Cartographer:
Make all contacts solid.
Use dot, dash, and solid for faults
as shown here.

See enlarged greenline map for labeling and symbols in congested areas - We want all detail on the 1:12K greenline to be on the 1:24,000 scribed map - the labeling on the greenline is correct

The area is with additional contacts is labeled Ki and Knb and is colored purple on the yellow and green

MP 99-2

Interim Geologic Map of the Wales Quadrangle, Sanpete County, Utah

by

T.F. Lawton and M.P. Weiss

Utah Geological Survey Open-File Report 312 November 1994

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WALES QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1965

Polyconic projection. 1927 North American datum
10,000-foot grid based on Utah coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue

Fine red dashed lines indicate selected fence lines

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1965 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Cartographer: Old symbol → New Symbol

Old symbol	New Symbol
Qav	Qal
QTav	QTal
ms1 or Qms1	Qmsu
ms2 or Qms2	Qmst

D on faults to →

Ki to Kfp1, Kfp2, Ks } see 1:12K enlargement

Kf to Kfu, Kfl

Please reorient circled symbol

Cartographer - make all teeth solid on thrust faults

This map has all the contacts and faults shown on the 1:12,000 enlargement. The enlargement has more strikes and dips and labels and fold symbols that need to be added to the map. Cartographer - USE 1:12,000 greenline for strike and folds and detailed areas (This is the agreement we made with authors so we wouldn't have to publish the 1:12,000 map - see Jim S. or Grant W. if you have questions)

Geology by T.F. Lawton & M.P. Weiss
revised 2 Dec. '93

received Dec 95
with author corrections
ready for publication

Field mapping by Weiss 1978-1979 and Lawton 1987-1991.

Medium-duty — Light-duty
Unimproved dirt
State Route

WALES, UTAH
N3922.5—W11137.5/7.5

1965

AMS 3662 I NW—SERIES V897