DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE Idm-E NO._____ DMEA NO. 5067

Application
- [ ] Denied
- [ ] Withdrawn

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

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

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] 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 Semi-Annual 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 Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [ ] Field Team Semi-Annual 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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

June 27, 1958

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Alternate Acting Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Tarzan Mining Company (Tarzan mines) Mesa County, Colorado

Enclosed are three copies of the subject application in the amount of $35,000.00. One copy of the application is being retained in our file.

The applicant's representative, Mr. C. Oliver Moore, who delivered the application to this office, was informed that insufficient time remained to process the application before June 30, 1958, but he insisted on filing it.

J. W. Townsend

Encls.

TARZAN MINING COMPANY
9635 WEST COLFAX AVENUE
DENVER 15, COLORADO
SUITE 214
BElmont 7-3434

June 27, 1958

DMEA
DEPARTMENT OF THE INTERIOR
JUN 27 1958
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
Acting Executive Officer
D.M.E.A. Field Team, Region III

Dear Sir:

On behalf of Tarzan Mining Company, I hand you hwereith an original and three copies of form MF. 103 with exhibits in support of application for exploratory funds in connection with properties owned by this company.

I f additional information is required, kindly advise, and we will endeavor to supply it promptly.

Very truly yours

E Oliver Moore
Tarzan Mining Company
Office Mgr

Form MF-103
Revised Oct. 1957

UNITED STATES
DEPARTMENT OF THE INTERIOR

Budget Bureau No. 42-R1035.3
Approval expires June 30, 1958

DEFENSE MINERALS EXPLORATION ADMINISTRATION

APPLICATION FOR AID IN AN EXPLORATION PROJECT

PURSUANT TO DMEA ORDER I, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

NAME OF APPLICANT (Full legal name and mailing address as it should appear on contract if one is executed)

Tarzan Mining Company,
Lakewood Professional Bldg
9635 West Colfax Avenue,
Lakewood, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
JUN 27 1958
REGION III
DENVER, COLORADO

APPLICANT NOT TO USE THIS BLOCK

Docket Number	DMEA-5067
Date Received	6-30-58
Government Participation %	
Region	III
Division Code	700

BUSINESS ORGANIZATION (Check one)

- Individual [ ]
- Corporation [X]
- Partnership [ ]
- Other (Specify) [ ]

State in which firm is organized

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

Name	Address	Title
Wm F De Quasie	443 So Moore St, Lakewood, Colo	President
R. L. De Quasie	845 So Carr St, " "	Treasurer
Tom Spooner	840 Holland St, " "	Treasurer
M. R. Murray Jr	120 Carr St, " "	Director

Mineral(s) for which you wish to explore: Uranium and vanadium

Estimated Cost of Project: $ 35,000.00

LOCATION OF PROPERTY

Name	County	State
Tarzan Mines	Mesa	Colorado

GENERAL INSTRUCTIONS

Before filling out this application, please read DMEA Order-I, Revised, "Government Aid in Defense Exploration Projects." 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 four 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 1, existing mine workings and geology in item 2, and the proposed exploration project in item 4. 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 2(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 Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest DMEA 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.

June 25, 1958
Dated

TARZAN MINING COMPANY
By W. F. DeQuasie *(Signature)*
President
Title

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001.

INFORMATION REQUIRED WITH THIS APPLICATION

1. *Applicant's Property Rights:*

(a) 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 land adjacent to the proposed project area which you own or control. Describe any part of the project land or workings which should not be subject to Government lien for royalty payments. If the land consists of unpatented claims, state the book and page number for each recorded location notice, including amended locations, and the place where recorded (courthouse, recorder's office, county, and state).

(b) State all the names by which you know the property.

(c) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise. If you are not the owner, submit with this application one exact copy of the lease, contract, or other document (with address of owner) under which you control the property.

(d) Describe all liens, mortgages, or other encumbrances on the property.

2. *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 lands, including existing mine workings. Describe all production facilities.

(b) State your interest, if any, in operations stated in 2*(a)*.

(c) State, as far as 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 on the property giving quantities and grades and sampling methods used, supporting your statement with copies of assay certificates and assay maps if available.

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

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

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

3. *Accessibility of Project:*

(a) To aid DMEA representatives who may be required to examine the property, state the name and address of the person who will meet the DMEA representative; give directions for reaching the property; and describe accessibility of the property including the mine workings.

(b) Name the shipping and supply points and places where employees reside and state the distances between them and the property.

4. *The Exploration Project:*

(a) Describe fully the proposed exploration project giving individual footages and sizes of openings *for each item of work*. Use narrative, maps, plans, and longitudinal and cross sections as necessary. Show the 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 *property boundaries* or to the closest identifiable corner.

(b) If an access road to the project must be built, show the location on the property map and state the length, type, and construction methods proposed.

(c) In the event that an exploration contract with DMEA is executed, how soon will the work start and how many months will be required to complete it? State your anticipated average daily or monthly rate of progress for each type of work.

5. *Experience:*

State your operating experience and background with relation to your ability to carry out this exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of Costs:*

Furnish detailed estimates of the costs *for each item of the work proposed in 4(a)* under the headings listed below with a total for each heading and the estimated total cost of the project. Costs for any work to be performed by an independent contractor should be shown separately under category *(a)* below. Costs for any work that is not to be performed by an independent contractor should be given in detail under categories *(b)* through *(g)*.

(a) Independent contracts. State the cost of any proposed independent contract for the performance of all or any part of the work, expressed in units of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, 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. For necessary supervision, engineering and geological services, and labor, include an itemized schedule of numbers, classes, rates of wages, salaries or fees, and periods of employment. State whether these technicians and employees are available.

