

CLISBAKO [MI 93C016] Re: Interior Plateau Project

On September 13th Bob Lane and I visited the Clisbako epithermal precious metal prospect located 105 km WSW of Quesnel. During 1992 Minnova, under the direction of Peter Tiersch and Dave Heberlein, carried out detailed 'custom-developed' induced polarization (IP) surveys, detailed geological mapping and related studies, trenching, and diamond drilling of **9 holes** totalling approximately **1400 metres**. The preliminary 19-hole 1991 program was inconclusive and probably rather disappointing. This year's program has at least focused the company on specific targets, as well as provided an excellent base for further property/regional work. The following number of holes were drilled on the following zones: South (3), North (0), West Lake (new-IP) (4), West Pit (new-IP) (1), Pond (new-IP) (1), and Tufa (1).

Extensive normal faulting (graben-related) has resulted in the development of numerous tilted blocks and complex geological relationships. Host rocks include a package of andesitic tuffs and rhyolitic ash-flow tuffs overlain by rhyolitic flows and ash-flow tuffs. Several known hydrothermal alteration (\pm mineralization) centres have been identified with intense silicification being the key ingredient. The 'best' grades obtained by drilling to date are in the 4 to 5 g/t range. The 1992 drilling program, particularly on the South Zone, defined a silicified, mineralized zone of 5 to 6 metres striking approx. N-S and dipping 45° to the west. The better values appear to be associated spatially and genetically with 'greyish' silica (@ 40°) veins and/or breccia rather than a later barren stage of white quartz breccia. Drilling has tested the system to a vertical depth of 50 to 60 metres; the potential still exists for **bonanza-type** shoots at depth. The question is: "Will Minnova decide to continue, seek a joint venture partner, or walk away?" To date, the gold values obtained appear too low/restricted to suggest any potential for a large bulk mineable deposit. Nevertheless, the potential may still exist regionally.

The **age** of the host rocks is still uncertain. It is **possible** that the subaerial rocks in this area are **younger** than (eg. Miocene?) the Ootsa Lake Group, and thus would represent a new occurrence of felsic volcanism of that age in the area. Katherine Dunne (MDRU) will be attempting some age dating, as well as other detailed laboratory studies. The Clisbako property offers an excellent 'geological laboratory' for examining a **Tertiary subaerial quartz-adularia epithermal** precious metal system. The 1:50 000 Regional Mapping INTERIOR PLATEAU PROJECT will be very interesting when it gets into this area.

A visit to Minnova's office in Vancouver was made on September 21st for follow-up discussions and further map and rock examinations.

[Reference: Clisbako - An Epithermal Precious Metal Prospect in "Exploration in British Columbia, 1991, Pt. B", and September 1991 Monthly Rpt. (Schroeter)]