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

226 New Customhouse
Denver 2, Colorado

December 17, 1954

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 200

From: Field Team, Region IV

Subject: Report of Examination, DMEA Docket 3485, (Manganese)
Prisby and Barney, Hidden Treasure claims, Garfield County,
Utah

Enclosed are four copies of the report of examination on the subject docket, a copy of the letter of denial to the applicants, and two copies of Form 3b.

W. H. King
W. H. King

for D. R. Wackaven
D. R. Wackaven

Enclosures

DEPARTMENT OF THE INTERIOR
Lorise Liberale Administration
RECEIVED
DEC 2 7 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

Denver Federal Center
Denver 25, Colorado

December [illegible] 1954

Memorandum

To: DMEA Field Exam. Region IV

From: Chief, Mining Division, Region IV

Subject: Report of Examination, DMEA Docket [illegible] (Manganese) Frisby and Burney, Hidden Treasure Claims, Iron County, Utah.

Enclosed are nine copies of the engineering report of examination on the subject docket.

The applicants requested $4,[illegible] to sink a [illegible] foot shaft and perform [illegible] feet of lateral work.

The engineer examiner recommends that the application be denied because there is little probability of making a significant discovery of manganese.

We concur in this recommendation.

C. H. King

Enc. Series

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

December 14, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
Mining Division
Date Rec'd. DEC 16 1954
BUREAU OF MINES
Denver, Colorado

Memorandum

To: W. H. King, Executive Officer, DMEA Field Team, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: Docket No. DMEA-3486 (Manganese), Pribby and Harvey, Hidden Treasure claims, Sevier County, Utah

Attached are the original and eight copies of an engineering report covering examination of the subject property for DMEA loan appraisal. Also included are the necessary copies of a separate section, Summary Conclusions and Recommendations, three copies each of forms 6-202 and 6-203, and a copy of the brochure. The property was examined by W. E. Young with R. W. Outerstock of the Survey.

Minor manganese mineralization occurs in volcanic rocks which appear to belong to the Bullion Canyon series of Tertiary age. Exposures indicate that the mineralization is far too low in grade to be considered significant. It appears unlikely that the proposed exploration will disclose mineralization of higher grade. The examining engineer recommends that the loan request be denied. I concur with this recommendation.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

December 14, 1954

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 3485, Messrs. Prisbys and Barney, Hidden Treasure Claims, Sevier County, Utah

Enclosed are 9 copies of a geologic report by R. W. Osterstock of the U. S. Geological Survey covering the above docket.

Messrs. Prisby, Prisby, Prisby, and Barney propose to explore for manganese ore on the Hidden Treasure claims, Sevier County, Utah, by a 200-foot drift and a 100-foot incline shaft.

A breccia zone along the footwall of a strong reverse fault in Bullion Canyon andesite porphyry contains iron and manganese oxides probably in the form of limonite and pyrolusite-psilomelane. A channel sample taken by the examining engineer assayed 1.2% Mn and 4.8% Fe.

Osterstock's recommendation for denial of the request for Government assistance is based on the insignificant manganese content of the outcrop of the deposit, on the conclusion that improvement in grade laterally or in depth is improbable, and on the lack of ore reserves. Although a lack of ore reserves is not a basis for denial of exploration assistance, it appears that Osterstock's conclusions are justified by the improbability of making a discovery of ore grade manganese on the Hidden Treasure claims.

E. M. Hankman
for A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (9)

Room 206 - 222 So. West Temple
Salt Lake City 1, Utah
December 9, 1954

To: E. E. Hagenbuch, Field Team, Region IV

From: R. W. Gutenstein

Subject: DMEA Docket 1485, Messrs. Bridges & Downey, Hidden Treasure Claims, Sevier County, Utah.

Enclosed are nine copies of a geologic report on the Hidden Treasure claims in Sevier County, Utah. Messrs. Bridges and Downey have applied for a DMEA loan to aid in exploration for manganese ore on the Hidden Treasure claims. A joint field examination was conducted by R. W. Gutenstein (RMOS) and W. E. Young (DMEA) September 30, 1954.

The claims are located in an area of andesite porphyry tentatively correlated with the Bullion Canyon Series of Tertiary age. A northeast striking, steeply northwest dipping fault and breccia zone contains much calcite and minor amounts of iron and manganese. The mineralized zone is too low grade to be of economic importance. There has been no production from the property. There are no ore reserves.

The applicant has proposed an exploration program consisting of 200 feet of drifting along the fault and 100 feet of incline shaft down the dip of the fault. Such a program does not appear to be warranted as there is no indication that ore grade material exists along this fault structure.

It is recommended that this loan application be denied on the grounds that there is little likelihood of encountering material of sufficient grade as to materially add to the nations reserves.

R. W. Gutenstein

RWG/rs
cc: S. R. Wilson

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

By E. W. Osterstock and W. E. Young

The Prisby and Barney partnership, owner of the Hidden Treasure manganese claims in Sevier County, Utah, has applied for a loan of $4,[illegible] to conduct underground exploration. The property was examined by BMEA personnel during September 1964.

The applicant has proposed a program consisting of 200 feet of lateral work and 100 feet of shaft sinking to explore a vein zone containing manganese and iron oxides. The zone strikes N. 40° E. and intersects andesite porphyry with flow structure. This rock is believed to belong to the Bullion Canyon series of Tertiary age.

Minor manganese mineralization is present in the vein, which follows a fault zone. A sample taken across an exposure in the zone assayed 1.2 percent manganese and 4.8 percent iron. It appears unlikely that additional exploration will uncover vein material of higher grade, inasmuch as the mineralization is probably of a low-intensity type. No reserves of ore are known on the property.

It is recommended that the loan request submitted by the Prisby-Barney partnership be denied. It is believed that exploration on the property will disclose only mineralization far too low grade to be commercially significant.

GEOLOGIC REPORT

DMEA PROJECT 3485 (Manganese)

Frisby, Frisby and Barney, Hidden Treasure Mine, Sevier County, Utah

INTRODUCTION

W. D. Frisby, L. W. Frisby, C. J. Frisby and J. Barney have applied for a DMEA loan to aid in exploration for manganese at their Hidden Treasure property in Sevier County, Utah.

A field examination was conducted September 30, 1954 by R. W. Gatenstech (USGS) and W. D. Young (USBM). The examiners were accompanied in the field by W. D. Frisby, one of the owners of the property.

Location and accessibility

The Hidden Treasure property is located in Section 27, T. 23 S., R. 3 W., SLB&M. The property may be reached by driving 2.4 miles south on an improved dirt road from Monroe, Utah, thence left (east) 0.6 miles on a primitive trail to the Martineau Irrigation Ditch. From this point the prospect lies southeast about one half mile and may be reached only by foot.

History and production

The Hidden Treasure Nos. 1, 2, 3, 4 and 5 claims are held by location by the applicants. There has been no production from the property.

