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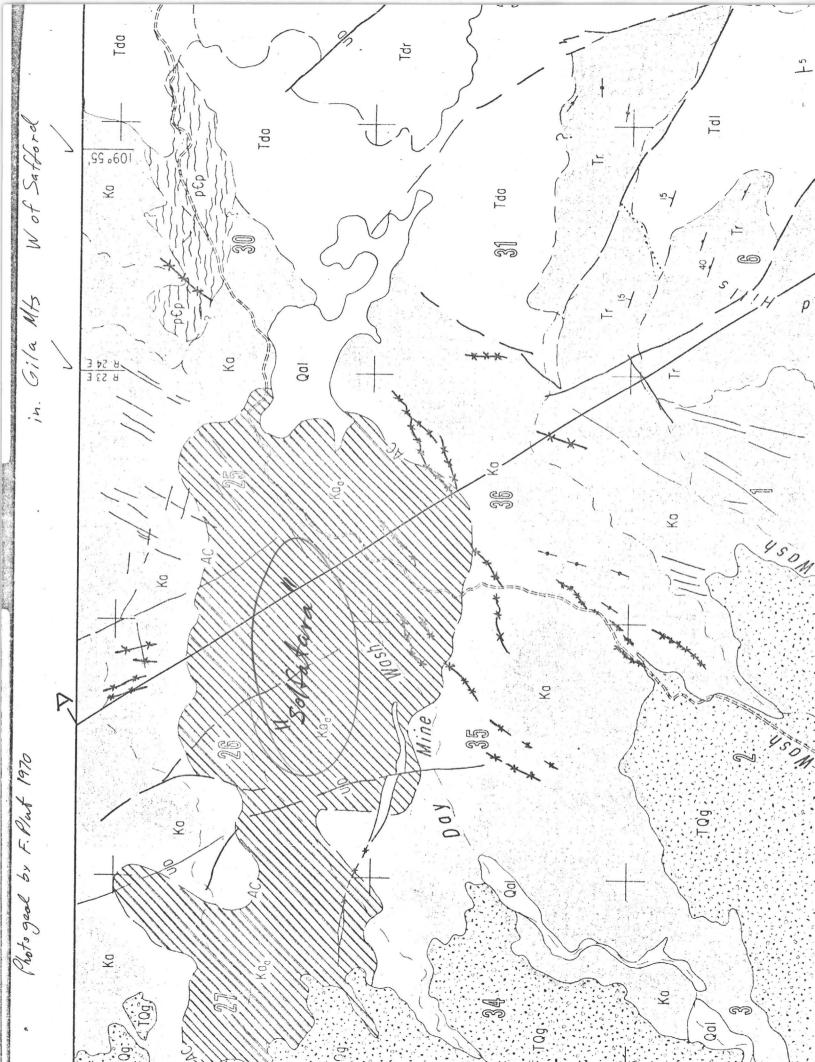
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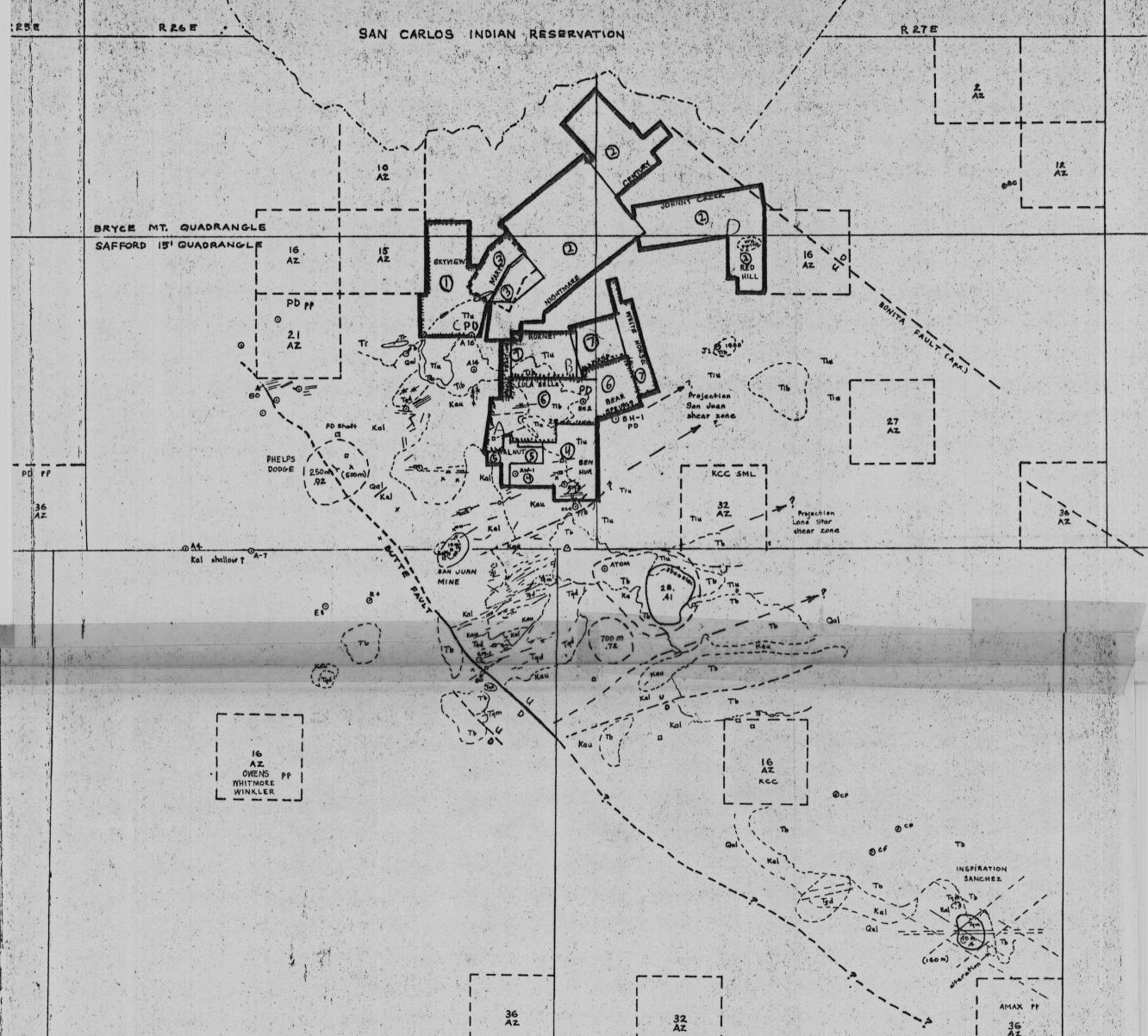
E X P ANATION L

