DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4670

Application (Denied
(Withdrawn
(After disposition, delete items not applicable)

Contract (Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
Application and attachments
(3) Envelope for maps

Right Side

Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order) Interim Summary Reports by W. O. Engineers

Right Side

Operator's Semi-Annual Report for Certified Project, Field Team Interim Reports, Operator's Monthly Report with transmittal, narrative, maps, and Field Team review.

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

FORM 12 5M 7-56 M-7050 K. P. S.

INTERNATIONAL SMELTING & REFINING COMPANY

MIAMI PLANT

ASSAY CERTIFICATE

Refer to:
DOCKET No. DMEA-4670

Name LONG ISLAND ENTERPRISES LTD.
MINE

Class ..... Lot ..... Date 4-27-1956 19

Smelter Lot	Per Ton of 2000 Lbs. Oz. Silver	Per Ton of 2000 Lbs. Oz. Gold	Per Cent Copper	Per Cent Insoluble	Per Cent SiO_2	Per Cent Al_2O_3	Per Cent Fe	Per Cent CaO	Per Cent S	Per Cent Zinc
A	Tr	Tr	4.55							
B	0.08	Tr	0.03							Nil
C	0.66	Tr	8.63							
D	0.10	Tr	3.59							
E		Tr								

C. H. Smith

Chief Chemist

FORM 12 5M 7-56 M-7050 K. P. S.

INTERNATIONAL SMELTING & REFINING COMPANY

MIAMI PLANT

ASSAY CERTIFICATE

Name LONG ISLAND ENTERPRISES LTD
MINE

Class..... Lot..... Date 4-26-56 19

Smelter Lot	Per Ton of 2000 Lbs. Oz. Silver	Per Ton of 2000 Lbs. Oz. Gold	Per Cent Copper	Per Cent Insoluble	Per Cent SiO_2	Per Cent Al_2O_3	Per Cent ~~Fe~~ Mo	Per Cent CaO	Per Cent ~~S~~ Mn	Per Cent Zinc
1	0.62	0.003	12.89							
2	Tr	Tr	10.00							
3	Tr	Tr	8.32							1.0
4	Tr	Tr	1.70							0.3
5	Tr	Tr	0.78				Nil		1.5	0.45
6	Tr	Tr	0.09							0.2

C. F. Smith

Chief Chemist

FORM 12 5M 7-56 M-7050 K. P. S.

INTERNATIONAL SMELTING & REFINING COMPANY

MIAMI PLANT

ASSAY CERTIFICATE

Name LONG ISLAND ENTERPRISES LTD. 4-26-56
MINE

Class..... Lot..... Date ~~XXXXXXXX~~ 19.....

Smelter Lot	Per Ton of 2000 Lbs. Oz. Silver	Per Ton of 2000 Lbs. Oz. Gold	Per Cent Copper	Per Cent Insoluble	Per Cent Si O_2	Per Cent Al_2 O_3	Per Cent Fe	Per Cent CaO	Per Cent S ~~Mn~~	Per Cent ~~Zinc~~
7	Tr	Tr	14.37							1.2
8	0.70	0.003	1.74						7.3	0.4
9	Tr	Tr	2.50							0.15
10	Tr	0.003	0.06							0.10
11	0.08	Tr	3.41							
12	Tr	Tr	14.67							

C. F. Smith

Chief Chemist

FORM 12 5M 7-56 M-7 K. P. S.

INTERNATIONAL SMELTING & REFINING COMPANY

MIAMI PLANT

ASSAY CERTIFICATE

Name LONG ISLAND ENTERPRISES LTD
MINE

Class ..... Lot ..... Date 4-26-1956 19

Smelter Lot	Per Ton of 2000 Lbs. Oz. Silver	Per Ton of 2000 Lbs. Oz. Gold	Per Cent Copper	Per Cent Insoluble	Per Cent SiO_2	Per Cent Al_2O_3	Per Cent Fe	Per Cent CaO	Per Cent S	Per Cent
13					12.6					
14	Tr	Tr	4.89							
15	Tr	Tr	36.18							
16	Tr	Tr	Nil							
17	0.18	Tr	8.73							

C. F. Smith

Chief Chemist

Refer to: DMEA letter dated, 22 March, 1957

Docket No. DMEA-4670
L.I. Enterprises, Ltd.
Gila County, Arizona

Total money to be expended on the Project. Said costs and Project expenditures are based on twelve (12) months of operations.

Item (A)	Amount
Geological Consultant	$ 2,000.00
Analytical work	350.00
Accounting costs @$100.00 per month	1.200.00
Liability Insurance @$500.00 per 6mos	1,000.00
Payroll taxes	600.00
Supervision salaries @$440.00 per month	5,280.00
	$10,430.00
Allowance of 10% above cost for contingencies	1,043.00
Total	$11,473.00

Item (B)	Amount
Repair to existing roads	$ 144.00
Clearance of drill sites, etc.	243.00
	$ 387.00
Allowance of 10% above cost for contingencies	38.70
Total	$ 425.70

Item (C)	Amount
5,000 feet of BX drilling @$7.00 per foot	$35,000.00
Cement, ream and case approximately 2,500 feet of drill hole @$4.00 per foot	10,000.00
	$45,000.00
Allowance of 10% above cost for contingencies	4,500.00
Total	$49,500.00

Item (D)	Amount
Total cost expenditure for Project	$61,398.70

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L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to: DMEA letter dated,
22 March, 1957

Docket No. DMEA-4670
L.I. Enterprises, Ltd.
Gila County, Arizona

Repair to existing roads:

1.- It is proposed to repair and regrade approximately three (3) miles of the main access road leading to the property. The repair phase to include the filling in of the road surface that has been washed out rain waters, removal of rock debris, construction and installation of two (2) culverts for water disposal and the widening of two (2) sharp curves.

Cost of the above work $144.00

Clearance of drill-sites, camp/storage area & drill-site roads:

2.- It is proposed to construct access roads on the property leading to the areas selected as drill-site locations, which in all constitute a total of five (5) drill-sites. Total mileage of such access roads is approximately two (2) miles, over varied terrain and surface cover. An area, centrally located to the drill-sites will be cleared and utilized as a combined camp/storage area.

Cost of the above work $243.00

Note:

See attached Cost Estimate plus Item (B) of Page No. 1, for complete cost factors relative to 1.- and 2.- above.

Refer to: DMEA letter dated,
22 March, 1957

Docket No. DMEA-4670
L.I. Enterprises, Ltd.
Gila County, Arizona

Diamond Core Drilling:

1.- It is desired to diamond core drill five (5) vertical drill holes down on the mineralized zone.

In our application, LIST No. 7, Proposed Work, it will be noted therein that our original proposals advocated the drilling of three (3) vertical holes to a depth of 1,200 feet each and two (2) inclined 22° holes to a depth of 1,000 feet each.

On the basis of a recent examination of the property to verify information obtained relative to operations conducted thereon, prior to the applicant's acquisition of said property, it is now proposed to drill all five (5) holes to a depth of 1,000 feet each. Those holes that were scheduled to be inclined, will now be vertical.

All five (5) vertical drill holes will be drilled to a depth of 1,000 feet each, total depth of the combined holes drilled will be 2,500 feet.

Drilling Costs:

2.-	Cost per 1,000 feet @$7.00 per foot.....	$ 7,000.00
	Cost of 5 holes, each 1,000 feet.....	35,000.00
	Cost of cementing, reaming and casing approx. 2,500 feet of hole @$4.00 per foot.....	10,000.00

Note:

See attached Drilling Estimates plus Item (C) of Page No. 1, for complete cost factors relative to 1.- and 2.- above.

Refer to:
Docket No. DMEA-4670
Gila County, Arizona

Safford, Arizona
April 8, 1957

Mr. William J. Grabowski
Long Island Enterprises, Ltd.
Box 2212
Globe, Arizona

Dear Sir:

We understand you wish to diamond drill two angle holes to a depth of about 1000', and three vertical holes to a depth of about 1200' each on your property in the Pinal Mountains South of Miami, Arizona. We further understand you will have a representative on the job to take care of the cores, sludges, and to help the drill crew on moving from hole to hole. We will expect your Company to maintain a road to the property which will be accessable by dual wheel truck for the purpose of hauling water, driving to work, and hauling drill supplies and gasoline to the job.

At your request in reference to D.M.E.A. Docket No. 4670, we propose to furnish the drill rig, rods, casing, drill labor, diamond bits and core barrels, supply pump, circulating pump, hoses and all drill accessories at the following prices:

Collarpipe or Overburden	0'	to	25'	at	$7.00 per foot
NX (2 1/2" core)	0'	to	250'	at	7.75
BX (1 5/8" core)	0'	to	500'	at	7.45
AX (1 1/8" core)	0'	to	500'	at	6.85
BX	500'	to	750'	at	8.05
BX	750'	to	1000'	at	8.75
AX	500'	to	750'	at	7.55
AX	750'	to	1000'	at	8.25
AX	1000'	to	1250'	at	9.15

Depending upon what we will have available to haul water, we will expect to receive $7.00 per shift and $0.10 per mile for a pickup or $10.00 per day and $0.15 per mile for a 1½ Ton truck.

In the event loose or caving ground or water courses are encountered which require the use of cement or casing, a charge will be made for furnishing, placing and redrilling the cemented portion of the hole for reaming and seating casing, as follows:

Drill Cement	0'	to	500'	at	$3.25 per foot
	500'	to	1000'	at	4.25
Ream Casing	0'	to	500'	at	3.00 per foot
	500'	to	1000'	at	4.00

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L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to:
Docket No. DMEA-4670
Gila County, Arizona

Letter: April 8, 1957
Mr. William J. Grabowski
Long Island Enterprises, Ltd.
Box 2212
Globe, Arizona

In case of delay time for the convenience of your Company, and not due to fault of Contractor or break down of Contractor's equipment, we will expect to receive $8.00 per hour while the crew remains on shift. Standby time made at your request will be charged at the rate of $30.00 per shift.

Our employees will be covered by Industrial Insurance and the Contract will be covered by Liability Insurance in the amount of $100,000/$300,000, and Property Damage in the amount of $100,000.

Thanking you for the privilege of submitting our Proposal, we are

Very truly yours,

R. S. McClintock Company

By: J. A. Greenwood
J. A. Greenwood

cc: Mr. Philip H. Irwin, Pres.
Spokane, Wn.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Richard Smith
Box 1022
Miami, Arizona

April 6, 1957

Mr. William A. Grabowski
Long Island Enterprises, Ltd.
P.O. Box 2212
Globe, Arizona

Re: Docket No. DMEA-4670

Mr. William A. Grabowski:

Relative to your request of April 5, 1957, requesting a cost estimate of bulldozer operations on the Rising-Sun Claims situated in Gila County, Arizona, the following is submitted for your information and consideration:

Type and Size of Equipment to be used:

1, International TD-6 Tractor with a 5/8 cubic yard bucket and/or a 6 foot blade, as conditions require.

1, GMC 2½ ton flat body truck to transport the above tractor.

Cost per Hour of Bulldozer Operations:

$9.00 per hour.

Work to be done, Time to complete and Cost:

Repair to existing roads.....16 hours.....$144.00
Clearance of drill site areas and construction of access roads to the drill site areas.....24 hours.....$243.00

Total operating time.....40 hours
Total operating cost.....$387.00

General:

Workmen and Liability Insurance is carried to cover all work operations being conducted.

I am prepared to commence operations within 15 days notice and will furnish all the necessary men and equipment required for the proposed work as stated above.

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DATE | CODE

Sincerely yours,

Richard Smith
Richard Smith

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

2 March, 1957

Subject: Application for Aid in an Exploration Project, pursuant to DMEA Order 1, under The Defense Production Act of 1950, as ammended.

To: Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D.C.

Gentlemen:

Attached herewith are copies of Applications for Aid in an Exploration Project submitted by the applicant, Long Island Enterprises, Ltd., for your consideration and evaluation.

