UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUL 13 1951
SAN FRANCISCO, CALIFORNIA

Refer to	Noted	Date
	Hill	7/16
Answered		

[illegible]

[illegible]
[illegible]
[illegible]
Nevada

Subject: [illegible]

Dear [illegible]:

[illegible]

[illegible] that will significantly improve the [illegible] supply for National Defense.

A very careful study of your proposal revealed the following:

1) No data has been submitted to prove the existence of any [illegible] on the property.

2) An examination by an engineer of the U. S. Bureau of Mines failed to determine the presence of [illegible] on the property.

Under the circumstances your application for a Government loan of [illegible] is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
[illegible]

Copy to Bailey 7/16

[illegible]

cc: Mr. [illegible]
Mr. Lyon
Mr. [illegible]
Field Team Region III
[illegible] Files

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

ffice of
scutive Officer
A Field Team
Region III

1415 ppraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

June 19, 1951

Memorandum

To: Tom Lyon, Director, Supply Division, Defense Minerals dministration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Docket DMA-368 - E. F. Schultz
Corundum Prospect, Douglas County, Nevada

In accordance with your subject memorandum dated May 17, the subject property has been examined by Mr. Glenn G. Gentry, Bureau of Mines Mining Engineer. Mr. Gentry recommends against granting the applicant a loan of $10,000 to develop his corundum prospect, mainly because no corundum could be detected in any of the samples he took. His other conclusions appear at the bottom of page 5 of his report.

Four copies of a report entitled "DMA-368, E. F. Schultz, Corundum Prospect, Douglas County, Nevada, by Glenn G. Gentry, Mining Engineer, dated June 6, 1951," are attached. Attached also is the Washington Office docket.

H. C. Miller
Executive Officer, DMA Field Team
Region III

Attachments

Copy to: Ward Smith

HCMiller:ejs

Chrono
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF MINES
P. O. Box 1551
Reno, Nevada

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 18 1951
SAN FRANCISCO, CALIFORNIA

June 14, 1951

Refer to	Noted	Date
Answered		

Memorandum

To: H. C. Miller, Regional Director, Region III

From: Chief, Mining Division, Region III

Subject: Docket DMA-368, E. F. Schultz, Corundum Prospect
Douglas County, Nev.

Enclosed herewith are 5 copies of the report on the above mentioned docket by Glenn G. Gentry.

The examining engineer states, "Due to insufficient development, the fact that no corundum could be detected in any of the samples and the absence of any definite data with which to compute possible tonnage, the granting of this loan is not recommended". I concur with the conclusions of the examining engineer.

The docket and correspondence concerning DMA-368 are returned herewith.

A. C. Johnson

A. C. Johnson

Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

OFFICE OF
REGIONAL DIRECTOR

1415 APPRAISERS BLDG.,
630 SANSOME STREET,
SAN FRANCISCO 11, CALIF.

May 22, 1951

Memorandum

To: A. C. Johnson - Reno, Nevada

From: Executive, DMA Field Team, Region III

Subject: Application of E. F. Schultz, 118 West Street, Reno, Nevada
Docket DMA-368, Corundum

Attached is subject docket and memorandum from Tom Lyon requesting the DMA Field Team to examine the subject prospect and report on property and deposit, and secure sample of the corundum for determination of quality and, if possible, possible quantities.

I have discussed the request with Ward Smith and we have decided that for the present at least an engineer from your office ought to be able to get the requested information. You will note from the correspondence attached to the docket that the Bureau of Mines has published two Reports of Investigations on corundum deposits near the deposit for which the applicant wishes an exploration loan.

Subject docket is attached herewith which should be returned along with your engineer's report.

H. C. Miller
Executive, DMA Field Team
Region III

Attachments

Copy to: Tom Lyon - Washington, D. C.
Ward Smith - San Francisco, Calif.

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

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 22 1951
SAN FRANCISCO, CALIFORNIA

MAY 17, 1951

Refer to	Noted	Date
Answered		

Mr. H. C. Miller, Executive
DMA Field Team, Region III
1415 Appraisers Building
San Francisco, California

Thru: Commodity Committee

Subject: Application of:
E. F. Schultz
118 West Street
Reno, Nevada

Subject: Docket DMA-368
Commodity: Corundum

Dear Mr. Miller:

Will you please have the DMA Field Team Region III, examine the subject prospect and report on property and deposit, and secure samples of the corundum for determination of quality and, if possible, possible quantities.

We will appreciate your remarks on the feasability of the proposed project.