GEOLOGY

The Hidden Treasure claims are located in the foothills on the northwest flank of Monroe Mountain. The only rock exposed in the prospect area is dark grey green to purplish grey, vesicular andesite porphyry with large (5-10mm) phenocrysts of unidentified feldspar, this unit is tentatively

associated with the Bullion Canyon andesite of Tertiary age. The volcanics exhibit flow structure and a parallel joint system with generally easterly strikes and gentle southerly dips. A slight elongation of the vesicles appears to roughly parallel the flow banding.

ORE DEPOSITS

A small westerly trending stream has cut into the Tertiary Bullion Canyon andesite porphyry to expose a northeast trending fault and breccia zone. The steeply northeast dipping reverse (?) fault may have had considerable movement as evidenced by the large attendant breccia zone, however, this cannot be proven as both the hanging and footwall rock types remain the same. The breccia zone, best developed on the hanging wall of the fault where it reaches a maximum thickness of 8 feet, shows some rounding fragments. Fine to coarse grained banded white calcite veinlets are developed in the breccia generally parallel to the fault. Minor silicification apparently was contemporaneous with the calcite. In the hanging wall of the fault and to a lesser extent in the footwall there has been weak alteration, the most prominent effect of which is bleaching of the andesite porphyry.

Along the fault and best exposed in the open cut on the Hidden Treasure No. 1 claim there is a zone about 3 feet wide which shows rusty iron and some manganese stain. Both iron and manganese occur as oxides probably as limonite and pyrolusite-psilomelane. A channel sample taken across this zone by the consulting MMPI engineer assayed 1.2 percent Mn and 4.8 percent Fe. It appears that the mineralization in the area is of a very low intensity type. The tenor of rock rock, which is believed to be representative of the deposit, does not approach ore grade nor is there reason to believe that the grade will improve back from the outcrop.

ORE RESERVES

There has been no production from the property. Although the fault zone which contains the mineralization appears to be persistent, the grade is too low to be of economic importance. Wide dissemination of the manganese present precludes the possibility of up grading by selective mining practice. The property is without ore reserves.

PROPOSED EXPLORATION

The applicant proposes to explore the mineralized fault zone by a 200 foot drift and a 100 foot incline shaft from the end of the drift down the dip of the fault. Such a program does not appear to be warranted as there are no ore reserves on the property nor is there reasonable chance of discovery of ore-grade material in this region of low intensity mineralization.

SUMMARY AND CONCLUSIONS

Messrs. W. D. Frisby, L. W. Frisby, C. J. Frisby and J. Downey, owners by location of the Hidden Treasure claims, Sevier County, Utah, have applied for a DMEA loan to aid in exploration for manganese on their property.

The Hidden Treasure claims are located low on the northwest flank of Monroe Mountain. The only rock exposed in the prospect area is andesite porphyry believed to be correlative with the Sullivan Canyon Series of Tertiary age. A persistent northwest striking, steeply northeast dipping fault and breccia zone now largely sealed by calcite veinlets has been found to contain small amounts of iron and manganese oxide. A chemical sample across the mineralized zone assayed 1.2 percent Mn and 4.8 percent Fe. The mineralization contained in the fault zone is too low grade to be of economic importance.

There is no reason to believe the grade will improve back from the outcrop. The property has had no production.

It is recommended that the applicant's request for a loan be denied on the grounds that the property has no ore reserves at present nor is there any likelihood of encountering rock of sufficient grade as to materially add to the national resources.

PRINCE AND BARNEY
HIDDEN TREASURE CLAIMS
SEVIER COUNTY, UTAH
DMRA-3486
Manganese

Engineering Report

By W. E. Young
Mining Engineer
Bureau of Mines

PRISBY AND BARNEY
HIDDEN TREASURE CLAIMS
SEVIER COUNTY, UTAH

CONTENTS

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History and production	3
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Proposed exploration	3
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ILLUSTRATIONS

Fig. 1 Location map, Prisby and Barney property, Hidden Treasure claims, Sevier County, Utah

SUMMARY

A field investigation of the Hidden Treasure group of claims, Sevier County, Utah, disclosed a vein containing minor manganese and iron in a gangue of calcite and travertine. The manganese content is so low the deposit is not of economic interest. It is recommended the loan application be denied.

INTRODUCTION

The Hidden Treasure manganese deposit, Sevier County, Utah, was examined September 20, 1954, by a geologist of the Geological Survey and an engineer of the Bureau of Mines. The examination was made at the request of the Field Team, Region IV, in response to an application from W. H. Prisby and partners for Government assistance in exploration. The applicant proposes to drive an adit 200 feet and sink an inclined shaft a depth of 150 feet. The estimated cost of the work is $4,552, of which Government participation at 75 percent would be $3,414.17.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

The property is located 2-1/2 miles south of Monroe, Utah, in section 27, T. 25 S., R. 3 W., S.L.B. & M. (fig. 1). The area of the claims covers the front of a mountain, locally called Monroe Mountain, a short distance above the valley floor. A few hundred feet of road construction will make the location accessible from the valley.

HISTORY AND PRODUCTION

The five claims in the group are held by right-of-location. There has been no production from the property. A small open cut has been excavated, exposing the vein at one place. No other work has been done on the property.

DESCRIPTION OF THE DEPOSIT

A vein zone, striking N. 40° E. and dipping steeply to the northwest, is exposed on each side of a small canyon. The zone intersects andesite flows and breccias which constitute the rocks of the area, and more or less parallels a major fault occurring along the valley front. It is probably sympathetic with, or is a branch of, the major fault.

The vein is composed principally of calcite and travertine with vugs filled with iron and manganese oxides. The association of minerals and field relationship indicates hot-spring action along a fracture. The average width of the vein material where exposed is less than 5 feet. A sample cut across the face of the cut assayed 1.2 percent manganese and 4.8 percent iron.

PROPOSED EXPLORATION

The applicant proposes to explore the mineralization by driving an adit 200 feet in a northeast direction along the vein, and by sinking an inclined shaft 100 feet at some point in the adit. Estimated costs for the work are $14.02 per foot for drifting and $18.57

per foot for sinking. Approximately 12 hours of bulldozer work at $10 per hour will be necessary to make the location accessible. The total cost of the project is estimated at $4,552. The applicant lists a breakdown of costs for labor and supplies. The total project cost shown by the applicant is much less than the summation of individual items of cost.

Based on indicated conditions and on average rates, the following is an estimate of costs:

Estimated time required to complete work - 75 days.

Labor and supervision

2 miners at $[illegible] per day, 75 days	$2,[illegible]
1 supervisor at $16 per day, 75 days	1,200

Operating equipment rental

1 bulldozer, 12 hours at $10 per hour	$ 120
1 compressor, 75 days at $5 per day	375
1 tugger hoist, 30 days at $3 per day	150

Supplies

Timber, 17,500 board feet at $100 per M	$1,750
Track, 200 feet 12-lb. track at $770 per M	154
Pipe, 250 feet 2-inch black pipe at $40 per C	100
Explosives, 500 feet at $2.10 per foot	250
Drill steel and bits, 300 feet at $1 per foot	300

Miscellaneous

Workmen's Compensation and Liability Insurance	$ 254
Assaying and engineering	200

Cost Summary

Labor and supervision	$4,200
Operating equipment rental	395
Supplies	2,924
Miscellaneous	704
Total	$8,423

CONCLUSIONS AND RECOMMENDATIONS

A fracture filled with calcite and travertine, containing vugs with manganese and iron oxides, occurs on the property known as the Hidden Treasure group of claims south of Monroe, Utah. The deposit is probably of hot-spring origin. The manganese content is so low that the deposit is not of economic importance. It appears unlikely that the grade will improve beyond the outcrop. It is therefore recommended that the application for a lease be denied.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1954

224 New Customhouse
Denver 2, Colorado

December 17, 1954

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 200

From: Field Team, Region IV

Subject: Report of Examination, DMEA Docket 3485, (Manganese)
Prisby and Barney, Hidden Treasure claims, Sevier County, Utah

Enclosed are four copies of the report of examination on the subject docket, a copy of the letter of denial to the applicants, and two copies of Form 3b.

