U.S. GEOLOGICAL SURVEY
CHARLES D. WALCOTT, DIRECTOR

STRUCTURE-SECTION SHEET

UTAH
TINTIC SPECIAL MAP

112°10′ R.3 W. 5′ R.2 W. 112°00′ R.1 W. 111°55′
40°00′ T.9 S. T.10 S. T.11 S. T.12 S. 39°45′

LEGEND

SURFICIAL ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Pal	Pal	Alluvium *(stream gravels, sand, and silt)*
Pl	Pl	Bonneville lake beds *(sands and gravels in terraces, bars, and deltas)*

PLEISTOCENE

SEDIMENTARY ROCKS

SHEET SYMBOL	SECTION SYMBOL	
Ch	Ch	Humbug formation *(alternating beds of fossiliferous sandstone and limestone)*
Cg	Cg	Godiva limestone *(blue and black fossiliferous limestone)*
Cmo	Cmo	Mammoth limestone *(gray and blue dolomite and dolomitic limestone)*

CARBONIFEROUS

Ct	Ct	Tintic quartzite *(massive quartzite with clay slate at top)*

CAMBRIAN

IGNEOUS ROCKS

SHEET SYMBOL	SECTION SYMBOL	
bs		Basalt dikes and sheets
mz	mz	Monzonite *(porphyritic in part)*
an	an	Andesite *(lava flows and tuffs; latite in part)*
prh	prh	Packard rhyolite *(flows and sheets)*
frh	frh	Fernow rhyolite *(lava flows)*
srh		Swansea rhyolite *(intrusive bodies of 'quartz-porphyry')*

NEOCENE ?

Faults

4000 feet above sea level

Scale 1/62500
1 ½ 0 1 2 3 4 Miles
1 ½ 0 1 2 3 4 5 Kilometers

R.U. Goode, Geographer in charge.
Triangulation by S.S. Gannett.
Topography by R.B. Marshall.
Surveyed in 1897.

S.F. Emmons, Geologist in charge.
Geology by George Warren Tower, Jr. and George Otis Smith.
Surveyed in 1897.

Edition of Jan. 1900.