Sincerely yours,

Tom Lyon
Chairman

Approved:

Lowell B. Moon
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

Copy to Ward Smith
5/22

H. C. Miller

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

BUREAU OF MINES
ALBERT SPEER, DIRECTOR

DVA-368, S. F. Schultz, Corundum Prospect

Douglas County, Nev.

Glenn O. Gentry, Mining Engineer

June 6, 1951

DOCKET BMA-388

UNITED STATES DEPARTMENT OF THE INTERIOR - BUREAU OF MINES

B. F. SCHULTZ, CORUNDUM PROSPECT, DOUGLAS COUNTY, NEV.

By Glenn C. Gentry

SUMMARY

Pursuant to a loan application dated Jan. 4, 1951, for the sum of $10,000, signed by B. F. Schultz whose mailing address is 118 West Street, Reno, Nev., an examination of the corundum prospect was made by an engineer[1] of the U. S. Bureau of Mines, Region III on May 29, 1951.

The purpose of the examination was to determine, if possible, the grade and tonnage of the strategic corundum material. Mr. B. F. Schultz accompanied the examining engineer and acted as guide during the examination.

INTRODUCTION

The new discovery of corundum reported by Mr. Schultz and upon which his loan application has been made, is located adjacent to the area previously explored by the U. S. Bureau of Mines, Region III in 1945 and 1947[2], and is situated approximately 1 mile northeast of the exploration tunnel driven by the Bureau of Mines.

LOCATION

The mining claims are located in Douglas County, Nev., in the Buckskin Mining District and are reported specifically as being in

1/ Glenn C. Gentry, Mining Engineer.
2/ R. I. 3395 and R. I. 4298.

T. 13 N., R. 23 E. in sec. 13. These claims are reached via automobile either from Wabuska, Nev., or Yerington, Nev. Wabuska, a station on the Southern Pacific Railroad, is 23.5 miles northeast of the mine. Yerington, the County Seat of Lyon County, Nev., is approximately 20 miles southeast of the mine.

PROPERTY AND OWNERSHIP

The Blue Metal group of 6 lode mining claims, which include the tunnel project investigated by the U. S. Bureau of Mines under R.I. 3895 and R.I. 4298, were located on Feb. 15, 1951 and recorded in the names of E. F. Schulte, Paul Perch and Curley Miller. The claims are held by location and are unsurveyed. No maps of the property are available. The examining engineer did not investigate the titles to the claims or verify the recording of said claims in the Douglas County Court House at Minden, Nev.

HISTORY AND PAST PRODUCTION

These mining claims are reported to have been formerly held by location by Judge Clark J. Guild of Carson City, Nev. and his associates and on Feb. 15, 1951 were claimed by means of relocation by the present owners.

Originally, a small amount of prospecting was done in the early 1900's in search of gold bearing ores. No estimate of past production of gold could be obtained from Mr. Schulte, however from the size and appearance of the numerous shallow cuts examined, the production must have been very limited or nil.

No production of corundum-andalusite ores has been made from the area claimed by Mr. Schulte.

MINE DEVELOPMENT

Since the present owners filed on the mining claims, they have done no mining or development work of any nature. The numerous shallow trenches and cuts are partially filled with loose rock and indicate that it has been many years since the excavations were made.

GEOLOGY

The character of the material appears essentially the same as that observed in the tunnel project reported on pages 4 and 5 of Report of Investigations 3695, dated August 1946, and the area examined is situated approximately 1 mile northeast of the face of the above mentioned tunnel.

In general, the country rock noted in the outcrops is a highly silicified andesite. Below the crest of the ridge numerous shallow cuts have been driven into the hillside encountering a shattered and metamorphosed andesite and/or a small amount of sericitic or talcose rock. The altered andesite is weathered where exposed, is fairly soft and ranges in color from light gray to nearly white. This material did not show any of the dark blue coloring which usually denotes the corundum mineral and no crystals of corundum were noted in the limited area where observations were possible. The general strike of the bedding planes is approximately N. 20° E. and dips about 50° to the northwest.

Three samples Nos. 67, 68, and 69, were secured from places designated by Mr. Schultz as containing the highest percentages of corundum, however an analysis of the material by the Nevada State Mineral Labor-

atory showed no trace of corundum.

The altered andesite outcrop can be traced for a length of about 750 feet by 75 feet wide by an estimated 50 feet in depth, however, due to the entire lack of development, any estimate of tonnage would be guess work.

Based upon the results of the sampling, an estimate of the present tonnage would be:

Measured ore . . .	None
Indicated ore . .	None
Inferred ore . . .	None

ROADS

The mining claims may be reached by automobile via U. S. Highway 95. An all weather highway, to a point 6 miles south of Mabuska, Nev., thence east over 17.7 miles of unimproved desert roads. The road ends approximately one-half mile from the mine, and construction of this one-half mile of road is requested in the loan application. This new road construction is estimated to require three days work with a Caterpillar and bulldozer at a cost of $300. The main portion of the desert road is maintained by both Lyon and Douglas counties.