W H King
W. H. King

for D R Macharen
E. N. Harshman

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1954

224 New Customhouse
Denver 2, Colorado

December 17, 1954

Messrs. W. S. Prisby, Cline J. Prisby
Laurence W. Prisby, and Joshua Barney
Joseph, Utah

Re: Docket DMEA 3465

Gentlemen:

Reference is made to your application for Government aid on the Hidden Treasure claims.

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

A careful study of your property and data available to this agency reveals that the probability of disclosing mineable reserves of manganese is not considered sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

Very truly yours,

W H King
W. H. King

for D R Macharen
E. N. Harshman

Field Team, Region IV

HMC:dm

Copy to: Cline J. Prisby
Laurence W. Prisby
Joshua Barney
Administrator
DMEA
SRWilson
ENHarshman
RWOsterstock
Mining Division
Chron

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

DEPARTMENT OF THE INTERIOR
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RECEIVED
DEC 27 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

224 New Customhouse
Denver 2, Colorado

December 17, 1954

Memorandum

To: DMEA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: Report of Examination, DMEA Docket 3485 (Manganese) Prisby and Barney, Hidden Treasure claims, Sevier County, Utah.

Enclosed are nine copies of the engineering report of examination on the subject docket.

The applicants requested $4,553.00 to sink a 100 foot shaft and perform 200 feet of lateral work.

The engineer examiner recommends that the application be denied because there is little probability of making a significant discovery of manganese.

We concur in this recommendation.

W. H. King

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

December 14, 1954

Mining Division
Date Rec'd.
DEC 19 1954
BUREAU OF MINES
Denver, Colorado

Memorandum

To: W. H. King, Executive Officer, DMEA Field Team, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: Docket No. DMEA-2488 (Manganese), Prisby and Harvey, Hidden Treasure claims, Sevier County, Utah

Attached are the original and eight copies of an engineering report covering examination of the subject property for DMEA loan appraisal. Also included are the necessary copies of a separate section, Summary Conclusions and Recommendations, three copies each of forms 9-208 and 6-208, and a copy of the brochure. The property was examined by V. Z. Young with E. W. Gatewood of the Survey.

Minor manganese mineralization occurs in volcanic rocks which appear to belong to the Bullion Canyon series of Tertiary age. Exposures indicate that the mineralization is far too low in grade to be considered significant. It appears unlikely that the proposed exploration will disclose mineralization of higher grade. The examining engineer recommends that the loan request be denied. I concur with this recommendation.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

IN REPLY REFER TO:

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

December 14, 1954

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 3485, Messrs. Prisbys and Barney, Hidden Treasure Claims, Sevier County, Utah

Enclosed are 9 copies of a geologic report by R. W. Osterstock of the U. S. Geological Survey covering the above docket.

Messrs. Prisby, Prisby, Prisby, and Barney propose to explore for manganese ore on the Hidden Treasure claims, Sevier County, Utah, by a 200-foot drift and a 100-foot incline shaft.

A breccia zone along the footwall of a strong reverse fault in Bullion Canyon andesite porphyry contains iron and manganese oxides probably in the form of limonite and pyrolusite-psilomelane. A channel sample taken by the examining engineer assayed 1.2% Mn and 4.8% Fe.

Osterstock's recommendation for denial of the request for Government assistance is based on the insignificant manganese content of the outcrop of the deposit, on the conclusion that improvement in grade laterally or in depth is improbable, and on the lack of ore reserves. Although a lack of ore reserves is not a basis for denial of exploration assistance, it appears that Osterstock's conclusions are justified by the improbability of making a discovery of ore grade manganese on the Hidden Treasure claims.

E. M. Hawkins
for A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (9)

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

Room 205 - 222 So. West Temple
Salt Lake City 1, Utah
December 9, 1954

To: E. N. Hershman, Field Team, Region IV

From: R. W. Outerstock

Subject: DMEA Docket 3485, Messrs. Prisbye & Barney, Hidden Treasure Claims, Sevier County, Utah.

Enclosed are nine copies of a geologic report on the Hidden Treasure claims in Sevier County, Utah. Messrs. Prisbye and Barney have applied for a DMEA loan to aid in exploration for manganese ore on the Hidden Treasure claims. A joint field examination was conducted by R. W. Outerstock (USGS) and W. B. Young (USBM) September 30, 1954.

The claims are located in an area of andesite porphyry tentatively correlated with the Bullion Canyon Series of Tertiary age. A northeast striking, steeply northwest dipping fault and breccia zone contains much calcite and minor amounts of iron and manganese. The mineralized zone is too low grade to be of economic importance. There has been no production from the property. There are no ore reserves.

The applicant has proposed an exploration program consisting of 200 feet of drifting along the fault and 100 feet of incline shaft down the dip of the fault. Such a program does not appear to be warranted as there is no indication that ore grade material exists along this fault structure.

It is recommended that this loan application be denied on the grounds that there is little likelihood of encountering material of sufficient grade as to materially add to the nation's reserves.

R. W. Outerstock

RWO/rs
cc: S. R. Wilson

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

By R. W. Osterstock and W. E. Young

The Prisby and Barney partnership, owner of the Hidden Treasure manganese claims in Sevier County, Utah, has applied for a loan of $4,553 to conduct underground exploration. The property was examined by DMEA personnel during September 1954.

The applicant has proposed a program consisting of 200 feet of lateral work and 100 feet of shaft sinking to explore a vein zone containing manganese and iron oxides. The zone strikes N. 40° E. and intersects andesite porphyry with flow structure. This rock is believed to belong to the Bullion Canyon series of Tertiary age.

Minor manganese mineralization is present in the vein, which follows a fault zone. A sample taken across an exposure in the zone assayed 1.2 percent manganese and 4.8 percent iron. It appears unlikely that additional exploration will uncover vein material of higher grade, inasmuch as the mineralization is probably of a low-intensity type. No reserves of ore are known on the property.

It is recommended that the loan request submitted by the Prisby-Barney partnership be denied. It is believed that exploration on the property will disclose only mineralization far too low grade to be commercially significant.

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

GEOLOGIC REPORT

DMEA DOCKET 3485 (Manganese)

Prisby, Prisby and Barney, Hidden Treasure Mine, Sevier County, Utah

INTRODUCTION

W. B. Prisby, L. W. Prisby, C. J. Prisby and J. Barney have applied for a DMEA loan to aid in exploration for manganese at their Hidden Treasure property in Sevier County, Utah.

