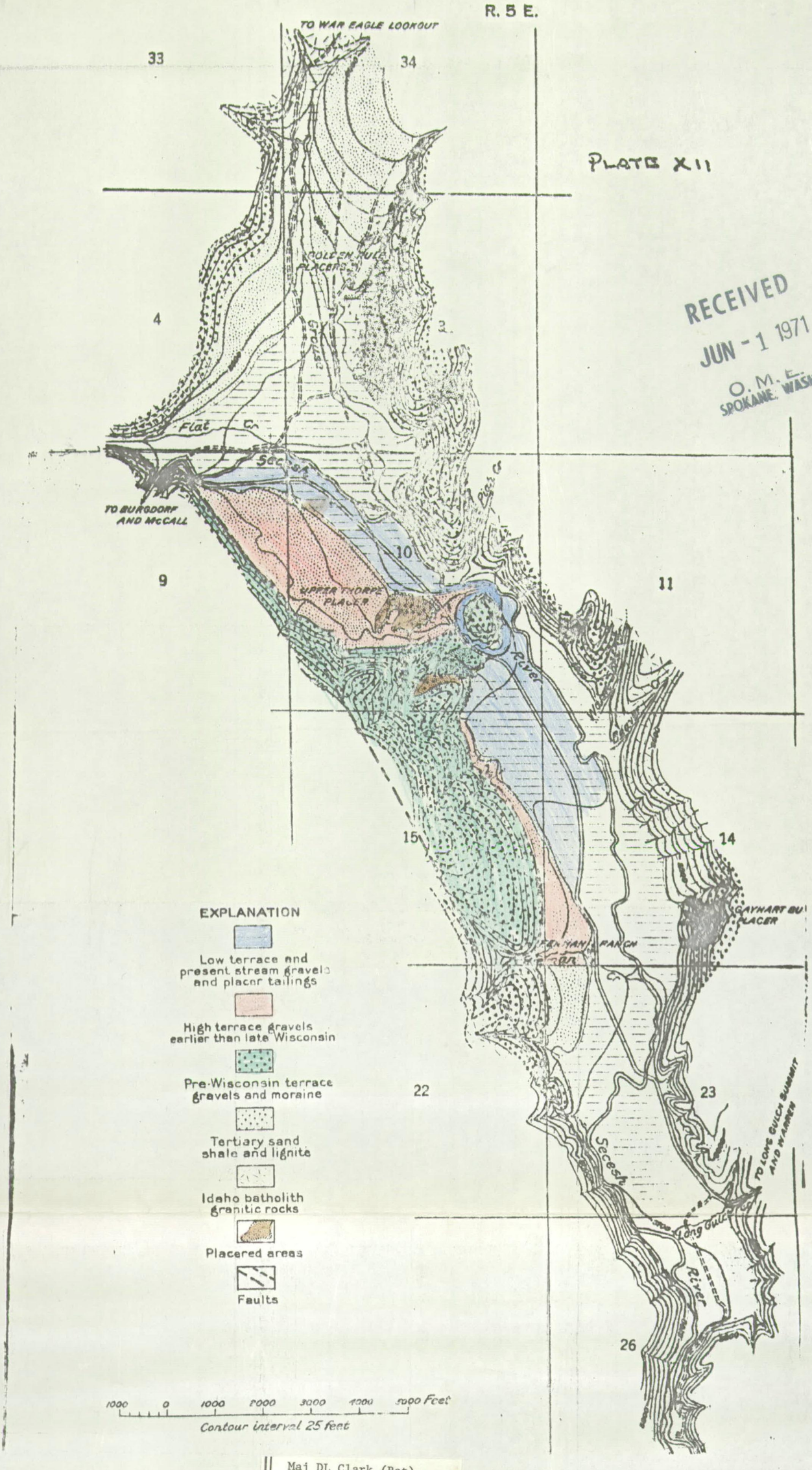

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Exhibit 3(6)-1

Maj DL Clark (Ret)
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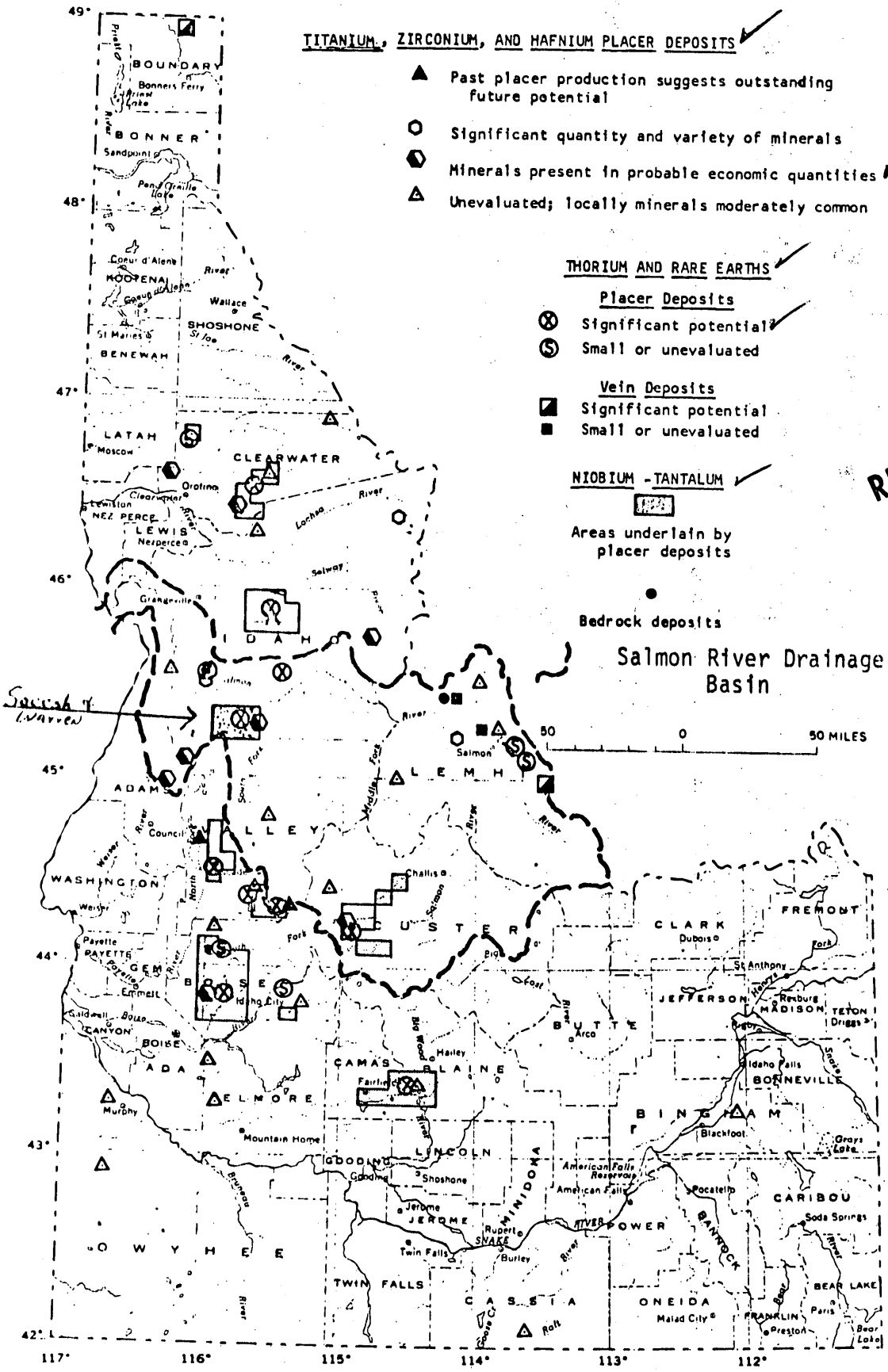
Vancouver WA 98661

Figure 14.

Titanium, Zirconium, and Hafniun, Niobium-Tantalum, and Thorium and Rare Earths



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Modified from IBMG Special Report No. 1, 1964

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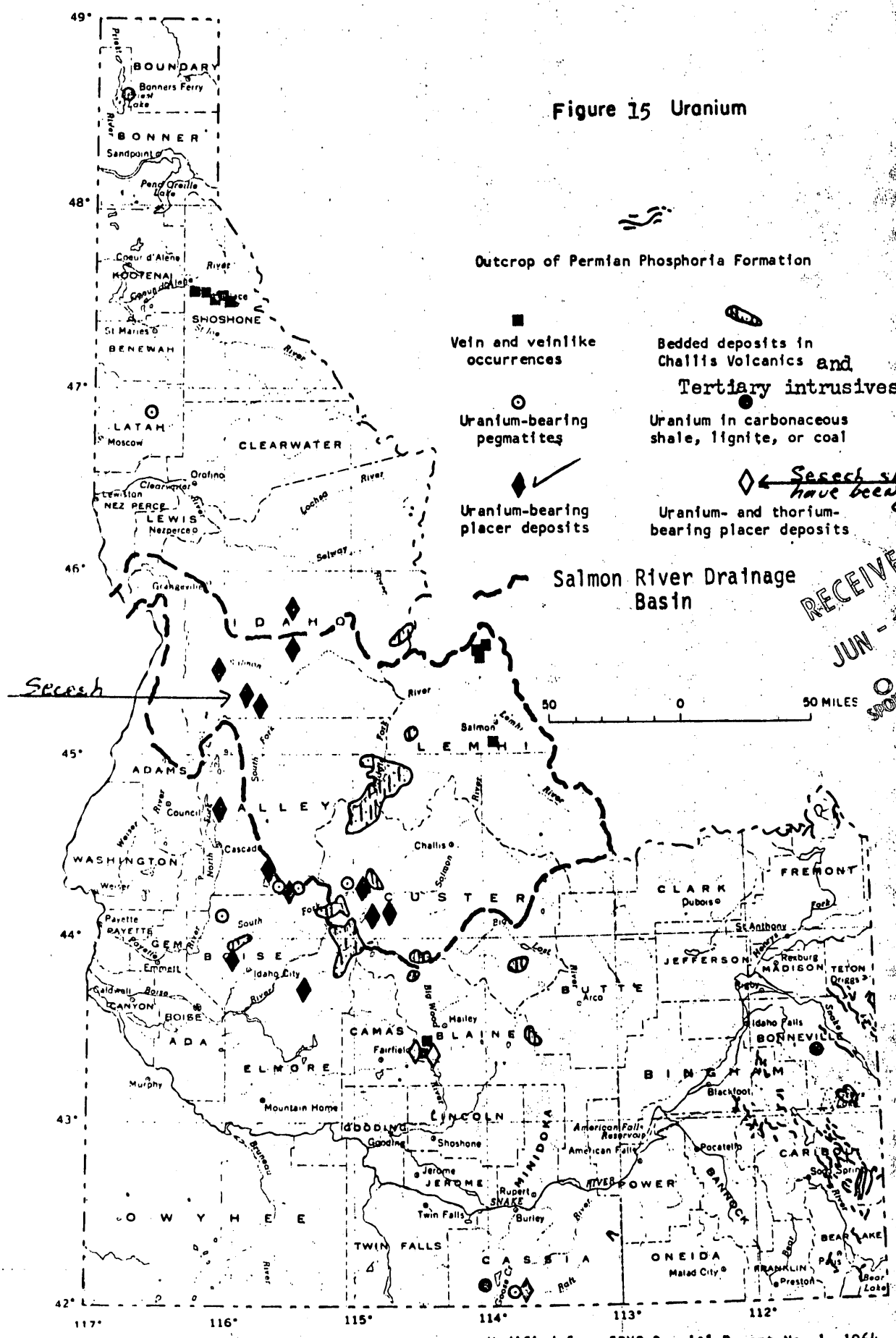

Figure 15 Uranium

Modified from IBMG Special Report No. 1, 1964

TESTING LABORATORIES

ABBOT A. HANKS, INC.