Yours very truly,

William A. Grabowski
William A. Grabowski

Encl. (4)

DMEA, MF-103

wg.

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DATE	INITIALS	CODE

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4670
Metal or Mineral Copper-Manganese
Date Received 3-6-57
Estimated Cost $4,730.00
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Long Island Enterprises, Ltd., P.O. Box 2212, Globe, Arizona. A corporation incorporated in the State of New York.
Note: See LIST No. 1 for titles, names and addresses of officers.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Township 1S, Range 14 & 15E, located in the Globe-Miami Mining District, Gila County, Arizona.

(*b*) State any mine name by which the property is known. The Rising-Sun & Enterprise Claims.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners by right of discovery and valid Lode Mining Claim locations.

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property. Not applicable.

(*e*) If you own the land, describe any liens or encumbrances on it None.

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See LIST No. 2

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See LIST No. 3

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Not applicable.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See LIST No. 4

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See LIST No. 5

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See LIST No. 6

RECEIVED MAR 6 1957 D.M.E.A.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Copper, Manganese, Tungsten

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See LIST No. 7

(*c*) The work will start within 30 days and be completed within 12 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See LIST No. 8

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See LIST No. 9

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants. See LIST No. 10

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel. Contracted, not applicable.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be. Contracted, not applicable.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. Not applicable.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. Not applicable.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See LIST No. 11

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above. See LIST No. 12

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? Yes.

(*b*) How do you propose to furnish your share of the costs?

[*] Money [ ] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper. See LIST No. 13

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.

Dated March 2, 1957

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona
(Applicant)

By William A. Grabowski

William A. Grabowski

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

L. I. ENTERPRISES, LTD
Box 2212 Globe, Arizona

Refer to No. 1. (c) LIST No. 1

Title	Name	Address
Chairman of the Board	Anthony Mastrionni	28 Yoakm Street Farmingdale, L.I.,N.Y.
President	Benjamin J. Milella	447-35th Street Lindenhurst, L.I.,N.Y.
Executive Vice-Pres.	James Mastrionni	141 Grange Street Franklyn Sq. L.I.,N.Y.
Treasurer	Vincenzo Simoni	141 Grange Street Franklyn Sq. L.I.,N.Y.
Secretary-Legal Counsel	Vincent J. Passalaqua	99 Thompson Ave. Babylon, L.I.,N.Y.
V.P. Field Operations	William A. Grabowski	Box 2212 Globe, Arizona
V.P. Public Relations	George E. Cuty	1235-6th Street West Babylon,L.I.,N.Y.
V.P. Employee Relations	Gilbert Knight	104-19 131st Street Richmond Hill,L.I.N.Y.
V.P. New Business	Harold Dick	328-50th Street Lindenhurst, L.I.,N.Y.
V.P. Purchasing	Alfonso Mastrionni	20-95 Franklin Ave. East Meadow, L.I.,N.Y.
V.P. Maintenance	Erich Marks	80-44 242sd Street Bellrose, L.I., N.Y.
V.P. Legal Counsel	George F. Senner, Jr.	Box 612 Globe, Arizona

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 3. (f) LIST No. 2

Claim Name	Book No.	Page No.
Rising Sun # 1	49	366
Rising Sun # 2	49	367
Rising Sun # 3	49	367
Rising Sun Extension	49	367
Rising Sun # 2 Extension	49	385
Rising Sun # 5 Extension	49	386
Rising Sun # 6	49	478
Enterprise # 1	52	452
Enterprise # 2	52	453
Enterprise # 3	52	454
Enterprise # 4	52	455
Enterprise # 5	52	456
Enterprise # 6	52	457
Enterprise # 7	52	458
Enterprise # 8	52	459
Enterprise # 9	52	460
Enterprise # 10	52	461
Enterprise # 11	52	462
Enterprise # 12	52	463
Enterprise # 13	52	464
Enterprise # 14	52	465
Enterprise # 15	52	466
Enterprise # 16	52	467
Enterprise # 17	52	468
Enterprise # 18	52	469
Enterprise # 19	52	470
Enterprise # 20	52	471
Enterprise # 21	53	146
Enterprise # 22	53	147
Enterprise # 23	53	148
Enterprise # 24	53	149
Enterprise # 25	53	150

Note:

The above-named and numbered claims are filed and recorded in the Official Records of The Office of The Recorder, County Courthouse, Gila County, Arizona.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 4. (a) LIST No. 3

These properties had originally been prospected for gold and silver about 40 some odd years ago, copper mineralization was not exploited at that time undoubtedly because of the then low price for copper. These properties had been under lease by a prior locator, the lessee having removed considerable overburden to expose deposits of azurite and chrysocolla nodules which he them high-graded and exploited by selling said nodules as gem material on the open market.

To the best of my knowledge, nothing has ever been seriously accomplished towards commercial development of the mineral potential that is existent on these properties.

There are three (3) short adits of approximately ten (10) foot each in length that show mineralization along with four (4) glory holes that are in most part caved and/or filled with surface debris. A shaft is reported to have been sunk to a depth of approximately one hundred (100) feet to further exploit the nodule deposits but this shaft now is also caved and filled with debris. The remains of an old drift and ore dump platform are still visible, the drift direction being directed into the fault zone.

The entire area of mineralization is readily accessible to travel by foot for examination purposes.

A core-drill test hole was put down on the edge of the fault zone during July, 1956 for sample purposes of underground strata while cross samples of surface strata were being obtained for assay purposes.

No interest in work accomplished previous to the relocation of these claims have been held by this organization.

No work is being carried out on these properties at present and no facilities exist at present for production on the properties.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 4. (c) LIST No. 4

The most prominent geological structual feature evident on the properties is a granite-porphyry dike of considerable width and of as yet undetermined length and depth, this dike being from a dead looking yellow to a deep reddish brown in coloration. Iron gossans along with leached portions of copper outcrops exist along this dike which in the process of being formed caused a fault of ~~of~~ good size and strength to come into existence.

Overburden along a portion of this dike and fault zone consists of a tallowy clay, one area having the clay colored red by limonite while another areas clay is a bleached dead looking yellowish white. Large portions of these clay deposits contain copper mineralization in the form of nodules or balls of azurite and chrysocolla and at times both these minerals are found in combination in one nodule. Manganese is present along with the nodules and can also be found as small seams in the clay and mineralized area adjacent to the fault zone, though at times the manganese is found in separate nodules and thin beds of it's own.

The general nature of the capping and fault zone is permeable and weathered to a large degree and shows structual features suggestive of former sulphide deposits having been in existence. A test core-drill hole put down at the edge of the fault zone revealed chalcopyrite mineralization in varying degree to a depth of 191 feet.

Assay reports reveal that the tenor of ore made by cross sampling the fault zone to run from .08% to 36.00% copper content with small values in gold and silver. No tests have been run to determine content and values of manganese although visible observations indicate that it would be worthwhile to concentrate if sufficient quantity is available.

Small values of zinc have also been indicated by assay tests run.

A large stock of Solitutide granite has been upthrust between the aforementioned fault zone and the nearby shist which forms the main range of the Pinal Range a short distance to the south of these properties. This granite stock has been cut by numerous veins of quartz that traverse the upper portions of the granite in all directions. It has good indications of possible tungsten mineralization due to the presence of sericitization within the granite and float found nearby is of the type common to tungsten bearing areas. A short distance to the south of this area tungsten has been mined and currently exploratory work is being conducted by other groups for tungsten deposits.

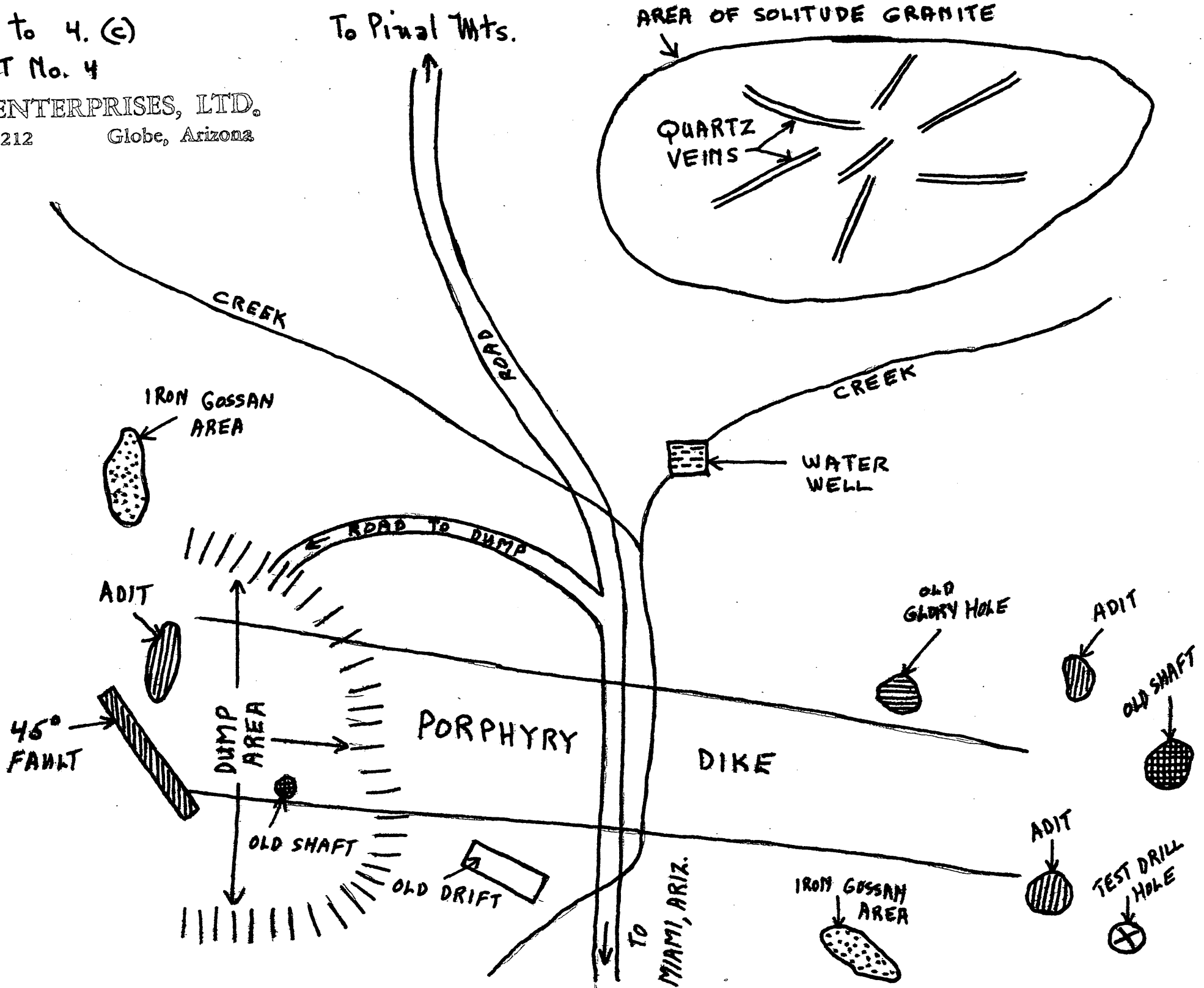
It is our intention and desire to further explore this region with the viewpoint of determining the economic possibilities of commercial production of copper, manganese and tungsten ore. Aspects of said production to be evaluated and decided upon with the final results of the exploratory stage as the determining factor.

Generally speaking the area as a whole is indicative of a zone of mineralization of the discemenated type.

Note: See attached sketch.

REFER to 4. (c)
LIST No. 4

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona



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Refer to No. 4. (d) LIST No. 5

Access Roads

Upon leaving U.S. Route # 60-70 in Miami, Arizona, travel to the properties continues upon an asphalt paved 2-lane road for approximately 1/2 mile whereupon the road surface changes to hard packed dirt and gravel. This section of road is graded and maintained by the County Highway Department. Travel continues on this graded portion of road for approximately 1½ miles whence it is left to be continued for a distance of 4 miles over a single lane dirt access road of from fair to good condition until the properties are reached wherein said access road terminates. With the installation of approximately four (4) culverts, this road may be considered as an all year open to travel access road.