A field examination was conducted September 30, 1954 by R. W. Osterstock (USGS) and W. B. Young (USBM). The examiners were accompanied in the field by W. B. Prisby, one of the owners of the property.

Location and accessibility

The Hidden Treasure property is located in Section 27, T. 25 S., R. 3 W., SLB&M. The property may be reached by driving 2.4 miles south on an improved dirt road from Monroe, Utah, thence left (east) 0.6 miles on a primitive trail to the Bertlesen Irrigation Ditch. From this point the prospect lies southeast about one half mile and may be reached only by foot.

History and production

The Hidden Treasure Nos. 1, 2, 3, 4 and 5 claims are held by location by the applicants. There has been no production from the property.

GEOLOGY

The Hidden Treasure claims are located in the foothills on the northwest flank of Monroe Mountain. The only rock exposed in the prospect area is dark gray green to purplish gray, vesicular andesite porphyry with large (5-10mm) phenocrysts of unidentified feldspar, this unit is tentatively

Reviewed by
DMEA OPERATING COMMITTEE

12-29-54
(date)

correlated with the Bullion Canyon andesite of Tertiary age. The volcanics exhibit flow structure and a parallel joint system with generally easterly strikes and gentle southerly dips. A slight elongation of the vesicles appears to roughly parallel the flow banding.

ORE DEPOSITS

A small westerly trending stream has cut into the Tertiary Bullion Canyon andesite porphyry to expose a northeast trending fault and breccia zone. The steeply northwest dipping reverse (?) fault may have had considerable movement as evidenced by the large attendant breccia zone, however, this cannot be proven as both the hanging and footwall rock types remain the same. The breccia zone, best developed on the hanging wall of the fault where it reaches a maximum thickness of 8 feet, shows some rounding fragments. Fine to coarse grained banded white calcite veinlets are developed in the breccia generally parallel to the fault. Minor silicification apparently was contemporaneous with the calcite. In the hanging wall of the fault and to a lesser extent in the footwall there has been weak alteration, the most prominent effect of which is bleaching of the andesite porphyry.

Along the fault and best exposed in the open cut on the Hidden Treasure No. 1 claim there is a zone about 3 feet wide which shows much iron and some manganese stain. Both iron and manganese occur as oxides probably as limonite and pyrolusite-psilomelane. A channel sample taken across this zone by the examining USBM engineer assayed 1.2 percent Mn and 4.8 percent Fe. It appears that the mineralization in the area is of a very low intensity type. The tenor of such rock, which is believed to be representative of the deposit, does not approach ore grade nor is there reason to believe that the grade will improve back from the outcrop.

ORE RESERVES

There has been no production from the property. Although the fault zone which contains the mineralization appears to be persistent, the grade is too low to be of economic importance. Wide dissemination of the manganese present precludes the possibility of up grading by selective mining practice. The property is without ore reserves.

PROPOSED EXPLORATION

The applicant proposes to explore the mineralized fault zone by a 200 foot drift and a 100 foot incline shaft from the end of the drift down the dip of the fault. Such a program does not appear to be warranted as there are no ore reserves on the property nor is there reasonable chance of discovery of ore-grade material in this region of low intensity mineralization.

SUMMARY AND CONCLUSIONS

Messrs. W. B. Prisby, L. W. Prisby, C. J. Prisby and J. Barney, owners by location of the Hidden Treasure claims, Sevier County, Utah, have applied for a DMEA loan to aid in exploration for manganese on their property.

The Hidden Treasure claims are located low on the northwest flank of Monroe Mountain. The only rock exposed in the prospect area is andesite porphyry believed to be correlative with the Bullion Canyon Series of Tertiary age. A persistent northeast striking, steeply northwest dipping fault and breccia zone now largely sealed by calcitic veinlets has been found to contain small amounts of iron and manganese oxide. A channel sample across the mineralized zone assayed 1.2 percent Mn and 4.8 percent Fe. The mineralization contained in the fault zone is too low grade to be of economic importance.

There is no reason to believe the grade will improve back from the outcrop. The property has had no production.

It is recommended that the applicant's request for a loan be denied on the grounds that the property has no ore reserves at present nor is there any likilihood of encountering rock of sufficient grade as to materially add to the national resources.

PRISBY AND BARNEY
HIDDEN TREASURE CLAIMS
SEVIER COUNTY, UTAH
DMEA-3485
Manganese

Engineering Report

By W. E. Young
Mining Engineer
Bureau of Mines

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

PRISBY AND BARNEY
HIDDEN TREASURE CLAIMS
SEVIER COUNTY, UTAH

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ILLUSTRATIONS

Fig. 1 Location map, Prisby and Barney property, Hidden Treasure claims, Sevier County, Utah

Reviewed by
DMEA OPERATING COMMITTEE
12-29-54
(date)

SUMMARY

A field investigation of the Hidden Treasure group of claims, Sevier County, Utah, disclosed a vein containing minor manganese and iron in a gangue of calcite and travertine. The manganese content is so low the deposit is not of economic interest. It is recommended the loan application be denied.

INTRODUCTION

The Hidden Treasure manganese deposit, Sevier County, Utah, was examined September 30, 1954, by a geologist of the Geological Survey and an engineer of the Bureau of Mines. The examination was made at the request of the Field Team, Region IV, in response to an application from W. B. Prisby and partners for Government assistance in exploration. The applicant proposes to drive an adit 200 feet and sink an inclined shaft a depth of 100 feet. The estimated cost of the work is $4,553, of which Government participation at 75 percent would be $3,414.17.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

The property is located 2-1/2 miles south of Monroe, Utah, in section 27, T. 25 S., R. 3 W., S.L.B. & M. (fig. 1). The area of the claims covers the front of a mountain, locally called Monroe Mountain, a short distance above the valley floor. A few hundred feet of road construction will make the location accessible from the valley.

HISTORY AND PRODUCTION

The five claims in the group are held by right-of-location. There has been no production from the property. A small open cut has been excavated, exposing the vein at one place. No other work has been done on the property.

DESCRIPTION OF THE DEPOSIT

A vein zone, striking N. 40° E. and dipping steeply to the northwest, is exposed on each side of a small canyon. The zone intersects andesite flows and breccias which constitute the rocks of the area, and more or less parallels a major fault occurring along the valley front. It is probably sympathetic with, or is a branch of, the major fault.

The vein is composed principally of calcite and travertine with vugs filled with iron and manganese oxides. The association of minerals and field relationship indicates hot-spring action along a fracture. The average width of the vein material where exposed is less than 5 feet. A sample cut across the face of the cut assayed 1.2 percent manganese and 4.8 percent iron.

PROPOSED EXPLORATION

The applicant proposes to explore the mineralization by driving an adit 200 feet in a northeast direction along the vein, and by sinking an inclined shaft 100 feet at some point in the adit. Estimated costs for the work are $14.02 per foot for drifting and $18.67

per foot for sinking. Approximately 12 hours of bulldozer work at $10 per hour will be necessary to make the location accessible. The total cost of the project is estimated at $4,553. The applicant lists a breakdown of costs for labor and supplies. The total project cost shown by the applicant is much less than the summation of individual items of cost.