ESTABLISHED 1866

P. O. BOX 77265 • SAN FRANCISCO, CALIFORNIA 94107

TELEPHONE (415) 282-0600

GOODALL BROTHERS
P. O. Box 537
Helena, Montana 59601

LABORATORY REPORT

No. 5160

Date August 21, 1969

File No.

Sundance Mining Co.
P. O. Box 516
Beaverton, Oregon

QUALITATIVE SPECTROGRAPHIC ANALYSIS
Metals Found and Estimated Percentage Range

less than .03%	.03% to .30%	.30% to 3%	3% to 30%	30% to 100%
Lead	Vanadium	Magnesium	Silicon	
Gallium	Sodium (?)	Manganese	Aluminum	
Copper	Chromium	Zirconium	Iron	
Silver	Barium	Lanthanum	Titanium	
Nickel	Yttrium	Cerium		
Strontium	Praseodymium	Neodymium		
Scandium	Samarium	Thorium		
Ytterbium	Gadolinium			
Europium	Dysprosium			
	Erbium			

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Lab. No. 219

Sample Mark: 5274

ABBOT A. HANKS, INC.

By Charles Payne

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

P. O. BOX 70
ALBANY, OREGON 97321

February 20, 1967
P 12168

Mr. Fred Clark
2827 S.E. 35th Place
Portland, Oregon

Dear Mr. Clark:

The placer concentrates you recently left here have been classified as follows:

No. 1. - Big Hole Bridge - The essential mineral is ilmenite, with some garnet and monazite, small amounts of magnetite, quartz, and zircon, and very small to trace amounts of ferromagnesian silicate minerals, epidote, sphene, rutile, allanite, and xenotime.

No. 2 - Back of Cabins - The essential minerals are magnetite and ilmenite, with some zircon, ferromagnesian silicate minerals, and monazite, small amounts of sphene, quartz, and garnet, and very small to trace amounts of rutile, gold, feldspar, xenotime, hematite, and tourmaline.

No. 3. - Con-End - Essentially monazite, with some xenotime, sphene, and garnet, small amounts of rutile, zircon, ilmenite, and ferromagnesian silicate minerals, and very small to trace amounts of hematite, quartz, feldspar, muscovite, allanite, tourmaline, and gahnite.

No. 4. - Secesh Bags - Essentially monazite, with some garnet, xenotime, and ferromagnesian silicate minerals, small amounts of ilmenite and hematite, and very small to trace amounts of quartz, zircon, magnetite, sphene, rutile, feldspar, muscovite, and allanite.

No. 5. - G Rule Jiggs Rex - Essentially garnet and ilmenite, with some monazite and magnetite, small amounts of zircon, quartz-feldspar, xenotime, rutile, and ferromagnesian silicate minerals, and very small to trace amounts of hematite, sphene, epidote, allanite, muscovite, corundum, and biotite.

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All single pan samples from which all visible gold had been removed. Analysis requested for rare earths. Contact.

NORTHWEST TESTING LABORATORIES

4115 N. MISSISSIPPI AVENUE
PORTLAND 17, OREGON

ATERIALS INSPECTION
ONSTRUCTION INSPECTION
HYSICAL TESTING
HEMICAL ANALYSIS

WELDING CERTIFICATION
ASSAYING
SOIL TESTING
BACTERIOLOGY

January 16, 1967

. Fred Clark
27 S. E. 35th Place
rtland, Oregon

ar Sir:

We wish to report the following results on sample of
and concentrate submitted to us:

QUALITATIVE SPECTROGRAPHIC ANALYSIS

1. Elements present in concentrations over 10%... Iron
2. Elements present in concentrations 10% to 1%.. Silicon, Calcium, Titanium, Cerium, Ytterium, Phosphorous, Lanthanum, Praseodymium.
3. Elements present in concentrations 1% to 0.1%.. Aluminum, Potassium, Manganese, Zirconium, Thorium. Other rare earths are present at this range and below.
4. Elements present in concentrations 0.1% to .01%.. Magnesium, Sodium, Hafnium, Uranium.
5. Elements present in concentrations .01% to .001%.. Barium

Mercury... Minor amount Radioactivity .5% estimated E-U 308

Respectfully submitted,

NORTHWEST TESTING LABORATORIES

Charles R. Lane

Charles R. Lane, Manager

Cert. No. 81412

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O.M.E.
SPOKANE, WASH.

MINERALS REFINING CO.

May 27, 1953

John Rivers Inc.
Box 427
Kellogg, Idaho

Gentlemen

Chemical analysis of your crude monazite sand show a total rare earth oxide and thorium oxide content of 17.2%.

Sincerely,

Paul B Cardon

Paul B. Cardon

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SPOKANE, WASH.

MINERALS REFINING CO.
5221 South Major St.
Murray, Utah
P. O. Box 367
Phone 1368-J

Date: 5/27/71

Sample marked: [illegible]

Received from: [illegible]

COMPLETE X-RAY SPECTROGRAPHIC ANALYSIS

Antimony	Indium	Samarium
Arsenic	Iridium	Scandium
Barium	Iron	Selenium
Bismuth	Lanthanum	Silver
Cadmium	Lead	Strontium
Caesium	Lutecium	Tantalum
Cerium	Manganese	Tellurium
Chromium	Mercury	Terbium
Cobalt	Molybdenum	Thallium
Columbium	Neodymium	Thulium
Copper	Nickel	Thorium
Dysprosium	Osmium	Tin
Erbium	Palladium	Titanium
Europium	Platinum	Tungsten
Gladolinium	Praseodymium	Uranium
Gallium	Radium	Vanadium
Germanium	Rhenium	Ytterbium
Gold	Rhodium	Yttrium
Hafnium	Rubidium	Zinc
Holmium	Ruthenium	Zirconium

Figures are percentage estimates

In general, M refers to concentration greater than 10%; S, 1-10%; W, 0.1-1.0%; T, 0.01-0.1%; ND, not detected.
If figures are reported, semiquantitative methods were used in analysis.

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Paul B Cardon
PAUL B. CARDON, analyst.

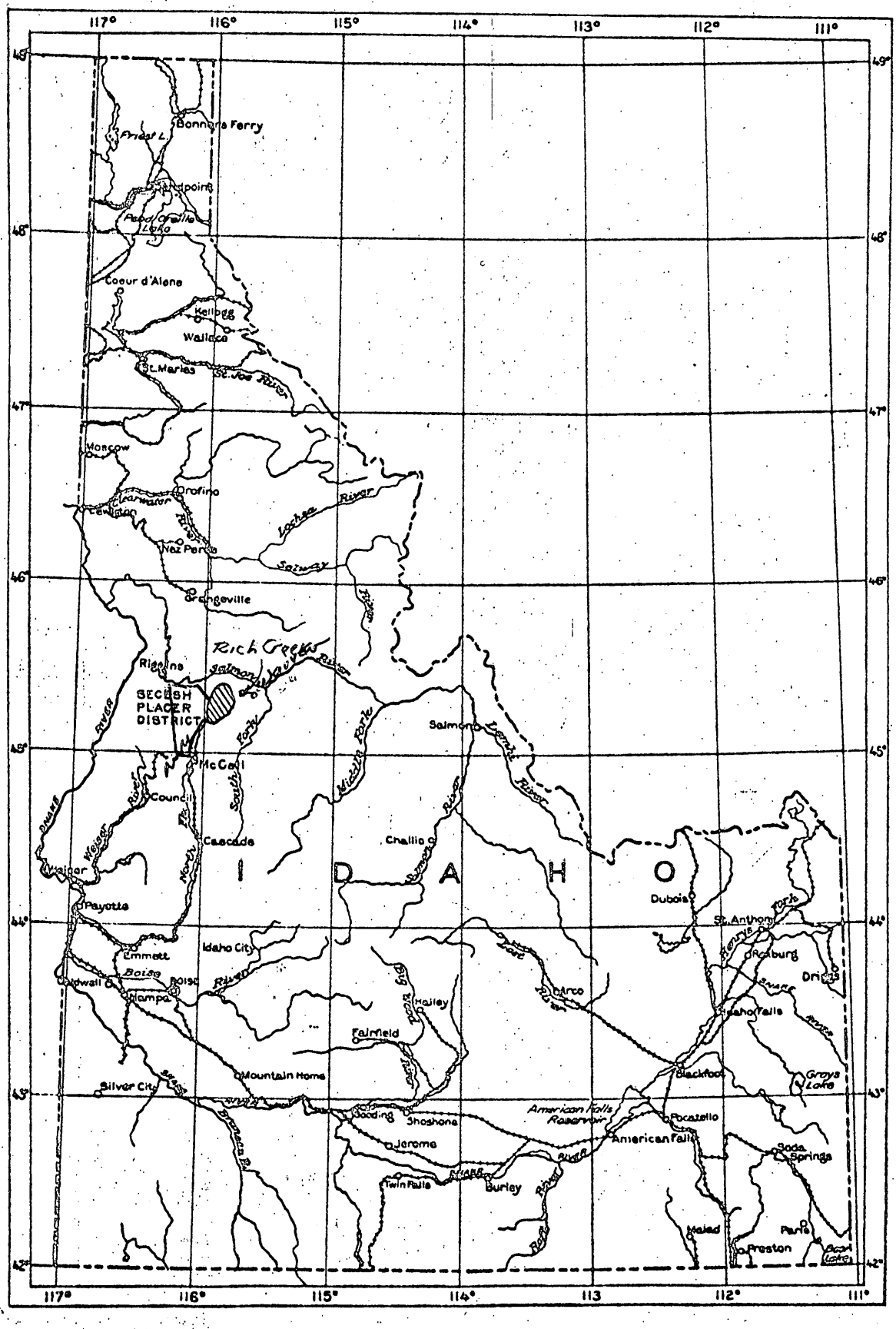

FIG. 1. INDEX MAP OF IDAHO SHOWING LOCATION OF THE SECESH PLACER DISTRICT.