(c) Operating materials and supplies. List items of material and supplies with their cost. 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 operating equipment to be used giving specifications and indicating how each item is to be acquired – i.e., rented, purchased, or provided by the applicant. If it is rented or purchased, state the estimated rental or purchase price. If it is to be furnished by the applicant, give its present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of necessary *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 on the exploration project.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration project stating specifications and cost including labor, materials and supervision.

(g) Miscellaneous. For the operating equipment listed in 6*(d)*, describe the type and estimate the cost of repairs and maintenance expected during project operations. Do not repeat initial repairs listed in 6*(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 – 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)* State whether you are prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation stated in Sec. 7 of DMEA Order–I, Revised.

(b) Explain to what extent you propose to furnish your share of the costs by providing money, by use of equipment owned by you, or otherwise.

* * * * *

INT.-DUP. SEC., WASH., D.C. 25960

TARZAN MINING COMPANY, A Colorado Corporation
9635 West Colfax Avenue, Lakewood
Colorado.

ORIGINAL FILE COPY
DMEA
RECEIVED JUL 30 1958
DATE

APPLICATION FOR AID IN EXPLORATION PROJECT.

Item I, Form MT 103. Applicant's property rights.

All mineral claims involved in this application belong to the Tarzan Mining Company, by mineral deeds and conveyances from original locators.

* * * * * * * * * * * * * * * * * * * *

Legal description and recording data on claims. as follows:

All claims located in Mesa County, Colorado, Township 49 North Range 17 West, N.M. PM. Recorded in Mesa County Colorado in the office of Clerk and Recorder, Grand Junction Colorado.

The following claims were located by T. J. Lajeunesse, Walter Krogh, and Wesley Sturm.

Inge No. 1,	located	Nov 13 1954,	recorded	book	624	page	461
Inge No. 2,	"	Nov 13, 1954	"	"	624	"	462
Inge No. 3,	"	Nov 13, 1954	"	"	624	"	463
Inge No. 4,	"	Nov 13, 1954	"	"	624	"	464
Inge No. 5,	"	Nov 13, 1954	"	"	624	"	465
Inge No. 6,	"	Nov 13, 1954	"	"	624	"	466

Quit Claim Mining deed dated Sept 2, 1955 executed by T J Lajeun esse Walter Krogh, Wesley Sturm and Leona Sturm, to Tarzan Uranium Inc of Spokane Washington, recorded Oct 1, 1955, in book 622 at page 558 in the office of the Clerk and Recorder, Mesa County, Grand Junction, Colorado. Deed conveys the above sixInge Claims

Quit claim deed dated August 23, 1956 by Tarzan Uranium Inc., to T. J. Lajeunesse, recorded in the records of the County Clerk and Recorder Mesa County, Grand Junction Colorado, conveys the above six Inge claims. Recording date, book 703 P page 296 dated February 18, 1957

Deed dated Sept 22n, 1956 by T. J. Lajeunesse, to Tarzan Mining Co, conveyes the six Inge Claims, Deed recorded in Mesa County County Clerk and Recorder's office, Grand Junction, recording date, Book 703 page 298

The following claims, also located in Mesa County, Township 49 North Range 17 West, 6th PM, T. J. Lajeunesse Agent, Locator

Lucky Buck No. 1,	Jan 5	1955,	Recorded in	book	629	page	258
Lucky Buck No. 2	" 5	1955	"	"	629	"	259
Lucky Buck No. 3	" 5	1955	"	"	629	"	260
Lucky Buck No. 4	" 5	1955	"	"	629	"	261
Lucky Buck No. 5	" 5	1955	"	"	629	"	262
Lucky Buck No. 6	" 5	1955	"	"	629	"	263
Lucky Buck No. 7	" 5	1955	"	"	629	"	264
Lucky Buck No. 8	" 5	1955	"	"	629	"	265
Lucky Buck No. 9	" 5	1955	"	"	629	"	266
Lucky Buck No. 10	" 5	1955	"	"	629	"	267
Lucky Buck No. 11	" 5	1955	"	"	629	"	268
Lucky Buck No. 12	" 5	1955	"	"	629	"	269
Lucky Buck No. 13	" 5	1955	"	"	629	"	270
Lucky Buck No. 14	" 5	1955	"	"	629	"	271
Lucky Buck No. 15	" 5	1955	"	"	629	"	272
Lucky Buck No. 16	" 5	1955	"	"	629	"	273
Lucky Buck No. 17	" 5	1955	"	"	629	"	274
Lucky Buck No. 18	" 5	1955	"	"	629	"	275
Lucky Buck No. 19	" 5	1955	"	"	629	"	276
Lucky Buck No. 20	" 5	1955	"	"	629	"	277

Item 1, Form MF 103

Lucky Buck Claims Nos 1 through 20, have been transferred to, and are now owned by Tarzan Mining Company by the following conveyances.

Quit claim deed by Thomas Lajeunesse, to the Tarzan Uranium Inc Spokane Washington, dated Sept 2n 1955 and recorded in the records of the County Clerk and Recorder, Mesa County, Colorado, Grand Junction. Recorded Oct 1, 1955, Book 662 page 556, and by

Quit Claim deed by Tarzan Uranium Inc, to T. J.Lajeunesse, dated August 23 1956, and recorded as above, in book 703 P page 296, and by

Quit Clait deed by T. J. Lajeunesse, to Tarzan Mining Company dated Sept 22, 1956, recorded as above in book 703 page 298.

