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

224 New Customhouse
Denver, Colorado

Air Mail

September 11, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 1555X, Ace High Claims, Slavonia Development Company, Routt County, Colorado

Enclosed are original and two copies of the above report.

The geologist recommends that the application for an exploration grant be denied. We concur with this recommendation.

J. H. East, Jr.

J. H. East, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Administration
200 New Customhouse
Denver 2, Colorado

September 10, 1951

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 1555X, Ace High Claims, Slavonia Development Company, Routt County, Colorado

Attached are 8 copies of the geologic report covering the Ace High Claims, Slavonia Development Co., Routt County, Colo., by Truman H. Kuhn of the U. S. Geological Survey. The Company has applied for a loan of $100,000 to explore for uranium and zinc ore on their group of claims. Mr. Kuhn was accompanied by John W. Adams of the Geological Survey, Mineral Deposits Reconnaissance Group, to make radioactivity determinations on the property.

No significant radioactivity was detected on the dump or in the underground workings, and chemical analysis of one sample shows only 0.001 per cent uranium and 0.000 per cent eU.

No zinc ore of commercial grade was found, and the geologic conditions are unfavorable for discovery of significant ore bodies. Mr. Kuhn, therefore, recommends that the loan be denied.

I concur with his recommendation.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Attachments (8)

ACE HIGH CLAIMS

SLAVONIA DEVELOPMENT COMPANY

ROUTT COUNTY, COLORADO

DMA DOCKET 1555X

Geology and Ore Reserves

Truman H. Kuhn, geologist
U. S. Geological Survey

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ACE HIGH CLAIMS
SLAVONIA DEVELOPMENT COMPANY
ROUTT COUNTY, COLORADO

INTRODUCTION

The Slavonia Development Company--John A. Utterback, Steamboat Springs, Colorado, President; and George Feltner, Box 4207, South Denver Station, Denver 9, Colorado, Secretary--has applied for a $100,000.00 loan to explore for uranium and zinc on their group of claims in Routt County, Colorado. This group of claims formerly was known as the Fall River Group.

The property, consisting of 5 unpatented mining claims, is in either the northern portion of section 31 or the southern portion of section 30, T. 10 N., R. 82 W., Routt County, Colorado. The claims are in the Park Range, near the headwaters of Gold Creek, a tributary of the Elk River, at an elevation of approximately 10,500 feet.

The property is approximately 25 airline miles northeast of Steamboat Springs, Colorado, and approximately 4 airline miles northeast of Slavonia. Slavonia can be reached from Steamboat Springs by way of State Highway 129 to Clark, and then east on Routt County Highway 64. The property is approximately 6 miles from Slavonia over a poor and unmarked horse trail up Gold Creek.

The claims were visited on July 31, 1951, accompanied by John W. Adams, geologist for Mineral Deposits Reconnaissance Group, U. S. Geological Survey. John A. Utterback, a veterinarian at Steamboat Springs and

president of the Slavonia Development Company, acted as guide. Delays, caused by Dr. Utterback, limited the visit to the claims to only 2 hours. During those 2 hours, the dump and underground workings were examined, but very little time was devoted to surface examination.

GEOLOGY

The rocks in the vicinity of the Slavonia Development Company's claims are in the Park Range pre-Cambrian complex of schist, gneiss, pegmatite, and granite. Underground workings on the Ace High No. 1 claim are completely within a quartz-amphibole-biotite schist.

At the Ace High No. 1 claim, the sulphide mineralization has been localized by minor fractures paralleling the almost vertical structure of the schist. In general, the fractures are tight, but in places as much as two feet of broken rock was noted. Locally, within the fracture zones, are small, isolated pods, masses, and grains of pyrite and sphalerite and lesser amounts of pyrrhotite and galena.

URANIUM

No significant radioactivity was detected by John W. Adams on the dump or in the underground workings of the Ace High No. 1 claim.

A sample taken from the brest of the adit contained 0.001 per cent uranium and 0.000 per cent eU.

