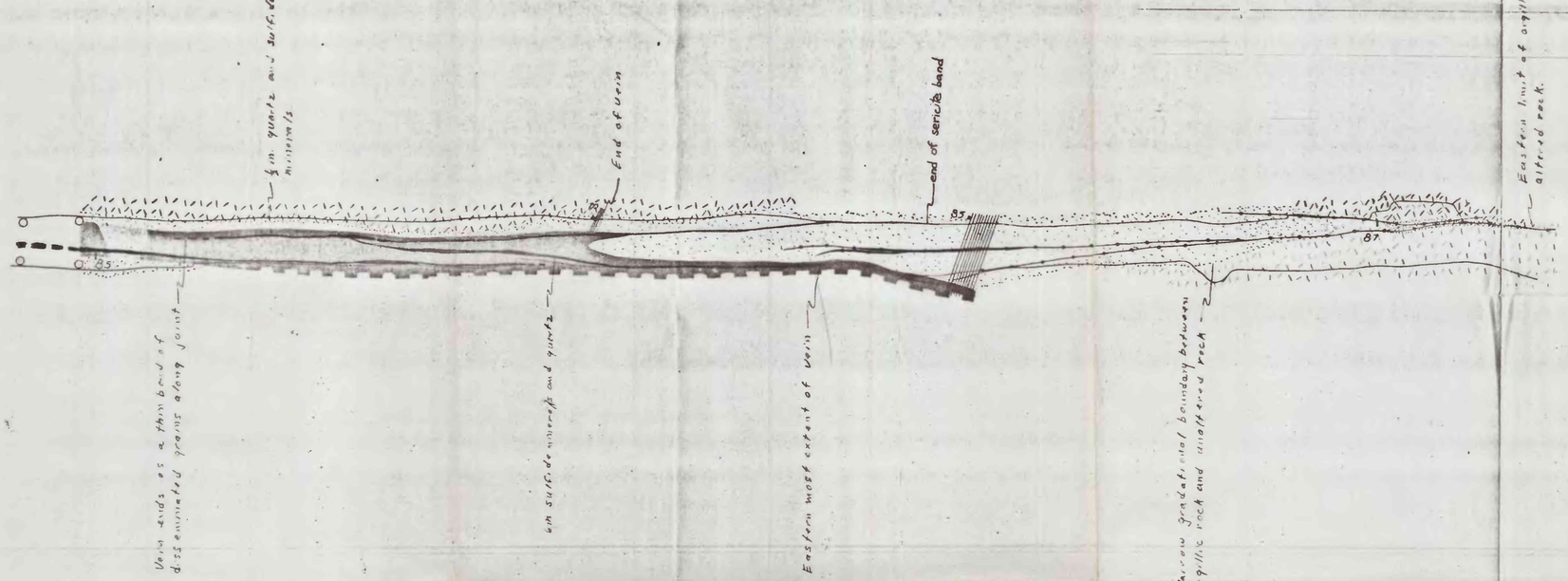
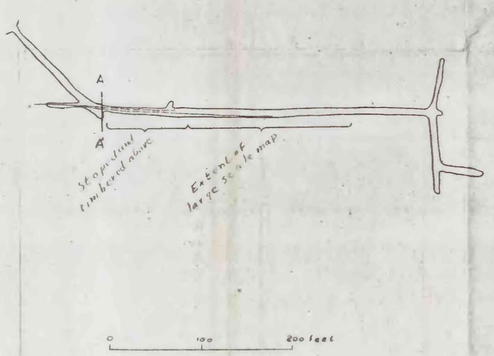
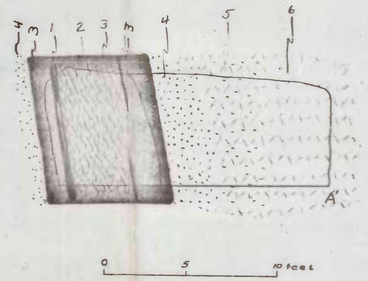
65-123







DMP and JB 1959

Fig 5 B

1. Quartz vein containing pyrite galena and sphalerite.
2. Sheared rock.
3. Sericite band; quartz monzonite in which both feldspars have been converted to sericite.
4. Argillic band; quartz monzonite in which plagioclase has been converted to clay: kaolinite near the sericite band, montmorillinite farther away.
5. Gradational edge of argillic band; rock in which only part of the plagioclase has been converted to montmorillinite.
6. Unaltered quartz monzonite.

Explanation

Fissure zone.

Persistent joint.

85

Quartz-pyrite vein containing galena and sphalerite, showing dip; dashed where discontinuous or projected.

87

Tourmaline aplite, showing dip.

85

Zone of joints, showing dip.

Disseminated pyrite.

Sericite band, dashed where projected

Kaolinite and montmorillinite bands, undivided.

Quartz monzonite.

Mine workings, showing portal and timber

N

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Surv. standards and nomenclature.

0 10 20 30 40 feet

Figure 5 Geology of the Bunker Hill Mine (Lower Adit) - Showing Relation of Structure, Mineralization, and Alteration

DMP and JB, 1959

Fig. 5 A