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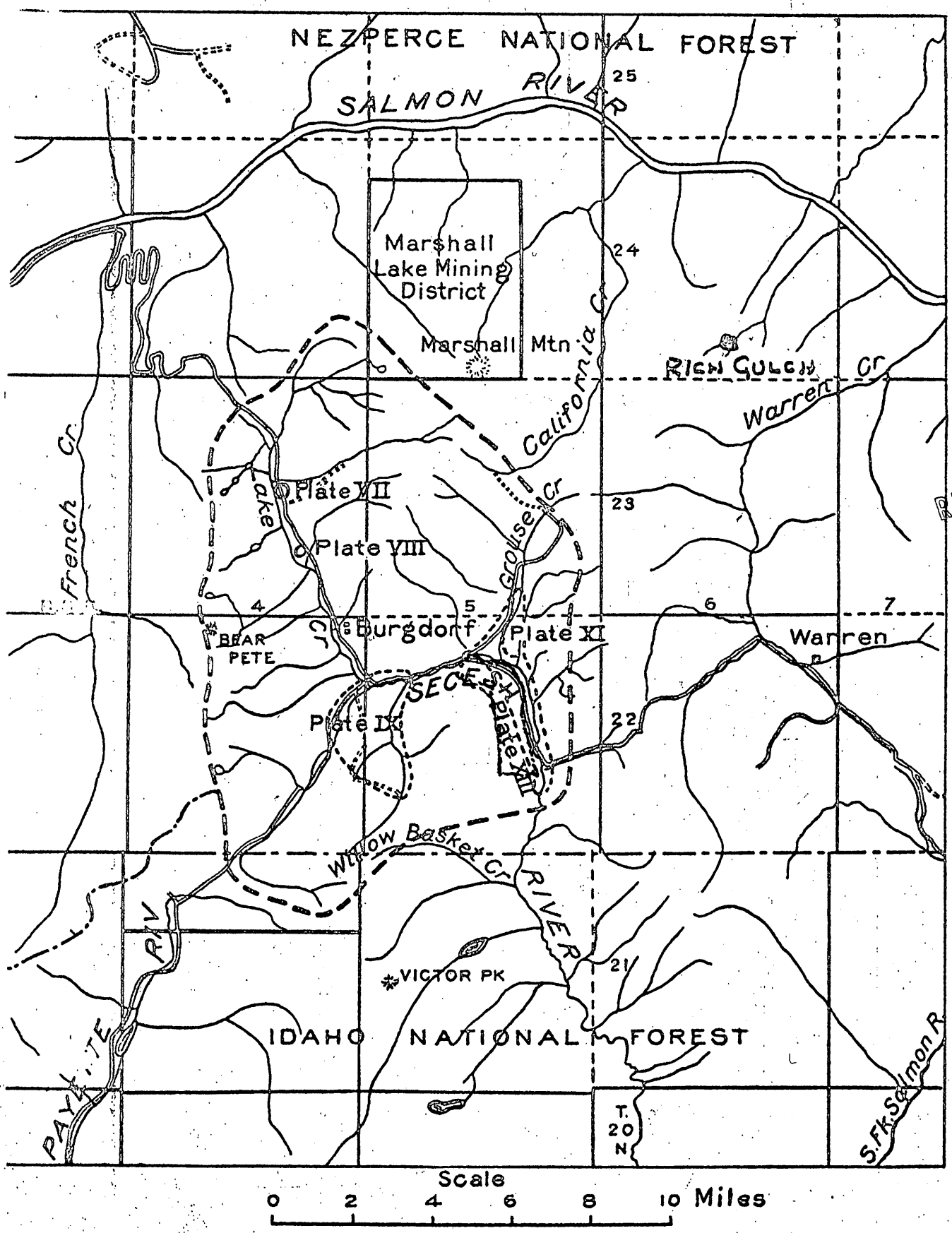

FIG. 2. SKETCH MAP OF UPPER SECESH BASIN.

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Vancouver WA 98661

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SPOKANE, WASH.

EXPLORATION COST ESTIMATE

Access Roads: 5 days - 40 hrs. @$15	$ 600.00
97 Drill Holes: @approx $75 (360 hrs @$20)	7,200.00
26 Backhoe Holes: @$25 (44 hrs @$15)	660.00
Ben Cook: 60 to 90 days (furnishing own equip; making supply and analysis trips, etc)	4,000.00
Bob Newcomb: (or other) extra labor allowance	1,000.00
Don Clark: supervisory trips alws	500.00
Total estimated costs:	$13,960.00

Exhibit 7(c)-1

Maj DL Clark (Ret)
4020 E Evergreen Blvd
Vancouver WA 98661

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
DENVER REGIONAL OFFICE
640 Two Park Central
1515 Arapahoe Street
DENVER, COLORADO 80202

IN REPLYING PLEASE QUOTE
CEH
D-1528

AIR MAIL
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

September 5, 1975

Mr. Harold Kirkemo, Chief
Office of Mineral Exploration
U. S. Geological Survey
Reston, Virginia 22092

Re: OME-6853 (Gold)
Clarkco, Inc.
Echo, Clark Group, et al. claims
Idaho County, Idaho

Dear Mr. Kirkemo:

We appreciate you sending us the above file for our use. Your assistance and that of Mr. Willard Puffett in Denver have been greatly appreciated by me.

Sincerely yours,

Charles E Higdon

Charles E. Higdon
Mining Engineer

Enclosure:
File

United States Department of the Interior

GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

Refer to:
D-1528

August 4, 1975

Mr. Charles Higdon
U.S. Security and Exchange Commission
640 Two Park Central
1515 Arapahoe Street
Denver, Colorado 80202

Re: OME-6853 (Gold)
Clarko, Inc.
Echo, Clark Group, et al., claims
Idaho County, Idaho

Dear Mr. Higdon:

At Mr. David Abbott's request of last week we are sending you xeroxed copies of our complete file on Docket OME-6853 with the exception of our Field On-Site Report which Mr. Willard Puffett of our Denver office provided you.

If we may be of further assistance, please let us know.

Sincerely yours,

Harold Kirkemo, Chief
Office of Minerals Exploration

Enclosure

cc: DRF
MR Rdg.
OME Rdg.
OME Files
Mr. Kirkemo

GPWiegand/gpw

00th Birthday

orm 7

OFFICIAL FILE COPY

Date	Surname	Code
11/12/71	Kirkemo	

NOV 15 1971

AIRMAIL
Clarko, Inc.
Golden Rule Mining & Development
Box 227
New Meadows, Idaho 83654

Re: OME-6853 (Gold)
Clarko, Inc.
Echo, Clark Group, et al., claims
Idaho County, Idaho

Gentlemen:

Careful study of your application for financial assistance in exploring the referenced property and of other information available to us indicates that participation by the Government in the proposed exploration is not warranted. Accordingly, we regret to inform you that your application is denied without prejudice to the property.

We wish to thank you for your interest in the minerals exploration program.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's reading file
Mineral Resources
OME reading file
Region I
Mr. Kirkemo
130

HKirkemo/cac 11/12/71

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code

November 12, 1971

Memorandum

To: The File

From: Chief, Office of Minerals Exploration

Subject: OME-6853 (Gold)
Clarko, Inc.
Golden Rule Mining & Development
Echo, Clark Group, et al., Claims
Idaho County, Idaho

Justification for Denial of Application

Clarko, Inc., the applicant, proposed to explore gold-bearing placer claims situated west of the Secesh River near Burgdorf, Idaho. The proposed work would consist of bulldozing, backhoe trenching, and churn drilling. Total cost of the project was estimated to be $13,960 with the Government's share at 75 percent totaling $10,470.

Earlier investigations of this and nearby properties indicate that gravels in this area are gold-bearing, but the Field Officer questions the credibility of the values reported. The applicant reported average gold values ranging from not less than $1.00 to $3.88 per yard with individual samples showing values up to $76.55 per yard. Sampling of gravels in the same general area by Yuba Dredging Company indicated an average gold content of only $0.27 per yard. Another company reported values ranging from $0.70 to $168.10 per yard. If values were consistently as high as the applicant contends, it is difficult to understand why mining has not proceeded on the property without further testing.

The applicant did not conduct a sampling operation during the Field Officer's examination of the property, and the applicants' previous test sites were inaccessible and could not be resampled. The applicant's representative could not explain to the Field Officer's satisfaction the method of sampling. The location of the test holes listed in the application is uncertain, and there are no indications in the drill logs of the distribution of values in each hole.

I concur in the Field Officer's recommendation to deny the application because the reliability of the data furnished is in doubt. As it is not possible to verify these data, I recommend that a denial be made without prejudice to the property.

Harold Kirkemo

Harold Kirkemo

cc: Director's reading file
Mineral Resources
OME reading file
Region I
Mr. Kirkemo

HKirkemo/cac 11/12/71

United States Department of the Interior

GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
Spokane, Wash., 99201

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OCT 12 1971
INITIALS | CODE
Cae | 120
zfa | 130
| 120

October 6, 1971

MEMORANDUM

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Field Examination and Recommendation
OME-6853 (Gold)
Clarko, Inc.
Echo, Clark Group, et al., claims
Idaho County, Idaho

INTRODUCTION

Clarko, Inc. has requested OME assistance to explore placer claims south and west of Secesh River, about 6 miles southeast of Burgdorf, Idaho, by churn drilling, backhoe trenching, and bulldozing. The applicant estimates the work will cost $13,960.00.

I visited the claims on July 20, 1971, in company with Mr. Ben Cook of Lucile, Idaho. We drove to the property from Lucile in Mr. Cook's vehicle. Mr. Cook directed me to the former exploration sites on the property and then we visited the Golden Rule placer workings that are about 1-1/2 miles north of the applicant's property. I spent about three hours at the placer claims. After the examination I have corresponded several times with the applicant to discuss aspects of his proposed work.

RECOMMENDATION

I recommend that the application be denied. There is little likelihood that the planned work will make a significant discovery. There is no well-defined objective and much of the work will be in the nature of prospecting to look for placer ground with high values. The applicant has not demonstrated that his method of exploration and sampling will be competently conducted.

FIELD ON-SITE REPORT

APPLICANT

Clarko, Inc., an Idaho corporation
Golden Rule Mining and Development
P. O. Box 227
New Meadows, Idaho 83654

Officers include:

President: Francis Clifford, 9510 St. Helens Ave., Vancouver, Wa., 98661
Vice-Pres.: Harold Stover, 325 Eastlake Ave., E., Seattle, Wa., 98109
Treasurer: Don Clark, 4020 E. Evergreen Blvd., Vancouver, Wa., 98661
Secretary: Curtis Ebel, 718 NW 80th St., Vancouver, Wa., 98663

PROPERTY

The property consists of claims that have been located and filed as follows:

Claim Group	Date Located	Vol.	Pg.
Echo Group 1	Sept. 8, 1958	N	454 (Warren, Idaho)
Echo Group 2	Sept. 8, 1958	N	443 (Warren, Idaho)
Lybot Group 1	July 21, 1965	84	131 (Grangeville, Idaho)
Clark Group No. 1	July 18, 1945	74	411 (Grangeville, Idaho)
L & B Claim	July 25, 1952	N	92 (Warren, Idaho)
Secesh Claim 1	July 28, 1967	85	357 (Grangeville, Idaho)

The claims were located by various members of the Clark family, most of whom have quit-claimed their interests to Mr. Fred Clark, now deceased. By will, Fred Clark's interest passed to Donald Clark, his son. Probate proceedings, at the time of the application, were complete except for attorney action to secure appraisal from 3 disinterested parties. Mr. Donald Clark has Power of Attorney to act on behalf of some other members of the family who have some ownership interest in the claims.

The claims are contiguous and cover ground that borders and also lies southwest of the Secesh River, about 6 miles southeast of Burgdorf, Idaho. (Figure 1 - Plan and index maps, Clarko, Inc. placers, secs. 9, 10, 14 and 15, T. 22 N., R. 5 E., B.M., Idaho County, Idaho.) Some habitable cabins and an old dredge pond are on the Echo Group 1 claims.

Much of the ground is moderately to heavily timbered. Bulldozer trails have been constructed to several sites of former exploration by churn drill and backhoe.

LOCATION AND ACCESSIBILITY

The property can be reached from McCall, Idaho, by driving north along the Warren Wagon Road for about 35 miles; portions of this road are hard-surfaced and improvements are being made on the rest of the road. The road can be safely traversed by passenger vehicle during the summer months.

Altitude of the claims is between 5,700 and 6,100 feet. A topographic map of the claims area is on Plate 13 of the Idaho Bureau of Mines and Geology Pamphlet 52.