Distance to Shipping Points

Miami Copper Co. Smelter, Miami, Arizona	6	miles
Southern Pacific Railroad, Miami, Arizona	7	"
Inspiration Copper Co. Smelter, Miami, Arizona	7	"
Southern Pacific Railroad, Globe, Arizona	12	"
Magma Copper Co. Smelter, Superior, Arizona	29	"
American Smelting & Refining Co., Hayden, Arizona	69	"
San Manuel Copper Co., San Manuel, Arizona	77	"
Goverment Buying Station, Wenden, Arizona	180	"
Goverment Buying Station, Deming, New Mexico	228	"

Distance to Supply Points

Miami, Arizona	6	miles
Globe, Arizona	12	"
Phoenix, Arizona	88	"
El Paso, Texas	335	"
Los Angeles, California	495	"
Denver, Colorado	746	"

Distance to Residence Points

Miami, Arizona	6	miles
Claypool, Arizona	8	"
Central Heights, Arizona	9½	"
Globe, Arizona	12	"
Midland City, Arizona	12	"
Apache Indian Reservation, San Carlos, Arizona	31	"

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Refer to No. 4. (e) LIST No. 6

Availability of Manpower

Sufficient skilled and semi-skilled labor is available locally to meet contemplated and/or proposed exploratory and production needs.

Supplies, Materials and Equipment

Supplies and material may be obtained from Miami or Globe, Arizona, at which points all small supplies and those most common to daily field use and operating needs are available. Items of heavy mining and exploratory equipment are obtainable in Phoenix, Arizona, or at Supply Points as noted in attached LIST No. 5. Daily trucking service is maintained between these supply points and the Globe-Miami area. This area is also served with rail service by the Southern Pacific Railroad.

Supplies needed that would require urgent or emergency status due to unforseen contingencies could be shipped Air Freight via Sky Harbor Air Terminal, Phoenix, Arizona, and rerouted by vehicle to destination at Miami, Arizona.

Water

An ample water supply is available on the properties during the winter and spring seasons of the year by virtue of a creek that crosses the property. A water well in existence maintains sufficient water level throughout the year providing the seasonal rains fall. However, an ample water supply for all domestic and mining needs can be developed within a reasonable economic distance from the property.

Power

Electrical power is available within a reasonable economic distance from the properties to supply sufficient power needs for large scale operations. Initially, any power needs for exploratory and related small scale operations can be supplied in sufficient quantity via use of a gasoline or diesel powered electric generator at economically reasonable cost.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 5. (b) LIST No. 7

Proposed Work

It is proposed that the initial phases of exploratory work consist of the following steps of procedure:

1.- A complete and thorough examination of the properties be made by a qualified and recognized geologist and a mineralogist.

2.- Complete and exhaustive cross samples of visible mineralization be obtained along with samples of adjacent host rock structure, such samples to be processed at the assay office of the International Smelting & Refining Co., located in Miami, Arizona. Such samples as may be indicative of containing ore other than Cu, Mn and Wo, be forwarded to the Bureau of Mines at Tuscon, Arizona, and subjected to spectographic analysis for content of mineral matter.

3.- Upon completion and receipt of results of items 1.- and 2.- above, said results will be evaluated in respect to formulations of decisions as to spotting and placement of proposed core drill hole locations.

4.- Tenatively, it is proposed to drill at least two (2) holes to an approximate depth of 1000 feet each north of the fault zone so as to intercept the ore zone at depth. These holes will be drilled at an approximate angle of 22 degrees each to the angle of the fault. Core and sludge samples recovered will be assayed and evaluated as in 2.- above.

5.- It is also proposed that three (3) vertical drill holes be sent down directly on the visible ore vein to an approximate depth of 1200feet each. Core and sludge samples recovered will be assayed and evaluated as in 2.- above.

Note: See attached sketch for proposed drill hole locations.

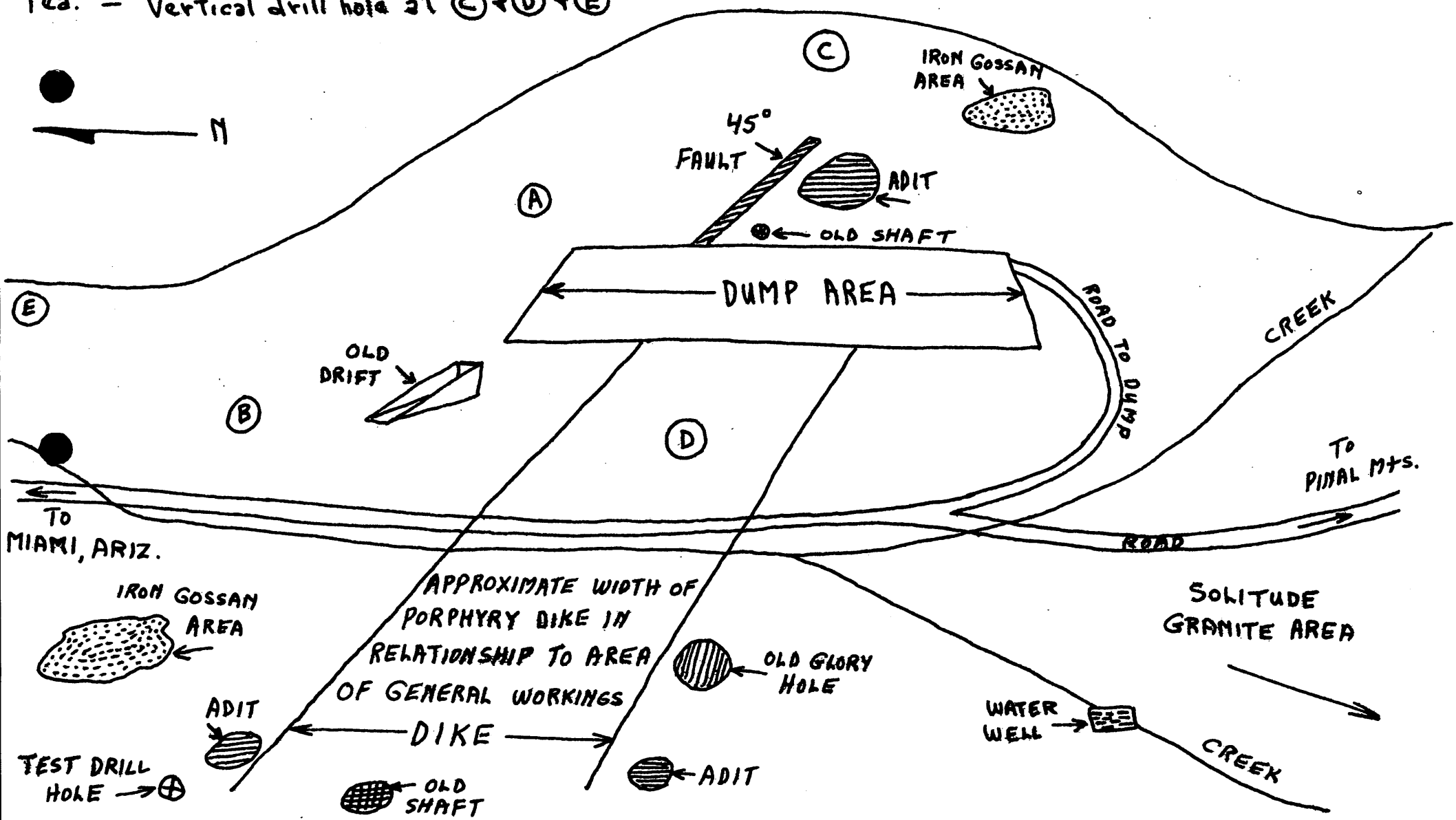
Refer to 5. (B)
LIST No. 7

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Proposed Core Drill hole locations:

1 ea. — 22° core drill hole at (A) + (B)

1 ea. — Vertical drill hole at (C) + (D) + (E)



L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 5 (d) LIST No. 8

Operating experience of Applicant

The applicant itself, Long Island Enterprises, Ltd., conducts all it's field operations thru it's representive in the field and has delegated said representive, William A. Grabowski, to conduct all such operations in a manner consistent with recognized and accepted procedure and standards relative to exploratory work and the initial phases of mining operations. The applicant's background and experience deals with and in the field of construction, earth moving and road building.

Supervisory Personnel

The applicant's representive has approximately four years of study in the subject of General Geology and has been in thee field preforming exploratory and mining operations for the past 1 1/4 years.

Such operations have included all phases of prepatory and initial exploratory work i.e., claim locations, assignment of engineer surveys, assay reports, generalized geological reports, contractual arrangements, exploratory core drilling, business and personnel management.

Those portions of proposed work that will be contracted out to a private contractor, will be preformed under the joint supervision of the applicant's representive and the contractor.

LIST No. 9

Refer to No. 6 (a)

W. K. F. CONTRACTING CO., INC.
Phone MA 4-6041
1664 W. Prince Rd. Tucson, Ariz.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

William A. Grabowski,
L. I. Enterprises, Ltd.,
P. O. Box 2212,
Globe, Arizona.

Re: Estimate for Exploratory operations. D.M.E.A.

Dear Mr. Grabowski:

In reference to your letter of February 4th requesting an estimated contract cost of operations for the Rising Sun claims, Gila County, Globe, Arizona, we are submitting the following:

A. Drilling 5 core drill holes, approximately 5,600 feet.
Vertical Holes
From 0 feet to 500 feet at 7.00 per foot.
From 500 feet to 600 feet at 8.00 per foot.
Each additional 100 feet at an additional 1.00 per foot.
Angle holes
Figured at cost plus 10% or 12.00 per ~~hour~~ hour whichever method is better suitable to operations.

B. Bulldozer Costs on road construction.
Time moving in.
Bulldozer rental at 12.00 per hour, plus Operator's wages and taxes.

C. Estimate per foot of drifting and shafting.
Approximately 35.00 per foot depending on rock formation and length of tunnel or crosscut. Timbering extra.
Shafting depends on single or double compartment or more, also depth, from 80.00 to 150.00 per foot plus timbering.

D. We can commence operations within 15 days and furnish all necessary equipment and men.

E. Angle holes at depth requested may have to be figured at cost plus 10%. It is difficult to say if we could drill 1,000 feet crosscut holes with an estimated footage cost without getting too high on footage estimate.

We are prepared to do this type of work and have the facilities to start it within a 15 day notice.

Our billing dates are every 15 days payable every 5th and 20th of each month.

Sincerely yours,

J. W. Wingfield

J. W. Wingfield.

JWW:jt

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 6. (b) LIST No. 10

Labor:

All labor required during the exploratory core-drilling phases of the project will be supplied by the contractor.

Supervision:

The project will be supervised by William A. Grabowski of Long Island Enterprises, Ltd., in conjunction with the Contractor and Geological Consultant.

Geological Consultant:

It is proposed that the services of a qualified and recognized geologist be secured to participate in an advisory capacity to the conduct of the project in addition to carrying out the geological examinations as proposed in LIST No. 7, item No. 5. (b) of this application.

Mineralogist:

It is proposed that the services of a qualified and recognized mineralogist be secured to participate in the sampling, assaying and evaluation of mineral potential of these properties in addition to carrying out such examinations as proposed in LIST No. 7, item No. 5. (b) of this application.