WATER

No water is available on the mining claims. The nearest available water is from an artesian well located at the abandoned A. E. Sharp ranch building and is approximately 2 miles east of the mining claims. This well is reported to be 300 feet deep with 6-inch casing and is a flowing well.

POWER

The nearest source for electric power would be from a transmission

line owned and operated by the Sierra Pacific Power Co. which crosses the valley approximately 5 miles north of the mining claims.

IMPROVEMENTS

There are no improvements or housing facilities on the mining property.

EQUIPMENT

There is no equipment or machinery of any nature on the mining claims.

SHIPPING FACILITIES

Mr. Schultz expects to receive freight shipments via the Southern Pacific Railroad at Fabuska, Nev., a distance of 22.3 miles from the mine. Mr. Schultz also states that he owns an ore loading ramp adjacent to the Fabuska Railroad station. This loading ramp was inspected by the examining engineer and considered to be in good serviceable condition.

LABOR AND SUPPLIES

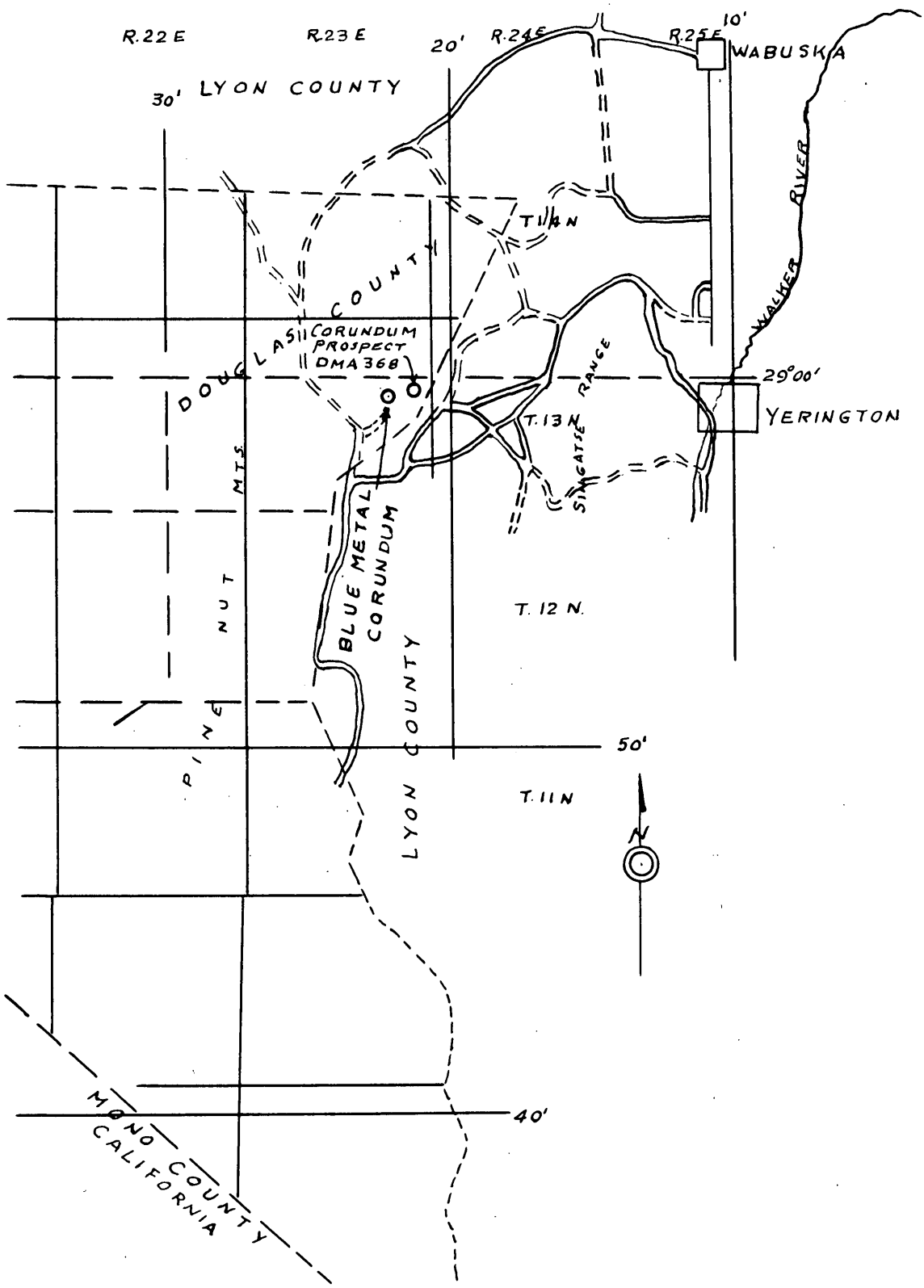
The nearest source for common labor and supplies would be from Yerington, Nev., a distance of approximately 20 miles from the mine.