ZINC

The brest of the adit on the Ace High No. 1 claim was indicated by Dr. Utterback as being the most promising mineralized zone. A 4 foot

sample across the face assayed:

Lead %	Zinc %	Gold oz.	Silver oz.
<0.1	2.15	<0.005	0.2

In the vicinity of the face, several fractures following the schistosity are present. For the most part, these fractures are minor, short, tight, and not consistantly mineralized. Sulphide minerals, where found, were in small, discontinuous masses.

ORE RESERVES

No mineable reserves have been blocked out. Based on evidence seen on the surface and underground, no possible reserves can be inferred from geological evidence.

CONCLUSIONS AND RECOMMENDATIONS

No economically mineable uranium or zinc can be expected from this group of claims.

Building a truck road to the claims would be difficult and expensive. At one time a wide trail apparently led to the property, but now that trail is almost obliterated. The construction of portions of a road would involve heavy blasting, and because of water and marshy land, other portions of the road would require relatively heavy rock fill. Several bridges would be required. A road, if built, must be reconstructed in part each summer.

Because of lack of possible ore and the extreme inaccessibility of the property, it is recommended that the application for a $100,000.00

loan to explore the claims of the Slavonia Development Company for uranium and zinc (DMA Docket 1555X) be denied.

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

Dm A

REGIONAL DIRECTOR'S OFFICE REGION IV
OCT 1 1951
SEP 27 1951
BUREAU OF MINES
DENVER, COLORADO

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Yours very truly,

WOM

Tom Lyon

[illegible]

[illegible]

[illegible]/ch 9-21-51

cc: [illegible] Mailing File
Lyon
Fourmet
Keller - [illegible]
Hopted
[illegible] Team [illegible]
[illegible] Jobbot File

Copy for [illegible]

[illegible]

[illegible]

6-303
(March 1947)

cc: P. T. Allsman
W. M. Traver, Jr.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Salt Lake City, Utah

Mining Division
Date Rec'd.
AUG 16 1951
BUREAU OF MINES
Denver, Colorado

No. 14

Report to Mr. C. M. Harrer

Chemical Laboratory Report

Date received Aug. 10, 1951

Date reported Aug. 15, 1951

Serial No.	DESCRIPTION	Lot No.	Au	Ag	Pb	Zn							
	DMA-1555X, Slavonia Development Co. Ace High Claim, Routt County, Colo.												
97617		K-1	<.005	0.2	<.1	2.15							

U. S. GOVERNMENT PRINTING OFFICE 16—33553-3

Signed H. E. Peterson

[illegible] Mar Centennial
Denver, Colorado

Air Mail

September 11, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 15552, Ace High Claims, Slavonia Development Company, Routt County, Colorado

Enclosed are original and two copies of the above report.

The geologist recommends that the application for an exploration grant be denied. We concur with this recommendation.

J. H. Eccleston

J. H. East, Jr.

A. H. Koechmann

A. H. Koechmann

Enclosures

JHE:oj
cc: DMA Subject and Chron.

dd

Building 2-A, Denver Federal Center

S. R. Zimmerley, Chief
Salt Lake Experiment Station
Chief, Colorado Branch, Mining Division

August 7, 1951

Sample Shipment

Enclosed herewith are the original and memorandum copy of government bill of lading IN-93944 covering a shipment of samples via Pacific Intermountain Express on the following properties:

Slavonia Development Company (DMA-1555X), 1 sample
Ace High Claim, Routt County, Colorado

Criterion Mining Company (DMA-1472X), 6 samples
Sec. 3, T. 9 S., R. 78 W., Park County, Colorado

Enclosed also are the corresponding Forms 7353, in triplicate, indicating the assays desired for each group of samples.

Inasmuch as these are DMA samples, it will be appreciated if you will expedite assay returns as much as possible.

M. M. Traver, Jr.

enclosures

cc PTAllsman
DMA-1555X (2)
DMA-1472X (2)
DMA-Chron.

July 30, 1951

Hon. Eugene D. Millikin
United States Senate
Washington, D. C.

My dear Senator Millikin:

This will acknowledge receipt of your letter dated July 25, 1951, regarding the Slavonia Development Company of South Denver, with reference to their Defense Minerals Administration application, 1555X.

I am pleased to advise you that the Geological Survey plans to make the preliminary examination this week.