In addition to the above Tarzan Mining Company is the owner of the following unpatented claims, viz: Mesa County, Colorado

Tarzan No. 1,	Aug 10, 1955,	recorded	in	book	659	at page	474
Tarzan No. 2,	" 10, 1955,	"	"	"	659	" "	475
Tarzan No. 3,	" 10, 1955	"	"	"	659	" "	476
Tarzan No. 4,	" 10, 1955	"	"	"	659	" "	477
Tarzan No. 5,	" 11, 1955	"	"	"	659	" "	478
Tarzan No. 6,	" 11, 1955	"	"	"	659	" "	479
Tarzan No. 7,	" 11, 1955	"	"	"	659	" "	480
Tarzan No. 8,	" 11, 1955	"	"	"	659	" "	481
TarzanNo. 9	" 12, 1955	"	"	"	659	" "	482
Tarzan No. 10	" 12 1955	"	"	"	659	" "	483
Tarzan No 11	" 12, 1955	"	"	"	659	" "	484
Tarzan No. 12,	" 12, 1955	"	"	"	659	" "	485
Tarzan No. 13,	" 12, 1955	"	"	"	659	" "	486
Tarzan No. 14,	" 13, 1955	"	"	"	659	" "	487
Tarzan No. 15,	" 13, 1955	"	"	"	659.	" "	488
Tarzan No. 16,	" 13, 1955	"	"	"	659	" "	489
Tarzan No. 17,	" 13, 1955	"	"	"	659	" "	c 490
Tarzan No. 18,	" 13, 1955	"	"	"	659	" "	491
Tarzan No. 19,	" 14, 1955	"	"	"	659	" "	492
Tarzan No. 20,	" 14, 1955	"	"	"	659	" "	493
XXXXXXXNo.							
South Fork No. 1	14, 1955	"	"	"	659	" "	494
South Fork No 2	14, 1955	"	"	"	659	" "	495
South Fork No 3	15, 1955	"	"	"	659	" "	496
South Fork No 4,	15, 1955	"	"	"	659	" "	497
Brushy Basin #1	Jan 30, 1956	"	"	"	683	" "	3
Brushy Basin #2	" 30, 1956	"	"	"	683	" "	5
Brushy Basin #3	" 30, 1956	"	"	"	683	" "	7

Thr foregoing claims were located in the name of Tarzan Uranium Inc., and by it conveyed as follows:

Quit claim deed Aug 23, 1956 by Tarzan Uranium Inc, to T. J. Lajeunesse, and recorded in book 703, page 296, Mesa County Grand Junction Colorado.

Quit Claim Deed by T. J. Lajeunesse to Tarzan Mining Company dated Sept 22, 1956, and recorded in Book 703 page 298 of the Records of Mesa County, Grand Junction Colorado.

This concludes the list of properties owned by Tarzan Mining Company, and on some of which exploratory work is being done and on which much more exploratoty work is sought to be done.

TARZAN MINING COMPANY, Application for aid in exploratory work

Item I, Continued.

The names by which the property owned by the company is commonly known are as follows:

Inge claims	Nos	1	through	6
Lucky Buck	"	1	"	20
Tarzan	"	1	"	20
South Fork	"	1	"	4
Brushy Basin	"	1	"	3

Tarzan Mining Company, a Colorado Corporation is the owner by original location, and by deeds of conveyance from locators - all unpatented mining claims.

There are no liens, mortgages or incumbrances of record against the claims.

Item 2. No mining has been done on any of these claims.

All work to date has been confined to building roads erecting a cabin for field headquarters, and purchase of a drilling rig, with accessories, and drilling of sixteen test holes with an average depth of about 100 feet, on claims as indicated on the attached sketch of the property.

2-b The company has expended in excess of $ 6,000.00 in equipment, supplies and labor in connection with the above work

2-c There has been no production of ores to date.

2-d No commercial ore bodies have been discovered to date.

2-e The information requested is contained in geological and engineering report of Sam K. Smythe, copies enclosed.

2-f Our reasons for expecting to find ore on these claims, are based on report of Sam K. Smythe, and indications from test drilling to date.. Greater depth is indicated.

3 The information requested by this paragraph, is also contained in report of Sam K. Smythe, copy attached.

4. The proposed exploration work will be confined to test drilling, possibly to greater depth - 200 feet or over - under direction of geologists and engineers familiar with the particular area to be prospected.; some work with bull dozers to extend access roads to portions of the property not now served by existing roads.

b Work will start immediately upon availability of funds

c It is expected from six to eight months will be required to complete all work projected. Three holes per week expected. 7

#5 Mr. W m F De Quasie, who will be in active charge of the work has been engaged in various phases of mining for over forty-five years, in Missouri, Arkansas, and Colorado, and embracing lead, zinc, and lode mining properties. Since 1954 he has been engaged solely in locating, and exploring uranium, and vanadium properties, in Colorado, and Utah.

TARZAN MINING COMPAHY. Application for aid in exploratory work

ITEM 6 ESTIMATE OF COSTS

Our estimate of costs is based on costs incurred to date in work already done. Costs per foot of drilling averages $ 1.40 per foot, and includes the following.

Labor	Driller, one	$ 20.00 per day
	Helper one	15.00 per day
	Superivision	25.00 per day
	Engineer,	50.00 per day.

Equipment, the company owns a Failing Used H.D. Model 1500 Drilling unit on 1949 International KB 7 Truck, with drill stems and drills, and Cost $ 7,049. Paid down Balance to be paid in 12 monthly installments,	$ 3,250.00
One 1949 Ford F.C. Truck with water tank, cost	350.00
Newmotor replacement	375.00
Additional equipment, new drills, @$55.00 each, 2	110.00
License for Drill truck (include tax)	110.00
" for Ford truck " "	23.00
Additional drill stem and bits	250.00
Drilling supplies:	
Aquajell $ 2.95 per cwt	
Cotton seed hulls 4.90 " "	
Lime 1.65 " "	
Gasolene per gal .36	
Oil per qt .60	
Total labor and supplies to date	2250.00
Grand total	6718.00

Total estimated cost of projected exploratory work.

