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James Doyle Sell Mining Collection

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MR. WES
READ AND RETURN _____
PREPARE ANSWERS _____HANDLE _____
FILE INITIALS _____

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

June 26, 1969

W.E.S.

J.H.C.

JUL 9 1969

JUN 26 1969

TO: J.H. Courtright

FROM: J.D. Sell

Seebold Quarry
Lynx Lake Area
Yavapai County, Arizona

In the company of Mr. B.W. Copeland of Prescott, I visited the Seebold Quarry, located west of Lynx Lake, some five airline miles southeast of Prescott (Attachment A) on June 14, 1969.

Mr. G.H. Seebold, 1403 Iron Springs Road, Prescott (ph. 445-0272) is owner of the quarry, located on some 300 acres of located mining claims. The area is reached by turning south from U.S. 69 on the Lynx Lake road, then three miles south to the Upper Benjamin Gulch road (opposite Lynx Lake cut-off), turning right (west) for 0.2 miles to quarry area.

The area is Yavapai Schist, mainly of the quartz porphyry affinity and rhyolite tuff sedimentary units (Texas Gulch formation of Krieger, PP 467) which are cut by barren andesite dikes.

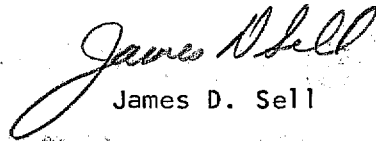
The schist outcroppings are highly stained by iron from the oxidation of variable copper-lead-zinc-pyrite mineralization along the schistosity. Several of the quarry faces were in the sulfide zone and a composite sample was collected from three separate areas. The American Analytical certificate on this sample shows 0.003 oz/ton Au, 0.03 oz/ton Ag, 0.02% Cu, 0.10% Pb, 0.10% Zn. As the sample taken was of sulfide mineralization, it is doubtful that values would increase in depth.

One strong vein is located within the area. It is a quartz structure containing galena, sphalerite, chalcopryrite and pyrite averaging 3-5 feet wide, but up to 15 feet in local areas. Production for a time was shipped to the Iron King prior to its shut-down and the shipped grade ran 15-25% combined lead-zinc.

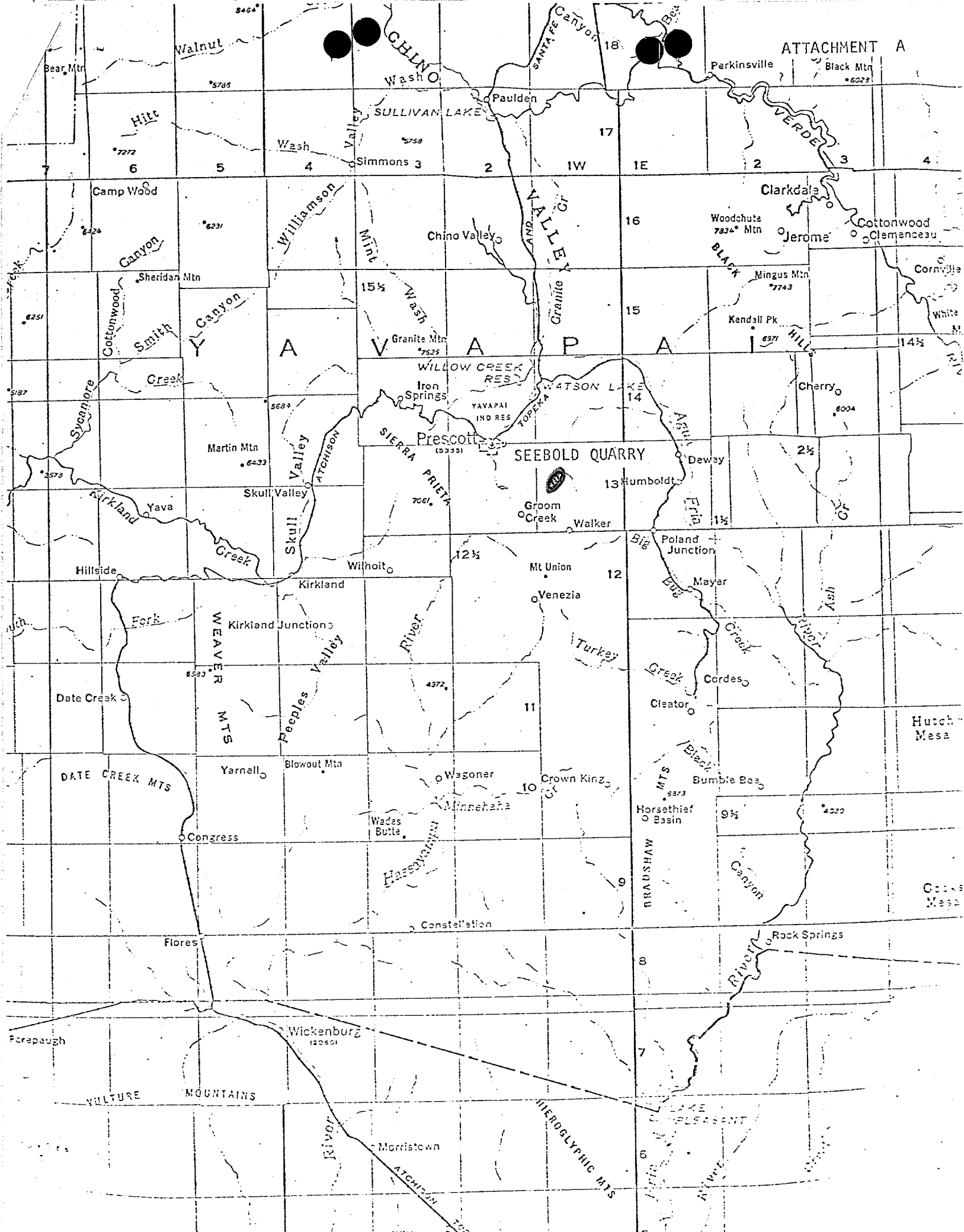
Mr. Seebold presently receives \$14.00/ton on his quarried rock and believes the area is worth some one million dollars to him. He would, of course, be quite willing to reach some agreement for test drilling the property for open-pit potential of the apparent widespread distribution of metallic values in the schist.