Based on indicated conditions and on average rates, the following is an estimate of costs:

Estimated time required to complete work - 75 days.

Labor and supervision

2 miners at $20 per day, 75 days	$3,000
1 supervisor at $16 per day, 75 days	1,200

Operating equipment rental

1 bulldozer, 12 hours at $10 per hour	$ 120
1 compressor, 75 days at $5 per day	375
1 tugger hoist, 33 days at $3 per day	100

Supplies

Timber, 17,200 board feet at $100 per M	$1,720
Track, 200 feet 12-lb. track at $770 per M	154
Pipe, 300 feet 2-inch black pipe at $40 per C	120
Explosives, 300 feet at $2.10 per foot	630
Drill steel and bits, 300 feet at $1 per foot	300

Miscellaneous

Workmen's Compensation and Liability Insurance	$ 504
Assaying and engineering	200

Cost Summary

Labor and supervision	$4,200
Operating equipment rental	595
Supplies	2,924
Miscellaneous	704
Total	$8,423

CONCLUSIONS AND RECOMMENDATIONS

A fracture filled with calcite and travertine, containing vugs with manganese and iron oxides, occurs on the property known as the Hidden Treasure group of claims south of Monroe, Utah. The deposit is probably of hot-spring origin. The manganese content is so low that the deposit is not of economic importance. It appears unlikely that the grade will improve beyond the outcrop. It is therefore recommended that the application for a loan be denied.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 13 1954

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. 3485 3865
Metal or Mineral MANGANESE
Date Received
Estimated Cost $4,553
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: W. B. Prisby, L. W. Prisby CLINE, J. Prisby ALL OF JOSEPH, UTAH JOSH, BARNEY R.F.D MONROE UTAH

(*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 HEDD BY LOCATION LOCATION NOTICE RECORDED IN BOOK 8 PAGE 583 SEVIER CO. COURT HOUSE AT RICHFIELD, UTAH.

(*b*) State any mine name by which the property is known. Hidden TREASURE

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise EACH PERSON LISTED ABOVE HOLDS 25% intrest IN CLAIM.

(*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.

(*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.

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

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

(*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.

(*c*) The work will start within 10 days and be completed within 5 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.

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.).

(*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.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*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.

(*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.

(*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.

(*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.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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)?

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

☐ Money ☒ Use of equipment owned by you ☒ Other LABOR

Explain in detail on acompanying paper.

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 JULY 16, 1954

JOSH. BARNEY. W B. Prisby
L.W. Prisby, GLINES Prisby.
(Applicant)

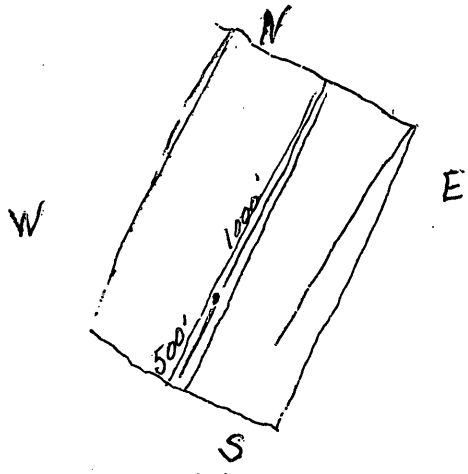
By W B Prisby
JOSEPH UTAH

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

...of the Interior
...Minerals Administration
RECEIVED
SEP 13 1954

Sec. 4 (A)



There was a shaft sunk to (30) thirty feet some time ago, but it was filled by a flood. The vein outcrop on the face of hill showing width of vein and the kind of material on each side of vein, it is a contact vein and can be examined any time.

(B) There has been no production in past

(C) It is a contact fisure vein with granite on foot wall side and porphory on the hanging wall side of vein. The vein has a north east strike and dips to west about 80 degrees. The vein shows strong mineralization of manganese and iron oxide and has a strong possibility of copper; the reason I would like to explore is it looks like a number one prospect to me.

(D) It is handy to get to. Can get a car within a half-mile of prospect, shipping point four(4) miles, two (2) miles to supply base and residence.

(E) There is plenty of man power, materials, supplies, equipment, water and power within two miles of prospect.

Sec. 5 (B) - We would like to start at discovery monument and run a drift about two hundred (200) feet along the vein, then follow the most likely place down with an incline shaft and see what it would show with a depth of one hundred (100) feet.

(C) & (D) - W. B. Prisby, C. J. Prisby and L. W. Prisby have all had considerable experience in mine work. I supose W. B. Prisby would supervise the project. We have opened up three different ore deposits to date.

Sec. 6 - Estimate of costs:

Compressor hire		$5.00	per day
Supervisor	$2.00 per hour	16.00	" "
Two Miners	$3.00 " "	24.00	" "
Fuel for compressor		1.00	" "
Rails per foot of tunnel	90¢ per foot	3.80	" "
Air pipe per day	36¢ per foot	1.00	" "
Powder, caps and fuse		2.80	" "
Drill steel and repairs		.50	" "
Social security fees		2.00	" "
Estimated total cost per day		56.10	" "
Est. Cost per foot of tunnel		14.02	" "
Est. Cost per foot of encline tunnel		18.67	" "

Above is the estimated cost per foot of tunnel if it is not necessary to timber tunnel.

(A) None.

(B) I have given an itemixed cost of labor under Sec. 6.

(C) A compressor would be the only power we would need. There would not be any items of equipment costing less than $50.00 except picks, shovels, and drill steel. It would take about ten (10) gals. of water per day and three (3) gals. of fuel per day.

(D) Operating equipment

One compressor to be rented

two jack hammers, one mine car, water and air hose.

One water tank, drill steel, picks and shovels would be furnished by the operators.

(E) There would be Rehabilitation expences.

(F) There would be no new buildings or installations necessary. We would have to hire a bulldozer for about twelve (12) hours at a cost of $10.00 per hour to make a road to the prospect.

(G) Misce. - There would not be any repaires on equipment, more than to buy a few pieces of new steel and steel sharpening which would run about $75.00 for the project which we have outlined here. The supervisor could take care of analytical work and accounting.

Sec. 6 (I) - Workmans compensation and employers liability insurance and payroll taxes. I have taken care of these items on other jobs.

(H) - Contingencies - I have not put in any cost for Geogolist. I don't think it would be hard to follow a well defined vein. We would like to run a two hundred (200) foot drift along the strike of the vein then an incline shaft about 100 feet on the dip of the vein.

