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The following file is part of the  
James Doyle Sell Mining Collection

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4/6/64

Phone call.

J. H. C.

NE end join P.D. SW. Corner. SEP 16 1965

142 claims Does not include  
San Juan, which is in litigation,  
have maps. (May survey) Dirk Deu Barre.

1 hole - hit rhyolite at 1086.

3 cores in Rhyolite below this  
depth. Done with Potam drill rotary

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Paul Winkler

428-2980

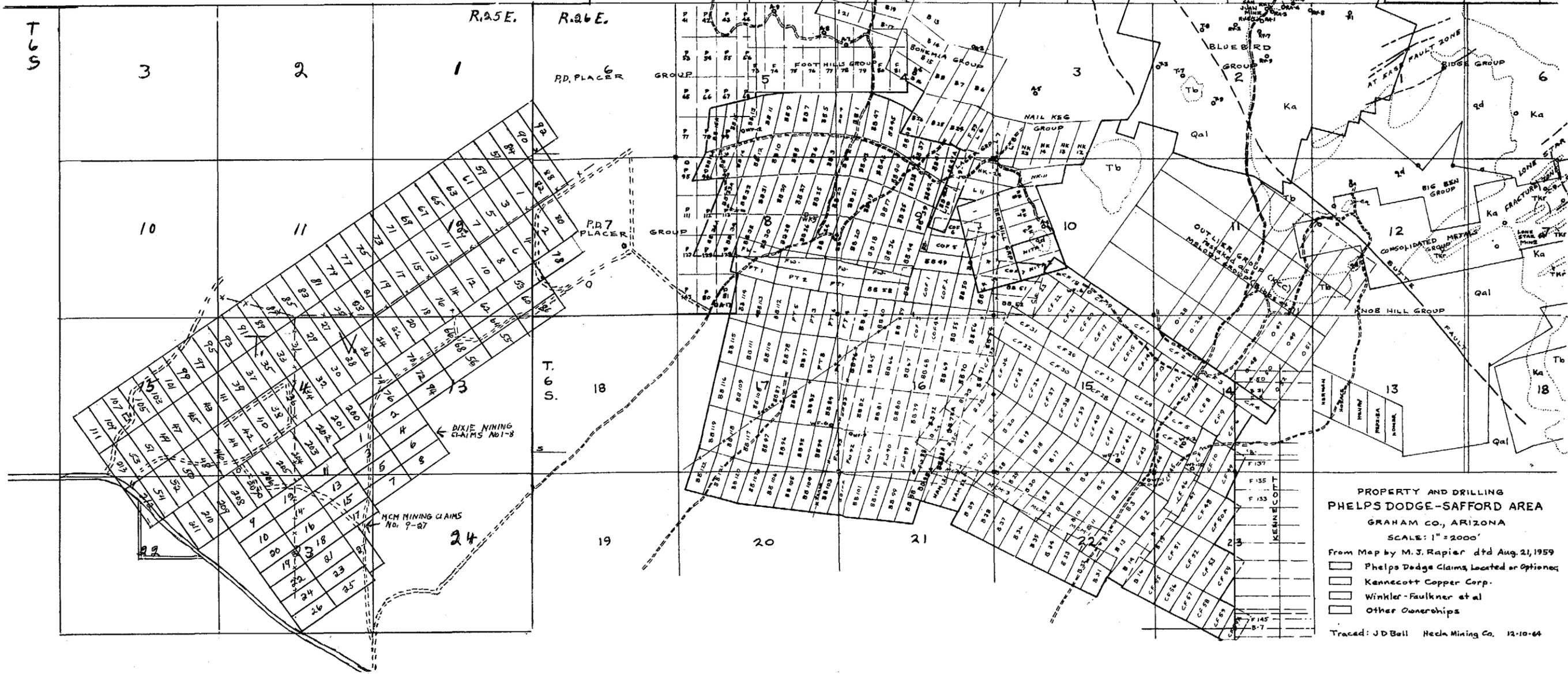
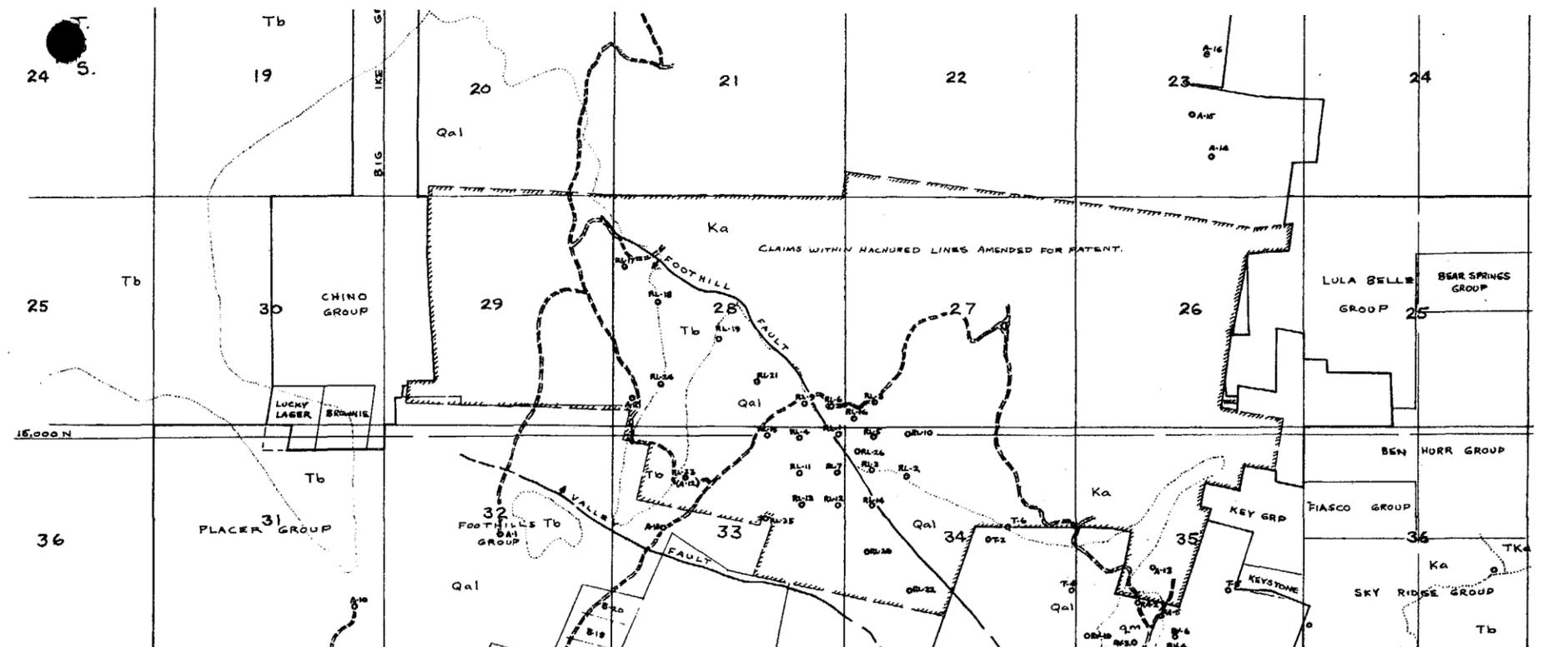
Safford