Camp supplies, commisary, groceries, etc for two men $ 30.00 per week, 32 weeks		960.00
Labor	Geological engineer, 25 days @ .50.00	1250.00
	Supervision, $ 25.00 per day, 75 days	1850.00
	Road work, bull dozer, $10.00 per hour, 300 Hrs	3000.00
	Driller and helper, eight months	6500.00
	Supplies for rig and water tank, $600.00 mo	4800.00
	Payments on equipment, and renewal of state licens.	4000.00
	Insurance on equipment	250.00
	State and Federal with-holding tax & Soc Sec	650.00
	Replacement drills etc	$ 4200.00
	Cost of moving equipment in field	1200.00
	Miscellaneous, travel expense to make purchases for camp, and supplies for rigs, aside from cost of these items. Maintenance of jeep for Superintendent	1200.00
	Miscellaneous, emergencies, breakdowns, assays extra help, camp cook, etc	$ 5540.00
	Total	35000.00

Application will supply fifty percent of estimated cost in work performed, now under way, use of equipment, and by money from securities sales and other options to the company

S A M K. S M Y T H
REGISTERED MINING ENGINEER
1826 ELM AVENUE
GRAND JUNCTION, COLORADO

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 30 1958
DATE | INITIALS

October 6, 1956

Geologic and Engineering Report
On
TARZAN MINING COMPANY PROPERTY
Mesa County, Colorado

This property, pertinent courthouse records, and available published geologic data on the area were examined during the week of October 1, 1956 to determine the validity of the claims, their potential for uranium, and means of exploration. This detailed study of the field geology of the area and status of the claims augmented the writer's general knowledge of the district gained through ten years experience in the Colorado Plateau Uranium Province as mining engineer and geologist.

Status of the Claims

The group consists of 53 umpatented mining claims----Inga 1 to 6, Lucky Buck 1 to 20, Tarzan 1 to 20, South Fork 1 to 4. and Brushy Basin 1 to 3 located in sections 2,3,10,11,14, and 21 in Township 49 North, Range 17 West, NMPM, Mesa and Montrose counties, Colorado. Examination of the claims in the field showed them to be properly staked, marked, and surveyed in accordance with federal and state laws, with discovery pits and maps complying with state regulations, and sufficient assessment work in evidence in the form of drill roads, cabins, and open cut excavations to satisfy annual work requirements. Portions of four of the claims overlap previously located or senior claims of other groups but seniority of those claims is recognized by the owners. No other overlaps or conflicts were noted in the examination. As of the writing of this report, it is understood that title of these claims is to pass from Tarzan Uranium, Inc., present owner, to Tarzan Mining Company by quit claim deed. Courthouse records were checked showing proper recording of the claim location notices and subsequent transfers of ownership.

Location and Access

The fifty-three claims are located in two groups approximately one-half mile apart on the east side of Moon Mesa which lies between the forks of Mesa Creek where the forks emerge from the highland on the west side of the Uncompahgre Plateau. Moon Mesa is a gently sloping, Pinon-covered area varying between 6,000 and 7,000 feet in elevation, eleven miles north of Uravan or 38 miles airline south-southwest of Grand Junction. The weather is usually such in this area that mining activity is possible year-around, although melting snows or thunder-showers may halt travel for a day or two at a time.

The roads from Grand Junction, U.S. 50 and state 141, consist of 30 miles of paved surface and 60 miles of gravel and dirt surface, while the road to Uravan consists of ten miles of dirt surface and ten which are graveled. Ore-buying stations are located in both towns as are sources of equipment, labor, and supplies.

Geology

The surface covering the claims is principally the Saltwash Member of the Morrison formation of Jurassic age although a small portion of the claims is covered with the overlying Brushy Basin Shale Member of the Morrison. The Saltwash consists of alternating layers of sandstone and mudstone while the Brushy Basin is practically all shale. The beds dip a few degrees to the southwest on the flank of the Uncompahgre Uplift. A large fault marking the edge of the uplift is found just east of the claim groups and Morrison cutoff.

Uranium deposits of the Colorado Plateau and this area are found in the sandstones of the Saltwash as bedded deposits, varying in thickness up to twenty feet and covering areas of a few square feet up to several acres. Individual uranium deposits are usually found to be only one of a cluster of such deposits so that when one is found others are expected to be discovered with further exploration work in the vicinity. Moon Mesa is located between the large mines at Uravan to the south and Out-

law Mesa to the north and is in a zone where the ore bodies are larger and more closely spaced than elsewhere in the Saltwash. This zone, The Uravan Mineral Belt, is well described in U.S. Geological Survey Bulletin 988A and is located on the attached map of the area.

The Saltwash in this area carries four principal sandstones with uranium being found in the lowest (first rim) and highest (fourth rim), the latter being the most productive. Ore has been mined from numerous open pits in this fourth rim, from within a few hundred feet to ½ mile west of the northwest corner of the Tarzan property with one pit 200 feet square reported to have produced a gross of $120,000 (Jumbo No. 2). In discussion with the superintendent for the owner (W.H. Hunt) of the Jumbo Group, it was learned that recent drilling on the Jumbos has delineated sufficient ore that mining will soon be resumed. Ore has also been mined on Mesa Creek (2 miles west) from the first rim. Uranium-vanadium mineralization has been discovered in a fourth-rim outcrop on Inga No. 3 claim and near the south end of the group in a canyon cutting the first rim sandstone. (See attached map for location of mineralized outcrops and nearby mines). While these outcrops were not sampled because of their small size, the carnotite and vanadium minerals are readily visible and the quality as indicated by Geiger Counter was commercial.