Estimated cost of two hundred (200) feet of tunnel	$2732.00
Estimated cost of one hundred (100) feet of incline	1821.00
Estimated cost of labor and material per day	51.80
Estimated cost per foot of tunnel	12.95
Estimated cost per foot of incline shaft	18.21
Estimated cost of project	4553.00

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
SEP 13 1954

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. .....
Metal or Mineral .....
Date Received .....
Estimated Cost .....
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: Elmer J. Prisby Joseph Utah
Lawrence W. Prisby Joseph Utah
Joshua Barney Box 84, Marysvale Utah
W. B. Prisby Joseph Utah A Partnership

(*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 25S. Range 3 West Section 27 Sevier County, Utah. These Mining Claims are 2½ miles South of Monroe Utah. Recorded in Book 8 Page 247. Claim #2 and #4 are Recorded in Book 9 Page 242, Claim #5 recorded on Book 9 Page 243. Recorded in County Court House in Richfield Utah. These Claims are held by Possession

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Each Partner holds a fifty on my Claims.

(*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.

(*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.

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.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*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.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

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

(*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.

(*c*) The work will start within 10 days and be completed within 4 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.

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.).

(*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.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*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.

(*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.

(*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.

(*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.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

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)?

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

☐ Money ☒ Use of equipment owned by you ☒ Other Labor

Explain in detail on acompanying paper.

