



ISOMETRIC DRAWING OF GEOLOGIC SECTIONS THROUGH MANGANESE MESA, SHOWING VARIATIONS IN THICKNESS AND CONTINUITY OF THE MANGANIFEROUS ZONE OF THE CHAPIN WASH FORMATION AS INTERPRETED FROM DRILL HOLES. LINES OF THE SECTIONS ARE SHOWN ON PLATE 2.

EXPLANATION

- Qal
Alluvium
- Qb
Basalt
- Ts
Sandtrap conglomerate
- Tc
Cobwebb basalt
- Tcw
Chapin Wash formation
(Manganiferous beds shown in red)
- ggs
Granite, gneiss and schist

QUATERNARY? QUATERNARY
TERTIARY
PRE-CAMBRIAN

3
Diamond-drill hole
(Letter B indicates hole drilled by U.S. Bureau of Mines)