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Figure 1: GEOLOGY OF THE COMSTOCK OPEN-CUT AREA showing drill-hole projections

K.D. Corbett 1989

with acknowledgement to P. Komysan and Renison Gold Fields Ltd.

SCALE 1:5000

5 cm

LEGEND & STRATIGRAPHIC SEQUENCE

- Qpg** Pleistocene glacial moraine
- ORDOVICIAN-LATE CAMBRIAN**
- Og** Gordon Limestone
- Osh** Yellow siltstone - D.H. C62 only
- Oo** Pioneer Beds
- Oo** Owen Conglomerate
- CAMBRIAN-MT READ VOLCANICS**
- TYNDALL GROUP**
- JE** Volcaniclastic conglomerate & sandstone - 'Jukes Formation' (upper Tyndall Group)
- CT** Comstock Tuffs with included siltstone-sandstone units
- Sh-ss** Sedimentary unit - interbedded siltstone, sandstone, limestone, tuffs
- Lst** Limestone - generally pink, sandy, hematitic, with fossils in places. Seen only in drill core.
- Ch** Chert - varies from massive to brecciated to conglomeratic with interbedded sericite layers.
- And** Andesitic agglomerate, breccia, lava & tuffs, with intercalated quartz-phyric units, sandstone & conglomerate. Some lava units and quartz-phyric units shown.
- Co** Conglomerate & conglomeratic tuffs, with rounded siliceous clasts to cobble size. May include siliceous sandstone.
- CVC** Central Volcanic Complex - undifferentiated felsic volcanics & chloritic mafic-intermediate units (mainly intrusives?).
- Sulphide body**
- Silica-hematite alteration**
- Overprint indicates areas of schistose altered rocks with few primary textures preserved**
- Structure contours on Owen Conglomerate (Great Lyell Fault) and Comstock Chert (Fitzgerald, 1988).**