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 Sept 5, 1954

W. B. Pugsley Joseph Utah
Geo. Pugsley Joseph Utah
Laurence W Pugsley Joseph
Jack Berry Box 8 Marysvale Utah
(Applicant)

By W. B. Pugsley

Jack Berry

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

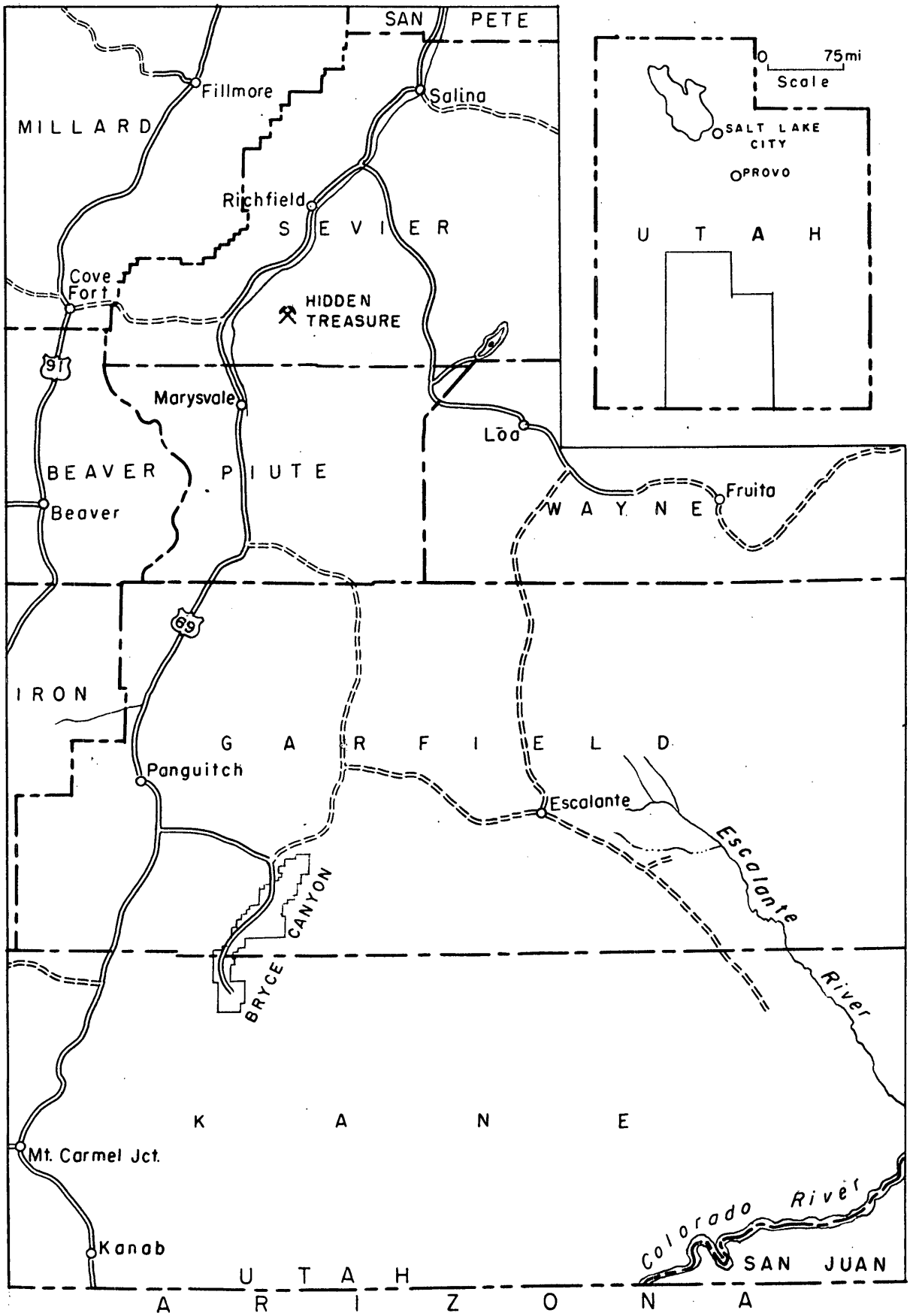


FIG. 1 INDEX MAP OF UTAH

0 5 10 15 20 mi.
Scale

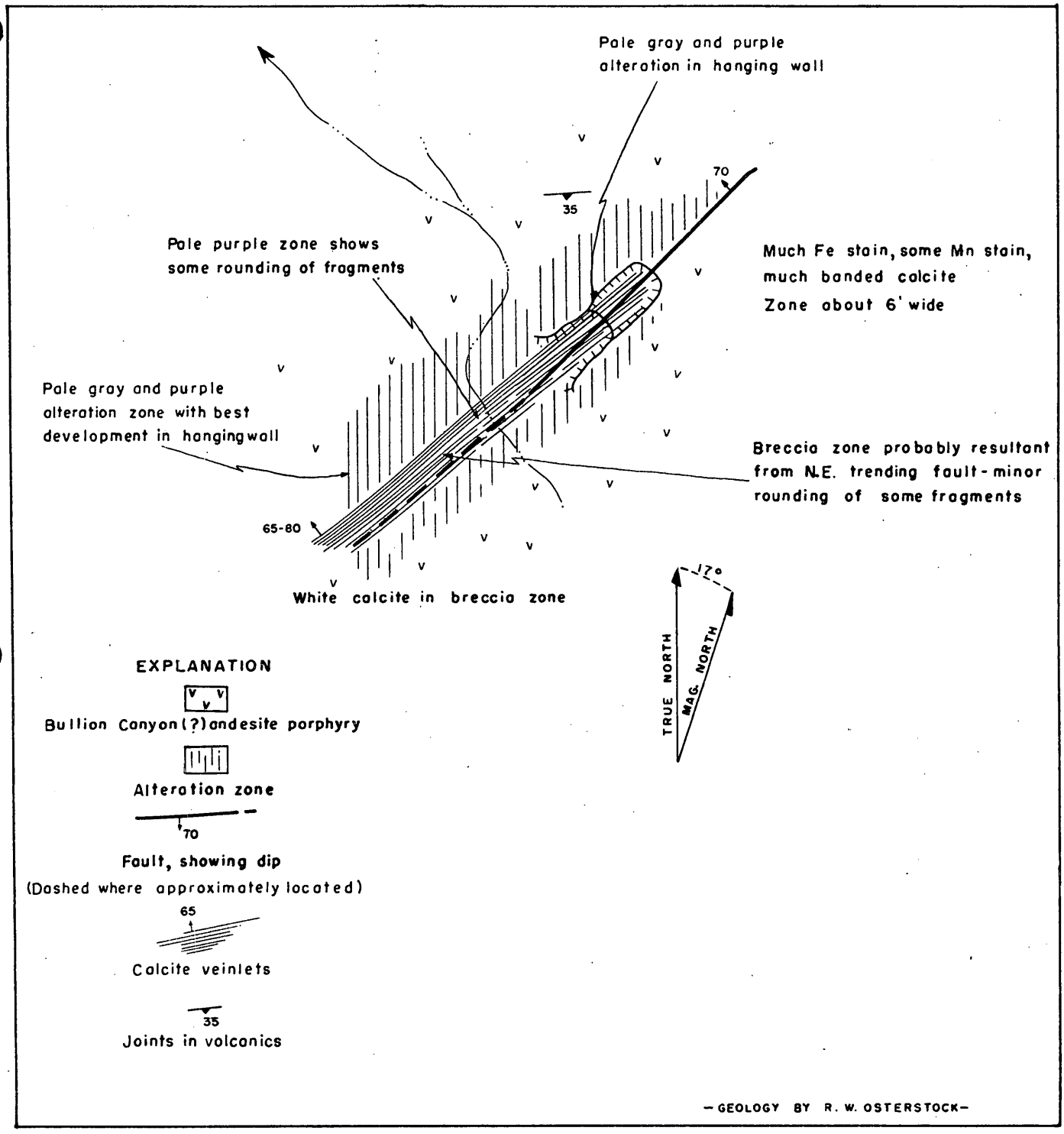


FIG. 2

GEOLOGIC SKETCH MAP OF HIDDEN TREASURE CLAIM
SEVIER COUNTY, UTAH

0 20 40 Feet
Scale