GEOLOGY

Capps (1940, p. 6) summarized the geology of the Secesh Basin as follows:

> "The entire area of the Secesh Basin is underlain by the granitic rocks of the Idaho batholith, with minor amounts of ancient metamorphic rocks, among which are quartzite, gneiss, and schist, into which the batholith was intruded. Next younger than the granitic intrusive rocks there are small areas of tilted Tertiary sediments, preserved only in places where they have been faulted down into structural depressions in the older rocks, and which now appear at the surface only where still younger deposits have been stripped off by placer mining. Unconformably overlying the Tertiary sediments and the granitic rocks are extensive deposits of unconsolidated Pleistocene and Recent materials that include moraines of at least two stages of glaciation; terrace gravels of two or three distinct ages that are, in part at least, related to Pleistocene ice advances; and Recent stream gravels, with locally extensive deposits of tailings derived from the placer mines."

The Tertiary sediments are known to underly at least part of the applicant's property because Capps (1940, p. 9) described sediments exposed in the old diggings of the Thorp placer (fig. 1). The sediments strike NW, dip about 25° SW, and apparently are terminated to the southwest by a northwest-trending fault (Capps, 1940, fig. 3). The sediments are mainly clays, with lesser amounts of coarse sands, and some lignite; total stratigraphic thickness represented is at least 650 feet (Capps, 1940, p. 40).

Pre-Wisconsin and Wisconsin age gravels have been deposited on the granite and Tertiary sediments. The gravel at the Thorp workings is described by Capps (1940, p. 40) as containing a few boulders as large as 2 feet in diameter, many of head size, and abundant cobbles from 4 to 8 inches in diameter. About 80 percent of the gravel consists of granitic rocks; the remainder consists mainly of quartzite, although there are cobbles of vein quartz, pegmatite, and gneiss. Peat, as much as 4 feet thick, covers the gravels in some places.

The gravels contain the gold, but how the gold became concentrated therein is not certain. Capps (1940, p. 14-15) commented as follows:

> "In all these places this old morainal material carries some placer gold, and in many localities in sufficient quantities to have encouraged placer mining in the early days of the camp. This mining of glacial morainal material for placer gold is unusual. * * * The presence of gold in workable quantities in these moraines is probably due to the fact that before the ice advance there had already been formed concentrations of placer gold in the stream beds, and this gold and the containing gravels were piecked up by the glaciers and incorporated into the moraines * * *"

The reported quantity of gold in the gravels varies widely. Sketch cross sections (Capps, 1940, fig. 3) show values ranging from a trace to as much as 65 cents per yard; the average is probably less than 20 cents per yard. Capps (1940, p. 43) reports that lower Secesh Meadows contains about 17,500,000 cubic yards of material with an average gold content between 10 and 15 cents per yard.

I learned from a Mr. James Clutis, Clayton, Idaho, that he had sampled Secesh Meadow for Yuba Dredging Company in the mid-1930's and calculated an average gold content of 27 cents per yard (this area might lie east of the applicant's property).

Data supplied by the applicant show that test holes on his property indicate gold values per yard as high as $76.55, and average much higher than a dollar. The Sundance Mining Company reported values from churn drill holes and backhoe excavations that were as high as $168.10 per yard, and average values of $43.58, $33.03, $1.65 and $0.70 per yard. Samples from holes panned by Cook and Clark were not less than $1.00 per yard.

Other than gold, the placers of central Idaho commonly contain important amounts of monazite. The applicant presents data from samples submitted to the U. S. Bureau of Mines, that his placer ground contains ilmenite, garnet, monazite, in more than trace amounts. However, it is doubtful at this time that any of the minerals other than gold can be considered economically important.

All of the backhoe excavations had sloughed by the time of my examination and there was no way that I could take test samples to compare with those reportedly taken by Sundance Mining Company and the applicant. Mr. Clutis, who had worked in the placer mines near Burgdorf in the 1930's, commented that there was probably no placer ground in the area with an average value in gold of 50 cents per yard. If any ground contained the high values reported by the applicant, it would have been mined years ago.

The applicant has not made clear how he thinks the gold is distributed within the gravels. He makes some reference to a channel, etc., but does not indicate the presence of one on his maps.

On fig. 1, I have indicated by symbol the location of former pits, test holes, etc., in which efforts were made to test the gravels. There are at least 55 such exploratory sites. If records were adequate from these exploration sites, some idea should be evident regarding distribution of the gold; however, the application does not indicate that there is a systematic distribution of the gold. Mr. Cook, who accompanied me on my examination, mentioned that in some places there are high-grade streaks several feet above the base of the gravels.

APPLICANT'S PROPOSAL

The applicant originally proposed exploring his property by 97 churn drill holes and 26 backhoe holes. The estimated cost of this work, including payment for bulldozing access roads and supervisory peronnel, was $13,960.00. Later, he found that no churn drill was available and he revised his plans to include only backhoe work. Where the gravels were deeper than the depth to which the backhoe could dig, he would bulldoze a trench before setting the backhoe. He revised his proposed work to include 95 bulldozer cuts and 125 backhoe holes. Estimated cost of only the bulldozing and backhoe work, including $1,000 for contingencies, is $5,210.00.

Locations of the proposed backhoe and churn drill holes are shown on fig. 1. The applicant did not submit a map showing the location of the backhoe holes proposed in his revised exploration project. It is assumed that they will, in general, explore the same general area as that shown on fig. 1.

Correspondence with the applicant after he submitted his proposal and after my field examination revealed that the objectives of the proposed work are to learn:

1. The depth of the Tertiary beds and the alluvial deposits

2. The course of the old river channel

3. The gold values found on the "bench" areas.

The backhoe samples will be run through a Panomatic, recording the depth from which the particular sample came. A sampler will then ride the bucket, taking a vertical sample each foot of depth--one pan per foot--and these will be run through the Panomatic. Where ground water is present, pumping will be required. The material recovered in the Panomatic will be taken to a reliable laboratory for analysis.

One of the objectives of the testing will be to determine if the old river channel followed the fault line that crosses the Clark Group and the Lybot Group 1.

APPRAISAL OF PROPOSAL

The program, as outlined by the applicant, appears to be adequate to thoroughly test his property for gold-bearing placer material. Whether the program can be properly termed exploration rather than prospecting is questionable. One objective--to test along the fault line for an old river channel--might have some merit, but the location of the fault is largely inferred. Other than the fault line, the planned holes seem to be more in the nature of prospecting.

Former work, particularly that done and reported on by Sundance Mining Company, indicated that the gravels are gold-bearing. However, the values reported from former work seem too high to be credible. One wonders at the competence of the individuals in charge of the sampling. Placer ground with values in excess of one dollar per yard is not common and yet Sundance Mining Company reported values from $0.79 to $168.10 per yard and did not mine it.

I have discussed the above values with other geologists, some of whom have been associated with companies who were in the gold-dredging business, and have been assured that placer ground with values in excess of 50 cents per yard would probably have been mined years ago.

One of the questions which I have not been able to resolve satisfactorily is the competence of the applicant to adequately sample the drill holes. His comments that his sampling in 1970 obtained gold values, not less than $1.00 per yard, and much higher in some places, suggests very rich ground or lack of precision in measuring. His letter of Aug. 2, 1971, states that hole #9, on Echo Group 1, averaged $2.65 per yard and hole #10 averaged $3.88 per yard. These values seem too high to be reasonable.

During my examination of the property, I was not able to take samples to compare with those reported by the applicant, because all of his test holes had either caved shut or, in the case of the drill holes, were inaccessible for sampling. Mr. Ben Cook, who accompanied me on the examination, was not able to fully enlighten me regarding his method of sampling; he did, however, explain how sampling was done during dredging in the Warren, Idaho, placer areas.

The amount of work that has been done (see fig. 1) has tested many parts of the applicant's ground. Results of this sampling have not been systematically tabulated even though they are listed in the application. For example, exhibit 3(4)a of the application is called a log to accompany plat of Echo Group #1, Test Information, but I cannot be certain of the location of the listed holes. Also, the values for each hole is the apparent average value of the hole, but there are no indications of the distribution of values in each hole.

CONCLUSION

The applicant has submitted much analytical data concerning the presence of gold in gravels on his property. The values shown seem incredibly high; if they truly reflect the gold content of the gravels, one wonders why the ground was not mined years ago. There are no tables listing the distribution of values in each hole, and one must assume the highest values are at bedrock.

The proposed backhoe work will examine a large part of the applicant's property, with no particular objective known now, such as a channel, etc. It is hoped by the applicant that an old river channel will be found along an inferred fault along which Tertiary sediments are downdropped against granite.

The applicant has not demonstrated that he is capable of adequately sampling or recording the data in his drill holes. This he should be able to do since a Government representative cannot be present during all of the proposed work.

The applicant states that he cannot afford to bring in labor and equipment to perform a pre-exploration exploration. This was in response to my suggestion that perhaps I could see the results of some carefully sampled holes at a few places on his property, in order to be convinced of the adequacy of the applicant's methods.

I have no doubt that there is some gold in the gravels on the applicant's property. I do doubt that the gravels are as rich as the applicant's data suggest. I do doubt that the applicant has demonstrated that he can adequately sample the gravels and analyze the results. Hence, without further evidence of the applicant's competence, I cannot favorably recommend the application for OME assistance.

Willard P. Puffett

Willard P. Puffett

REFERENCE CITED

Capps, S. R., 1940, Gold placers of the Secesh Basin, Idaho County, Idaho: Idaho Bur. Mines and Geology, Pamphlet no. 52, 43 p.

Enc: Fig. 1 - Plan and index maps, Clarko, Inc. placers, secs. 9, 10, 14 and 15, T. 22 N., R. 5 E., B.M., Idaho County, Idaho.

ROUTING AND TRANSMITTAL SLIP

1 TO (Name, office symbol or location) Chief, Office of Minerals Exploration	INITIALS / DATE	ACTION: CIRCULATE / COORDINATION
2 Re: OME-6853 (Gold) X Clarko, Inc. Echo, Clark Group, et al., Claims Idaho County, Idaho	INITIALS / DATE	FILE / INFORMATION
3	INITIALS / DATE	NOTE AND RETURN / PER CONVERSATION
4	INITIALS / DATE	SEE ME / SIGNATURE

REMARKS

Attached is letter from applicant giving some more details regarding the sampling that was done in 1970. He apparently has satisfied, to the best of his ability, the questions I had regarding his method sampling, etc. Some way or other, the values he rports appear too high to be reasonable-- my problem is how to verify such valuesin asmuch as none of the exploration holes were available for inspection because they had caved.

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RECEIVED
AUG 18 1971

INITIALS	CODE
Cac	120
HK	120

Do NOT use this form as a RECORD of approvals, concurrences, disapprovals, clearances, and similar actions

FROM (Name, office symbol or location)
Willard P. Puffett
Field Officer, Region I

WPP

DATE 8/16/71

PHONE

OPTIONAL FORM 41
AUGUST 1967
GSA FPMR (41CFR) 100-11.206

GPO : 1967 O—300-455 (8-H) 5041-101

RECEIVED
AUG 16 1971
O.M.E.
SPOKANE, WASH.

Don Clark
Box 1846
Vancouver, Wa 98663

Aug 2, 1971

US Department of the Interior
Office of Minerals Exploration
656 US Court House
W. 920 Riverside Ave.
Spokane, Wash 99201

Re: OME-6853 (Gold)

Dear Mr. Puffett:

It is regrettable that we have not had the opportunity to meet face to face and eliminate many of the words of narrative.

The logs and statements submitted with the basic application state the results of sampling in dollars and cents related to the entire sample taken on a particular hole. In almost all cases in the past tests made either by us or by others have been done in an effort to find out what the average value is in any given location. Not until last year did I make any attempt to record value by depth. Please understand that at the same time, last year was the first attempt I have ever made definite plans to conduct a mining operation personally.

