

a) Hematite/sericite Jukes Area. This style of veining and alteration is confined to proximity of Owen contact where it outcrops as resistant crags more or less continuously for 2 km, with maximum thickness of 100 m.

Alteration consists of system of hematite veins to 5 cm thick on joint planes with diffuse hematization spreading away from veins for up to 20 cm. The host is a massive to flow banded rhyolite lava which is foliated with sericitic pods on foliation.

At West Jukes Peak the alteration has been prospected by a 70 m tunnel Section 4414 Lake Jukes Pty. No signs of surface prospecting were located and Loftus Hills reports that it was considered by prospectors to be the oxidized part of a pyritic orebody lying on a steeply dipping conglomerate contact. The contact was not intersected and is probably shallow dipping.

Chip sampling from this area, best assay No. 11412 from adit walls 0-30 m Cu 250, Pb 860, Zn 40. Tin and tungsten assays only No. 11409, 11411 latter maximum Sn 80, WO₃ 140. All golds in the area were below detection limit.

This is an interesting style of alteration and may be of significance in interpreting the overall mineralizing system and potential of the area. Similar alteration is located on:

- Intercolonial Spur near Owen contact at 382500E/5325300N No. 12117. Two resistant knobs located 250 m west No. 12109 and