The location of the claim group within the well-mineralized Uravan Mineral Belt, especially since it is adjacent to operating properties, plus the discovery of uranium deposition in two of the snadstones on the property, fully justifies exploratory efforts in the search for other uranium deposition.

Exploration

Exploration is recommended in two phases. The first step would be fifty wagon-drill holes in the immediate vicinity of each of the uranium outcrops to test for the usual extensions of these rim outcrops and other deposits likely to be there in a cluster. Because depths average about twenty feet, total for these 100 holes would be about 2,000 feet of drilling.

In the second phase of exploration, the large area between the two mineralized outcrops should first be traversed with scintillometer to pinpoint radioactive areas, followed by drilling to determine the exact location and size of the ore or mineralized areas. Preliminary traversing might best be done from scintillometer-equipped airplanes. Exact footage then required in drilling would be determined by the number and depth of radioactive spots found but it is estimated that at least 10,000 feet of drilling would be required at an average depth per hole of 40 feet. This drilling is recommended in any event because of the possibility of uranium buried too deep to be detected by scintillation counter.

Mining

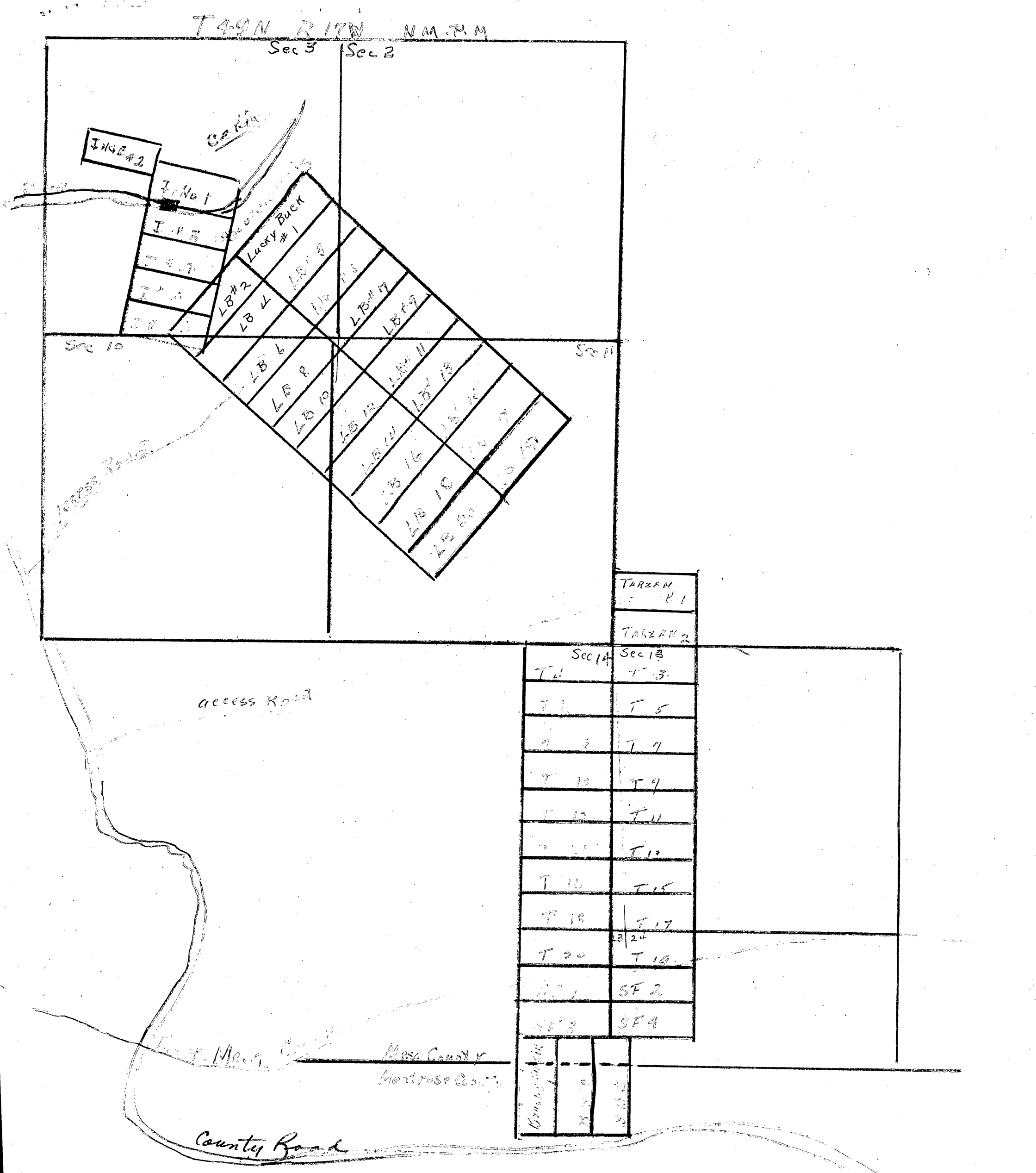
Because of the shallow depths of deposits known to date, mining is expected to be relatively simple and inexpensive if bodies of commercial size are found. Some of these can be mined by open pit as has been the practice in the area while others will require only limited means of access for underground works. Because of the wealth of experienced labor in the area, ease of access, long experience of Tarzan management, and the proximity of mills and supplies, economic operation is predicted when the ore deposits expected are found.

Summary

The 53 claims controlled by Tarzan Mining Company in the Mesa Creek Area of Mesa and Montrose counties, Colorado warrant exploration by drilling because of ore now known on them and because of their location in the highly mineralized and productive Uravan Mineral Belt of the Colorado Plateau Uranium Province. Economic exploitation of any commercial ore bodies discovered is expected because the deposits will be shallow and will be within short distances of uranium mills and sources of labor, supplies, and equipment.

