

## NBC Syndicate T.P. Project

A program of geological mapping & <sup>detailed fill in</sup> ~~fill in~~ soil sampling was conducted during the period August 28/69 - Sept. 4/69, by the writer & two helpers.

Heavy deadfall & thick debris chub created travel difficulties at elevations up to 4000', but above this conditions improved.

Geochemical soil samples were generally taken at 200' intervals along previously cut grid lines, with ~~one~~ selected areas sampled at 100' intervals. Fill in lines were flagged & chained where grid lines did not adequately cover ~~as~~ previously indicated anomalies. The buff-brownish "B" horizon was sampled exclusively, except for the following 4 locations, which are designated 'A' on the ~~the~~ geochemical map, and in which the black A horizon was sampled. Line 32 N & 24 E, line 60 N & 65 E, line 68 N & 88 E, & line 84 N & 68 E.

Detailed geological mapping from the grid revealed sparse scattered outcrop at higher elevations, & heavy overburden masking all traces of rock on the slopes of the mountain. ~~Any trace of~~. The rock encountered was predominantly a medium grained pyroxenite with occasional finer grained phases. Scattered occurrences of a gabbroic phase containing up to 50% plagioclase feldspar ~~within the intrusive~~ represent segregations within the intrusive, and do not appear to have any bearing on distribution of mineralization.

Widely spaced occurrences of very finely disseminated specks of chalcopyrite were noted in the areas indicated on the map, all occurring within the pyroxenite.