Consultant Cost Estimate:

Geologist fee	$2,000.00
Mineralogist fee	700.00
Estimated Total	$2,700.00

Refer to No. 6. (g) LIST No. 11

Miscellaneous:

Analytical work	$ 350.00
Accounting work, per month	150.00
Employer's liability insurance	500.00
Payroll taxes, 12 months	600.00
Estimated Total	$1,600.00

Refer to No. 6. (h) LIST No. 12

Contingencies:

It is suggested that the total costs and estimates be increased by 10% to allow for any unforseen contingencies that may present themselves.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

Refer to No. 7. (b) LIST No. 13

Applicant's Participation of Costs

The applicant, Long Island Enterprises, Ltd., proposes to furnish it's share of participation costs under Sec. 7, DMEA No. 1, and agrees to furnish such amounts of money to the cost and operations of the proposed project as may be required and/or agreed upon, by and between the Goverment and the applicant.

REPORT	RISING SUN CLAIMS
DISTRICT	MIAMI-GLOBE MINING DISTRICT GILA COUNTY, ARIZONA
TO	L.I. ENTERPRISES, LTD. BOX 2212 GLOBE, ARIZONA
PURPOSE	TO CONVEY THE WRITER'S OPINION REGARDING THE AREA IN QUESTION, AND TO MAKE RECOMMENDATIONS ACCORDINGLY.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

INTRODUCTION

This report will cover in a general description the area in and about the Rising-Sun Claims. Factors involving the deposition of Copper will be noted.

Favorable and unfavorable conditions will be sighted. The conclusion and recommendation will be based on these conditions.

REPORT

LOCATION The Rising-Sun Claims are located about five miles south of Miami, Arizona in the Miami-Globe Mining District, Gila County, Arizona. Their southern boundry is at the base of the sharply rising Pinal Range. The Claims number One to Thirty Two inclusive.

TOPOGRAPHY-CLIMATE-VEGATATION The topography is rugged, gashed by many arroyo. The climate is semi-arid with the usual cactaceous vegetation.

GEOLOGY In general the geology is simple. The basement rock of the area is Pinal Schist. To the north it has been gently but deeply eroded to form Pinal Creek. To the south of the Rising-Sun Claims it has been pushed up as high as seven thousand feet to form the Pinal Range. Beyond Pinal Creek in the distance can be seen overlying beds of the Apache series, composed of conglomerates, shales, limestones and quartzites. Pinal Creek and it's adjacent valley is deeply filled by Gila Conglomerate. Immediately beyond the valley to the north the Gila Conglomerate comes in sharp contact with the Pinal Schist. This contact is the result of the Miami Fault which is considered normal and has a dip of approximately forty five degrees to the southeast. It's strike is in a northeast-southwest direction. To the west and north of the fault outcrops the Schultze Granite. It is this granite that is thought to be responsible for the mineralization of this area. Considerably south of Pinal Creek and crossing the northern end of the Rising-Sun Claims is another large fault; similar to the Miami Fault in that it dips at approximately forty five degrees, although in this case the dip is to the north. The strike of the fault is east and west.

In this same vicinity and covering a large area of the properties is an old granite which intruded into the schist and is probably of Pre-Cambrian age. The Rising-Sun Claims are located to a large extent on this granite outcrop. The age relationship of the exposed formations is as follows:

The first and earliest formation is the Pinal Schist. This formation after millions of years erosion was intruded by magmas of all types. The granite on which the Rising-Sun Claims are located is of this age (Pre-Cambrian). The Apache Series followed. It is made up of great beds of shales, conglomerates, limestones and quartzites. This formation is of Cambrian age. A diabase intrusive was next to follow, it intruded as sills and dikes in the granites and through out the Apache formation. It is of early Mesozoic age. Later the Schultze Granite, of late Mesozoic age found it's way into the region. Gila Conglomerate was the last major formation. It is composed of boulders and rocks of all sizes and description cemented together by a caliche material and forming beds hundreds of feet in thickness. The age of this formation is somewhere in the Middle Cenozoic.

MINERALIZATION As stated before the Schultze Granite is considered the mineralizing magma of the area. Accompanying an intrusive of this size are a number of disturbances, slips and faults along with fractures of various sizes. The cooling and solidification of the mass causes a shrinking within the magma which results in tension cracks; these cracks often extend far out into the surrounding area. Also a process of differenciation takes place so that when solidification has almost been completely effected the remaining material consists, to a great extent, of low temperature minerals.

These minerals are known as the minerals of crystallization, Borine, Florine, Chlorine, Water, etc. are among some of those present. They hold in solution many of the metals of commercial importance and value; Copper is one of them. In the Schultze Granite the condition was no different. When the cooling was effected, tension cracks were formed, the minerals of crystallization carrying their load of copper shot thru the tension cracks and out into the surrounding host rock. In the area of the Rising-Sun Claims the tension cracks terminated before reaching the surface and the pressures behind these injected solutions were so great that the solutions were forced into any fractures available; this resulted in the deposition of a disseminated copper deposit.

GENERAL CONSIDERATION *** QUESTIONS & ANSWERS

There are several major copper producers located in the area surrounding the Rising-Sun Claims. Four lie within a ten mile radius to the north; these are Castle Dome, Inspiration, Miami Copper and Sleeping Beauty. The deposits are of the disseminated type. To the east and west are the Old Dominion and Magma Copper respectively, these two are of the vein type deposits. To the southwest is Ray Consolidated and to the southeast is Christmas Copper. Further to the south is the large property of San Manuel Copper. The last three are of the disseminated type. The Rising-Sun Claims lying in a central position in relation to the large producers has as yet not been prospected by drilling. A trip made to the property by the writer showed that at least that portion visited was mineralized and that mineralization was of the disseminated type. The extent of the mineralized area has not been determined due to the short time spent on the property, nevertheless factors are involved that should receive careful consideration.

First, the property is well situated within the zone of mineralization, second, where visited, the rock exposed is fractured and of a permable nature. Third, mineralization is indicated by the presence of box structure characteristic of the leaching of chalcopyrite. Fourth, the large impervious fault crossing the lower end of the property may be a controlling factor in secondary enrichment.

The questions to be answered now take form. What is the extent of the mineralized area? What percent of copper has been deposited in primary form? What is the depth of secondary enrichment? Is secondary enrichment necessary to form a commercial ore body? Would the fault extending across the lower end of the property act as a retaining wall controlling supergene solutions and allowing secondary precipitation of chalcocite? Were the erosion processes too great and too fast to allow secondary precipitation?

Partial answers to the above questions are as follows:

The extent of the mineralized area can be determined by a thorough examination of the property; only a geologist completely familiar with disseminated deposits should be considered. A good geologist should be able to roughly estimate the percentage of copper originally present in the surface rock. In many cases where disseminated deposits have been worked profitably, secondary enrichment has been the deciding factor, nevertheless this need not be the case. The answer to this question would be found by drilling. It seems logical to beleive that the fault crossing the property would be a controlling factor in secondary enrichment, however, drilling would be the only answer. If a great amount of sulphides are present in the surface area, then erosion surely has kept pace, providing the sulphides are chalcopyrite. Chalcocite being present would indicate that secondary enrichment had occured and

that the process was being repeated; a good indication.

CONCLUSION In view of the great potentiality which may be present in the Rising-Sun Claims, the writer feels that a more thorough and complete examination of the property be made. The questions as stated in the preceeding paragraphs should be completely answered. Information derived at from a complete examination should be sufficient to give a conclusive answer to the question of drilling. The cost of a complete examination should be in the neighborhood of $ 2000.00. Whether the results are favorable or unfavorable, the savings made by this investigation would be great indeed.

Respectfully submitted,

J.L. Liessmann M.E.

DMEA Form 7
(12-56)

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Date	Surname	Code
7/29	[illegible]	500
7/29	Truewell	500
7/31	Martin	130
"	Johnson	110
"	Mittendorf	100
		220
7/31	Lamb	130
7/31	Kiilsgaard	130

JUL 31 1957

Mr. William A. Grabowski
Long Island Enterprises, Ltd.
Post Office Box 2212
Globe, Arizona

Re: Docket No. DMEA-4670 (Copper-Manganese-Tungsten)
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Grabowski:

Your application for aid for an exploration project and other reports available to us in Washington concerning your application have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting a small amount of copper mineralization on your property, indicates to us that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf

Administrator

JWAlt/bjm (7/29/57)
Copy to: Docket
Admr. R. File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region III (2)
Chron.

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(12-56)

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Date	Surname	Code
7/29	J. Alt	500
	Martin	130
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July 29, 1957

Memorandum

To: The Administrator

From: Director, Division of Base Metals

Subject: Denial of application, Docket No. DMEA-4670, Long Island Enterprises, Ltd. (Copper-Manganese-Tungsten), Rising Sun and Enterprise Claims, Gila County, Arizona

The cited application, dated March 2, 1957, was received by this office on March 6. On March 22, the Applicant was requested to submit additional information. Additional information was received on April 15. On May 15, the application was referred to the Field Team for their consideration, a field examination of the property, if warranted, and recommendation.

The Applicant proposed that the Rising Sun Nos. 1 and 2 claims be explored by drilling five 1,000-foot diamond drill holes. Cost of the exploration, including the services of a geological consultant and repairs to existing roads, was estimated at $61,398.70.

The Field Team examined the property on June 4, 1957, and their report was received by this office on July 8, 1958.

The mineralized zone of the Rising Sun Nos. 1 and 2 claims probably was first worked for silver during the early 1900's. Exploratory workings of that period probably were on an 80-foot inclined shaft and a short adit, both of which are now filled with debris. It was next worked by pits and trenches during 1950 and 1954 for the production of a few truck loads of copper oxides. In 1955, the Applicant acquired the property and carried out explorations comprising trenching, sampling and the diamond drilling of a 356-foot vertical hole. No additional ore was produced. At present, the inactive property contains no buildings or equipment of any kind.

The principal geologic structure explored by the above-mentioned workings is a northwesterly trending fault zone, 15 to 20 feet wide, at the contact of granite and schist. Copper mineralization is confined to clayey material of the fault zone where it occurs as local concentrations of small nodules of azurite and chrysocolla, as coatings, and incrustations. A 4-foot sample across the best portion of the zone assayed 0.70 per cent copper. At depth, a lesser

copper content was encountered by the diamond drill hole. Seams and blebs of manganese occur throughout the zone. As to tungsten, there is no evidence that it may be present.

The Field Team states:

"Based on the limited and small occurrences of mineralization along the strike of the shear zone, and its shallow depth and over-all low grade, no significant tonnages of ore could be developed from the deposit. It is therefore recommended that the application be denied."

We concur with the recommendations of the Field Team and commodity members of the USGS and the USBM that the application be denied.

W. R. Griswold

W. R. Griswold

JWAlt/bjm

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Admr. R. File
Chron.

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Date: July 25, 1957

DMA Report No. 4670
DMEA Referral No.
Commodity Tungsten, Manganese, Copper
Name of applicant Long Island Enterprises, Ltd.
Name of property Rising Sun & Enterprise Claims
Location of property Gila County, Arizona
Estimated cost of project

W. S. Martin, Chief, Iron and Ferroalloys Division - DMEA
Through: Chief, Br. of Ferrous Metals and Ferroalloys

R. W. Holliday, Commodity Specialist, Br. of Ferrous Metals and Ferroalloys

Field Team Report of Examination

1. Date of Field Team Report: 6/1957 2. Date received by Bureau: 7/22/57

3. Is the ownership of the property known to reviewer: Yes [ ] No [X]

4. Is the method of mining or processing known to reviewer: Yes [ ] No [X]

5. Is the method of ore or part production: Yes [ ] No [X]

6. Other pertinent factors known to reviewer: Yes [ ] No [X]

7. Is the Field Team report as shown:

8. Factors meriting special consideration:
a. Location [ ]
b. Ownership [ ]
c. Evidence of its mineralization [ ]
d. Geology [ ]
e. Proposed exploration method [ ]
f. Alternate exploration method [ ]
g. Costs [ ]
h. _____ [ ]

9. Action recommended:
a. Obtain information from applicant [ ]
b. Refer to Field Team [ ]
c. Deny [X]
d. Agree with Field Team [X]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with Mr. _____ at _____ AEC office.