SEDIMENTARY

INTRUSIVE IGNEOUS

RY		INTRODIVE TONEOUS	EXTRUSIVE IGNEOUS	
NA	Qal alluvium		¥	
QUATERNARY	mostly youngest stream sediments; in places includes terrace gravels, talus, and alluvial fan material.			anglinata an
TAL	Gila conglomerate		*	
õ	weakly comptomerates; in places includes		Tur upper rhyolites	dashed where in line thickne
	well bedded lacustrine sediments.		light brown to cream; interbedded lithic ash flows	The Dickie
			and mud flows.	
	unconformity		unconformity	linears
	*			
			Tb: bosalt flows	
			véry dork groy	
			unconformity	dashed where in
		· · · · · ·		•
	N X		Toun undifferentiated Datil volcanics	🕀 horizonti
	*		focury subdivided into the following rock types.	
	X		(restricted to greas A-1 and B-2)	verti
			Tdr lithic rhyolite tuff	× ,
≻			light cream to light areenish velices	
AR			fragmental, buotite-rich, weakly welded ash flow. May contain some rhyolite flow	
ERTIARY			Tda andesite porphyry	
TE			dark purplish gray, conspicuous plagiociase phenocrysts, (in places abundant geodes)	
			An intermediate flow-rock within the Dati	
			volconics.	*
			Tdl weakly welded ash flows light colored, restricted to George Canyon	
			area (area A-1).	1
			2 unconformity	
		$\frac{1}{2}$		<u>o</u>
		undifferentiated intrusives	Tab andesitic basalts	¢
			vesicular amudalaidal ar martin	
		age uncertain; includes rhyalite, latite, and andesites; dikes shown by x'ed lines. agranodiorite light pinkish gray to light greenish gray hornblende	vesicules and minor quartz versing are conspicuous locatly	
	· · ·	ETgdy granodiorite light pinkish gray to light greenish gray hornblende		
		rich; restricted to Markham Wash (area B-2).	unconformity	
		Tai andesite dikes light pinkish gray or pale red (area B-2).		
		light pinkish gray or pale red (area B-2).	Tr Red Hills rhyolite	knowi
l	uncontormity	Tap undifferentiated hypobyssal granitic porphyries	moderate brown, densely welded lithic osh flows	
· [includes quartz monzonite, granudiorite, quartz diorite of Safford-Morenci mining district; *mostly small	unconformity	-
Sn		stocks or large dikes.		
CRETACEOU		*••••	$\frac{1}{1000} \frac{\text{ondesite flows}}{(\text{Karunaltered}, \text{Ka}_{a} = \text{attered}), unaltered dark olive}$	
TAC	manufacture and the second sec	* beyond scope of this project to subdivide intrusive rocks.	brown to dark gray, altered light gray, light	
RE	Ks terrigneous rocks		yellowish brown to moderate reddish brown (leached cap); porphyritic, brecciated, vesicular, locally bears	
0		*	copper and iron mineralization.	
ſ	unconformity		unconformity	
U	CMD undifferentiated marine sedimentary rocks			
102	CMD undifferentiated marine sedimentary rocks Carboniferous, Mississippian and Devanian			
G				
PALEOZOIC	Ordovician: Longfellow Limestone, shales and limestones			
	Cambrian: Coronado Quartzite			
PRECAMBRIAN	unconformity	unconformily	•	
ABP				NOTE
CAA	p-Ep Pinal schist	p€gr granite		This is a master ex the rock types m
REC	here's accounted	Morenci area only		boundaries. Of cour not occur in e
0				





36 AZ 1 KCC grazing KCC grazing AIRPORT @ bx pipe @ DD# Note: Reserve Estimates Town Towne Mines Exploration R.D. Preliminary Geology + Claims (212) 1: 62500 James D Loghry SAFFORD Rid Hoffman Pres. (212) 244-1629 3/14/73