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Mapping of NE Copper/Pear Claims Area

A total of 13 days was spent mapping an area defined as Lines 26E to 45E; 3+00S to 9+00N. Lithogeochemical samples were taken at 25m intervals and shipped to Min-En Labs for analysis using a standard MINNOVA package (oxides + Au, Ag). Outcrops of diorite and outcrops that had been previously sampled (1986 TGM86 and PCP series) were not sampled.

Traverses were conducted by two people (geologist and assistant) with each person covering one side of the line/east or west) in a zig-zag fashion. Hand samples were taken at every lithogeochemical location and, in addition, handsamples of the 1986 lithos were collected.

Mapping defined two diorite sills, striking approximately 105 to 115°. The southern sill has two areas of a more felsic intrusion (Qtz Diorite). Three old shafts are also located in this southern diorite. Bull quartz is found in the dumps from these shafts.

A variable package of andesite to dacite tuffs with Qtz - f.g. Phyrlic occurs between the two sills. Foliations are weakly to well developed at 090 - 115°/50-80° south. Sericite/chlorite alteration is weak to moderate; intense alteration is associated with the more highly foliated rocks.

A previously unmapped zone of Q.F.P. is located at the northern contact of the north sill (Lines 34 to 37E/ 4+50 to 5+00N). This QFP forms a 4-6m high cliff extending for approximately 80m.

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