

Access.

It may thus be observed from a glance at the map that the facilities for cheap transportation of supplies—the shipment of the mine's product as well as the economical extraction and treatment of the same, is the very best.

Geology.

Although the immense basins of Eagle Lake and its deeply indented bays embraces both of the well and favorably known auriferous rock formations, including the Keewatin series of the Huronian together with, in places, as at the Viking, Baden-Powell, Northern Light and Grace Mines, a well defined line of contact with the altered trap and protogene granites. The latter formation being especially in evidence along the margin of the lake. Nevertheless it does not appear from a personal examination, that the altered granites or the "Protoene Granites" are so extensive inland, as a highly metaphoric slate occurs at various points along the junction; while on the Grace mining locations, various qualities of auriferous slates are seen along the line of contact, including the talcose, felsitic, micaceous and argillaceous. That a well defined line of contact exists there, is beyond question, and in this connection, when we consider the excellent results already attained under similar geological conditions at the **Regina, Sultana, Foley and Nlikado**, as also right at our own doors, and on the immediately adjacent new Gold Mines: **The Northern Light, Viking, Baden-Powell** and the **Golden Eagle**, upon all of which embryo mines such wonderful results in Gold are now being obtained by pan amalgamation, by assay, and by free milling (under difficulties) as at the primitive "Eldorado Mill" it certainly, after inspecting the ore in your series of six well defined quartz veins, requires no great stretch of imagination to assume that when the Grace Mine is operated upon a liberal capitalization and with up to date machinery the profits should be enormous! Already, even at this early stage of development, the main auriferous quartz veins and reefs inspected in open cuts, and in shafts, ranging in depth of 10-20 and 30 feet, and in places with even over 4 feet in width of rich "pay streak" exposed, one may well be pardoned for expressing the belief in a **great future** for not alone productiveness in Gold, but **permanency** besides.

Auriferous Veins.

Upon completion of the work of inspecting the principal working shafts and the important work of driving your tunnel through the bluff, from margin of lake to intersect the No. 3 vein (since successfully accomplished), I secured some 23 odd samples of quartz from No.'s 4-5 and 6 veins at various points along their well defined course, all of which samples after careful assays yielded values in Gold ranging from \$23.00 to \$38.50 per short ton of 2,000 lbs., and this most encouraging result was from samples taken near the surface, and in