

842235 Gringo

RS-17

SUMMARY FOR TRAV ON JUNE 24/80

IN MORNING STOPPED ON GOSSAN JUST TO SOUTH OF NAHLIN MT NEAR WHERE LARRY DICK AND I SAMPLED PREVIOUSLY. THE QUARTZ-CARBONATE ALTERATION WAS WEAK AND SPOTTY BUT TRENDED ALONG NAHLIN FAULT STRIKE. ROCKS REALLY DIDN'T LOOK THAT GOOD.

THEN STARTED TRAV ALONG LINE OF GOSSANS BEHIND RIDGE TO NORTH OF TULIN LAKE. THE GOSSANS WERE QUARTZ-CARBONATE BODIES WHICH LAY ALONG THE TRACE OF THE NAHLIN FAULT. ALTERATION OF SERPENTINITES SEEMED TO BE THE CAUSE OF MOST OF THE QUARTZ-CARB. AS USUAL TEXTURES AND MINERALOGY OF THE QUARTZ-CARB WERE EXTREMELY VARIED. AT EACH O/C A SAMPLE OF MAJOR QUARTZ-CARB TYPES WAS TAKEN IN CASE AN MINERALIZATION IS ASSOCIATED WITH ONE PHASE OF ALTERATION. SAMPLES WITH A HIGHER NUMBER OF GENERATIONS OF CHALCEDONY (3 OR GREATER) RECEIVED SPECIAL ATTENTION. OTHER FAVOURABLE CRITERIA INCLUDED PRESENCE OF SULPHIDES, INTENSE BRECCIATION, FAULT GOUGE AND UGGY CAVITY INFILLINGS.

EXCEPT FOR ONE SAMPLE WITH SOME CHALCOHITE?, AZURITE, MALACITE POSSIBLY ALONG FRACTURES NO MINERALIZATION WAS NOTED. THE QUARTZ-CARBONATE ROCKS ARE HIGHLY FRACTURED AND TEND TO FORM RUBBLY O/C; IN SPITE OF THIS THEY STILL OUTCROP AS RESISTANT RUSTY KNOBS PROBABLY BECAUSE OF THEIR HIGH-SILICA CONTENT. (O/S) NO VEGETATION GROWS ON THE TALUS SLOPES FROM THE GOSSANS FORMING PROMINENT KILL ZONES.

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