Sam K. Smyth

(This is an exact copy of Sam K. Smyth's Geologic and Engineering Report. The original report is on file at the Tarzan Mining Co.'s office at 9635 W. Colfax, Lakewood 15, Colo. Office no. 217, Tel. BE 7-3434. Thomas A. Spooner, Secretary)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Sec 2
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I No 1
Lucky Buck #1
LB#2
LB 4
LB 6
LB 8
LB 10
LB 12
LB 14
LB 16
LB 18
LB 20
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LB 17
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Sec 10
Sec 11
TARZAN #1
TARZAN 2
Sec 14
Sec 13
T 4
T 3
T 5
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T 11
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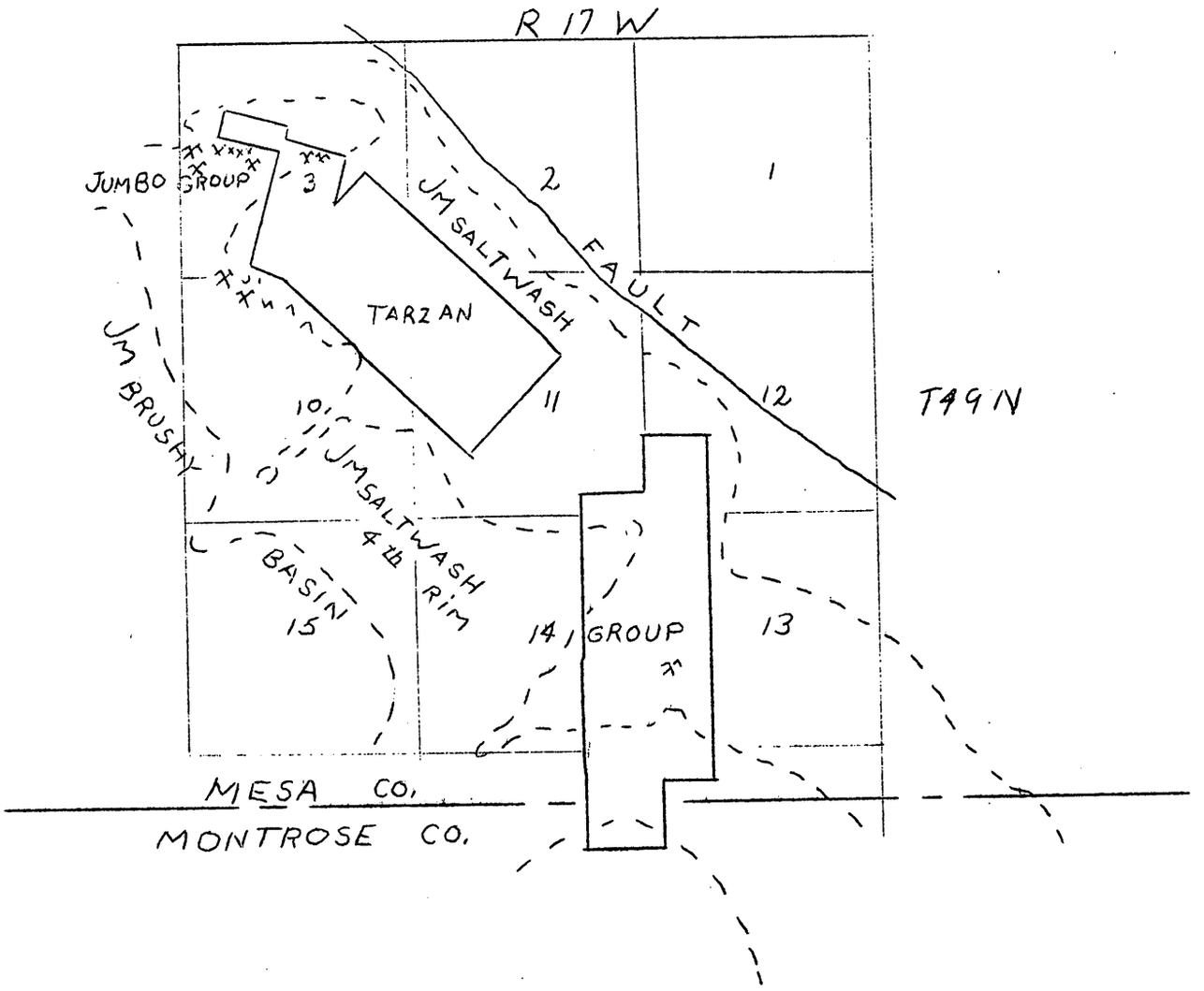
T 19
T 20
T 18
T 16
T 14
T 12
SF 1
SF 2
SF 3
SF 4
access Road
Mesa County
Montrose County
County Road

GEOLOGIC MAP

showing Uravan Mineral Belt and location of Tarzan property.



1 in = 4,000 Ft.

x = prospects & mines

TARZAN GROUP

U.S. Government Messenger Envelope

ndard Form No. 65 (Rev. 1957)
omulgated by Bureau of the Budget Circular A-33 (Rev.)

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Use STOP only when messenger service between Government buildings in Washington, D. C., is required or wherever a STOP system is used. Your mail room has STOP information.

DMEA Form 7
(12-56)

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TELETYPE

JUN 25 1959

W. S. Martin, Acting Chairman,
OME Operating Committee
Office of Minerals Exploration

1490108, Salaries and
Expenses, Office of Minerals Exploration,
Interior, 1959

OFFICIAL FILE COPY

Date	Surname	Code
	Murphy	700
	Griswold	500
6/25	Martin	130
"	Johnson	110 ~~340~~
		220
		700

Mr. J. W. Townsend
Executive Officer, OME Field Team
Region III
224 New Customhouse Building
Denver, Colorado

Reurtt June 23 docket DMEA 5061 Marcy-Shenandoah Corporation no OME application ever received in spite of our March 9 letter. Re docket DMEA 5067 Tarzan Mining Company similar situation, our letter to them May 7. Hence both have been considered as withdrawn.