State Farm Insurance

618 5<sup>th</sup> Ave.

Says another group of his is leased  
to ~~Collins~~ <sup>Hecla</sup> (didn't get Co. name  
clear.) lies between San Juan and  
Kennecott. Boyles Bros now moving  
in core drill.

THE T.V., M.C.M. AND DIXIE MINING CLAIMS  
 BELOW WERE ADDED TO THIS MAP BY  
 CLYDE FAULKNER 1-30-65



PROPERTY AND DRILLING  
 PHELPS DODGE-SAFFORD AREA  
 GRAHAM CO., ARIZONA  
 SCALE: 1" = 2000'  
 From Map by M. J. Rapier dtd Aug. 21, 1959  
 Phelps Dodge Claims Located or Options  
 Kennecott Copper Corp.  
 Winkler-Faulkner et al  
 Other Ownerships  
 Traced: J.D. Bell Heck Mining Co. 12-10-64

Location: N.E. of Safford

Property San Juan & Phelps  
 Area Dodge  
 District  
 Mt. Range Gila Mountains  
 State Arizona

Field Check by:

J. H. Courtright, J. E. Kinnison

Date April 17, 1961

Recommended Company  
Interest Classification:

- Active  
 Inactive  
 None  
 Scientific

Conclusion: The andesitic rock which overlies the sulphide Cu mineralization appears fresh and unaltered, and without visible Cu. However, Cu is retained in unknown minerals in this capping, and reflects Cu sulphide at depth.

Notes on Reconnaissance: The San Juan property lies between Kennecott's holdings (Lone Star) and Phelps Dodge's ground; see Aa-7A.19.12. Mr. Kay Foote guided us over San Juan and PD ground, and showed us Rare Metals and Bear Creek drill cores. A recent report and map by Lacy is filed Aa-7A.19.19.

These cores show that andesite, unaltered in appearance, contains small amounts of thin films and fine specks of red to brown hematite, all of which appears transported. No cavities or boxwork are present. This capping gives way through a transitional zone to chalcopyrite and minor pyrite contained as thin seams and tiny grains in black andesite. No chalcocite was seen.

On the PD property fragmental textures of the Silver Bell formation (andesite) are clearly visible in the surface exposures, and other than faint brown to red films or scattered specks of limonite, there is no appearance of alteration. Locally there are shear zones which show weak alteration but these are of limited width.

Assays which follow show that copper is retained in this "barren" capping.

PD property; taken in area of close-spaced drilling, proceeding east to west across property:

	(1)	.10% Cu, .1 Oz Ag, Tr Au
	(2)	.10 " .1 " Tr "
No. 4 shows Cu staining	(3)	.06 " .2 " .005 Au
No. 4a selected from No. 4	(4)	.50 " .2 " .005 "
4 sample -- pieces	(4a)	.27 " .1 " Tr Au
with no Cu staining.		

Assay of sulphide core piece from San Juan: .16% Cu, .1 Oz Ag, Tr Au

We were shown 2 small breccia pipes on the San Juan claims, about 200' diameter each. They are a coarse open-textured angular rubble with sharp vertical contacts. Cu silicates and Cu "pitch" are found throughout, principally in the open vugs. There is very little limonite present. Grade of original primary might have been 1% Cu, with a low pyrite content.

Strong biotization

Date April 27, 1961 By John E. Kinnison