

Dave:

Rec'd

Dec 21/81

OB. BEAN, and DOME

All are porphyry-sized fossil hot springs in the rhyolite member of the Masset Formation. They have varying silica, sulfides, and widespread traces of gold. Next step is to find and check the feeders for vein deposits. There's some altered rhyolite along a NE fault at YELLOWSTONE that requires more work. The old style DINO claims are strictly vein targets. We've got a little geochem on one of them. We've also got three other vein showings; the EARLY BIRD, BLUES, and ELLEN on Moresby Island.

STRUCTURE

The northwest trending Sandspit fault is the obvious plumbing system for Cinola. However, O.B. and DOME are both on NE trending faults. In addition, there's bedded "exhalite" (chert) at DOME that's vertical and striking northeast.

Our unexpectedly low mag readings north of Masset Inlet end at one of Sutherland Brown's NE faults. He also shows some rhyolite on our YELLOWSTONE considerably higher in the section than it should be (see his section N-N' in the pocket). Also, the Masset volcanics are relatively shallow in Richfield's Masset No.1 well east of Masset Sound. A northeast set of horst and grabens over a collapsed dome?

Sorry the maps aren't the same scale. Would Kerr and Selco make good J.V. partners?

Cheers,



R. Woolverton

December 18, 1981.