W. S. Martin
W. S. Martin, Acting Chairman (6/25)
OME Operating Committee

FMMurphy/WRGriswold/fw-6/24/59

cc: Docket DMEA-5061
" DMEA-5067
Dir.Read. File
Operating Committee
Mr. Kirkemo, USGS
Mr. Murphy
Chron.

Chairman, Operating Committee
OME

DN 235 BUR MINES 6-23-59 12-51

CHAIRMAN, OPERATING COMMITTEE, OME

PLEASE TELETYPE ADVICE AS TO THE STATUS OF DOCKET DMEA 5061, MARCHY-SHENANDOAH CORP., AND DOCKET DMEA 5067, TARZAN MINING CO.

J W TOWNSEND

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 24

DATE	INITIALS
6/24	[illegible]
6/24	[illegible]

cy to 500

DENVER, COLORADO

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
5/6	Ching	700
5/6	Kuzak	700
5/7	Selfridge	420
		110
5/7	G	220
		700

MAY 7 1959

Mr. W. F. Dequasie, President
Tarzan Mining Company
1225 South Xavier Street
Denver 19, Colorado

Re: Docket No. DMEA-5067 (Uranium)
Tarzan Mining Company
Tarzan, et al., Claims
Mesa County, Colorado

Dear Mr. Dequasie:

Reference is made to our letter of March 2, 1959, and Mr. C. Oliver Moore's reply of March 30, regarding completion of an application under the OME regulations.

We wish to cooperate with you in allowing ample time to furnish such information, but, if we do not receive your acknowledgment of this letter within 30 days from this date, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

MChing/GMcC
May 6, 1959

cc: Docket
Director's Reading File
T. H. Kiilsgaard
OME Field Team, Region III (2)
Mr. Ching

June 8, 1959. As of this date no response has been received from the Applicant. May be considered as withdrawn without further action.

MEC

43683

TARZAN MINING COMPANY
~~9635 WEST COLFAX AVENUE~~
DENVER 15, COLORADO
SUITE 214
BElmont 7-3434

Denver, Colorado March 30, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 2 1959
DATE | INITIALS | CODE
4/2 | C | 220
| | 700

Mr Frank E Johnson
Acting Director, Office Minerals Exploration,
WASHINGTON 25 D.C.

Dear Sir:

Docket No. DMEA 5067 Uranium
Tarzan Company.

Mr. De Quasie, President of this company and to whom you addressed your letter of the 2nd, making inquiry regarding the application of this company for consideration under OME regulations, has asked me to reply thereto, and to state that the company expects to continue with its application, and attention will be given the subject on his return to the State shortly after the first of April.

He has been out of the state on other business matters for the past several weeks. It will be appreciated if you will keep the matter in abeyance until his return.

Yours very truly

Tarzan Mining Company
By office manager
1225 South Xavier Stm,
Denver 19, Colo.

C. Oliver Moore

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/2/59	Ching	700
3/2	Kazuda	700
3/2	Selfridge	120
		~~110~~
		~~106~~
3/3	C	220
		700

MAR 2 1959

Mr. W. F. Dequasie, President
Tarzan Mining Company
Lakewood Professional Building
9635 West Colfax Avenue
Lakewood, Colorado

Re: Docket No. DMEA-5067 (Uranium)
Tarzan, et al., Claims
Mesa County, Colorado

Dear Mr. Dequasie:

Reference is made to our letter of January 29, 1959, regarding action required to make your DMEA application eligible for consideration under the OME regulations.

We wish to cooperate with you in allowing ample time to complete such action, but, if we do not hear from you within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

MChing/gla
3-2-59
cc to: Director's Reading File
THKiilsgaard, 5224
Mr. Ching
OME Field Team, Region III (2)

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Washington 25, D. C.

January 31, 1979

To recording for Docket

Subject: Withdrawal of Pending DMEA Applications

Effective this date, this pending DMEA application is considered withdrawn for statistical purposes.

If, at a later date, the applicant requests reconsideration under the OME program, all pertinent material in the DMEA file should be transferred to the new OME docket.

Frank E. Johnson
Acting Director

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/13/59	Ching	700
1/14	Kusuda	700
1/22	Selfridge	120
		~~110~~
		~~100~~
1/30	C	220
		700

JAN 29 1959

Mr. W. F. Dequasie, President
Tarzan Mining Company
Lakewood Professional Building
9635 West Colfax Avenue
Lakewood, Colorado

Re: Docket No. DMEA-5067 (Uranium)
Tarzan, et al., Claims
Mesa County, Colorado

Dear Mr. Dequasie:

Enclosed is a copy of the regulations for obtaining Federal assistance in financing mineral exploration under which the new Office of Minerals Exploration will operate.

If you wish that your partly-processed DMEA application be considered under the OME regulations, please complete and return four of the copies of the attached application, MME Form 40.

Your attention is called especially to the certification which when signed declares that you would not ordinarily undertake the proposed exploration under current conditions and circumstances at your sole expense, and to Item 1(a) - and 1(c) if applicable - which relates to information used to determine your financial eligibility under the new exploration program. Information that is included in your DMEA application need not be repeated in the OME application, but you can add new information if you so desire.

If you do not wish to participate in the OME program, we shall appreciate being so informed.