In my short tour I did not see any later intrusives, and apparently they are unknown to Mr. Seebold on the property. No extensive alteration was observed and the metallic values are generally along small quartz veinlets or in the more silicic phase in the schist.

Although 0.02% copper on the surface is of normal interest, it appears that as the sample is in the sulfide zone, there is probably no increase in values with depth. Perhaps a higher grade and pervasive mineralized zone is present within the district, but it is unknown at this time.


James D. Sell

JDS:lzb
Encl.



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Tucson Arizona

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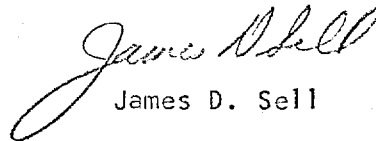
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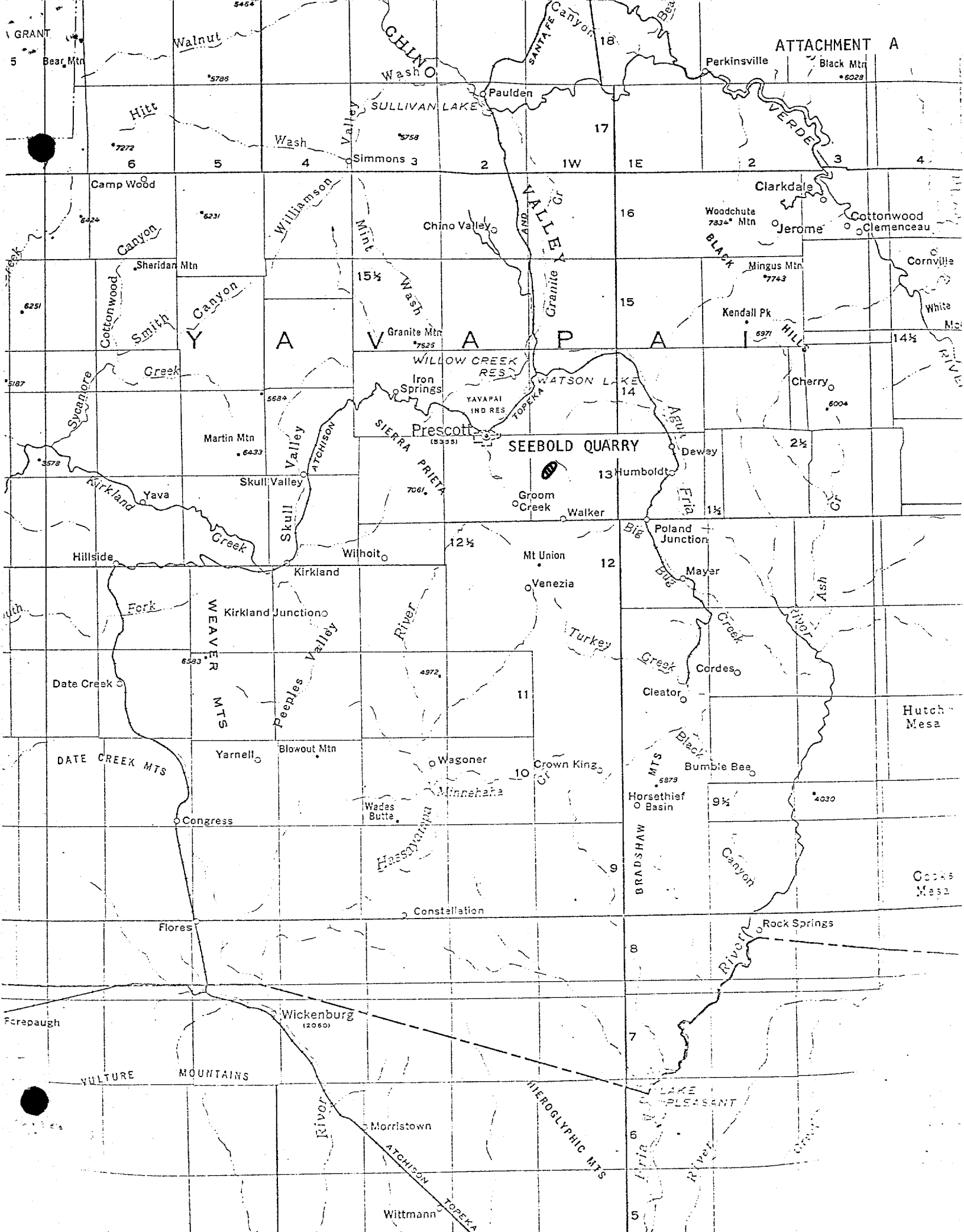
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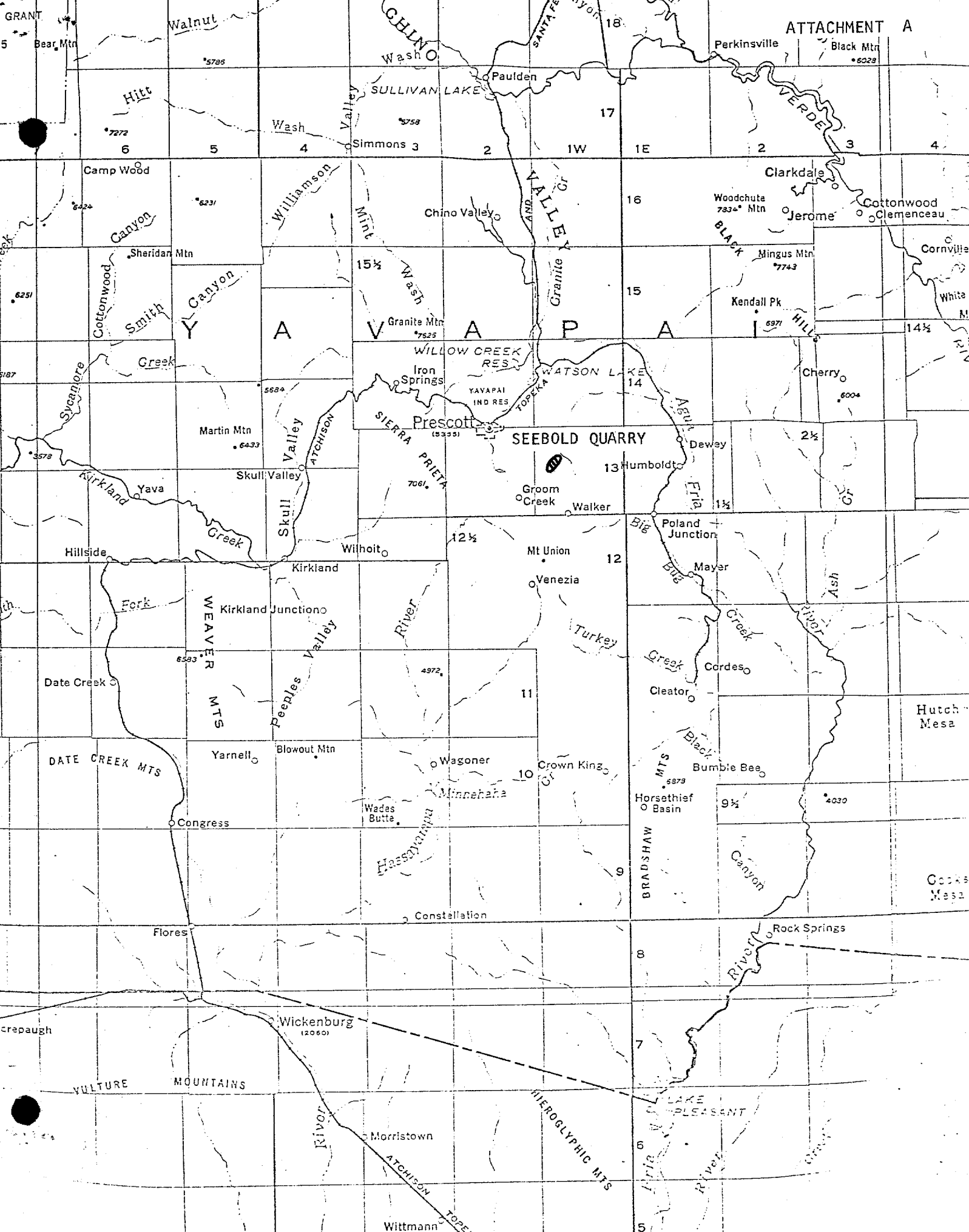
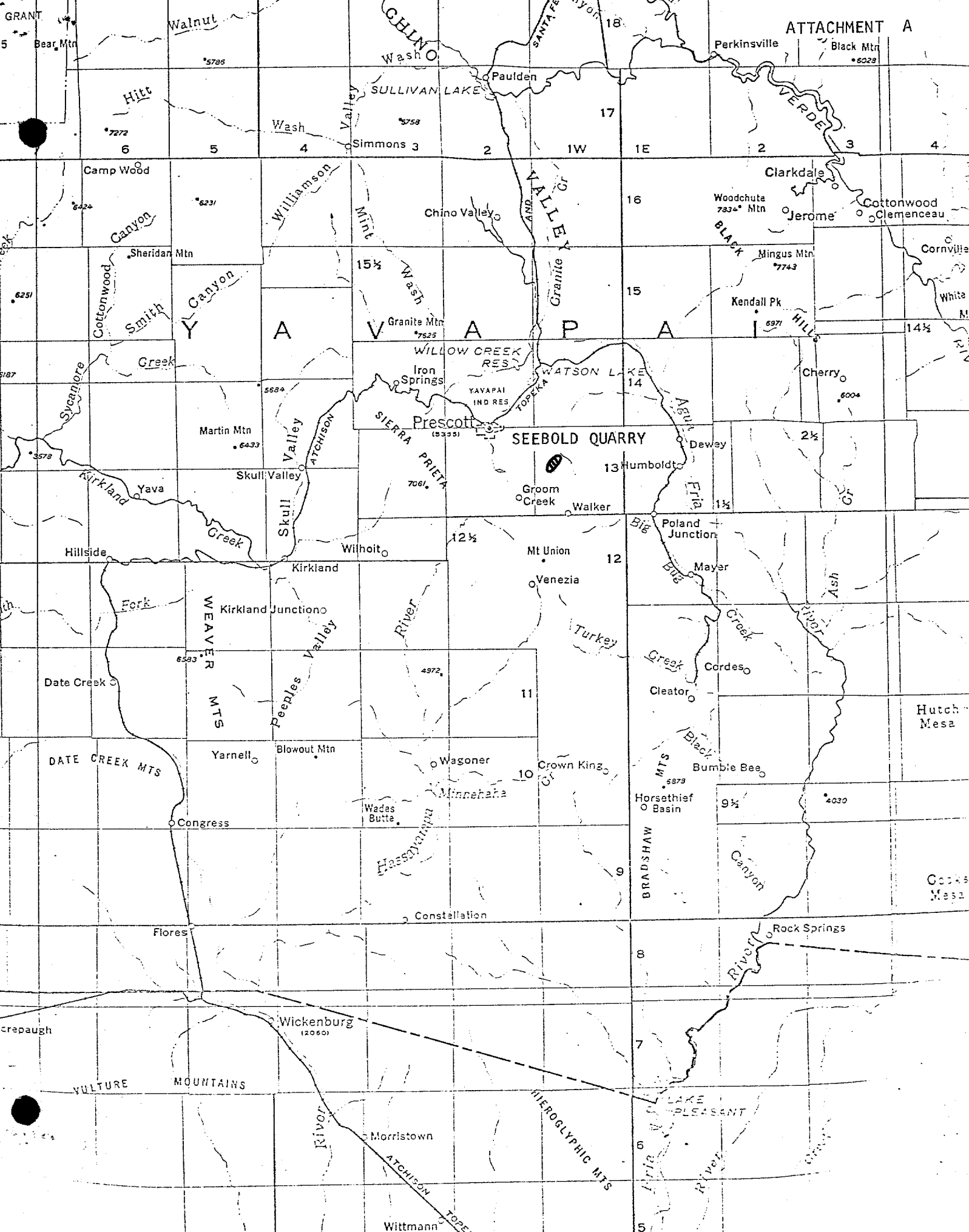
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James D. Sell

JDS:lzb
Encl.



ATTACHMENT A



3226 East 46th Street

Phone 624-0049

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85713

SAMPLE SUBMITTED BY American Smelting & Refining Company

DATE June 20, 1969

SAMPLE MARKED	GOLD OZ./TON	SILVER OZ./TON	PER CENT COPPER	PERCENT LEAD	PERCENT ZINC	PERCENT MOLYBDENUM	PERCENT IRON
Quarry	.003	0.03	0.02	0.10	0.10		

[Handwritten Signature]
June 24, 1969