

MINNOVA

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MINNOVA INC.

DATE: May 7, 1991

TO: Gary Wells

COPIES TO:

FROM: John Bradford

SUBJECT: **Deposits Within Trucking Distance of Samatosum**

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The map shows all Zn-Pb-Ag deposits within 100 km of Samatosum as the crow flies. It includes only deposits with geologically and drill defined reserves or target horizons (not including the Rea/Kamad lenses). No such deposits are known in map sheet 92P across the Louis Creek Fault to the west. (This fault marks the eastern boundary of the Intermontane Belt).

Deposits in the Eagle Bay Assemblage

1. Homestake
2. Lucky Coon/Elsie/King Tut
3. Mosquito King/Spar
4. Birk Creek

Deposits in the Shuswap Assemblage

With the exception of the CK, these sedex deposits are all of marginal grade, and wouldn't make the required NSR unless smaller high grade pods could be found. An additional problem with Jordan River, Ruddock Creek and Cottonbelt, is the lack of road access, and rugged topography. Colby seems to be more accessible, and is worth a field visit and further research into ownership, etc.

1. CK - see memo by Al Hill.
2. Ruddock Creek - 5 Mt, 7.5% Zn, 2.5% Pb
3. Cottonbelt - 0.75 Mt, 5% Zn, 6% Pb, 50 g/t Ag
4. Jordan River (King Fissure) - 2.6 Mt, 5.6% Zn, 5.1% Pb, 35 g/t Ag.
5. Colby (Kingfisher Creek) - <1 Mt, 7% Zn, <1% Pb