CONCLUSIONS

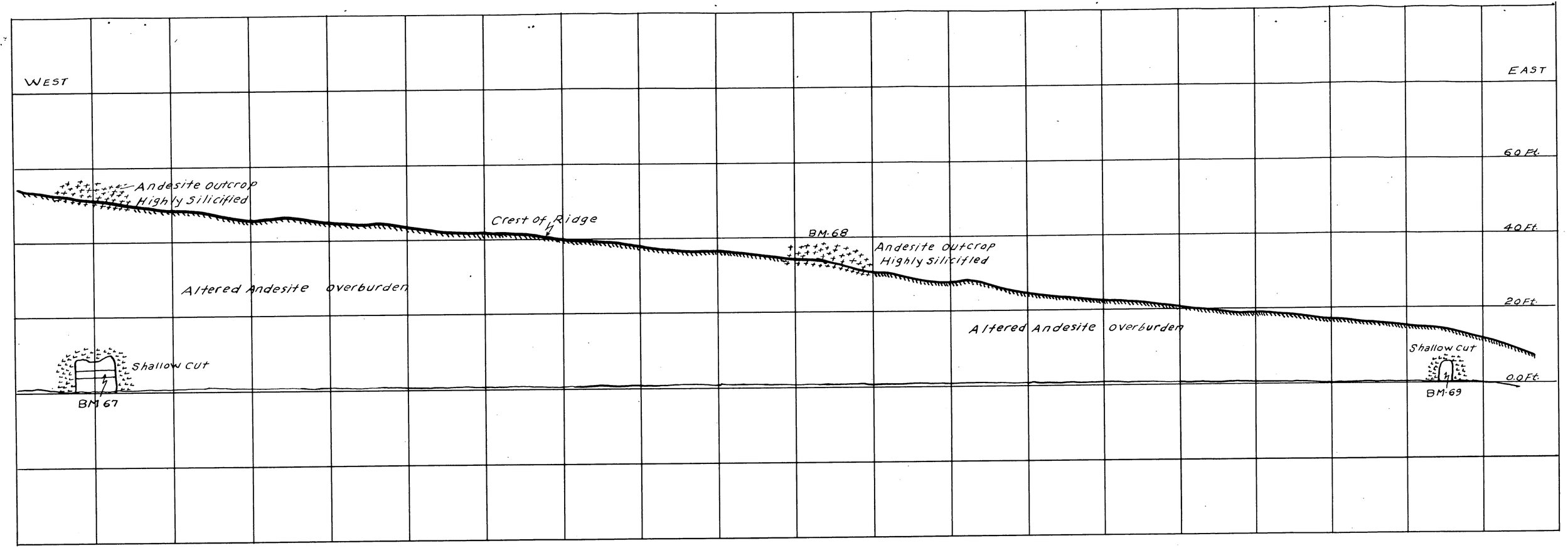
The area examined can only be considered as a very limited prospect and, due to its proximity to the R. I. 3885 project, it is considered that further development would encounter approximately similar geological conditions.

RECOMMENDATIONS

Due to insufficient development, the fact that no corundum could be detected in any of the samples and the absence of any definite data with which to compute possible tonnage, the granting of this loan is not recommended.



LOCATION MAP- CORUNDUM PROSPECT
DOUGLAS COUNTY, NEVADA



LONGITUDINAL SECTION ALONG HILLSIDE

E. F. SCHULTZ CORUNDUM PROSPECT, DOUGLAS COUNTY, NEVADA

scale 1" = 20 Ft.

Silicified Andesite

Sericitic Outcrop

MINERAL PROJECT

Information supplied the Metallurgical Branch
regarding samples submitted

Date May 31, 1951

Name and location of property: Corundum Prospect
E. F. Schultz
Douglas County, Nevada

Sample identification number: BM-67, 68, 69

Number of samples in shipment (estimated if necessary): 3

General nature of ore (type, minerals present, etc.): corundum, titanium

Analyses or assays required: Al_2O_3, SiO_2, LOI, TiO_2

Other tests desired: None

Name and address of Project Engineer

Glenn G. Gentry
P. O. Box 1551
Reno, Nevada

Authorized by: S. C. Johnson