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June 24, 1955

Mr. John Curzon
Exploration Manager
Climax Molybdenum Co.
822 Midland Savings Bldg.
Denver, Colorado

Dear Mr. Curzon:

Enclosed is report on my reconnaissance examination of the Polk, et al., claims, west of Payson, Arizona, conducted on 31 March and 1 April of this year, and my bill for these services.

As a result of our telephone conversation, following your visit to the area, I did not make any actual physical property tests on the rock samples collected. My conclusions in this regard were based on visual inspection and comparison based on experience with similar samples taken from similar formations elsewhere.

In my discussion with Tony Mastrovitch at Grand Junction, I reviewed a memorandum submitted by one of their local men on the geophysical possibilities. This was a good memorandum, and in general, I agree with its recommendations.

I regret that things did not work out so as to have saved your trip to the property.

If I can be of any future assistance to you in a similar cursory manner please do not hesitate to let me know.

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Best personal regards and wishes,

Sincerely,

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RECONNAISSANCE EXAMINATION REPORT

ARIZONA, GILA COUNTY, GREEN VALLEY
MINING DISTRICT, WEST OF PAYSON
KNOB MOUNTAIN AREA, COPPER AND URANIUM

JUNE, 1955

BY: WALTER E. HEINRICHS, JR.

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NORTHERN FLANK OF HAZATZAL MOUNTAINS IMMEDIATELY SOUTH OF THE EAST VERDE RIVER AND SEVERAL MILES SOUTHEAST OF ITS CONFLUENCE WITH THE VERDE RIVER. IN T 10 S, R 8 AND 9 E.

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STARTING AT THE TOWN OF PAYSON, APPROXIMATELY 75 MILES NE OF PHOENIX, TRAVEL 10.4 MILES ON RASCH ROAD LEADING DUE WEST TO THE TAYLOR RANCH, ON EAST VERDE RIVER. JUST BEFORE TAYLOR RANCH, TURN LEFT ON NEW BULLDOZED TRAIL AT CHIMNEY-HOUSE RUNS, OR PROCEED DOWNSTREAM ALONG EAST VERDE BOTTOM FROM TAYLOR RANCH. FROM THESE POINTS, VARIOUS ACCESS IS AVAILABLE INTO THE AREA FOR APPROXIMATELY 4 TO 5 MILES ON TRUCK, OR PREFERABLY, 4-WHEEL DRIVE TRAILS.

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HISTORY:

ORIGINAL ACTIVITY IN THE REGION WAS IN SEARCH OF GOLD AND SILVER ABOUT 1875. IN 1881 A SMALL, SHORT-LIVED, GOLD BOOM WAS EXPERIENCED. RENEWED ACTIVITY AND SOME PRECIOUS METAL PRODUCTION OCCURRED DURING AND SHORTLY AFTER WORLD WAR I. REGION HAS ALSO PRODUCED A MINOR AMOUNT OF MERCURY.

