

Wild
889487
82G/14W
82GNW 050

To: Vic Preto, Manager, District Geology and Coal Resources

Re: MONTHLY REPORT, August and September 1990

Introduction

The IAGOD mineral deposits tour through the Kootenay District went well and benefited from the input of Jim Fyles for the portion west of Creston. I was surprised to learn that the Sullivan deposit is on university geology exams in China! The benefit of such trips is that discussion with foreign geologists expands your viewpoint of where mineral deposits can be found.

A number of summer drill programs have been completed in the East Kootenays. These include Star (9 ddh), Cash (17 ddh of 150 metres), Eng (5ddh). None of the Sullivan plays has had significant success. My guess at current properties to watch include Katie near Salmo (drilling by Noranda pending on this copper-gold porphyry), Wilds Creek (drilling by Kokanee on stratabound zinc) and the Summit by Yellowjack Res. (gold in limestone-potential stockwork). This month's report focuses on the East Kootenays.

Exploration

Kokanee Explorations Ltd. has begun drilling on the Wild Claim near Wyndell (82F/2). This is a property whose assessment work has been poorly documented but has reputed to contain geologic reserves of 500000 tonnes at 5-6 per cent zinc. Sphalerite occurs in two apparently stratabound units within the Dutch Creek Formation. The Dutch Creek Fm. consists of interbedded green quartz phyllite, black phyllite (with magnetite) and argillaceous limestone together with a very thin volcanic unit. The sphalerite occurs with coarse banded pyrite. It is often white to yellowish in color and the zinc content not apparent. The first drillhole intersected 2.5 metres of 10 per cent zinc. The property is interesting as the geologic environment suggests potential for sedex deposits. The favorable zones are open to the southwest but this is an area of overburden and increasing proximity to residential areas.

Both the Dutch Creek and Mt. Nelson Formations in the Kootenay Lake area are fertile ground for grassroots exploration. A search in minfile for barite occurrences could be one approach in assessing potential for sedex deposits.

Kokanee Explorations Ltd. is proposing to exploit the Vine deposit near Cranbrook (82G/5) with a small open pit (100000 tonne sample) given favorable results in close spaced percussion drilling. The economics are not there for an underground operation. A model of the deposit shows it has been tested for 375 metres along strike and for a depth

→ W/LD
(new)

→ U/NE
(Bar)