It is as a result of those tests made under my supervision last summer and fall that I know that we need the kind of information you are seeking. We must have it on which to base a decision that a particular piece of ground will be profitable or not, whether we are going to run all or only part of the gravel thru the plant, etc.

I have these results that I can give you with reasonable certainty based on tests that have been made over many years on the bench ground from the bridge to the cabins, all on Echo Grp #1:

At hole #9, the first 10 feet runs from a trace to 10¢ per yard; the next 5 feet runs 50¢ a yard or better, the last 5 feet to bedrock, $10.00 per yard - average of $2.65 per yard for all. Obviously, the first 10 feet should be laid aside and not run thru the plant. This hole lays close to the high hillside and much of the first 10 feet is sluff from that.

Hole #10, located further away from the high hillside, and more typical of the bench: a trace to 25¢ per yard for the first 5 feet; 50¢ a yard for the next 5 feet; $7.50 per yard for the next 3 feet; $12.00 per yard for the last 3 feet and bedrock. Average $3.88 per yard. We would strip as much as 5 feet, on the average, if further tests bore out the same result.

Further toward the cabins, the gravel tightens closer to the surface, there is less overburden, and there is a blending of glacial with old river channel: first 2 feet, topsoil and sand, no values; next 10 feet, light gravel which carries $1.00 per yard value; next 4 feet mixture of sand, clay and light gravel layers - gravel runs 50¢ a yard; last 2 feet and bedrock, as high as $20 per yard. Average: $2.88 per yard. Strip the first 2 feet, run all remainder through plant. The problem of clay mix can be overcome in great extent by use of a 2-cycle Pan-Am jig .

Knowledge such as above will be gained in this exploration by two methods which we will employ wherever possible. We will run the entire backhoe sample thru the Panomatic, recording the depth from which the particular sample came. We will then ride the bucket, taking a vertical sample each foot of depth - one pan per foot - and run these separately thru the Panomatic. (There will be some locations depending on whether the ground water is stable or spring fed, that we will be prevented from taking the hand sample. A pump will be able to handle the ground water in most locations.)

I have been informed that colloidal gold can be recovered and that any placer operation should seriously consider its recovery if the sands contain such. I have a Dept of Interior pamphlet describing cyanide leaching as a means of recovery. We were also visited by a man last summer whose specialty is recovery of this type of gold. He has asked us to inform him when we have stockpiled enough black sands to make it worth his while and he will bring his equipment to our ground and work it on a "split the recovery" basis. Although this field is apparently rampant with "get rich quick" experts, this man proposes only working on a share basis and demonstrated his method as follows: he mortars the black sands, runs the mortared sand thru a washing process of a chemical of his own devise and then retorts with mercury by conventional means. His recovery from what we thought were barren black sands as far as gold is concerned was impressive. I shall continue to research this subject, of course, and would appreciate any information you might be able to uncover prior to our actual operation.

In accordance with your advice we will make no attempt to "split samples... for analysis." I realize that this is good avice and fully understand the distortion that could result from such. It can work both ways, as well.

"Knowing the value of the gravel before starting to mine," is the whole basic reason for this planned exploration. Although we are quite familiar with the bench area of Echo Grp #1 as to depths to bedrock, composition of overburden, values (average) by depth, size of gravels, tenacity of gravels by depth, variance between river channel and glacial and the intermix of the two types of deposits - we are not in possession of this type of information on the balance of the ground. This exploration program will give us this information as a byproduct of determining the gold values. It is well understood by me that this information, well documented, is critical to the final determination of a profitable operation.

I believe that we have mapped an adequate program of test holes that will give us the required information on which to base a sound decision of operation whether the gravels we are sampling are of river or glacial origin, or both.

We plan to do no assaying of the sample concentrates. The samples obtained from the Panomatic, labeled appropriately for exact identification, will be taken to a reliable laboratory for analysis.

Sincerely,

Don Clark

RECEIVED
AUG 16 1971
O. M. E.
SPOKANE, WASH

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

July 30, 1971

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 2 1971

INITIALS	CODE
glm	120M
HIK	~~120~~

Mr. Don Clark
Box 1846
Vancouver, Washington 98663

Re: OME-6853 (Gold)
Clarko, Inc.
Echo, Clark Group, et al., Claims
Idaho County, Idaho

Dear Mr. Clark:

We are obviously expending a lot of words in our letters but I wonder if we are communicating.

I've tried to emphasize that results of the sampling have to be in figures such as cents or dollars per cubic yard. If a sufficient number of samples can be collected, it seems reasonable that values can be contoured which could direct one to zones containing the most gold.

You have used such terms as light gold values, highest values, extremely rich, highly enriched, and "hot" streaks, in the postscript to your letter of July 28, 1971. Perhaps I know what these terms mean but I have no way of putting a value on them. When you report that the highest values are on bedrock, please support the statement by telling me how much more in dollars or cents per cubic yard this gravel contains than the overlying gravel.

Your letter also reports colloidal gold is in the black sands. Can such gold be recovered?

I have been influenced by reading Technical Bulletin 4 of the U. S. Bureau of Land Management, wherein one is cautioned about splitting samples of gold-bearing gravel for analysis. This bulletin strongly urges that the gold be washed from the entire sample, because if the sample is quartered and split, erroneous results might obtain. One grain of gold, particularly if coarse, could strongly distort the results of a split sample.

Sampling a placer deposit is not the simplest operation. A large capital investment is required to mine a placer, and it seems very important to me that one knows the value in the gravel before starting to mine. Obviously the values in a glacial deposit will be much more erratically distributed than in an old stream bed. Perhaps this will mean more exploration holes and more samples.

I must be convinced of the adequacy of your methods of sampling and assaying. The only way I know of determining this is from results of your work, as I suggested in my last letter to you.

Sincerely,

Willard P. Puffett
Field Officer, Region I

cc: OME w/cy incoming letter

RECEIVED
JUL 30 1971
O. M. E.
SPOKANE, WASH.

Don Clark
Box 1846
Vancouver, Wa 98663

July 28, 1971

United States Department of the Interior
Office of Mineral Exploration
656 U.S. Court House
W. 920 Riverside Ave.
Spokane, Wash 99201

Attn: Willard P. Puffett
Field Officer, Region I

Re: OME-6853 (Gold)

Dear Mr. Puffett:

I'm sorry that I didn't "read you right" and have caused you to have to ask again for more detailed data. I'll try again. Dad and I have employed various methods over the years to arrive at just what you are talking about, and being as familiar as we have been with the "lay of the gravel" I was too close to the forest to see the trees on your question.

In general, there are three separate and quite recognizable deposits over the entire area of our ground. The deepest, in general, is without question, an ancient river channel and contains washed gravel, mostly washed quartzite which is a bit different from the other two deposits. What we refer to in our layman term is "blue" gravel.

The other two deposits are glacial, according to the geologists who have studied the area. The gravels are smaller in size mixed with granite (washed) which decomposes when exposed to air for a period of time. The conglomorate mixture contained in these two deposits usually runs much higher in thorium, monazite and zirconium, with less "black sand." The old river channel carries a high content of black sand rich in ilmenite and magnetite as well as other elements.

The river channel also carries gold that is much coarser than the glacial deposits, thus the values run higher on analysis. This is true not only due to the "heavier" deposit but also due to colloidal gold contained in the blacks.

Bedrock under the old channel is a solid granite when reached, but also decomposes on exposure to air. Bedrock under the glacial deposits is usually a hard clay or clay,granite mixture. Most of the early day mining was confined to the glacial deposits - skimming the surface, so to speak. In only one place, and that is over on the Golden Rule, was any of the "deeper" gravel mined. Later, in the small dredging operation on our ground, some of the old channel was mined.

I am including a sketch with this letter to help you better understand the "lay of the land" as I know it.

Now to the question of gold values and how determined. On holes that we have dug by hand and on those dug by backhoe, we have usually taken samples from the start of tight gravel to bedrock (this can be from grass-roots; it can be several feet below the surface in some locations where topsoil overlays the gravel deposit) - according to the number of feet sampled in depth of "pay gravel" we have then come up with a reading for hole. Our old "miner fashipn" procedure is thus: take a pan (we use a medium size gold pan) about every foot of tight gravel down to bedrock. Put the pans thus taken into a wash tub. Wash out the total sample and separate the visible gold. Weigh the sample obtained. Knowing the number of pans to a 5-gal bucket or a tubful as the case may be, we can relate this to a cubic yard of gravel and thus obtain the approximate yardage value of the sample.

Dave Laughran, ME, Portland, Oregon served as geologist for Sundance Mining Co. When he showed us his method as an old-time miner and experienced geologist of many years how to take a backhoe sample, we ceased our old method and started using his. This was to clear a spot with a solid base for the sample, place all gravel dug from the hole in a cone, quarter it and come up with the result after panning the quarter portion of the cone. It was his advice that this gives a good reading from the surface (whatever the surface may be, through all overlying material to pay gravel if that be the situation, through all pay gravel to bedrock. This is why I answered as I did. An alternate to this method might be to place the varying depths in separate piles, then sample the individual piles, recording the gold value reading on each by keeping them as separate samples through the washing plant. This would probably give the desired information of the gold value at the different depths, say each two feet, from the surface to bedrock and be more valuable later in determining how much overburden to strip, lay aside, and not run through a washing plant. Dave recorded this type of information as the backhoe was digging after a fashion. In most places, whenever you hit tight gravel, you have gravel that will pay to run through an operation and the amount of overburden is not too difficult to keep track of on a logged exploratory. We can do either of the two plans above, I believe, and come up with the desired log information.

It is my understanding that question was raised by the SEC concerning the high value samples recorded by Sundance Mining Co. However, those samples were taken under the supervision of the geologist, they were controlled to the laboratory, and the chief of the laboratory when questioned became very indignant that his integrity was being questioned. I have been told that the same samples were verified by sending to another lab in Montana. It is possible that the values are accurate. The holes that they came from lie along the course of the fault area. Dad and I had never been to bedrock along this course with our hand digging, dozer holes or backhoe holes. The geologist said it was not impossible that there is a large concentration of gold along the fault edge. In fact, this is what he concentrated on in that particular series of tests to locate and sample that particular area.

Why hasn't the area been mined long ago? The only answer I can give you is that the old-timer looked for surface deposits that could be worked with snow water or that could be reached easily by ditches from existing streams. Then he worked the top layers of pay gravel and when he reached the false clay bedrock, he stopped. This pattern is typical of the entire Florence, Warren, Burgdorf, Ruby Meadows, and Secesh Basin areas. The only "deep" mining that has ever been done on any of those deposits to any extent has been in Warren Meadows, which has been dredged. In this particular case, the "fault" area lies above the flood plain of the Secesh, it is sort of "in between" any old operation and a fault didn't particularly mean anything to anyone until Laughran made it a point to prospect a portion of it.

Dick Plum, USFS geologist, who examined some of the property in 1967 and who is familiar with the ground encouraged me to carry out a more extensive exploration of the "lower" ground - that is, Echo Gp #2 and the Lybot. Dick is of the opinion that there is a strong possibility that the old river channel follows the same fault plane, underlies the ridge that cuts across the center of our property and will be revealed quite deep on the bench that follows the west lines of the claims. I was further encouraged along this line of reasoning last summer (late) when we sunk a hole with backhoe higher on this bench than we had ever been before on the extreme south end of the Lybot. We went through a very tight, but very small deposit of gravel typical of much of the south end, through a layer of sand about 8 feet deep and then hit a different gravel strata. It panned very well, but we did not have time

to get into it further. This was the general course that I used to lay out the planned exploratory holes on that area and I'm very anxious to prove Dick right. It could open up a complete new reading on the ground in the lower end which we had always thought to contain only light gravel with fine gold, yet extremely high in monazite and zirconium.

