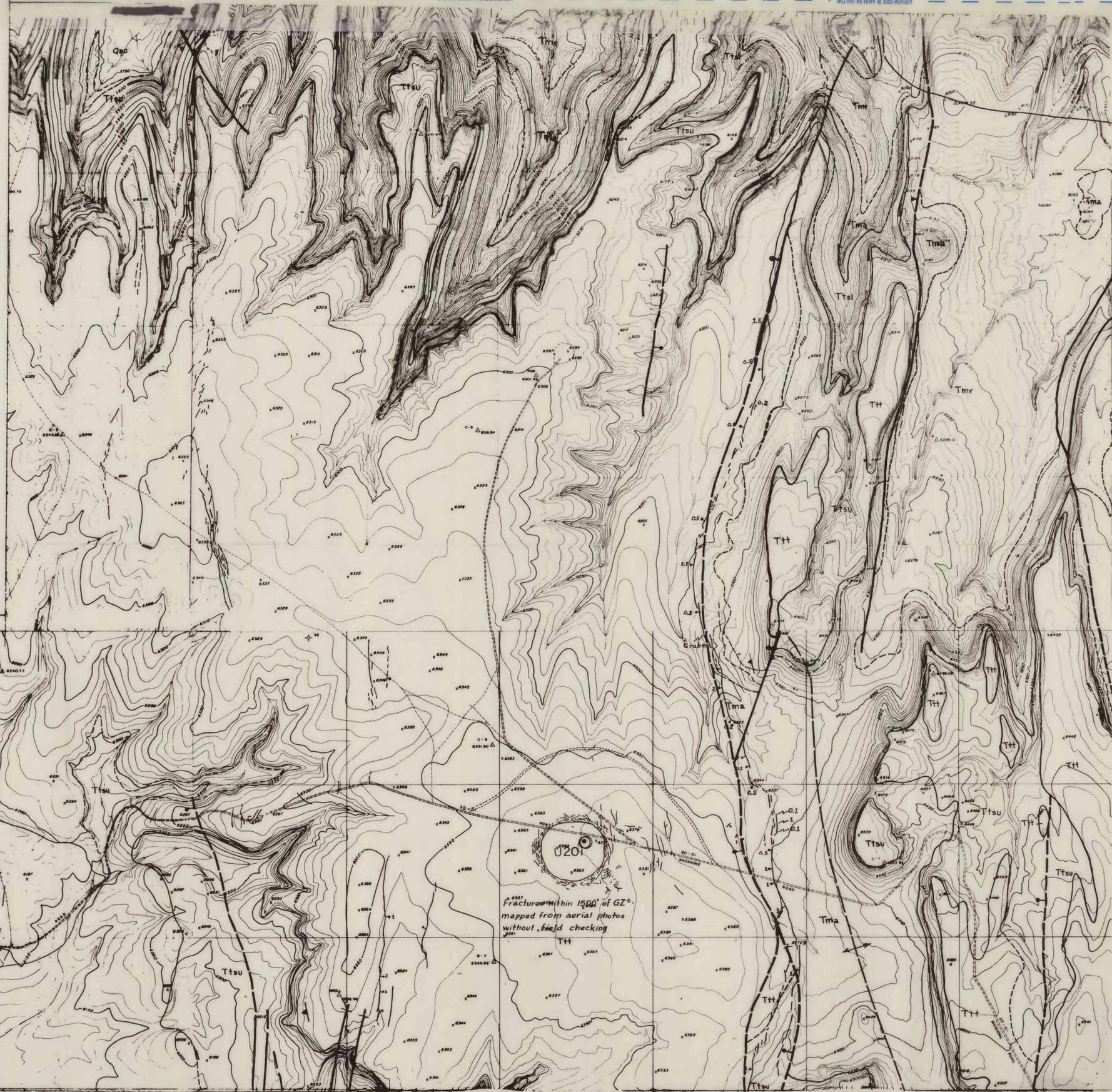


FIGURE 2A.-MAP SHOWING FRACTURES PRODUCED BY BOXCAR EVENT (NORTH 1/2)

0 2000 FEET

LIBRARY PROPERTY  
Special Projects Branch



EXPLANATION

Pliocene	Thirsty Canyon Tuff	Qac	QUATERNARY
		Alluvium, colluvium and talus	
Tertiary	Timber Mountain Tuff	Ttt	TERTIARY
		Ttsu	
		Ttsl	
		Thirsty Canyon Tuff Trail Ridge Member Spearhead Member Ttsu, upper part Ttsl, lower part	
		Tlr	
		Rhyolite of Ribbon Cliff	
Tma	Ammonia Tanks Member		
Tmr	Rainier Mesa Member		

Contact  
Dashed where approximately located

Fault  
Dashed where approximately located,  
dotted where concealed; bar and ball  
on downthrown side

Anticline  
Showing trace of axial plane and direction  
of plunge of axis. Dashed where ap-  
proximately located. The anticlines are  
believed to be formed over buried  
topographic highs and are not products  
of compressive forces

Explosion-produced fractures;  
showing direction and amount of  
relative movement in feet.

Explosion-produced fractures;  
Bar and ball on downthrown side, number  
shows amount of displacement, in feet

Ground Zero

← RD should be added here as per mental 5/21/64

Fractures mapped by F. A. McKeown, G. E. Brethauer, D. D. Dickey, W. L. Ellis, W. H. Lee

Geology from work of E. B. Ekren, R. E. Anderson, P. P. Orkild, E. N. Hinrichs, R. L. Christiansen, and D. C. Noble