

August 1983

NOTES RE ROSELLA CREEK PLACER:

- (A) Short notes are written on overlay for BC5682-194
- (B) The 4 mile geology map indicates the placer to be in the east flowing section of Rosella Creek. Normint Mines were not working in this section during our visits. We do not know anything of the character of the gold nor of possible black sands.
- (C) In the creek west of Normints camp placer operations took place in 1983 with little success. JCS panned unsorted dirty glacial till where Ron Bergeron indicated values had been obtained - no gold, no black sand. JCS panned sticky yellow clay above bedrock - no gold no black sand. Martin Shutl panned on bedrock just below this area and obtained 4 flakes gold.
- (D) Verbal descriptions of gold bearing material and test pits are confusing. An interesting possibility indicated by these descriptions suggests glacial material from south and west met glacial material from west and north near the top of the 1983 placer workings and that values are contained in glacial material downstream from their point (6) only on the south side of the valley.
- (E) Some panned concentrates shown us, with gold, contained small pebbles barite up to 1/4"; very fine black crystals - probably garnet of about 40 mesh or smaller, very small pink to red clear garnet - looks almost gem quality - of about 40 mesh. These concentrates had had magnetic material removed and are similar to samples sent to Vancouver Petrographics.
- (F) Ron Bergeron had told us there was very little black sand concentrate with the gold. This seems to be the case in the creek west above

Normint camp. What the character of concentrate was in the creek east from camp we do not know. If these workings were also deficient in black sand it would indicate the gold did not come from the relatively magnetite rich Sylvester rocks to the west. A purported source in the Sylvester rocks does not seem likely either since glaciers from that area would have to be high enough to travel east over ice filled Long Lake - Gallic Lake valley. The source area for gold would be limited to Sylvester rocks above that elevation.

- (G) Placer gold is found in Dennis Creek and reportedly in "several other small creeks north and east of Poorman Lake" (Memoir 319 page 112). This suggests a source in rock units 1, 1a, 3 or 4 near the head of Rosella Creek. Presence of small garnets, lack of black sand may support this. There is a great deal of hematitic material in the west branch of Rosella Creek in the area of placer operation but this may have come from a very broad area since hematite beds are common.
- (H) Three talus samples from Unit 3 west of the west branch of Rosella Creek ran 16 to 83 ppm As but 10 or <10 ppb Au. Four rock samples including Fe carb alteration from this area also ran 10 or <10 ppb Au.

RECOMMENDATION:

Rock geochem units 1 and 1a primarily, but also some units 3 and 4 in the area between Poorman Lake and the head of Rosella Creek.