To the churn drill - after extensive searching - physically and by phone, Ben has been unable to come up with such an animal. No one seems to be in the business at least in our reasonable geographical area. We have just about decided that we will have to use the dozer to go as deeply as we can then set the backhoe in the cut and go on down with it. We will have to pump water to do this in much of the meadow ground (flood plain) area, but we do have good pumps that can probably handle it. It will also be a far more economical operation with the equipment right in the area. If you have any better suggestion for us we would appreciate your thoughts.

Thanks for the description of the Pan-omatic. Curiously, it is the same model that I just saw in Western Mining News and have been intending to get over to Portland to check it out. It would be useable for us not only for the sampling of this operation but later in use with a two-cycle Pan-Am jig that we have lined up to work with our washing plant.

I hope the attached sketch will give you a clearer understanding of how the property lays in relation to what I have written. I'm sure that we will have no difficulty in differentiating in how to sample a particular hole depending on where it is, its individual composition and the amount of overburden it contains.

If you still have some question that I might be able to answer for you please don't hesitate to let me know.

Sincerely,

Don Clark

RECEIVED
JUL 30 1971
SPOKANE, WASH.

July 29, 1971

Postscript -

I have re-read your letter prior to dispatch of mine and believe that I may have found the detail that has caused confusion. Ben, inadvertently I'm sure, for Ben is extremely conscientious, has erected a mountain out of a mole hill - "Mr. Cook mentioned to me that in some places on your property the values are scattered throughout the gravel and in other places they may be confined to narrow streaks at varying distances above bedrock."

The latter part of that statement is not correct. The first part of it may be misleading.

As I have stated, there are three general ancient deposits. Two glacial, one river. This was made a matter of record by Cappa, who has made the only thorough, wide-area report on Secesh Basin. Tests that we and others have made subsequent to his report have born out his findings to be quite accurate. The only thing his narrative does not reveal are as follows:

The depth of the tertiary beds and the alluvial deposits
The course of the old river channel
The gold values found on the "bench" areas

These are answers that will be found by this planned exploration.

Back to the nature of the deposits -

The bench area from the bridge across the Secesh at the northwest corner of our property down to our cabins is uniform. In general, the surface gravel is fairly loose for about 3 feet; light gold values are found where this gravel begins to tighten; gold values increase as you approach bedrock; the highest values and coursest gold are naturally found on bedrock. The average depth to bedrock is about 16 feet.

Back from the rim of the bench toward the hill, erosion from the hillsides overlays,providing overburden that will have to be removed to make mining profitable; it also provides topsoil that can be used to restore. Bedrock which was on an incline toward the hill has leveled out, gravel above is identical with that on the rim and in the flood plain below, and after removal of varying depths of overburden still runs 5 to 15 feet on down to bedrock.

In the flood plain of this same area, the present river gravels combine with the old river channel and according to some tests we have made there is an inclination toward enrichment is some of these locations. There is also a problem of nested boulders as one gets closer to the present stream; however the values may justify their handling. A comparable situation was found in deep ground on the Golden Rule and the values were high enough to warrant using separate equipment to remove the boulders from the gravels to be treated thru the washing operation.

Above the bench, and above the "overburden area" of the bench, on the side of the hill (¼ to ½ mile away from the river) gravel, without overburden is again found. Bedrock is raising rapidly, but the depth of the gravel ranging from about 6 to 12 feet continues for a considerable distance up the steep slope. How far this is so has not been accurately determined and is one of the subjects of this planned exploration. There are some minor gulches that need exploration in that they are potentially enriched areas above the general run of the hillside gravels. It is in this area that one begins to find the glacial versus old river gravel containing finer gold but still in quantity.

Behind our cabins, extending both east and south, the glacial deposits are

evident and part of this is referred to as the "Thorpe placer." This is an example of "skimming the surface" in the early days of mining in this area. No extensive exploration has ever been made below the false bedrock of this area and should be accomplished during this exploration period. The old tailings contain some light gold values; they are extremely rich in monazite and some of them were mined for this purpose and the monazite was sold during a period that it was profitable to do so.

Across Lynn Creek, following the rim of the bench, the same glacial gravel is in evidence and produces a fair return on sampling. There are two small areas that "snow water" mining was carried on many years ago and produced good results for Lewis Winkler, one of the former owners of the Golden Rule. No deep testing (below about 12 feet) has been done on this part of the property. All prospecting has been confined pretty much to the surface gravels which contain varying amounts of gold values (fine) and a high yield of monazite and zirconium.

The "south" meadow - that is the one that runs north and south over the small ridge from our cabins - contains river run gravel that runs, according to drill tests made by Fisher and Baumhauff many years ago, 15¢, 25¢, 50¢ a yard. The closer to the rim, the better returns, according to their records and conversations we had with their operators when they did some of the tests.

It is the ground back from the rim in the south end, extending for the entire length of the Echo #2 & the Lybot that no good testing has ever been performed. I have done enough to know that light gravel is encountered at varying depths of from no overburden to overburden of up to 8 or 10 feet. This has been along a course not far from the rim on the bench. Once struck the gravel is uniform, tight, and produces the usual glacial deposit fine gold. It is under this layer - and further back from the rim - that a systematic exploration is required. It is in that area that I am convinced we will find portions of the old river channel following the fault line.

* * * * * * * *

There will be no difficulty in determining - and recording - the depth of overburden that should be removed prior to mining. This is elemental.

There will be no difficulty in recongnizing potentially paying gravel, whether it be from the surface, with no overburden, or below same.

If it is felt to be more accurate than the separation that I have described by either the single cone of pay gravel, or separate cones by depth, the backhoe hole can be dug to bedrock - and then a man, standing in the bucket can take samples from the surface to bedrock. We have done this; it was done last fall by Bill Johnson, USFS geologist on one of the two holes that he examined. It isn't necessary on the edge of the rim, for you end up with an open cut, fully exposed. It does work on flat ground when the hoe has dug a hole straight down.

* * * * * * * *

Your last sentence: "Perhaps this information can be obtained within the next few weeks for I understood that you will work in the area this summer." We plan to carry on the exploration this summer. We have enough money in the treasury to finance that project plus a small reserve for contingencies. We do not plan to work otherwise. We really can't afford to bring in labor and equipment to perform a pre-exploration exploration. This has been done now for some 39 years, off and on, and the results of most of the tests of which records have been kept you have.

I can tell you this from all of the testing we have done: no tight gravel is barren of gold values. Typical of any placer deposit of my knowledge, those values will vary greatly from hole to hole, even though the holes are dug almost side by side. There are highly enriched results obtained when one happens to hit bedrock in a natural depression and 10 feet away where there

is a hump in bedrock the value on bedrock may drop several dollars per yard.

Also typical of placer deposits, there are "hot" streaks at times - and it is this feature to which I believe that Ben was referring when he said "confined to narrow steaks." I would explain here that Ben has only been with me for one summer of testing and I have been at it for many, many years. As I said in the beginning, perhaps I'm too close to the forest. But I do know the ground, I know that it will produce results wherever the gravel is tight, whether it be glacial or river deposit, and I know that those results will vary. It is for this reason that I need the average run of values in any given area to make determinations of whether to mine, not to mine, whether to strip overburden, grizzly course boulders, etc., etc.

* * * * * *

Now, have I helped any? We are very anxious to get started due to the shortness of good testing weather. The ground water conditions should be getting favorable about now and it is with the greatest hope that I plead for a starting date of no later than August 15th. Whatever you are able to do in this regard will be deeply appreciated.

Don Clark

OFFICE OF MINERALS EXPLORATION
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

July 27, 1971

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 29 1971

INITIALS	CODE
gla	120
HK	120

Mr. Don Clark
Box 1846
Vancouver, Washington 98663

Re: OME-6853 (Gold)
Clarko, Inc.
Echo, Clark Group, et al., Claims
Idaho County, Idaho

Dear Mr. Clark:

The information that you mailed me on July 25, 1971, concerning the gold values in your gravel was in the original application. I had hoped that you would have more detailed data. For example, in hole no. 11 on the Echo Group No. 2, you list the depth to bedrock as 26 feet, and the gravel value in gold is $4.25 per yard. From these data, I cannot determine where in the gravel the gold occurs. I would like to know if the main values are at bedrock or are there streaks of gold-rich material elsewhere in the 26-foot thickness.

The gold values reported by D. E. Loughran for the Sundance Mining Company are almost incredible. For example, the gold values listed for hole 12 and 19 are $71.88 and $152.11 respectively and the depth to bedrock is 20 and 21 feet. If the gold values listed have any relation to facts, why hasn't the gravel been mined years ago?

The fundamental problem is still the method of sampling and assaying. I think that your idea of sampling every two feet in the churn drill holes is satisfactory, but I do not believe that your method of sampling the backhoe trenches is. There has to be some method of sampling so that, at the conclusion of the work, one can determine where the values are in each exploration opening. Mr. Cook mentioned to me that in some places on your property the values are scattered throughout the gravel and in other places they may be confined to narrow streaks at varying distances above bedrock.

This morning I mailed you some literature describing a Pan-O-Matic device that can be used for sampling gravels. Perhaps you will be able to visit the manufacturer's of the device in Portland, Oregon, and learn if it will suit your purposes.

Before I make any recommendation regarding your application, I would like to see the results of some carefully-sampled holes at a few places on your property in order to determine the distribution of the gold in the gravel. For example, if the gravel is 20 feet thick, I would expect to see the results of at least five samples in the hole. Probably the length of the samples should be shorter near bedrock than, say, 15 feet above bedrock. Perhaps this information can be obtained within the next few weeks for I understood that you will work in the area this summer.

Sincerely,

Willard P. Puffett
Field Officer, Region I

cc: OME w/cy incoming letter

RECEIVED
JUL 27 1971
O. M. E.
SPOKANE, WASH.

Don Clark
Box 1846
Vancouver, Wa 98663

July 25, 1971

RECEIVED
JUL 27 1971
O.M.E.
SPOKANE WASH.

United States Department of the Interior
Office of Mineral Resources
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wa 99201

Attn: Mr. Willard P. Puffett Re: OME-6853 (Gold)

This is in answer to your letter dated July 22, 1971.

Thank you for your recent visit to our properties. Your quick response is appreciated.

The gravels are almost universally gold-bearing as past testing has confirmed. Included with my application was a plat indicating the major portion of the tests that have been conducted in the past, showing the test holes by number. Tied to this plat were copied records of logs indicating tests that have been made in the past by us and by others employed by us, or by Sundance Mining Co. when the ground was under lease to them. In the event those logs were inadvertently omitted for some reason, I have made copies and enclosed them here for your further information.

"Careful sampling and analysis" is a term well understood by me. I agree that unless great care is exercised in the sampling, in particular, the exercise is a waste of time. We experienced such in two particular instances in the past, much to our regret and expense, when work was being done by others for us. On the backhoe holes, it is planned to clear the base area for the sample prior to digging the hole. The backhoe bucket will dump the complete sample in a cone on the base area; when bedrock has been reached and the last bucket has been dumped, the cone will be flattened with the bucket, the sample will be quartered, and the quarter will be sacked in plastic bags which will be placed in canvas ore sacks. We have both the plastic and canvas bags in storage ready for use. The sacked samples will be taken to our own small washing operation to be reduced to concentrates. I am considering purchase of equipment for this purpose similar to what is used by Forest Service and BLM geologists when conducting a mineral examination. I would appreciate any information you can give me in this regard as to where we can pick up one of these small plants consisting of a one-inch pump, Briggs & Stratton gas engine and two 36-inch sections of 4" metal sluices with metal or plastic riffles. The concentrates obtained from washing the sacked samples will then be sacked in plastic bags to be taken to the laboratory.

