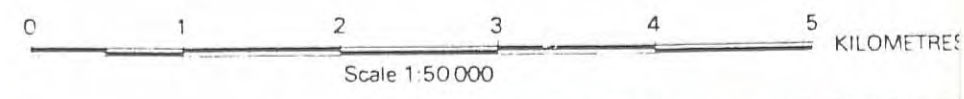


LEGEND

- 7 REFRIGERANT CRYSTAL ASH TUFFS AND FLOWS
PALE REDDISH GREY TO DARK RED-BROWN QUARTZOSE BIOTITE HORNBLENDE PLAGIOCLASE PORPHYRY ASH FLOWS. THE ROCKS CONTAIN MINOR SANIDINE AND RARE AUGITE. WELDING IS WIDESPREAD AND RANGES FROM INCIPENT TO EUTAXITIC. LOCAL ORANGE TO BROWN VITROPHYRIC CLASTS ARE COMMON. INCLUDES LAPILLI TUFF AND BRECCIA UNITS AS WELL AS MINOR LAYERED GROUND SURGE DEPOSITS.
- 6 PALE PURPLE GREY AND GREEN BIOTITE AUGITE HORNBLENDE PLAGIOCLASE PORPHYRY FLOWS. SOME AUTOBRECCIATED FLOWS. MINOR SILLS AND PLUGS. SOME CRYSTAL AND LAPILLI TUFF.
- 6A CONGLOMERATE OR LAHAR DERIVED FROM UNITS 6 AND 6B WITH GRADED AND CROSSLAMINATED MUDSTONE AND SANDSTONE INTERBEDS. DEBRIS FLOWS LAPILLI AND CRYSTAL TUFFS.
- 6B FLOWS SIMILAR TO UNIT 6 BUT CONTAINING SPARSE ORTHOCLASE MEGACRYST.
- 3 GREEN TO GREY QUARTZOSE PYROXENE (?) BIOTITE HORNBLENDE PLAGIOCLASE PORPHYRY FLOWS AND TUFFS. QUARTZ CONTENT RANGES FROM NEGLIGIBLE TO ABOUT 3 PER CENT IN THE NORTH FLOWS PREDOMINATE WITH LOCAL FLOW BRECCIA LAPILLI TUFF AND RARE WELDED TUFF UNITS. TOWARD THE SOUTH A FLOWS ARE COMMON INCLUDING RARE SURGE DEPOSITS. THE UNIT CONTAINS EXTENSIVE ZONES OF EPIDOTIZED, PYRITIC ROCK WITH CHARACTERISTIC SPARKING MON. PINK AND ORANGE PLAGIOCLASE CRYSTALS.
- 2 CONGLOMERATE WITH SOME GRANITIC CLASTS. GRADED CROSS-BEDDED GREYWACKE WELL-BEDDED CRYSTAL TUFF EPICLASTIC SEDIMENTS. LOCAL LAMINATED CALCAREOUS SILT (MARL). RARE THIN LIMESTONE AND CHEPT. LOCAL COARSE LANDSLIDE DEBRIS AND LAHAR. IN PART OR TOTALLY EQUIVALENT TO UNIT 6A.
- 1 PALE REDDISH GREY TO DARK RED-BROWN QUARTZOSE BIOTITE HORNBLENDE PLAGIOCLASE PORPHYRY ASH FLOWS. THE ROCKS CONTAIN MINOR SANIDINE AND RARE AUGITE. WELDING IS WIDESPREAD AND RANGES FROM INCIPENT TO EUTAXITIC. LOCAL ORANGE TO BROWN VITROPHYRIC CLASTS ARE COMMON. INCLUDES LAPILLI TUFF AND BRECCIA UNITS AS WELL AS MINOR LAYERED GROUND SURGE DEPOSITS.



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After Diakow, Pantaleyev and Schroeter
(1985) Scale 1:50,000 (Reduce 1:100,000)

Date Jan 1987
Revised March 88

NTS 94E/6W **FIG. 3**