Yours very truly,

J. H. East, Jr.
Regional Director

Jd

cc: Director's Reading File
DMA

July 30, 1951

Hon. Ed C. Johnson
United States Senate
Washington, D. C.

My dear Senator Johnson:

This will acknowledge receipt of your letter dated July 25, 1951, regarding the Slavonia Development Company of South Denver, with reference to their Defense Minerals Administration application, 1555X.

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Yours very truly,

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Regional Director

ld

cc: Director's Reading File
DMA

WALTER F. GEORGE, GA., CHAIRMAN
TOM CONNALLY, TEX.
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ELIZABETH B. SPRINGER, CHIEF CLERK

United States Senate

COMMITTEE ON FINANCE

July 25, 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUL 30 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. J. H. East, Jr.,
Regional Director of the Bureau of Mines
224 New Customhouse
Denver, Colorado

Dear Mr. East:

The Slavonia Development Company, Box 4207, South Denver Station, has written to us stating that they have an application DM-1555X before the Defense Minerals Administration. The Defense Minerals Administration in Washington states they do not have this application.

We will appreciate it if you will advise us if the application is in the Denver Office and the status of the application.

Sincerely,

Ed C. Johnson

Ed C. Johnson, U. S. S.

Eugene D. Millikin, U. S. S.

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

224 New Customhouse
Denver, Colorado

June 28, 1951

Memorandum

To: A. H. Koschmann (with brochure)

P. T. Allsman

From: DMA Field Team, Region IV

Subject: DMA Docket 1555X, Slavonia Development Co.

Attached is brochure covering the above docket and the "Review" made in the Washington DMA office. It is suggested that a radiometric survey of the property be made, and the prospects for lead and zinc should also be considered. Please make the necessary field investigation and report.

P. T. Allsman, Alternate

A. H. Koschmann
A. H. Koschmann

Attachments

P. S. Your attention is directed to the section on Fissionable Materials in the attached copy of Procedural Instruction 5.

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

224 New Customhouse
Denver, Colorado

June 28, 1951

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A. H. Koschmann

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Traver

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

224 New Customhouse
Denver, Colorado

June 28, 1951

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A. H. Koschmann

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DMA

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

June 2[illegible], 1951

DMA
PT

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUN 25 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. George [illegible], Secretary
[illegible] Development Company
Box 237, Fort [illegible] Station
Denver 7, Colorado

Dear Mr. [illegible]:

Your application [illegible] for exploration project in the amount of $[illegible] has been received by the Bureau of Mines [illegible] Supply Division.

Before a decision can be made on your request we find it is necessary to obtain additional information on your property. Your application therefore is being forwarded to the office of the Executive Officer of [illegible] Town [illegible], Mr. [illegible] and, Jr., [illegible] Warehouse [illegible], Denver 2, Colorado, which is requested [illegible] the needed information to complete [illegible].

Very truly yours,

[illegible], Director
Supply Division

Bonnet/sh

cc: Dr. [illegible] File
[illegible]robel
Lyon
Bonnet
Field Rep., IV
Files

Routine

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

REGIONAL OFFICE
REGION IV
JUN 21 1951
BUREAU OF MINES
DENVER, COLORADO

AIR MAIL

June 18, 1951

Mr. George Feltner, Secretary
Slavonia Development Company
P. O. Box 6207 South Denver Station
Denver 9, Colorado

Re: DMA Docket 1555x

Dear Mr. Feltner:

I wish to acknowledge and thank you for your letter of June 6, 1951 transmitting report on the Ace High Mining Property, Routt County, Colorado. Please be advised that we are attaching this material to your docket as requested in your letter.

Yours very truly,

Weston Bourret M.H.

