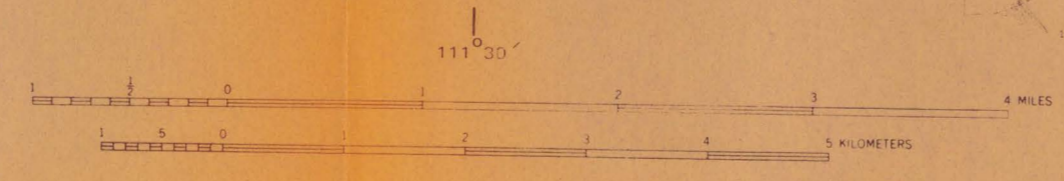
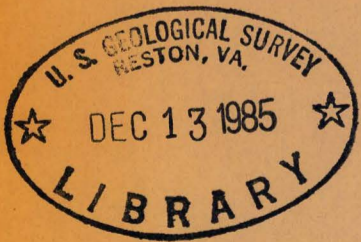


EXPLANATION	
QUATERNARY	<ul style="list-style-type: none"> <li>Qa ALLUVIAL DEPOSITS—Poorly sorted mixture of material ranging in size from clay to boulders. Beds appear to be lenticular and discontinuous. Some older alluvium included.</li> <li>Qa GLACIAL DEPOSITS—Outwash and morainal deposits.</li> </ul>
TERTIARY	<ul style="list-style-type: none"> <li>Tv IGNEOUS ROCKS—Primarily extrusive igneous rocks, chiefly andesitic pyroclastics with some intercalated flow rocks. Includes some intrusive igneous rocks in the southern part of the area.</li> <li>Tk KNIGHT CONGLOMERATE—Gray and reddish conglomerate in massive beds, chiefly fluvial.</li> </ul>
CRETACEOUS	<ul style="list-style-type: none"> <li>Kcc ECHO CANYON CONGLOMERATE—Conglomerate and conglomeratic sandstone and some shale.</li> <li>Kw WANSHIP FORMATION—Marine sandstone and shale.</li> <li>Kf FRONTIER FORMATION—Nonmarine and marine sandstone and shale.</li> <li>Ka ASPEN SHALE—Dark-gray marine shale.</li> <li>Kk KELVIN FORMATION—Continental deposits, predominantly red colored.</li> <li>Jp PREUSS SANDSTONE—Nonmarine siltstone and sandstone.</li> </ul>
JURASSIC	<ul style="list-style-type: none"> <li>Jrn TWIN CREEK LIMESTONE—Olive-drab weathering, pencil-jointed silty limestone.</li> <li>Jrn NUGGET SANDSTONE—Pale-orange, medium-grained, cross-bedded sandstone.</li> </ul>
TRIASSIC	<ul style="list-style-type: none"> <li>Tr Anka ANKAREH FORMATION—Reddish-brown, reddish-purple, or bright-red shale, mudstone, and sandstone in upper and lower parts. Massive, crossbedded, white to pale-purple, coarse-grained to pebbly quartzite in middle part.</li> <li>Tr Thay THAYNES FORMATION—Brown-stained, fine-grained limy sandstone and siltstone interbedded with olive-green to dull-red shale and gray, fine-grained, fossiliferous limestone.</li> <li>Tr Ws WOODSIDE SHALE—Dark-red or purplish-red shale.</li> </ul>
PERMIAN	<ul style="list-style-type: none"> <li>Pw PARK CITY FORMATION—Pale-gray weathering fossiliferous and cherty limestone containing a medial phosphatic shale member.</li> </ul>
PENNSYLVANIAN	<ul style="list-style-type: none"> <li>Pp WEBER QUARTZITE—Pale-gray, tan weathering quartzite and limy sandstone with some interbedded gray to white limestone and dolomite.</li> <li>Pp RV ROUND VALLEY LIMESTONE—Pale-gray limestone.</li> </ul>
CONTACT	
<ul style="list-style-type: none"> <li>--- HIGH-ANGLE FAULT—Dashed where approximately located.</li> <li>---▲--- THRUST FAULT—Dashed where approximately located; dotted where concealed; sawteeth on upper plate.</li> <li>--- ANTICLINE—Dashed where approximately located.</li> <li>--- SYNCLINE—Dashed where approximately located.</li> <li>--- BOUNDARY OF STUDY AREA AND DRAINAGE DIVIDE.</li> <li>--- BOUNDARY BETWEEN PROVO RIVER AND WEBER RIVER DRAINAGE BASINS.</li> </ul>	

(200)  
R290  
Mo. 85-638



from U. S. Geological Survey, Heber City, Utah, 1955; Francis, Waship, 1967; Dutch Hollow 1961-(75 PR), Brighton, Utah, 1961; and others (1970) and Beardsley and Cullender (1971).

MAP SHOWING GENERALIZED GEOLOGY, PARK CITY AREA, UTAH

Geology modified from Stokes (1964); Baker and others (1968); Callender and others (1966); Baker (1970); Brown (1961 and 1962); and Beardsley and Cullender (1971).