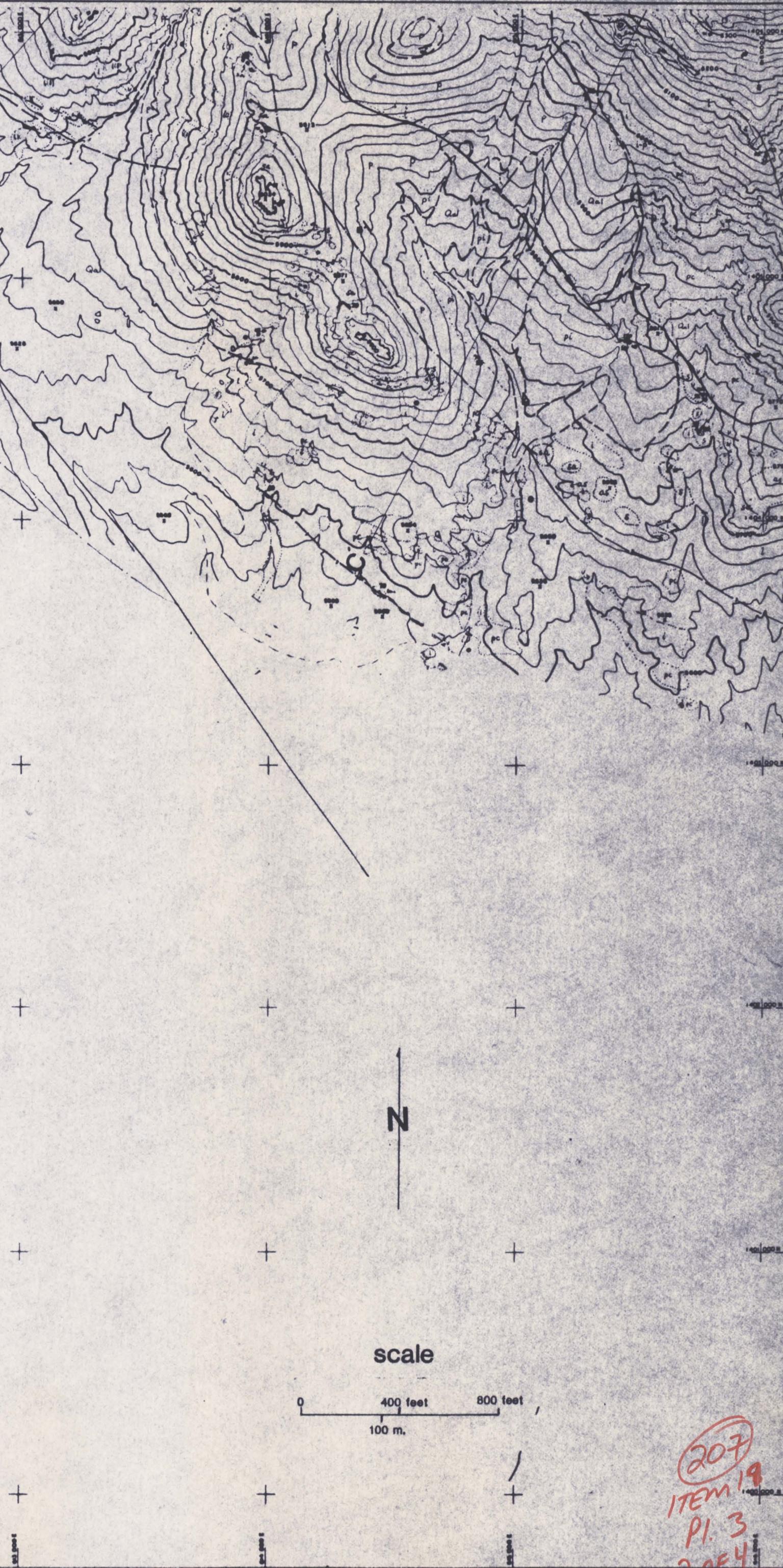


PLATE 3

ALTERATION MAP

LEGEND

- [PA] Propylitic alteration, Anomaly area . Weakly altered to fresh dark brown rock sparse calcite ,no chlorite,magnetite present.
- [PC] Propylitic alteration , Copper cliff area . Pervasive,strong alteration,rock greenish , abundant calcite-chlorite, magnetite altered to hematite +pyrite.
- [P] Propylitic alteration , Tbs unit . Minor amounts of calcite & chlorite . Magnetite locally present.
- [PI] Transition from propylitic to illite montmorillonite zone . Incipient bleaching Increase in clay fraction. Calcite-chlorite still present.
- [I] Illite-montmorillonite (I-M) zone .Rock bleached to yellow-white ,with locally abundant iron staining. Abundant clay (mostly I-M in CCF area ;mont. In Anomaly area) , calcite usually missing.
- [IN] Indurated outcrops of I-M alteration. Forms resistant ledges .
- [IK] Transition be to kaolinite zone . White soft rock. Clays are I-M -kaolinite in CCF and mont.-kaolinite in the Anomaly.
- [K] Kaolinite zone. White soft rock . Kaolinite is dominant clay.Usually too narrow to be mapped and included in adjacent zones.
- [S] Silicified zone. Rocks form resistant, goethite stained ledges. Feldspars kaolinitized or leached. Silification usually irregular in intensity and distribution. Rare barite .
- [V] Silicified vein center. No relict eutaxitic textures. Locally open space growth of euhedral quartz . In Anomaly area - dark pyrite rich narrow veinlets, with encapsulated kaolinitized feldspars.
- [SA] Silicified ledge Presence of alunite in addition to quartz and kaolinite. Minor amounts of iron oxides.
- [AS] Alunite silica. Rounded , white hard outcrops. Alunite in feldspar sites as pink brittle platelets
- J Jasper
- Outlines of outcrop. ?-Inferred alteration.



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