10. Remarks: (Use back of page if necessary) I concur with the Field Team recommendation of denial.

R. W. Holliday

R. W. Holliday

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

July 23, 1957

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of Report of Examination, Docket No. DMEA 4670 (copper-manganese-tungsten), Long Island Enterprises, Ltd., Rising Sun and Enterprise Claims, Gila County, Arizona. $61,398.70.

Inspection of the subject property by the field examiners revealed that mineralization in the shear zone is shallow and weak and a sample they had taken of the strongest mineralized area observed assayed only 0.74 percent copper. A review of incomplete logs of a diamond drill hole put down to a depth of 356 feet in 1956 by the applicant showed a total weighted average of 0.24 percent copper to 181 feet and the values below 51 feet averaged about 0.15 percent. Because of this limited and weak mineralization the examiners conclude that a significant tonnage of ore could not be developed from the deposit and recommend denial of the application.

I concur in that recommendation.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U. S. G. S.
F. D. Lamb
F i l e s

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IN REPLY REFER TO:

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Memorandum		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

July 8, 1957
Re: DMEA 4670
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona
Copper - manganese

To: W. R. Griswold, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicant requested assistance in exploring a porphyry dike in Pinal schist, by deep drilling.

The examiners found the dike to be a contact fault zone 15-20 feet wide, between Pinal schist and granite. In a vari-colored clayey material on the footwall side of the fault zone are found scattered nodules of azurite and chrysocolla. Small shipments of sorted material have been made from near surface showings and a shaft reported to be 80 feet deep.

From the average grade of the copper minerals-bearing material and its shallow depth, the examiners conclude no significant tonnage of ore could be developed in the deposit, and recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

June 26, 1957

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7/8	C	220
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Memorandum

To: Secretary to the Operating Committee,

From: DMEA Field Team, Region III

Subject: Docket DMEA 4670 (Copper, Manganese, Tungsten) Long Island Enterprises, Ltd., (Rising Sun and Enterprise Claims) Gila County, Arizona

Enclosed are the original and three copies of the Joint Report of Examination on the subject property by T. M. Romslo, USBM, and W. L. Emerick, USGS.

The field examiners conclude that the probability for making a significant discovery is not sufficiently promising to justify Government participation. Accordingly they recommend that the Applicant's work proposal be denied to which the Field Team concurs.

W. H. King
Executive Officer

Reviewed by
DMEA OPERATING COMMITTEE

7-5-57
(date)

MINERAL DEPOSITS
DMEA
RECEIVED
JUN 24 1957
U.S.
GEOLOGICAL SURVEY
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
JUN 25 1957
REGION III
DENVER, COLORADO

Box 4126 University Station
Tucson, Arizona

June 20, 1957

TRANSMITTED
JUN 26 1957

Memorandum

To: W. L. King, Executive Officer,
DMEA Field Team, Region III

From: T. M. Romslo
W. L. Emerick

Through: E. N. Harshman

Subject: Docket DMEA-4670 (Copper, manganese, tungsten)
Long Island Enterprises, Ltd.,
(Rising Sun and Enterprise Claims)
Gila County, Arizona

Enclosed are the original and 8 copies of a joint field examination report on the above property, recommending denial of the application.

The Bureau of Mines copy of the above docket is also enclosed.

T. M. Romslo, Mining Engineer
U. S. Bureau of Mines

W L Emerick

W. L. Emerick, Geologist
U. S. Geological Survey

TMR:WLE:ms
cc: King (8)
Harshman
Romslo
Emerick

OFFICIAL FILE COPY
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RECEIVED JUL 1 1957
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Reviewed by
DMEA OPERATING COMMITTEE
7-5-57
(date)

FOR UNITED STATES GOVERNMENT USE ONLY

DMEA
DEPARTMENT OF THE INTERIOR
JUN 25 1957
REGION III
DENVER, COLORADO
TRANSMITTED
JUN 26 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA-4670 (Copper-Manganese-Tungsten) Long Island Enterprises, Ltd.

(Rising Sun and Enterprise Claims)

Gila County, Arizona

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W. L. Emerick, Geologist
U. S. Geological Survey

T. M. Romslo, Mining Engineer
U. S. Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
7-5-57
(date)

June 1957

SUMMARY, CONCLUSIONS AND RECOMMENDATION

A portion of the Rising Sun and Enterprise group of claims was examined by the Defense Minerals Exploration Administration in connection with an application by the Long Island Enterprises, Inc. for aid in proposed explorations for copper, manganese and tungsten. The examination, made under docket DMEA-4670, was confined to a mineralized zone on the Rising Sun Nos. 1 and 2 claims that the applicant proposed to explore by diamond drilling five 1000-foot holes at an estimated total cost of $61,398.70.

The mineralized zone of the Rising Sun Nos. 1 and 2 claims probably was first worked for silver during the early 1900's. Exploratory workings of that period probably were an 80-foot inclined shaft and a short adit, both of which are now filled with debris. It was next worked by pits and trenches during 1950 and 1954 for the production of a few truck loads of copper oxides. In 1955 the applicant acquired the property and carried out explorations comprising trenching, sampling and the diamond drilling of a 356-foot vertical hole. No additional ore was produced. At present the inactive property contains no buildings or equipment of any kind.

The principal geologic structure explored by the above mentioned workings is a northwesterly trending fault zone, 15 to 20 feet wide, at the contact of granite and schist. Copper mineralization is confined to clayey material of the fault zone where it occurs as local

concentrations of small nodules of azurite and chrysocolla, as coatings, and incrustations. A 4-foot sample across the best portion of the zone assayed 0.70 percent copper. At depth, a lesser copper content was encountered by the diamond drill hole. Seams and blebs of manganese oxides occur throughout the zone. As to tungsten, there is no evidence that it may be present.

Denial of the requested aid is recommended because conditions for finding significant reserves of copper or manganese are very unfavorable.

DMEA-4670 (COPPER-MANGANESE-TUNGSTEN) LONG ISLAND ENTERPRISES, INC.
(RISING SUN AND ENTERPRISE CLAIMS)
GILA COUNTY, ARIZONA

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INTRODUCTION

The Defense Minerals Exploration Administration received from the Long Island Enterprises, Inc., on March 6, 1957, an application for aid in exploration for copper, manganese and tungsten on the Rising Sun and Enterprise claims in Gila County, Arizona. The application was given docket No. DMEA-4670. It was incomplete and the amount of assistance needed was not clear. Additional information was requested and received before the application was sent to the Field Team Region III for an examination of the property and recommendations.

The applicant proposed that the Rising Sun Nos. 1 and 2 claims be explored by drilling five 1,000-foot diamond drill holes. Cost of the explorations, including the services of a geological consultant and repairs to existing roads, was estimated at $61,398.70.

The property was examined June 4, 1957 by W. L. Emerick, geologist, U. S. Geological Survey, and T. M. Romslo, mining engineer, U. S. Bureau of Mines. They were accompanied by William A. Grabowski, the applicant's vice-president of field operations.

LOCATION AND ACCESSIBILITY

The Rising Sun and Enterprise claims are about 3 air-miles southeast of Miami, Arizona, probably in section 12, T. 1 S., R. 14 E. and secs. 7 and 8, T. 1 S., R. 15 E., unsurveyed, Gila County, Arizona (fig. 1). Miami is a town on U. S. Highway 60 and 70, and the terminus of a branch line of the Southern Pacific railroad.

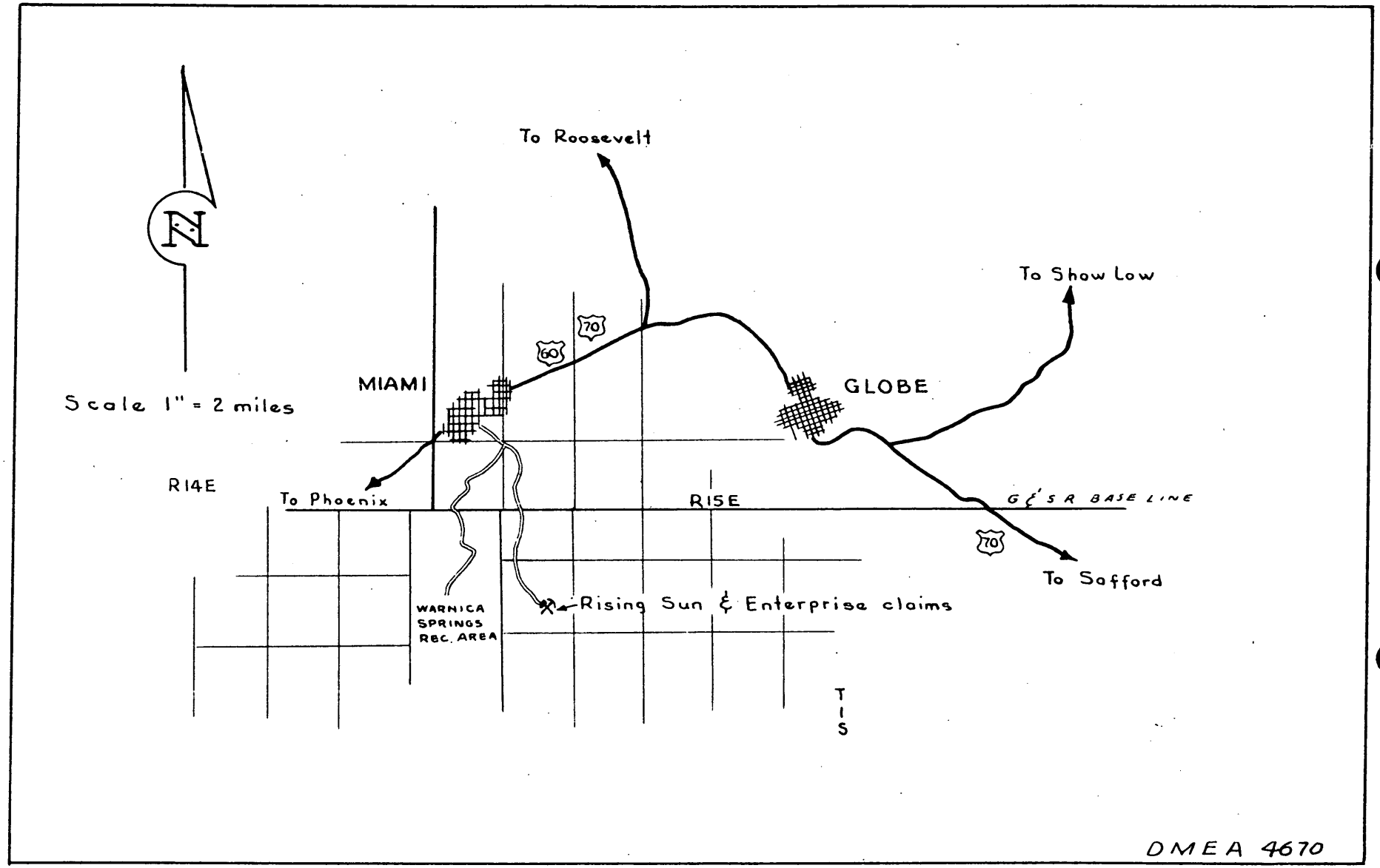

Fig-1- Location map, Long Island Enterprises, Ltd.
Gila County, Arizona

The claims may be reached by automobile from the Copper Land Hotel in Miami by traveling 1 block east on the U. S. Highway and thence to the right on pavement that ends at the southern edge of the town. Proceed 1.1 miles up-grade on a winding, improved dirt road to a fork near the top of the hill. The improved road forking to the left then is followed 6.9 miles to the principal mine workings.

TOPOGRAPHY, PHYSICAL FEATURES AND CLIMATE

The Rising Sun and Enterprise claims are at an average altitude of about 5,000 feet near the northern base of the Pinal Mountains. Pinal Peak, altitude 7,850 feet, at about 4 miles south of the claims, is the highest nearby point. The area of the claims is moderately rugged. Solitude Gulch heads near the claims and drains northwesterly to Pinal Creek.