Sincerely yours,

Frank E. Johnson (for)

Acting Director

Enclosures

MChing/gla
1-13-59
cc to: Director's Reading File
THKiilsgaard, Rm. 5224
Mr. Ching
OME Field Team, Region III (2)

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/19	Kramer	700
4	[illegible]	100

SEP 19 1958

Tarzan Mining Company
Lakewood Professional Bldg.
9635 West Colfax Avenue
Lakewood, Colorado

Re: Docket No. DMEA-5067 (Uranium & Vanadium)

Dear Mr. De Quasie,

As you have an application for exploration aid pending in our office, perhaps you may wish to study the proposed OME regulations and comment on them before October 17 as provided in the first paragraph of the enclosed notice reprinted from the Federal Register of Sept. 17.

Some time after October 17 when the final regulations become effective, we will send you the new application form so you may furnish any additional information necessary to process your application for aid under the new program.

T. O. Mikkandorf (ker)

ACTING Director

ASDakan:gjb
Sept. 19, 1958
Copy to: Docket
Director's R. File
Field Team (2)

8623

TARZAN MINING COMPANY
9635 WEST COLFAX AVENUE SUITE 214
DENVER 15, COLORADO BEnmont 7-3434

July 10, 1958

Mr. C. O. Mittendorf
Administrator D.M.E.A.,
Washington, D.C.,

Dear Sir:

Docket No. DMEA 5067, (Uranium)
Tarzan Co, Mesa Co, Colo.

I acknowledge receipt of your letter of July 2nd regarding our application for exploration assistance, and have noted the contents.

At the time we filed this application with your Denver office, we understood fully that any action on the application would depend on congressional action, and with that understanding, the application was accepted for such action as might result.

We note from the daily press that the Senate has approved a program to further this assistance, and would therefore appreciate it very much if you would hold the application until such time as the program is in operation so our application can take its proper place before the new agency.

Very truly yours

Tarzan Mining Company

R. F. LaRussie
President

7/14 C 220 700 225

IN REPLY REFER TO:

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

July 3, 1958
Re: DMEA 5067
Tarzan Mining Company
Tarzan Mines
Mesa County, Colorado
$35,000 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

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

Subject: Review of application

The applicant requests assistance in exploring, by plug drilling, 2 groups of claims underlain at shallow depth by rocks of the Salt Wash member of the Morrison formation. For the most part, as shown by the sketch map, the upper Salt Wash beds, including the 4th rim, have been removed by erosion. The 4th rim is the most productive of the Salt Wash sands and ore has been mined from it within a short distance of the northerly Tarzan claims.

If the conditions are as shown on the sketch map, practically only the 1st rim sandstones remain to be tested. Sixteen 100-foot test holes have been drilled. The application says deeper holes should be drilled, but the consulting engineer, Sam K. Smyth, recommends 20 and 40 foot holes. The map does not show where the 16 holes were drilled and does not show the location of the 70 to 100 proposed holes (24-32 weeks at 3 holes per week).

I recommend that the application be referred to the Field Team, if and when such action is timely.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/7	B	220
		700

OFFICIAL FILE COPY
DMEA
RECEIVED
DATE
7/3/58
7/7 B 220
700

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

Date July 2, 1958

DMEA Docket No. 5067
DMEA Contract No.
Commodity Uranium and vanadium
Name of Applicant Tarzan Mining Company
Name of Property Tarzan Mines
Location of property Mesa County, Colorado
Estimated cost of project $35,000.00

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: James Paone, Bureau of Mines Member JP
Uranium Commodity Committee
Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 6/27/58 2. Date received by reviewer: 6/30/58

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked 'yes' above:

8. Factors needing special consideration:

a. Location ☐
b. Ownership ☐
c. Evidence of mineralization ☐
d. Geology ☐
e. Proposed exploration method ☐
f. Alternate exploration method ☐
g. Costs
h. ☐

9. Action advised:

a. Obtain information from applicant ☐
b. Refer to Field Team ☒
c. Decline ☐
d. Agree with Field Team ☐
e. Disagree with Field Team ☐
f. Suggest alternate plan ☐
g. Request another consideration ☐
h. Approval ☐
i. Consult with Mr. _____ at _____ AEC Office

10. Remarks: (Use back of page if necessary) The applicant has not fully proved the existence of ore on the property. In lieu of further correspondence with applicant, a field exam could determine conclusively a recommendation for approval or denial.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
7/2	Knouse	700
7/2	Jeffrey	220
"	Johnson	110
"	Mittendorf	100
		~~245~~
		220
		225

7/2 Lamb (130)
7/2 Nelson (130)

Mr. W. F. Dequasie, President JUL 2 1958
Tarzan Mining Company
Lakewood Professional Building
9635 West Colfax Avenue
Lakewood, Colorado

Re: Docket No. DMEA-5067 (Uranium)
Tarzan, et al., Claims
Mesa County, Colorado

Dear Mr. Dequasie:

Early in June we sent you the Department of the Interior Information Service Release dated June 6 which announced that no new Defense Minerals Exploration Administration contracts could be executed after June 30 because of the ending of the present program for exploration assistance.

We regret to inform you that your application, identified above, could not be completely processed before June 30 because it was received too late. However, we will be glad to hold your application until the Congress acts on pending legislation to continue the program. If it is continued, we will then ask you to state whether you wish us to consider your application under the new regulations established for this program.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FLKnouse/izm 7-2-58
cc: Mr. Knouse
Admr.'s Reading File
THKiilsgaard, 5224
DMEA FT Reg. 3 (2)

8623

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

June 30, 1958

Tarzan Mining Company
Lakewood Professional Bldg.,
9635 West Colfax Avenue
Lakewood, Colorado

Subject: DMEA-5067

Gentlemen:

Your application for exploration assistance, dated June 25, 1958 submitted to our office at Denver, Colorado has been assigned Docket Number DMEA-5067 and referred to the Rare and Miscellaneous 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.

37909