For the holes opened by a churn drill, samples will be taken not less than each two feet of depth, sacked, washed to concentrate, and concentrates sacked as described above.

I appreciate the information you have given me concerning a Boise lab that could do the work for us. I shall explore it further. I do read ads in the California Mining Journal announcing a less cost and if I can verify their reliability perhaps we could save a few dollars. Perhaps the best solution would be to receive your recommendation on this matter concerning laboratories that you or your associates use, known to be reliable. I will appreciate any advice you can lend us in this matter.

I did list analytical work as a separate item, however, if what you found is the recent going price for sample analysis, I did underestimate. I allowed $700 for this item, going on lab costs of knowledge to me a bit over two years ago. However, I did allow $1000 for added labor so perhaps this will cover it anyway. If not, the item should be increased according to final information we obtain as to such analytical work.

Leonard Clark, from whom I have been trying to get an updated Power of Attorney, is a Major in the US Air Force. It is my understanding that he will be in New Meadows next week on leave. When I was in Idaho recently, I re-accomplished a Power of Attorney for him and his mother to sign. Apparently it too failed to reach him due to a recent change of address. I shall call them on Tuesday, July 27th and attempt once again to blast it loose!

In answer to "Golden Rule Mining and Development," the term is an assumed business name of Clarko, Inc. related to any mining activity of the carporation. For your further understanding, three years ago, my father and I contracted to buy the Golden Rule Mine from the Winkler family. Subsequent to Dad's death, I formed a limited partnership with four others to continue that contract. We are buying the property with the idea of tying any mining operation carried on by Clarko, Inc. in with same. Hopefully, by next summer season, we will have developed some of this property to the point that an OED assistance program can be justified.

Mr. Puffett, I'm sure now that you have visited the property, you have the same question in the back of your mind - or stronger - that some others have expressed. Leland Waggoner bought the Yuba dredge ground and subdivided; that, in the minds of many, is what is thought that we want to do when and if we receive a patent to the properties. I remind those who express this thought that we have had this ground under stake (the majority of it) since the 1930's. My Dad, like many old-timers, was of one mind - to mine. I am of two minds - to mine and to restore. It is not hard to do, nor is it very costly. The Porter Bros. restored a project which they dredged in Bear Valley to better grazing land than before it was disturbed. Our situation is ideal as to mining. We have sufficient length in the property to install as many settling ponds as necessary to clear the disturbed water and never return it to the Secesh River until it is well past the mouth of Long Gulch. The point that is certain is that I do intend to mine for all its worth. I need this further exploration to give us the answers as to overburden, old channel values, - all of the factors required to produce an economical, efficient operation. Your help will be deeply appreciated.

Sincerely,

Don Clark

OFFICE OF MINERAL RESOURCES
656 U. S. Court House
W. 920 Riverside Ave.
Spokane, Wash. 99201

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JUL 26 1971
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HK

July 22, 1971

Mr. D. L. Clark, Treasurer
Clarko, Inc.
4020 E. Evergreen Blvd.
Vancouver, Washington 98661

Re: OME-6853 (Gold)
Echo, Clark Group, et al., Claims
Idaho County, Idaho

Dear Mr. Clark:

Mr. Ben Cook accompanied me from Lucile to your claims near Burgdorf, Idaho, on Tuesday, July 20, 1971, and drove me to all the sites of former backhoe and churn drill exploration. He told me of the local mining history and discussed your plans to explore the placer grounds further.

Although Mr. Cook could tell me that most of the backhoe and churn drill holes intersected gold-bearing gravels, he could not tell me the values per cubic yard of the gravel. Hence, the impression I obtained is that the gravels are almost universally gold-bearing but I have no idea if the gold is sufficient to pay for a method to recover it. It is important that any planned exploration include provisions for careful sampling and analysis so that at the conclusion of a project the results can be quantified.

Your application mentions that the Sundance Mining Company sent their samples to the Northern Testing Laboratory in Boise for washing in a Denver Gold Saver machine and ultimate analysis. I telephoned this company today to learn the costs of such analyses but found that they no longer perform this work. They did refer me to Chronic and Associates, 2704 Woodlawn Avenue, Boise, Idaho, whom I telephoned.

Mr. Marv Burgess of Chronic and Associates discussed the problem of sampling and analysis with me and suggested that some process could be devised wherein the gravel samples could be washed and the gold recovered by amalgamation. A single sample would probably cost about $25; however, if there were several tens of samples, the costs would be less, perhaps $10 per sample.

You have not listed analytical work as a separate item in your estimate of the exploration cost. It seems to me that analytical costs could be a fairly large item.

Mr. Cook was not explicit as to just how he would sample the churn drill cuttings or the backhoe cuts. I consider the method of sampling to be equal to or more important than the method of analysis.

Before I continue processing your application, I would like to learn just how you plan to sample and analyze your proposed exploration holes. Also, I need all the information you have regarding the gold values found in your recent exploration.

Earlier, in a telephone conversation, we discussed the now null and void Powers of Attorney from Thelma Clark and Leonard Clark to you. New documents will be necessary.

You include Golden Rule Mining and Development as part of your name. Is the latter part of the corporate name? I notice that it is included as part of the heading on your financial statement. Please clarify this for me.

Sincerely,

Willard P. Puffett
Field Officer, Region I
Office of Minerals Exploration

cc: OME

Don Clark
Box 1846
Vancouver, Wa 98663

United States Department of the Interior
Geological Survey
Washington, D. C. 20242

July 13, 1971

Attn: Harold Kirkemo
Chief, Office of
Minerals Exploration

Reference OME-6853 (Gold), Clarko, Inc., etc., Idaho County, Idaho and your letter June 22, 1971.

I wish to apologize for the delay in getting copies of the plats to you as you requested. The letter of request, after going to the Idaho address, arrived here while I was in Idaho on another business trip.

Enclosed are copies of two of the plats, the only retained copies that I have. One is missing which is a contour map only. If I may, I request skipping that one unless it is imperative that you have a copy.

Thank you so much for the speed in which my application was processed! Our season is short and your efficiency is greatly appreciated.

Sincerely,

Don Clark

MATERIAL COPY
O. M. E.
RECEIVED
JUL 15 1971
INITIALS | CODE
Cal | 120
| 130
HK | 130

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/21/71		120
6/22	cae	220
6/22	cae	120M

AIRMAIL

JUN 22 1971

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: OME-6853 (Gold)
Clarko, Inc.
Golden Rule Mining & Development
Echo, Clark Group, et al., Claims
Idaho County, Idaho

The subject application is referred to you for further study, a field examination, and recommendations.

I agree with your comments of June 3, 1971, concerning the application, and would add further, in the event you should recommend a contract, that Lien and Subordination Agreements be obtained from the individual or several claim owners on behalf of Clarko, Inc. Perhaps there are quitclaim deeds transferring these claims to Clarko, Inc., in which case Lien and Subordination Agreements would be unnecessary.

What is the connection between Clarko, Inc., the Applicant, and Golden Rule Mining and Development, an Idaho corporation, whose financial statement was enclosed with the application? Perhaps articles of incorporation of the two (2?) organizations should be obtained to clarify the arrangement.

Three maps accompanying the application are returned to you herewith for use should you make a field examination. I have not reviewed the Idaho Bureau of Mines Geology Pamphlet 52 which you mentioned, but I would question how effective the proposed pattern of exploration would be in evaluating a placer property. Would the row of holes Nos. 12, 14-23 effectively explore the placer potential of that portion of the Echo group claims? A field examination probably would be the best means of answering this question. If the proposed exploration were conducted and proved to be successful, could the property be mined without problems regarding stream pollution?

Harold Kirkemo
gla
Harold Kirkemo

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

HKirkemo/gla 6-21-71

Enclosures

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
6/22/71		120
		220
		120M

AIRMAIL

JUN 22 1971

Clarko, Inc.
Golden Rule Mining & Development
Box 227
New Meadows, Idaho 83654

Re: OME-6853 (Gold)
Clarko, Inc.
Golden Rule Mining & Development
Echo, Clark Group, et al., Claims
Idaho County, Idaho

Gentlemen:

The application for assistance in exploring the subject property has been reviewed by the Washington Office and referred to Mr. Willard P. Puffett, Field Officer, Region I, Office of Minerals Exploration, U. S. Geological Survey, U. S. Courthouse, Room 656, West 920 Riverside Avenue, Spokane, Washington 99201.

The Regional Office will notify you if additional information concerning the application is needed.

Would you please send us another set of the large maps designated Exhibit 3(1), 3(5), and 5(1). We have furnished Mr. Puffett with the one set enclosed with your application and would appreciate a set for our file.

Sincerely yours,

Harold Kirkemo
gla

Harold Kirkemo
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Mineral Resources
OME Docket
OME Reading File
OME Region I
Mr. Kirkemo

HKirkemo/gla 6-22-71

June 7, 1971

Clarko, Inc.
Golden Rule Mining & Development
Box 227
New Meadows, Idaho 83654

Subject: OME-6853

Gentlemen:

Your application for exploration assistance, dated May 28, 1971, submitted to our office at Spokane, Washington, has been assigned Docket No. OME-6853.

