

BEDROCK GEOLOGIC MAP OF THE MIST AREA, COLUMBIA COUNTY, OREGON.

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PLATE -1

CORRELATION OF MAP SHEETS



WASCO RIVER BASALT GROUP: COMBINATION OF TWO
HYPOTHETICAL TYPES: TYPE 1 (DARKER) BASALT; TYPE 2 (LIGHTER)
SPINDLE GYRIFICATION TYPE.

TA

AFTORIA FORMATION: POORLY CONSOLIDATED SILTIC
ARKOSIC TO QUARTZOSE FINE GRAINED SANDSTONE AND
SILTSTONE, BASAL CLAST CONGLOMERATE CONSISTS
PREDOMINANTLY OF COLUMBIA RIVER BASALT CLASTS,
WELL DEVELOPED PRIMARY STRUCTURE, THICK CROSS-
BEDDING AND MICK RIFFLE LAMINATION COMMON.

TPs

PITTSBURG BLUFF FORMATION: SILTSTONE MEMBER
(NORMAL); GRAY TO OLIVE GREEN, THICK BEVER,
STURBATED, POSSIBLY ARKOSIC VERY FINE
GRAINED SANDSTONE AND SILTSTONE WITH MILD
METASOMY.

TPI

PITTSBURG BLUFF FORMATION: LAMINATED MEMBER
(NORMAL); DARK GRAY TO BLACK, FINELY LAMINATED
MUDSTONE AND INTERBEDDED LAMINATED ARKOSIC
SANDSTONE, LAMINATED MUDSTONE PREDOMINANT.

TK

HEALEY FORMATION: GRAY, TUFFACEOUS, CONCRETIONARY,
FOSSILIFEROUS MUDSTONE AND SILTSTONE WITH MILD
METASOMY.

DESCRIPTIVE SYMBOLS

Strike and dip of bed

Contact, long-dashed where approximately located,
short-dashed where inferred.

Fault, long-dashed where approximately located,
short-dashed where inferred; slip shows where known
or is on downthrown side.

22 1/2°



APPROXIMATE MEAN DECLINATION, 1955



MAP SCALE 1:31,680

CROSS-SECTION SCALE

HORIZONTAL 1 inch = 200 feet

VERTICAL 1 inch = 500 feet

