

The Sampling program was carried out to try and clarify the relationship of the known showings and results of a previously run geophysical program (ULF EM, MAG & I.P.) A diamond drill program is to be implemented during the spring of 1987 and it is hoped that the current sampling program might define additional targets or help define existing ones.

A total of <sup>195</sup>~~197~~ soil samples were collected at 25 m intervals on lines spaced 100 meters apart. The samples were collected from the "B" horizon or that portion of the soil most closely approximating the "B" horizon.

In very rocky locations (generally near base of slope close to the main road) samples were not always available. Samples were collected at a depth of 12 to 40 cm using a long narrow spade or a grub hoe and a small trowel or stainless steel spoon.

The grub-hoe was found to be the most effective tool for penetrating the root layer and excavating the soil to a suitable horizon.

The nature of the soil, slope, colour, granularity, and nature and composition of rock fragments were noted.

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The Soils for the most part have a glacial till component. Locally, the soil may be developed totally from glacially derived sandy gravelly tills and glacial debris. A few soils ~~to~~ common to wet <sup>near</sup> or drainage systems did not have a developed 'B' horizon and were commonly composed of grey to blue grey clay rich material of probable glacial origin.

There is a pronounced break in slope with steeper gradient to the ~~NE~~<sup>E</sup> trending from approximately 0E, 6N to 4E, 14N and cresting to a <sup>gently</sup> ~~sloping~~ south sloping bench at approx. 2E 6N to 6E 14N. Outcrop of bedrock across this slope is virtually non-existent, although soils often have a component of angular, grey to black phyllites and schists. These rocks and occasional float boulders in the vicinity commonly have ~~at~~ 2-10% very fine grained sulphides.

Snow conditions on the upper gently sloping bench were ~~such~~<sup>such</sup> as to preclude extensive sampling in this vicinity. ~~Soils~~ Soils collected here ~~had~~ had a higher till and clay component.

A few rock samples were collected from mineralized outcroppings, float and old workings on quartz veins. A total of 195 soil samples and 4 rock samples were collected.

- ① ~~LOUTITTS~~ LOUTITTS ROADSIDE SAMPLES - RESAMPLE  
 [up to 2200 ppb in ditch (etc)]
- ② HAROLD SMITHS "B-B" SERIES ALONG ROAD  
 125<sup>m</sup> @ 25<sup>m</sup> sample spac of "high" gal values.  
 - RESAMPLE
- ③ 'small' Qtz Veins (less than 50 cm)  
 map frequency & assay for chem samples in area  
 ~ OE & 1E 8+00N to 9+00N
- ④ detail chip/channel sample old workings in  
 Qtz Veins @ 9+25N & 9+50N on OE line
- ⑤ detail sample Qtz Vein and altered wall rock  
 just west of Os 12+75N.
- ⑥ unmapped Qtz vein in road cut ~ 8+00N  
 (outcrop ~ 50<sup>m</sup> S of culvert ~~to~~ across rd just S of  
 parking spot above S ADIT.) - this may relate  
 to Beliki "Road Show" and can be mapped  
 with Qtz veins in item ③
- ⑦ detail sample all shears & Qtz veins in rd cut  
 above Adit particular attention should be paid  
 to any ~~with~~ shears (veins with Cu mineralization).

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