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

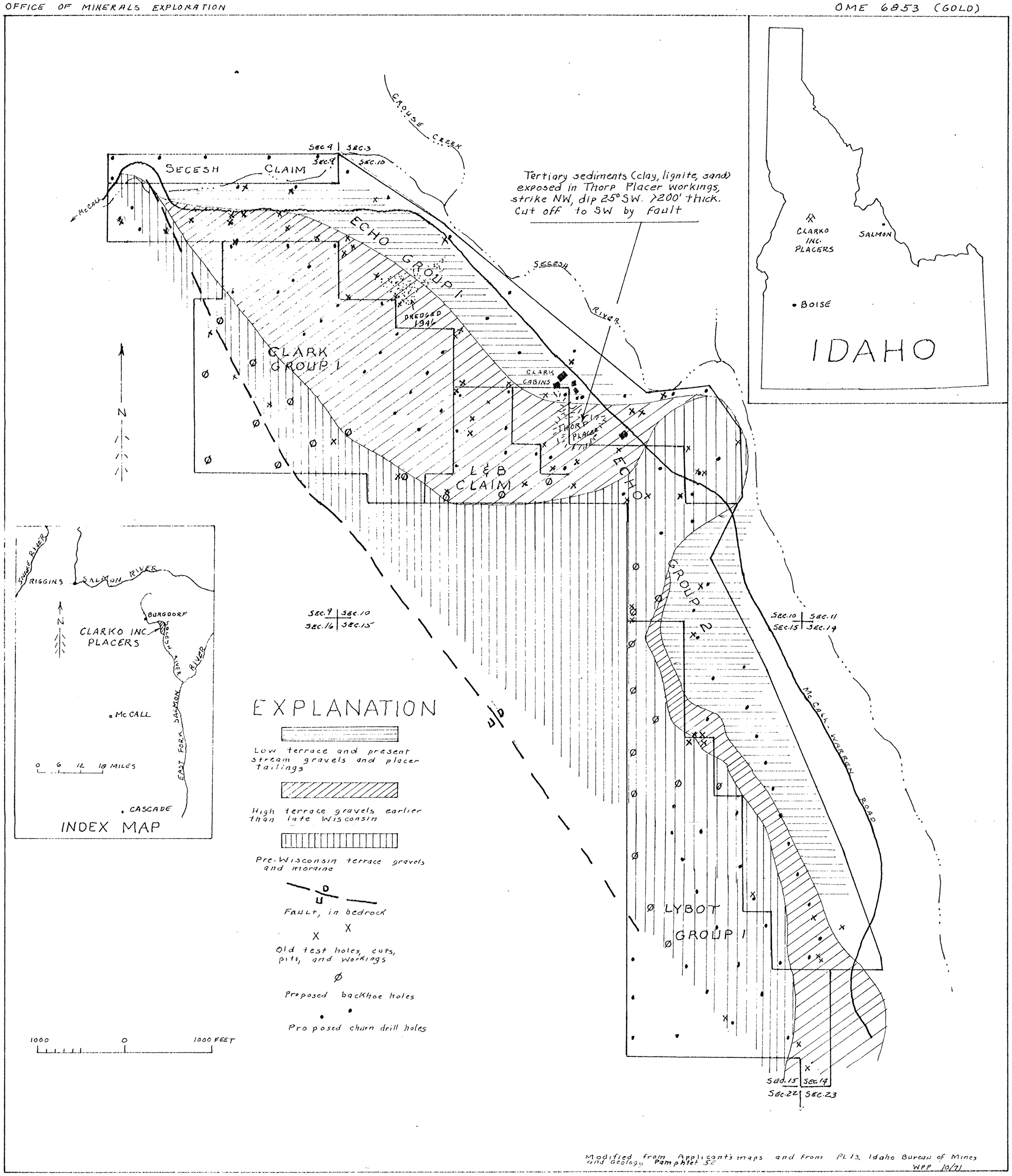
Sincerely yours,

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy to Region I

U.S. GEOLOGICAL SURVEY
OFFICE OF MINERALS EXPLORATION

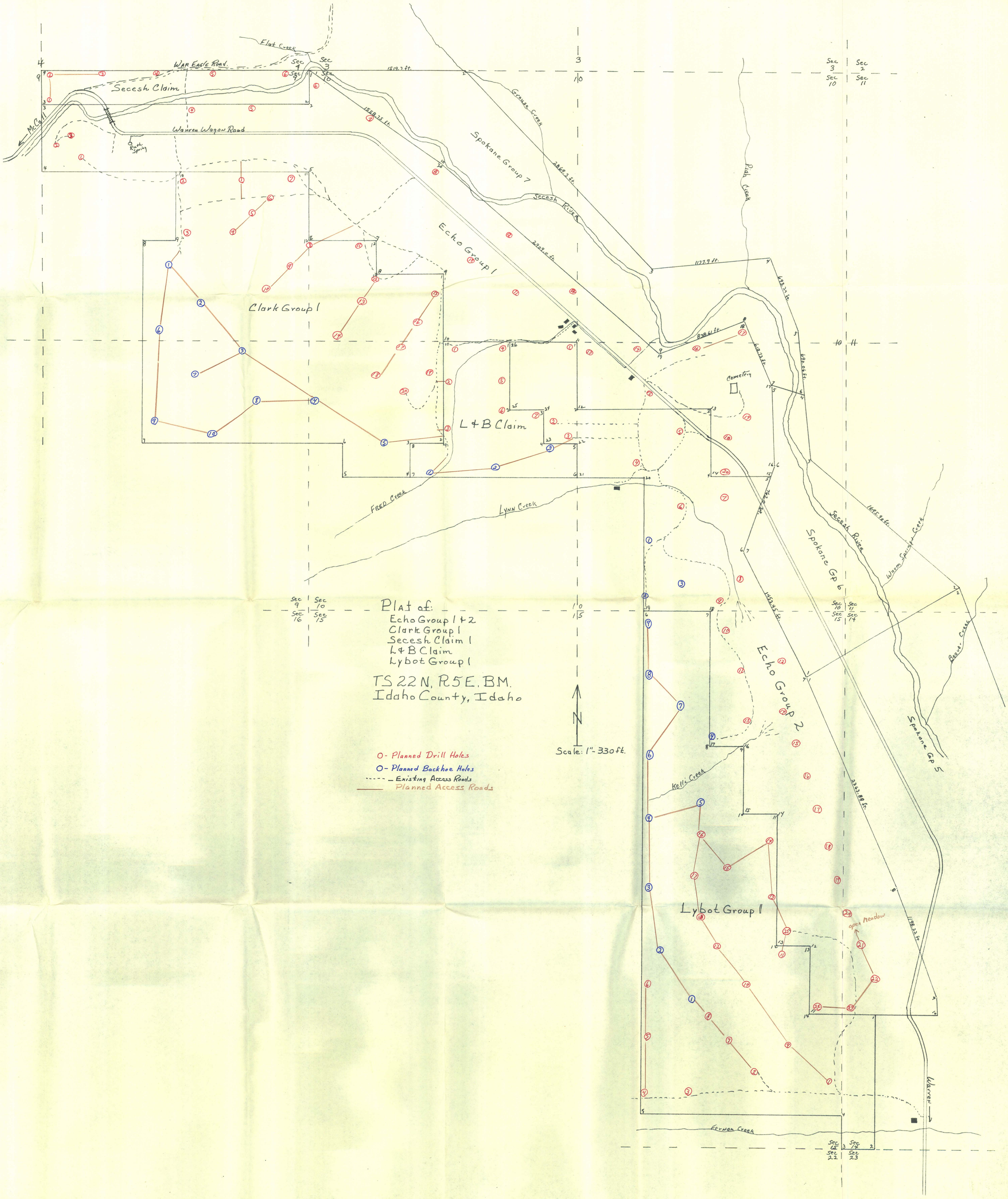
OME 6853 (GOLD)

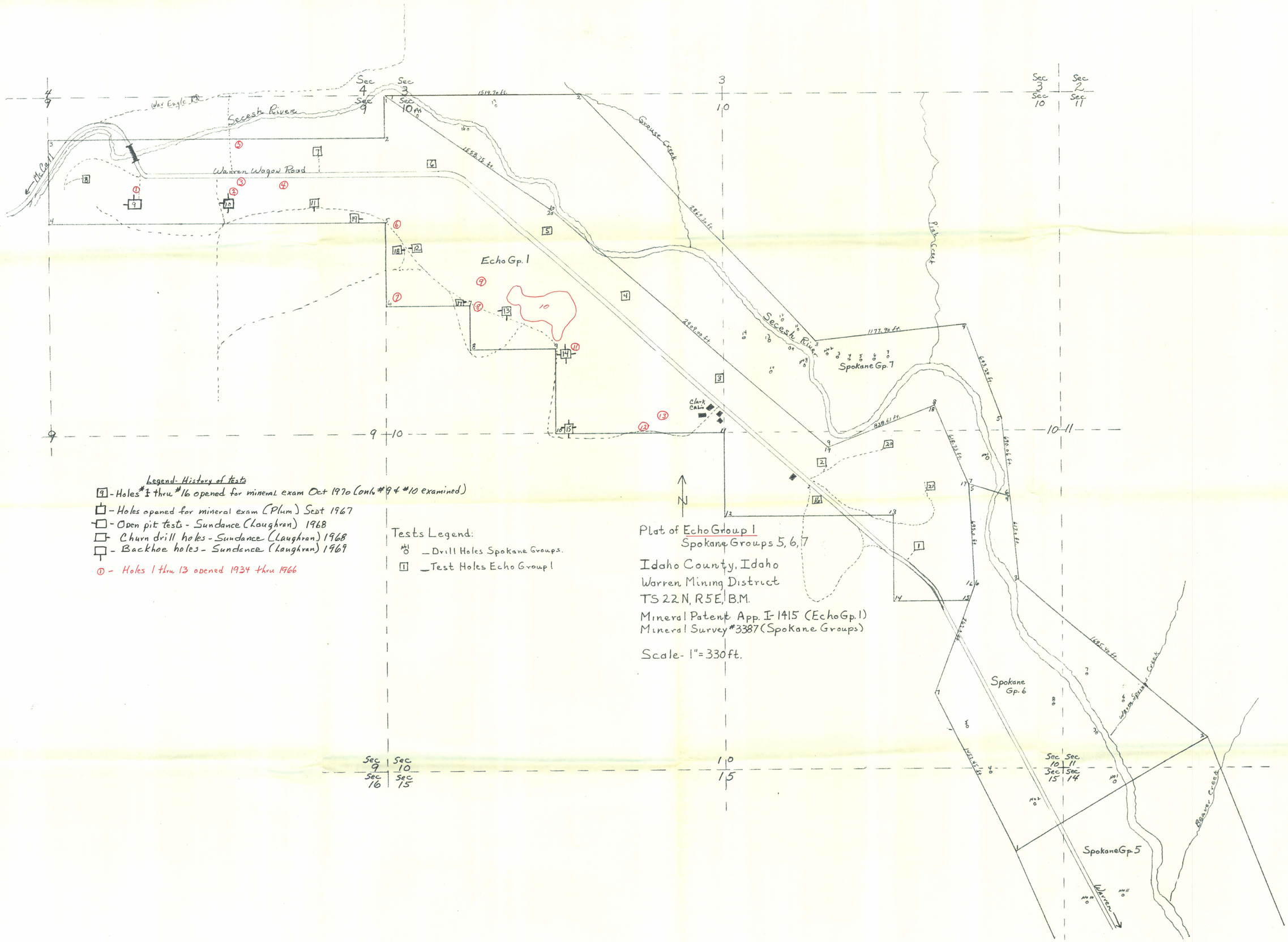


Modified from Applicant's maps and from PL 13, Idaho Bureau of Mines and Geology Pamphlet 56

WPP 10/71

FIGURE 1- PLAN AND INDEX MAPS- CLARKO INC. PLACERS, SEC.S. 9, 10, 14 & 15, T. 22 N., R. 5 E., B.M., IDAHO COUNTY, IDAHO


Plat of:
Echo Group 1 & 2
Clark Group 1
Secesh Claim 1
L & B Claim
Lybot Group 1
TS 22 N, R 5 E. B.M.
Idaho County, Idaho
N
Scale: 1" - 330 ft.
O - Planned Drill Holes
O - Planned Backhoe Holes
Existing Access Roads
Planned Access Roads
Secesh Claim
Clark Group 1
L & B Claim
Echo Group 1
Spokane Group 7
Echo Group 2
Lybot Group 1
Spokane Gp 6
Spokane Gp 5
War Eagle Road
Warren Wagon Road
McCall
Flat Creek
Grouse Creek
Secesh River
Fish Creek
Warm Spring Creek
Fred Creek
Lynn Creek
Kelly Creek
Cemetery
open meadow
Sec 3
Sec 10
Sec 2
Sec 11
Sec 9
Sec 16
Sec 10
Sec 15
Sec 10
Sec 15
Sec 11
Sec 14
Sec 22
Sec 23



Legend- History of tests

- 9 - Holes #1 thru #16 opened for mineral exam Oct 1970 (only #9 & #10 examined)
- Holes opened for mineral exam (Plum) Sept 1967
- Open pit tests - Sundance (Laughran) 1968
- Churn drill holes - Sundance (Laughran) 1968
- Backhoe holes - Sundance (Laughran) 1969
- ① - Holes 1 thru 13 opened 1934 thru 1966

Tests Legend:

- #1 - Drill Holes Spokane Groups.
- 1 - Test Holes Echo Group 1

Plat of Echo Group 1
Spokane Groups 5, 6, 7

Idaho County, Idaho
Warren Mining District
TS 22 N, R 5 E, B.M.
Mineral Patent App. I-1415 (Echo Gp. 1)
Mineral Survey #3387 (Spokane Groups)

Scale- 1" = 330 ft.