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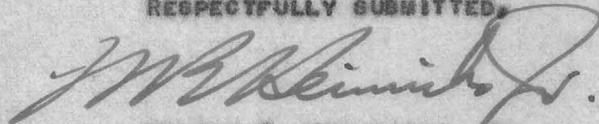
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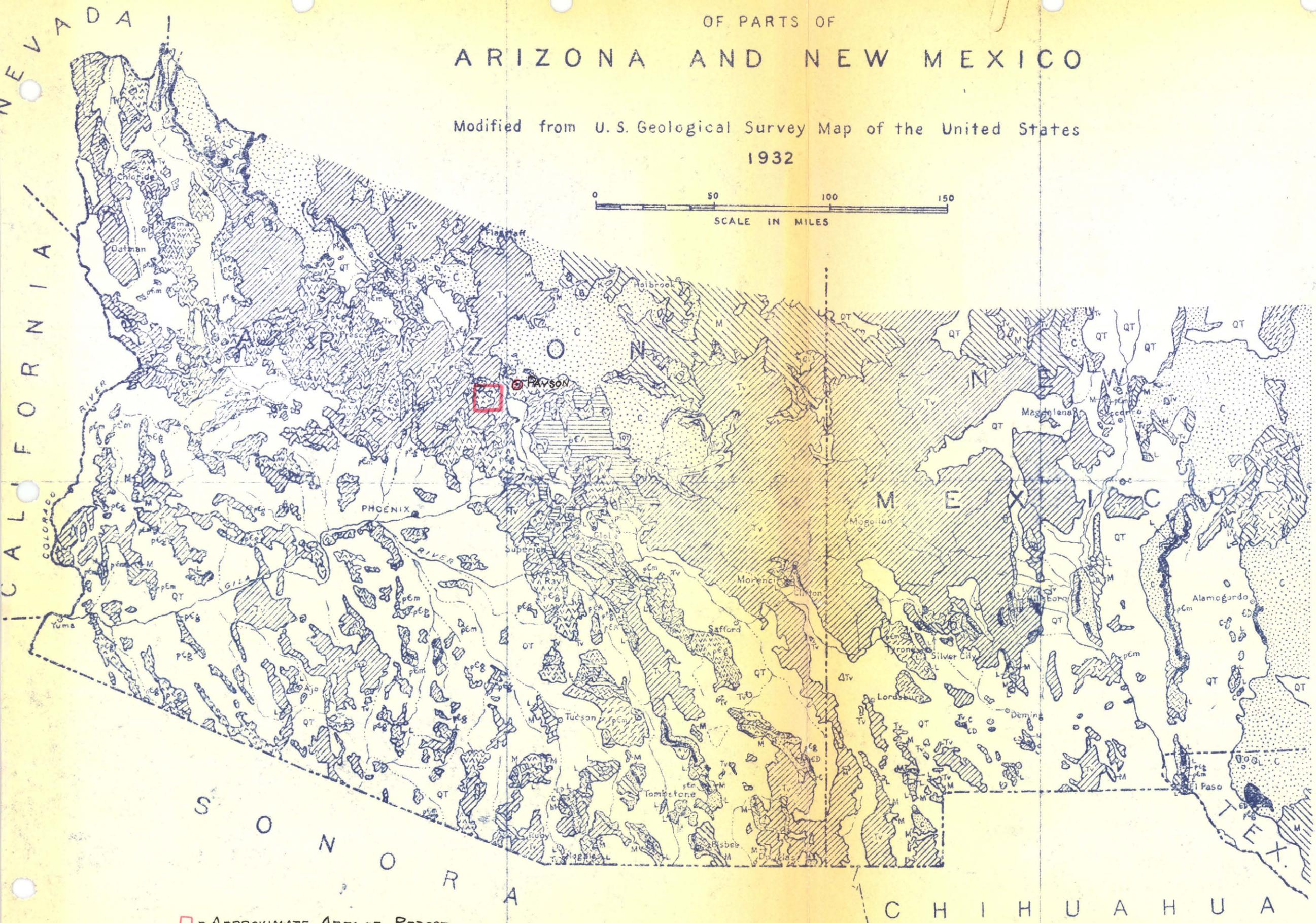
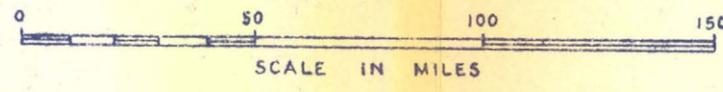
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GEOLOGIC MAP OF PARTS OF ARIZONA AND NEW MEXICO

Modified from U.S. Geological Survey Map of the United States
1932



EXPLANATION

QUATERNARY and TERTIARY

- QT
Silt, Sand and Conglomerate
- Tv
Volcanic Rocks

CRETACEOUS or TERTIARY (LARAMIDE)

- L
Granitic to Monzonitic Porphyry

MESOZOIC

- M
Sedimentary Rocks

CARBONIFEROUS

- C
Sedimentary Rocks

CAMBRIAN - DEVONIAN

- ED
Sedimentary Rocks

YOUNGER PRE-CAMBRIAN

- pEA
Apache Group

OLDER PRE-CAMBRIAN

- pEG
Granitic Rocks

- pEm
Metamorphic Rocks

□ - APPROXIMATE AREA OF REPORT

Plate II.—Geologic map of parts of Arizona and New Mexico.

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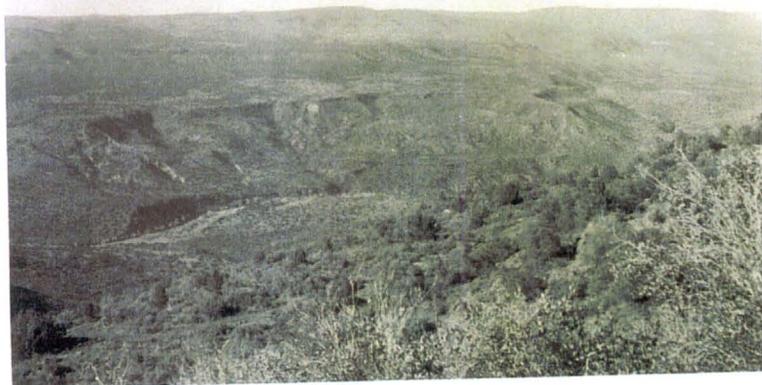
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LOOKING NORTH ACROSS EAST VERDE VALLEY



LOOKING S.E. FROM END OF UPPER BULLDOZED TRAIL



LOOKING WEST
ALONG SUGGESTED
MAJOR FAULT SCARP
SHOWING BENCH
ALONG FOOT OF
MAZATZAL'S AND
SOUTH SIDE OF
EAST VERDE VALLEY



LOOKING NORTH
ACROSS BENCH &
EAST VERDE VALLEY
IN AREA OF MAJOR
SULFIDE EXPOSURE



ONE OF UPPER
PROSPECT PITS
SHOWING EXPOSURE
OF OXIDIZED COPPER