

of 800 metres. It consists of two principal veins along a fault structure which also contains a gabbro dike. The hangingwall vein is most persistent, up to 5 metres thick but averaging two metres. The mineralogy is galena, sphalerite, arsenopyrite, pyrrhotite, pyrite with most of the gold content at depth. Over one million dollars has been spent in 1990.

On Sept. 5 I examined core from the Star property (82F/1). The stock of Barkhor Res. Inc. had shot up to three dollars but has fallen to twenty cents. Additional drillholes have not repeated the initial results from the "bedded sulphide" zone. In core the sulphides (galena, sphalerite, pyrrhotite, chalcopyrite) are enclosed in coarse quartz bands which appear to be bedding sills of vein material. The quartz seems too coarse and crystalline to be syngenetic. The sulphides do show some convoluted features that some might interpret as contorted sulphide beds. In other core the quartz veining is more apparently erratic. The sulphides associated with the quartz sills may be related to Moyie gabbro sills. About 500000 dollars has been spent to date. Nine drillholes of about 300 metres each have been completed. Further work is on hold pending interest by a major. The property does have large areas of alteration (tourmalinisation, albitisation) and should not be dismissed because the geometry of known mineralisation is irregular and does not fit the Sullivan type.

Star
(Barkhor)

Exploration interest in the Cranbrook Creston area is migrating off the Sullivan time horizon and into the 1000 metres of stratigraphy above based on thin sulphide beds. Exploration work is facilitated by correlation of marker horizons which are given specific names. The geological talk is of Munroe time, Sundance time etc. on properties such as Star, Eng, Dodge.

Teck reports drilling at the Roo property, a red bed copper prospect in the Purcell Supergroup near Roosville (82G/2) was inconclusive.

Talks have taken place between personnel of the Kenville mine and Winchester Properties who hold an adjacent property (Royal Canadian) with similar mineralisation (gold and scheelite in quartz vein). The Kenville is a good property that may yet see production.

Domtar is test drilling a new area for gypsum. The south quarry at Lussier Creek immediately south of their present quarry is expected to go into production sometime next year.

Other drilling reported: Oldtimer claims (5ddh), Rely (5ddh for 2331 feet).