

SOUP [MI-94D025] AND SOUTH SOUP [MI-94D105]

On August 24th and 25th, 1996 I accompanied Bob Lane and Ken MacDonald to the ^S soup gold-copper magnetite 'skarn' prospect, located 15 km east of Dortatelle Peak on the southwest facing slope of a ridge separating Croyden and Kliyul creeks. At least 3 massive northwest trending, statiform leases (or beds) of skarn horizons have been identified near the base of Takla Group augite porphyry flows and flow breccias. The skarn is magnetite- rich with appreciable concentrations of gold and copper (chalcopyrite). It has been hypothesized that the skarn horizons possibly represent the replacement of calcareous tuffs (AR# 16,655). The skarn occurs as a series of parallel lenses 1 to 5-metres thick over a strike length of several hundred metres. Gangue alteration minerals include epidote, actinolite and fine-grained garnet. Cross-cutting structures (faults?) contain similar mineralization within quartz-magnetite veins; these are the targets of the 1996 drilling campaign (i.e. not the massive bedded magnetite lenses).

During 1996, Athlone Resources Ltd. and Vital Pacific Resources Ltd. plan to drill approx. 1200m in 9 holes, with a budget of \$500,000. Only 1 hole will test the Soup South showing; the other holes will further test the Soup prospect. Jane Howe (Discovery Consultants Ltd., on behalf of Athlone and Vital Pacific) very kindly discussed the project and allowed us to examine core. At the time of our visit the first hole was near completion, having intersected a 20 to 30-meter mineralized zone of massive magnetite with quartz veinlets. The core from a 4-hole (abbreviated) drilling program by Hemlo Gold Mines in 1994 is neatly stored in a valley immediately west of the Kliyul/Soup prospects. The large gossan at the northend of 'Soup Ridge' is comprised mainly of intense quartz + ankerite + pyrite in a highly altered basalt.

[References: Schroeter Monthly Report Aug. '95, AR #s ?].