Weston Bourret, Chief
Minor and Rare Metals Branch

WBourret/bf
cc: Adm. Reading File
Strobel
Thayer, U. S. G. S.
Davis, rm. 3519
Field Team IV (2)
Bourret
Files

Sorted

9/18

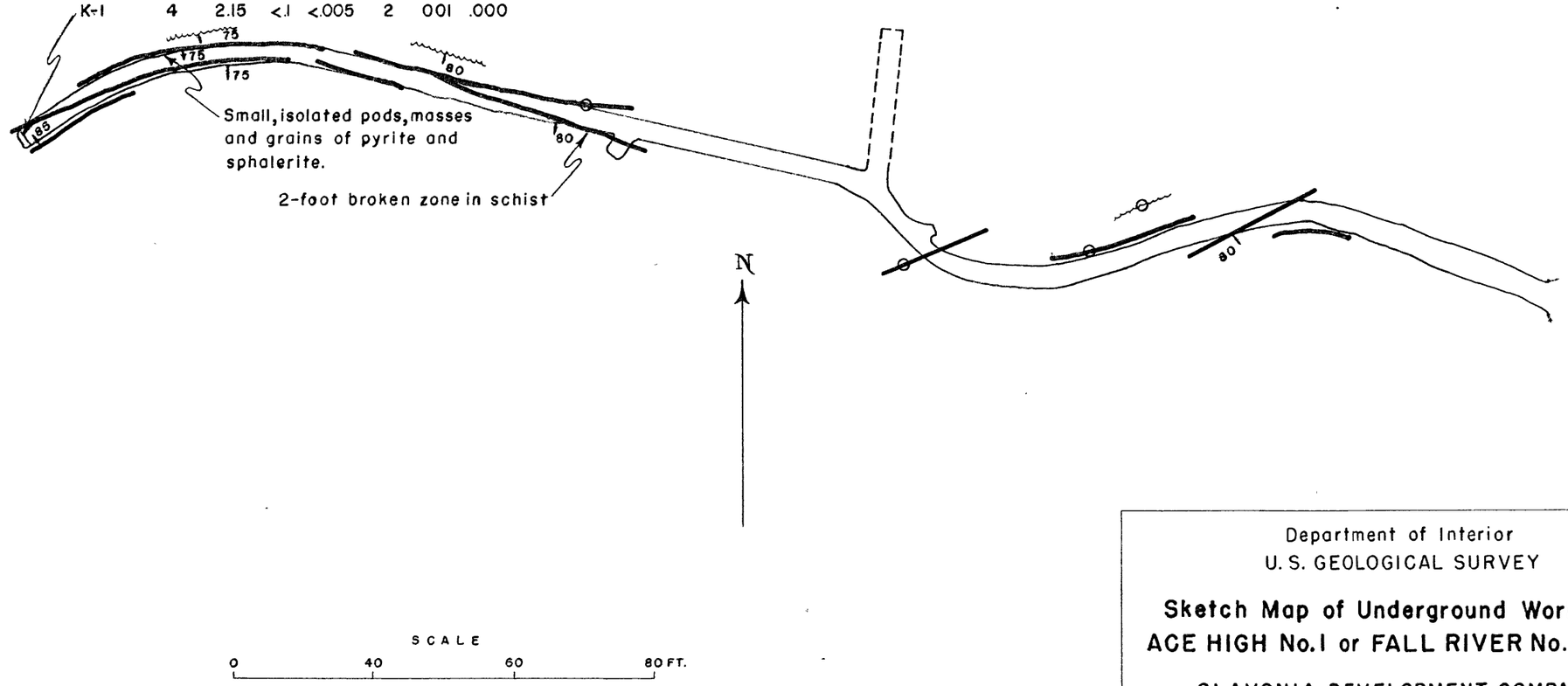
EXPLANATION

75 — Fault zone, containing some pyrite, sphalerite galena and pyrrhotite

75 — Dip and strike of schistosity

All underground workings in pre-Cambrian schist

Sample No.	Width ft.	Zn %	Pb %	Au oz.	Ag oz.	U %	eU %
K-1	4	2.15	<.1	<.005	2	001	.000