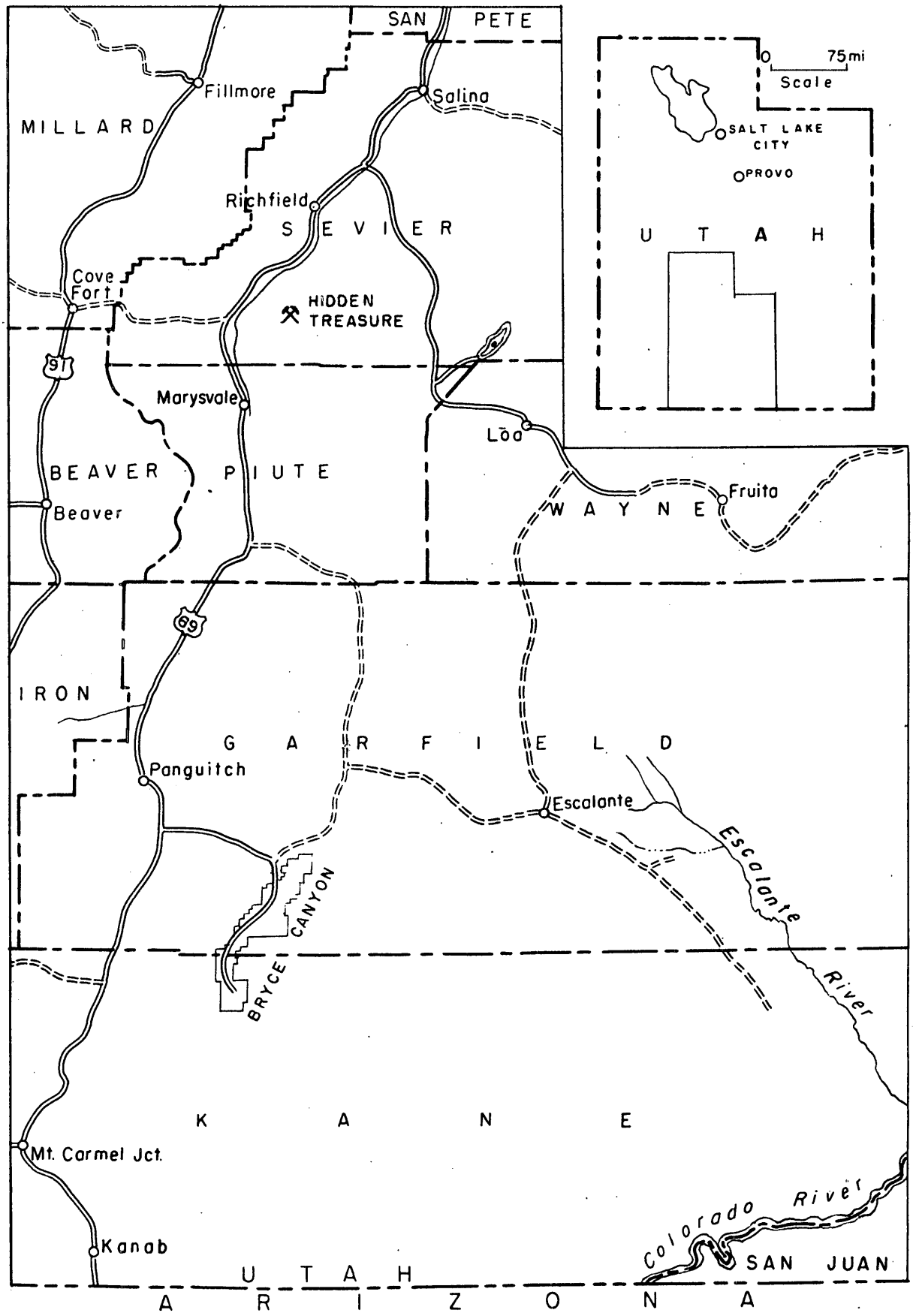


FIG. 1 INDEX MAP OF UTAH

0 5 10 15 20 mi.
Scale

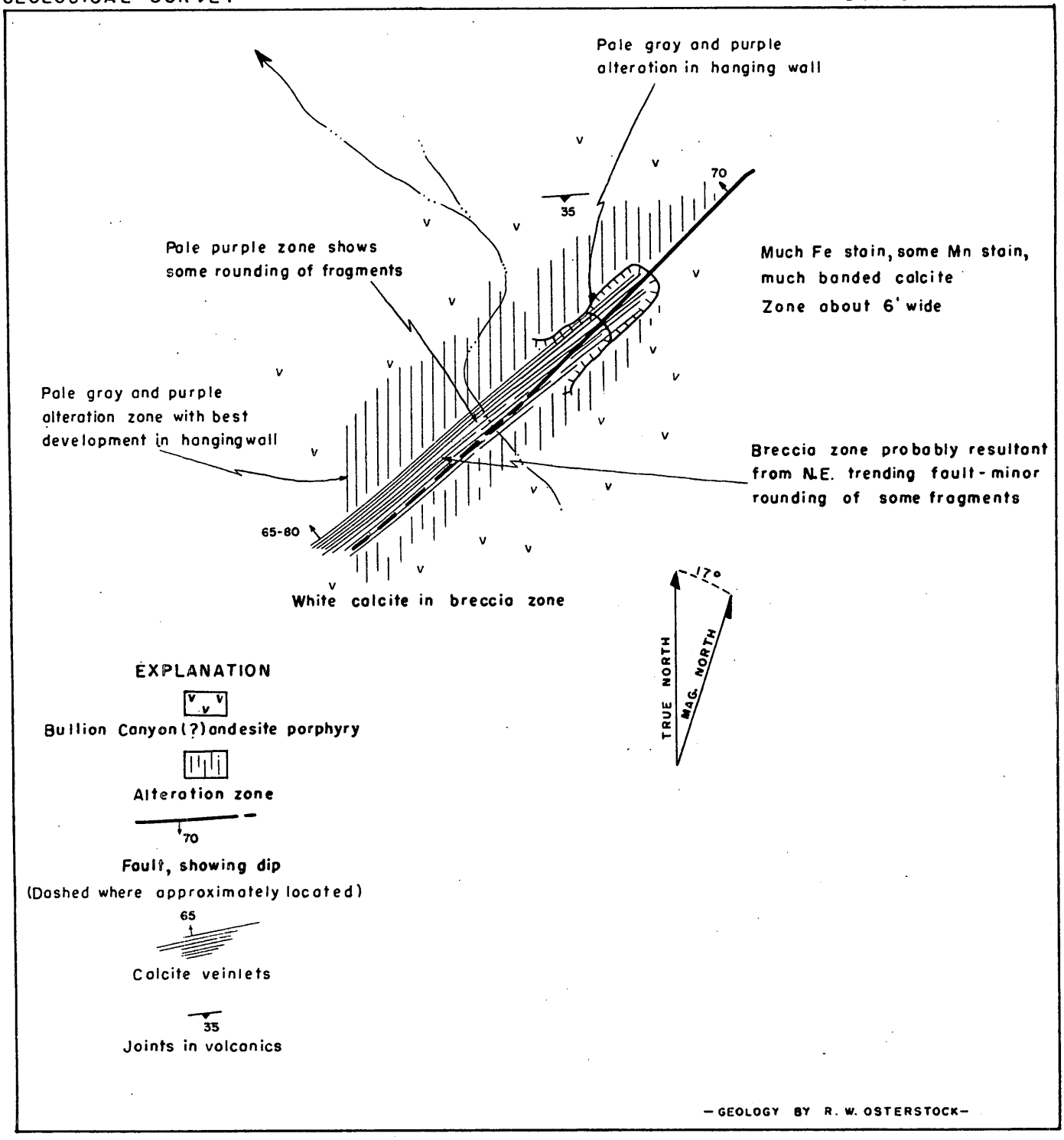
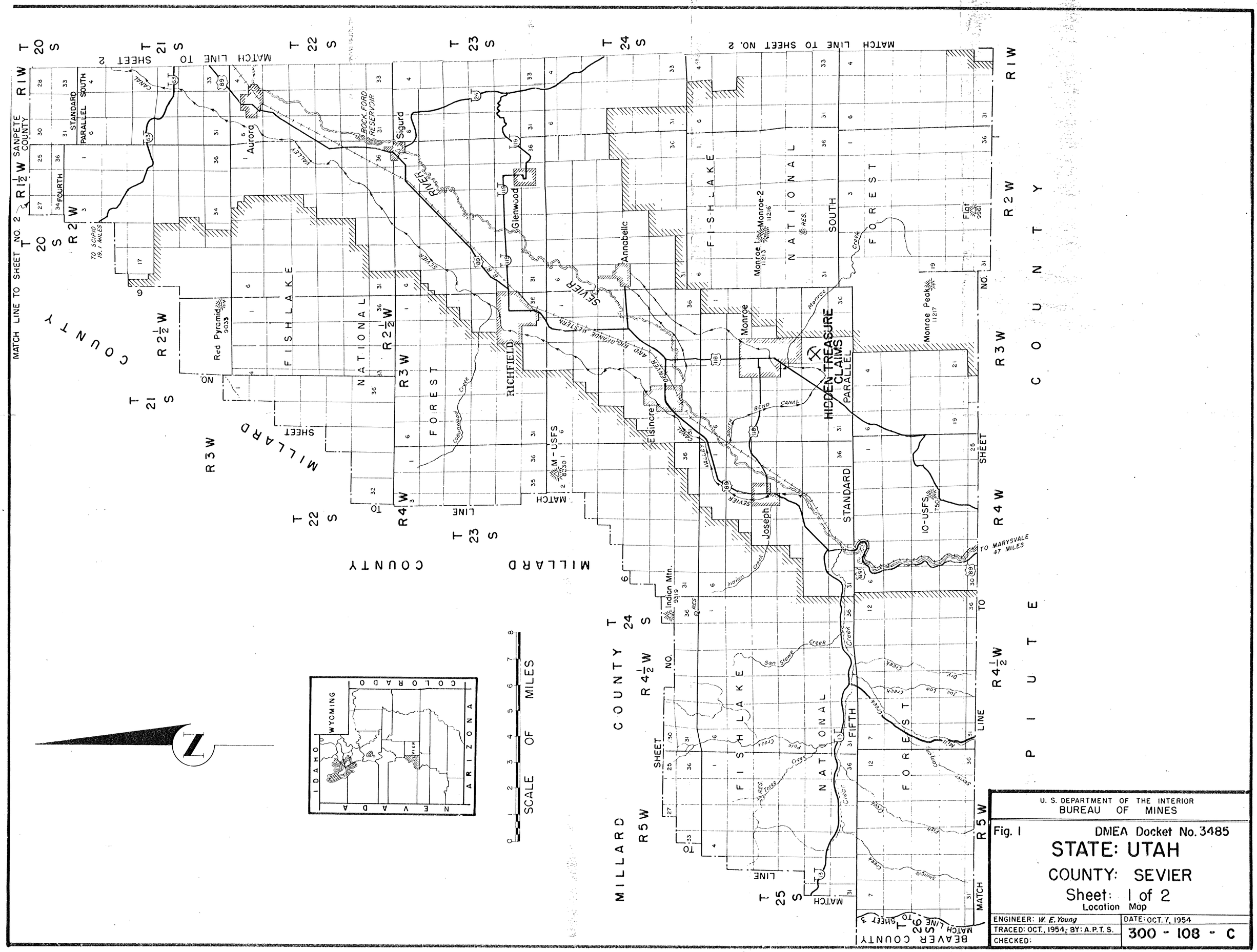


FIG. 2

GEOLOGIC SKETCH MAP OF HIDDEN TREASURE CLAIM
SEVIER COUNTY, UTAH

0 20 40 Feet
Scale



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1

DMEA Docket No. 3485

STATE: UTAH

COUNTY: SEVIER

Sheet: 1 of 2

Location Map

ENGINEER: W. E. Young	DATE: OCT. 7, 1954
TRACED: OCT., 1954; BY: A.P.T.S.	300 - 108 - C
CHECKED:	