DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
UTAH GEOLOGICAL AND MINERALOGICAL SURVEY

MISCELLANEOUS FIELD STUDIES
MAP MF – 637
SHEET 1 OF 2

PINE VALLEY HARDPAN NORTH

GRASSY COVE

L. F. Hintze master Quaternary compilation map for Beaver County using 1:20,000 aerial photos — February 1969

Note: Fitz Davis's system of using Qaf_1 (alluvial fan) designation for the stream meanders on the floor of this lake basin produces some ambiguities in identifying contacts between Qlf and this lake floor Qaf. In Tlas is because Qaf_1 is both older and younger than the short-lived depositional record left by the temporary lake. The shoreline of the lake is identifiable only in a very few places, having been destroyed by alluviation.

Highest remnants of lake gravel — See High Alt photo Row 36.

Inferred highest lake shoreline destroyed by alluvial fan runoff

Lower larger gravel bars

Lake shore position here inferred only by projection. Nothing shows at that elevation on the aerial photos

Wah Wah Summit Photo Row 12A

PINE VALLEY HARDPAN SOUTH

WAH WAH SUMMIT

BASE FROM U.S. GEOLOGICAL SURVEY,
1:62500, 1960

SCALE 1:48 000

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

APPROXIMATE MEAN DECLINATION, 1960

QUADRANGLE LOCATION

Geology by L. F. Hintze, 1971, in part modified from mapping by members of Brigham Young University Geology Field Camps, 1959, 1971.

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1962