Vegetation mainly comprises a light growth each of forage grasses, live-oak and juniper trees, and manzanita shrubs.

Annual precipitation of about 13 inches principally occurs as heavy thunder storms during July-September and light rainfalls during December-February.

Summers are mild and winters are not severe.

EXTENT AND OWNERSHIP OF THE PROPERTY

The property comprises a group of 32 unpatented lode mining claims (fig. 2).

The applicant, Long Island Enterprises, Ltd., P. O. Box 2213, Globe, Arizona, reportedly is owner of the property by right of discovery and valid claim locations. Principal officers of the corporation, incorporated in the State of New York, are:

Anthony Mastrionni, Chairman of the Board,
28 Yoakm St., Farmingdale, L.I., N.Y.

Benjamin J. Milella, President,
447-35th St., Lindenhurst, L. I., N. Y.

Vincenzo Simoni, Treasurer,
141 Grange St., Franklin Sq., L. I., N. Y.

William A. Grabowski, Vice-President Field Operations,
Box 2212, Globe, Arizona.

HISTORY AND PRODUCTION

A portion of the property comprising the Rising Sun and Enterprise claims probably was first located and worked for silver during the early 1900's. As far as known no other work was done on the property until 1950, when a Mr. Smith produced a small amount of copper oxide ore from an 80-foot inclined shaft. He again operated the property during 1954 when 4 truck loads of copper oxide ore was selectively mined and shipped from an opem cut near the shaft. The next and last activity was by the applicant in 1955. Claims were relocated, a small amount of trenching and sampling was done, and a 356-foot diamond drill hole was put down near the shaft.

At present the property contains no buildings nor mining and milling equipment. The 80-foot shaft is filled with debris.

GEOLOGY

The Rising Sun Nos. 1 and 2 claims lie in the northern part of the Pinal Range where the rocks consist of Precambrian granite and schist, intrusives of younger granite, and Tertiary and Quaternary conglomerate (Fig. 2). This northern part of the Pinal range has been subjected to considerable faulting which accounts for the juxtaposition of the rocks of different ages[1/]. The faults appear to be normal ones and folding in the rocks is minor or absent.

The principal structure in the area of the Rising Sun Nos. 1 and 2 claims is a curving northwesterly trending fault dipping about 44 degrees to the northeast (Figs. 2 and 3). Granite lies on the hanging wall side; schist on the footwall side. A shear zone between 15 and 20 feet wide, filled with vari-colored clayey material, occupies the footwall side of the fault in the schist.

Mineralization, in the form of the copper oxides azurite and chrysocolla, occurs in the clayey material, particularly adjacent to or near the hanging wall side of the fault shear zone. The copper oxides are found as local concentrations of small rounded nodules of azurite and as coatings, incrustations, and small irregular nodules

---

1/ Ransome, F. L., The Copper Deposits of Ray and Miami, Arizona: U. S. Geol. Survey Prof. Paper 115, 1919, pp. 76-82.

of chrysocolla. Seams and blebs of manganese occur throughout the clayey material. Sulphides were not detected. No copper mineralization occurs in this area in either the schist or granite.

Depth of the mineralization in the shear zone is shallow, and the occurrences are small, local concentrations along the strike of the shear zone. Inspection of the numerous cuts, pits, and short adits in the shear zone showed that there was no mineralization, or very weak mineralization, in places. The strongest mineralization appeared to be on the southwest end of the shear zone in the vicinity of the cut and adit from which Sample No. 13432 (Fig. 3) was taken by the field examiners.

Work done on the property by the applicant and earlier workers consists of shallow excavations, pits, adits and one debris-filled shaft (Fig. 3). The shaft was said to have been originally about 80 feet deep. One diamond-drill hole (Fig. 3) was put down to a depth of 356 feet in 1956 by the applicant on the Rising Sun No. 1 claim.

The diamond-drill hole was collared in the shear zone material and incomplete driller's logs indicate that the hole was probably bottomed in "hard granite". Assay returns on the five-foot runs in the drill hole, down to a depth of 181 feet or as far as returns were available, give a total weighted average of 0.24 percent Cu for this depth. Values below 51 feet in the hole would average about 0.15 percent Cu. Assays of four samples

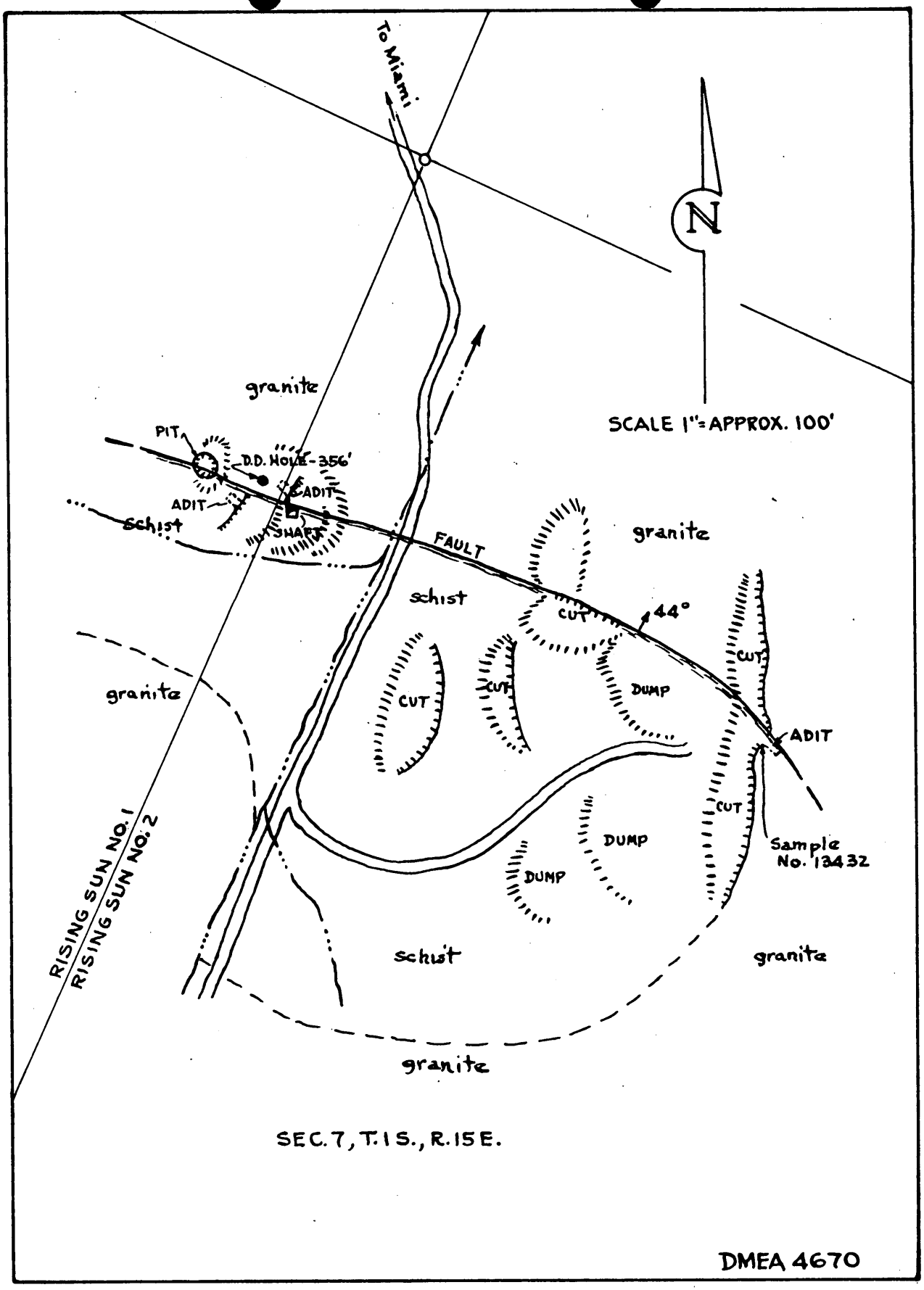

FIGURE 3.- SKETCH OF MINE WORKINGS, LONG ISLAND ENTERPRISES, LTD., RISING SUN & ENTERPRISE CLAIMS, GILA CO., ARIZONA.

taken by the applicant from "mudslips" and stringers in the adits range from trace amounts of copper to a high of 0.74 percent Cu. One sample, No. 13432, Figure 3, representing a four-foot chip channel sample taken by the field examiners across the best zone of mineralization in the clayey shear zone on the southwest end of the fault, was assayed by the U. S. Bureau of Mines, Tucson, Arizona, and ran 0.70 percent Cu.

The applicant stated occurrences of tungsten were found several miles to the south but that there were no specific occurrences of tungsten, as far as was known, on the subject property. Tungsten was included in the application on the basis of its occurrence to the south.

CONCLUSIONS AND RECOMMENDATIONS

Based on the limited and small occurrences of mineralization along the strike of the shear zone, and its shallow depth and over-all low grade, no significant tonnages of ore could be developed from the deposit. It is therefore recommended that the application be denied.

DMEA Form 7
(12-56)

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JUN 14 1957

Mr. B. J. Milella, President
Long Island Enterprises, Ltd.
447 - 35th Street
Lindenhurst, L. I., New York

Re: Docket No. DMEA-4670 (Copper-Manganese-Tungsten)
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Milella:

This is to acknowledge your undated special delivery letter regarding the cited project. On May 15, 1957, the application for Government exploration assistance was referred to Mr. E. N. Harshman, Acting Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Bldg., Denver 2, Colorado, for consideration, a field examination of the property if warranted, and recommendation. Mr. William A. Grabowski was notified of this action. If the Field Team, need additional information, they will get in touch with Mr. Grabowski.

Upon receipt of the Field Team report and recommendation, you may be assured that we will immediately continue the processing of this application to completion. Mr. Grabowski will be notified as to the decision regarding exploration assistance for this project.

Sincerely yours,

SIGNED

W. R. Griswold, Director
Division of Base Metals

JWAlt/er 6/13/57
Copy to:
Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region III (2)
Chron.

8623

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DMEA
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~~W. R. Griswold~~		
~~Dave Metals~~		

B. J. Mulella President
Long Island Enterprises Ltd.
447 35th Street
Lindenhurst L.I. N.Y.

Chief.
Division,
Docket No. D-M E.A-4670.
Copper
Manganese-Tungsten
Long Island Enterprises, L.T.D.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Sir;

Received your letter of April 3rd last. And would like to know, if at this time you have received all the necessary information, to process our application.

I have received oral information that Government representatives have visited our claims, I would like to know from you if possible, at what stage of processing our application is in.

I must double check all this information personally, as this business is like no other business. This is the only way I can protect the stockholders in our organization, and I would appreciate your cooperation from the bottom of my heart. Thanking for the information you sent thus far.

Sincerely yours.
Benjamin Bilella

SPECIAL DELIVERY

LINDENHURST, N.Y.
JUN 8
1 - PM
1957

SPECIAL DELIVERY
20¢
U.S. POSTAGE

U.S. POSTAGE 3¢
IN GOD WE TRUST
LIBERTY

JUN 10 1957

Rec'd 7:50 A.M.
6/9/57

W. R. Griswold,
Chief Base Metals Division
United States Department of Interior
Defense Minerals Exploration
Administration
Washington, D. C.
25

SPECIAL DELIVERY

Mr. B. J. Milella President
447-35 Street
Lindenhurst NY

WASHINGTON
JUN 8
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DMEA
RECEIVED MAY 24 1957

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May 22, 1957

Memorandum

To: W. R. Storms

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4670 (Copper-Manganese-Tungsten) Long Island Enterprises, Ltd., (Rising Sun and Enterprises Claims) Gila County, Ariz.

Enclosed please find the application for Long Island Enterprises, Ltd., Docket DMEA 4670, in the amount of $4,730.00 which was received in this office on May 22.

A field examination should be made and suitable report prepared. The completed report should be forwarded directly to the Acting Executive Officer with a copy of the memorandum of transmittal to this office.

