Suggested Color Scheme

Cuprite

CUPRITE DISTRICT- EXPLANATION

QUATERNARY

Qal / QTb — Alluvium, basalt flow. #735 1/2

TERTIARY

Ttc — Spearhead Member of Thirsty Canyon Tuff, welded ash flow. #736

Trp — Rhyolite porphry, plug-like intrusive (?) masses. #750

Ts — Siebert Tuff, tuffaceous lake beds, conglomerate, diatomite. #737

Tv — Volcanics, flows of rhyolite, andesite dikes, ash flows. #742 1/2

CRETACEOUS (?)

KTfp — Felsite porphyry, elongate intrusive masses. 743

Kqd — Quartz diorite, probably a sill, foliated. #760

CAMBRIAN

Ce — Emigrant formation, limestone, black chert, silstone. #742

Cms — Mule Spring formation, limestone with algal structures. #746

Ch — Harkless formation, siltstone, quartzite, minor limestone. #739 1/2

ALTERATION

Chalcedony, kaolinte, native sulfur.

Marbleization of limestone.

743 1/2 — mag — Magnetite tactite, veins and pods.

745 — 80 — Veins: quartz and iron oxides, commonly copper-bearing.

gar — Garnet veins or disseminated crystals.

SYMBOLS

40 — Bedding attitude.

40 — Joint attitude.

Anticlinal axis

U / D — Fault, U, upthrown side, D, downthrown side.

• 37013 — Geochemical sample site and number.

Shaft

Adit

NOTE: THIS EXPLANATION ACCOMPANIES GEOLOGIC MAP OF THE CUPRITE DISTRICT AREA, ESMERALDA AND NYE COUNTIES, NEVADA (PLATE 4).

Conoco-Cuprite District 86

13200020

Item m1