Department of Interior
U. S. GEOLOGICAL SURVEY

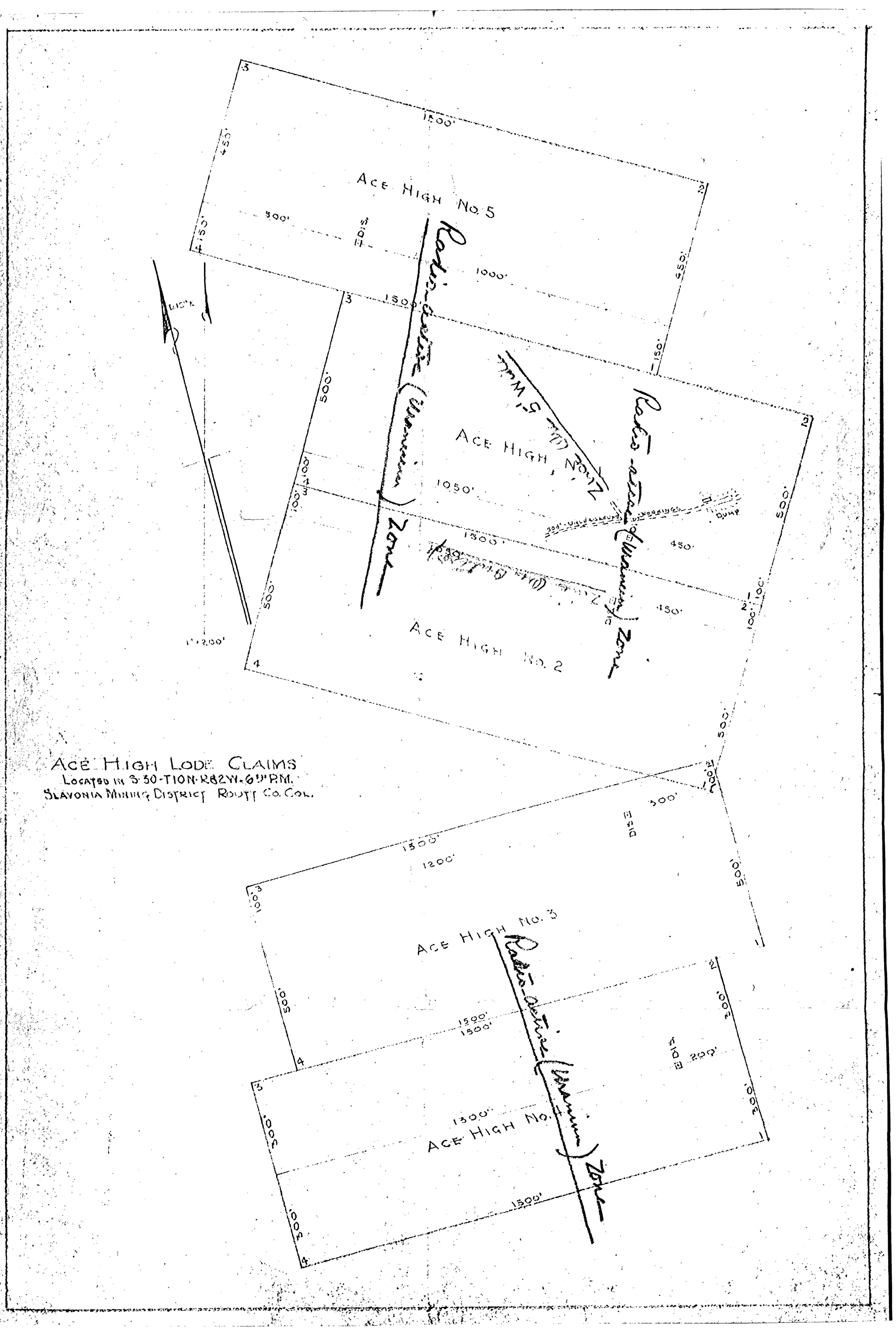
Sketch Map of Underground Workings
ACE HIGH No.1 or FALL RIVER No.1 Claim

SLAVONIA DEVELOPMENT COMPANY
Routt County, Colorado

Truman H. Kuhn

July 31, 1951

DMA Docket 1555X


ACE HIGH LODE CLAIMS
LOCATED IN S. 30-T10N-R82W-6TH P.M.
SLAVONIA MINING DISTRICT ROUTT CO. COL.
ACE HIGH No. 5
ACE HIGH No. 2
ACE HIGH No. 3
ACE HIGH No. 4
DUMP
DIKE
1500'
1050'
1000'
450'
300'
1200'
1'=200'