W. H. KING
W. H. King

Enclosure

cc: Acting Executive Officer (3)
E. N. Harshman
W. L. Emerick

DMEA
DEPARTMENT OF THE INTERIOR
MAY 23 1957
REGION III
DENVER, COLORADO

N 0-2

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RECEIVED MAY 24 1957

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		~~225~~
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224 New Customhouse
Denver 2, Colorado

May 21, 1957

Memorandum

To: W. H. King)
W. L. Emerick) W/enclosures, Items 1-5 Below

From: DMEA Field Team, Region III

Subject: Docket DMEA 4670 (Copper-Manganese-Tungsten) Long Island Enterprises, Ltd. (Rising Sun and Enterprise Claims) Gila County, Arizona

Enclosed is the following material relating to the subject docket.

1. Copy of application for Government assistance in exploration work under the DMEA program.
2. Memorandum of Review by A. D. McMahon, USBM.
3. Memorandum of Review by H. E. Nelson, USGS.
4. Letter of transmittal of the foregoing to this office, dated May 15, 1957, from the Chairman, Operating Committee, DMEA
5. Routing Control Sheet.

A joint report of recommendations based on available information or a joint report of findings and recommendations based on a field examination is requested.

If the field examiners view the application favorably, they may consider the feasibility of the suggestion made in paragraph 3 of the Chairman's letter. Also the applicant should be requested to provide sufficient information so that a property map showing the proposed work in relation to the property boundaries map be prepared in conjunction with the joint report of examination.

Twelve extra copies of this map should be submitted if Government participation is recommended.

The Bureau of Mines' copy of the application should be returned to this office with the joint report of examination. The Survey's copy of the application is to be returned to Mr. Harshman's office.

Original Signed By
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer

Enclosures

MHM:eh

cc: Sec. Op. Comm. (2)
Harshman W/enclosures, Items 2-4
King
Docket
Chron.

DMEA Form 7
(12-56)

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Date	Surname	Code
5/14	[illegible]	500
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5/15	Selfridge	130
5/14	Johnson	110
15	Northrup	100
5/16	JWA	220
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MAY 15 1957

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-4670 (Copper-Manganese, Tungsten)
Long Island Enterprises, Ltd
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Harshman:

The cited application is being referred to your office for consideration, a field examination of the property if warranted, and recommendation.

If you should consider the application favorably, we would appreciate receiving a property map showing the proposed work, of a size which can be attached to copies of a contract, if the Applicant should be granted Government exploration assistance.

We would be skeptical as to the value of diamond drilling, as requested by the Applicant, for a deposit of this type. Probably churn drilling would be more in order.

Copies of memoranda dated March 14 and March 15, and May 9, 1957, by N. E. Nelson, Geological Survey, and A. D. McMahon, Bureau of Mines, respectively, relating to the project, are enclosed for your information.

Also, enclosed are two copies of the application and two letters, with enclosures, from the Applicant, dated April 11, 1957, for the use of the Field Team. An additional copy of each of the Applicant's letters is enclosed for your files.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

JWAlt/er 5/14/57

Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Chron.

Enclosures
APPROVED:

Frank D. Lamb

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

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	Kilsgaard	
5/14	Johnson	110
	Mittendorf	100
		225
		500

MAY 15 1957

Mr. William A. Grabowski
Long Island Enterprises, Ltd.
Post Office Box 2212
Globe, Arizona

Re: Docket No. DMEA-4670 (Copper)
Manganese, Tungsten)
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Grabowski:

This is to acknowledge receipt of your letter, dated April 11, 1957, and four copies of the additional information with maps attached regarding the cited property.

Your application for Government assistance to explore the above-mentioned property has been referred by the Base Metals Division of the Defense Minerals Exploration Administration to:

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

If additional information concerning your application is needed, the Field Team will get in touch with you at an early date.

Sincerely yours,

C. O. Mittendorf

Administrator

JWAlt/er 5/10/57
Copy to : Docket
Admr R File
Op. Committee
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region III (2)
Chron.

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

May 9, 1957

Memorandum

To: Mr. W. R. Griswold, Defense Minerals Exploration Administration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of supplemental data on application, Docket No. DMEA 4670 (copper, manganese, tungsten), Long Island Enterprises, Ltd., The Rising-Sun and Enterprise Claims, Gila County, Ariz.

In view of the additional information submitted in response to your letter of March 22, 1955, it is recommended that the application be referred to the Field Team for an examination of the property.

A. D. McMahon

A. D. McMahon

Attachment

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
F i l e s

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 9 1957

DATE	INITIALS	CODE
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William A. Grabowski
Long Island Enterprises, Ltd.
P.O. Box 2212
Globe Arizona

11 April, 1957

Subject: Docket No. DMEA-4670
L.I. Enterprises, Ltd.
Gila County, Arizona

Re: DMEA letter dated,
22 March, 1957

To: Mr. W. R. Griswold
U.S. Department of The Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Dear Mr. Griswold:

Pursuant to your letter of 22 March, 1957, wherein your office requested additional information relative to the above noted DMEA Docket, the following is submitted:

A.- Enclosed are four (4) copies of smelter assay reports on the results of ore samples taken on the Rising-Sun Claims. Attached to the application in your possession are four (4) copies of an Engineer Report, which, with the enclosed assay sheets become a part of the submitted application and relate to the exploratory and analytical work conducted by the applicant at his expense.

B.- Enclosed are four (4) copies of the property maps requested and schedules of work we desire to accomplish, costs of said work and the total amount of money to be expended for the proposed work.

C.- Enclosed are four (4) copies of a Diamond Core Drill estimate which, with a prior estimate already submitted constitutes two (2) independent bids. The coring bit to be used in all drilling will be of BX size with a 1 5/8" core being recovered.

D.- Enclosed are four (4) copies of a cost estimate on bulldozer work to be done, type of equipment to be used and total hours of bulldozer operations.

Respectfully submitted,

William A. Grabowski
William A. Grabowski

Enclosures on application Leb.

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DMEA
RECEIVED APR 15 1957

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~~Transmitted~~ acc
Betty

William A. Grabowski
Long Island Enterprises, Ltd.
P.O. Box 2212
Globe Arizona

11 April, 1957

Subject: Typographical error in reply to DMEA letter dated 22 March, 1957.

Re: Docket No. DMEA-4670

To: Mr. W. R. Griswold
U.S. Department of The Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Dockets

Dear Mr. Griswold:

In my reply to your letter of 22 March, 1957, a typographical error was noted in my file copies after said reply was forwarded your office.

The error noted is on Page No. 3 of the reply under the item heading, Diamond Core Drilling.

The last portion of the fourth paragraph under Diamond Core Drilling reads as follows:

"******* total depth of the combined holes drilled will be 2,500 feet."

The figure of 2,500 feet is in error, it should read:

"***** total depth of the combined holes drilled will be 5,000 feet."

I sincerely regret any inconvenience this error may have caused you and respectfully request that correction of said error be noted herein.

Sincerely yours,

William A. Grabowski
William A. Grabowski

BUREAU OF MINES
WASHINGTON, D. C.

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(12-56)

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APR 3 - 1957

Mr. B. J. Millella, President
Long Island Enterprises, Ltd.
447-35th Street
Lindenhurst, L. I., New York

Re: Docket No. DMEA-4670 (Copper-Manganese-Tungsten)
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Millella:

Your letter of March 22, 1957 to Mr. J. W. Pennington, has been referred to me for reply. On March 22, I wrote to Mr. William A. Grabowski, at the address given on the cited application, requesting additional information.

Upon receipt of this information, you may be assured that your application will be given our immediate attention, and Mr. Grabowski will be notified of what action has been taken.

We regret to advise you that it is impossible to estimate accurately the length of time that it will take to process your application to completion. It will most likely take two or three months to do this.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Base Metals Division

JWAlt/er4/2/57
Copy to: Docket
Admr R. File
Op. Committee
Base Metals
Mr. McMahon, USBM
Mr. Kiilsgaard, USGS
Region III (2)
Chron.

8623

Docket

March 27, 1957

Mr. B. J. Milielle, President
L. I. Enterprises, Ltd.
447-39th Street
Lindenhurst, L. I., N. Y.

Dear Mr. Milielle:

Your letter of March 22 concerning the prospecting of a mica application has been referred to the Base Metals Division of the Defense Minerals Exploration Administration for reply.

Very truly yours,

J. W. Pennington

J. W. Pennington
Assistant Chief
Branch of Base Metals

JWPennington/vr

Copy to: Division of Minerals
Branch of Base Metals (2)
W. E. Griswold, DMEA, Rm 4444
Files

C
O
P
Y

March 22, 1957

J. W. Pennington
Branch of Base Metals Div.
U. S. Dept. of The Interior
Bureau of Mines
Washington 25, D. C.

Dear Sir:

I want to thank you for your prompt response of June 26/56. We have followed your instructions, and have been assigned Docket # BMEA-4670. I have been notified the application has been referred to the Base Metals Division for further action and consideration.

I would appreciate greatly if you would give me some information as to the length of time it takes to process an application.

Very truly yours,

LONG ISLAND ENTERPRISES LTD.

/s/ Benjamin J. Millella

B. J. Millella
Pres.

L. I. Enterprises Ltd.
B. J. Millella, Pres.
447-35th St.
Lindenhurst, L. I. N. Y.

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DMEA Form 7
(12-56)

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"	Mitchenson	1.00
3/23	C	2.25
		8.00

MAR 22 1957

Mr. William A. Grabowski
Long Island Enterprises, Ltd.
Post Office Box 2212
Globe, Arizona

Re: Docket No. DMEA-4670 (Copper-Manganese-Tungsten)
Long Island Enterprises, Ltd.
Rising Sun and Enterprise Claims
Gila County, Arizona

Dear Mr. Grabowski:

Your application dated March 2, 1957, for Government exploration assistance for the cited property has been received and reviewed by the Base Metals Division of the Defense Minerals Exploration Administration.

In your application, List No. 7, Proposed Work, the first two items listed should be done at your expense and such information should be considered as part of the application.

Please submit a property map showing where you propose to do your exploration work. Also, state the amount of work you desire to do, with detailed costs of this work, and state the total amount of money to be expended for the proposed work.

For diamond drilling, if possible, submit three independent bids for the drilling you propose to do and stipulate the size of the coring bit to be used.

If bulldozing is to be done, please stipulate the size of the equipment to be used, the cost per hour, and the number of hours required for this proposed work.

Please submit the above information in quadruplicate, at your earliest convenience so that we may expedite the processing of your application.

Sincerely yours,

W. R. Griswold

W. R. Griswold

JWAlt/er 3/22/57
Copy to: Docket
Admr R File
Op. Committee
Mr. McMahon
Mr. Kiilsgaard, USGS
Region III (2)
Chron.

8623

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 15 1957

DATE	INITIALS	CODE
3/15	C	220
3/15	JWW	500

3/18/57

~~March 15, 1957~~

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: Commodity Specialist, Branch of Base Metals

Subject: Review of Application, Docket No. DMEA 4670 (copper-manganese-Tungsten), Long Island Enterprises, Ltd., The Rising-Sun and Enterprise Claims, Gila County, Arizona

The applicant seeks Government assistance to finance an examination of the above-cited property by a geologist and mineralogist at an estimated cost of $4,730. The application also implies that core drilling 5,600 feet in five holes is to be included but the costs of this work is not stated other than that noted in a copy of the letter from W. K. F. Contracting Co., Inc. advising of prices for core drilling, bulldozing, drifting and shafting.

In referring to cross sampling the fault zone the applicant mentions assay reports showing values from 0.8% to 36.00% copper which may or may not be important.

The application is incomplete and the amount of Government assistance needed is not clear. It is recommended that additional information be requested from the applicant.

A. D. McMahon

A. D. McMahon

Copy to: Division of Minerals
Branch of Base Metals (2)
Thor Kiilsgaard, U.S.G.S.
F. D. Lamb
F i l e s

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

ORIGINAL FILE COPY
DMEA
RECEIVED MAR 18 1957

DATE	INITIALS	CODE
3/18	C	220
3/20 3/18	Jwa	500

March 14, 1957

Re: DMEA 4670
Long Island Enterprises Ltd.,
Rising Sun and Enterprise claims
Gila Co., Arizona
No cost estimate
Copper-Manganese-Tungsten

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

The applicant requests assistance, to an unestimated amount, in exploring a porphyry dike in Pinal schist from the near surface part of which nodules of azurite and chrysocholla have been taken and sold as semi precious gems. Some old time work was done but no information concerning it is given.

The proposed work consists of 5,600 feet of angle and vertical core drill holes and an unstated amount of bulldozing, shaft sinking, and drifting.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

Received by [illegible] 3/13/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

March 8, 1957

Long Island Enterprises,
P. O. Box 2212
Globe Arizona

Subject: DMEA-4670

Gentlemen:

Your application for exploration assistance, dated March 2, 1957 submitted to our office at Washington, D. C. has been assigned Docket Number DMEA-4670 and referred to the Base Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

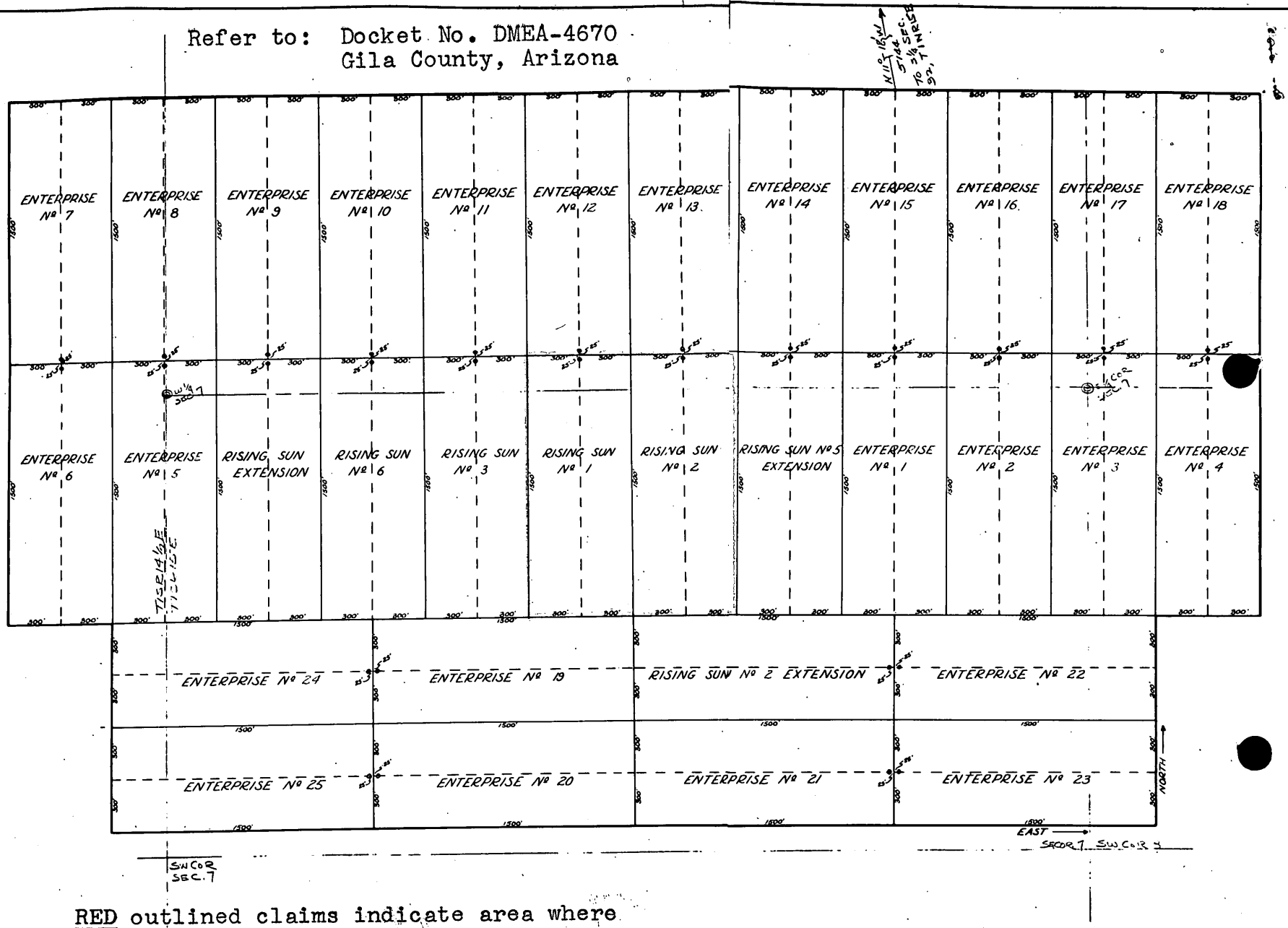
Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region III

6416

Refer to: Docket No. DMEA-4670
Gila County, Arizona



RED outlined claims indicate area where exploration work will be conducted.

L. I. ENTERPRISES, LTD.
Box 2212 Globe, Arizona

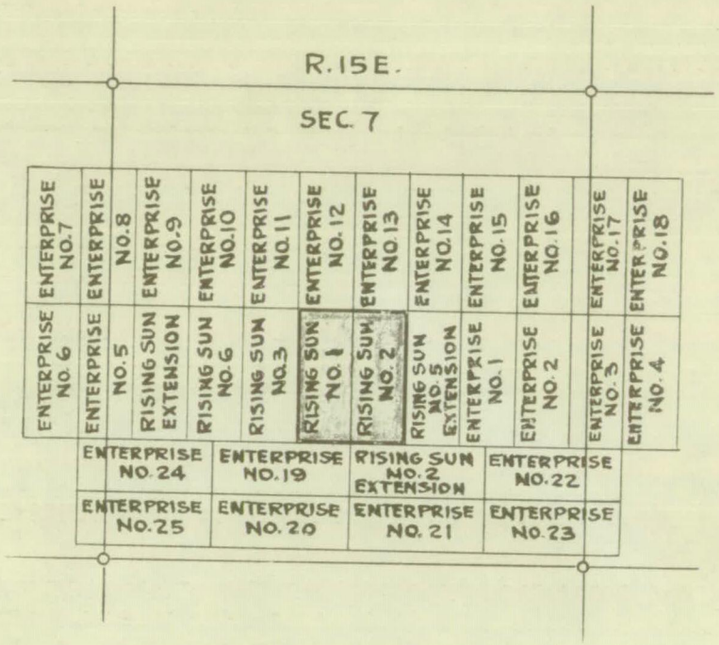
REGISTERED CIVIL ENGINEER
CERTIFICATE EXPIRES
KENNETH W. HAMMES
DEC. 31, 19
ARIZONA, U.S.A.

Enterprise & Rising Sun Claims
Scale, 1" = 300'

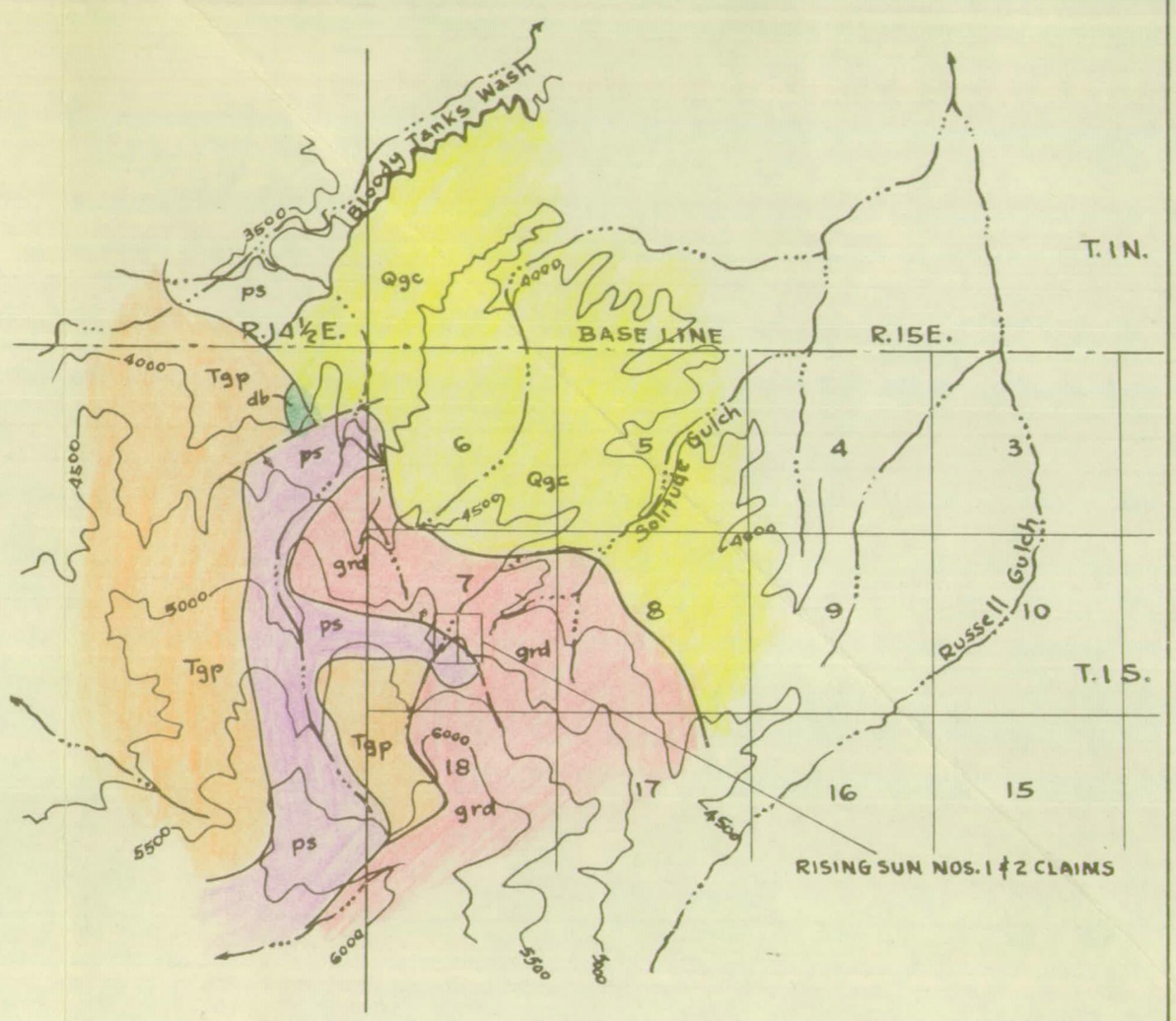
June 6, 1956 T1S, R14&15E
Gila County, Arizona
Hammes Engineering Co.

OFFICIAL FILE COPY
D M E A
RECEIVED APR 15 1957

DATE	INITIALS	CODE



ENTERPRISE & RISING SUN CLAIMS
SCALE 1" = 2000'



SCALE 1" = APPROX. 1 MILE
CONTOUR INTERVAL 500 FT.

EXPLANATION

Qgc	GILA CONGLOMERATE (Tertiary & Quaternary)	
Tgp	GRANITE & GRANITE PORPHYRY	(Late Cretaceous or early Tertiary)
db	DIABASE	
grd	GRANITE & QTZ. MONZONITE	PreCambrian
ps	PINAL SCHIST	

FAULT - DASHED WHERE INFERRED
CONTACT
(MAP MODIFIED FROM RANSOME, 1919)

DMEA 4670

FIGURE 2.- CLAIM AND GEOLOGY MAP, LONG ISLAND ENTERPRISES, LTD., RISING SUN & ENTERPRISE CLAIMS, GILA CO., ARIZONA

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D M E A
RECEIVED JUL 1 1957
DATE | INITIALS | CODE