

the identity, under certain circumstances, as to lead to the presumption that they are continuous Veins of some of the Veins outcropping upon the Lake Coast. This I conceive to be a very important fact which being conclusively settled, fully establishes the fact of the value of this Location, and affords additional assurance of its importance. Those Veins occurring immediately upon the coast of the Lake, cannot be regarded of much importance unless they should be traced inland, and their position be determined in the more elevated lands in the rear. The ingress of the water from the Lake will be a serious difficulty to be encountered in sinking of shafts adjacent to the coast.

South and north of Vein No. 4, we discovered *eight* Veins varying in width from eight inches to five feet, and all carrying Grey Sulphuret, Yellow Sulphuret and Native Copper; owing to our limited time we could do no work on those Veins.

VEINS 13, 14, & 15

Situated in the bed of a small stream about three miles from the coast. Vein 13 is one foot wide, Vein Stone, Calcareous Spar and Quartz, carrying the Grey Sulphuret of Copper. Vein 14 is one and a half feet in width, Vein Stone, Calcareous Spar and Quartz, carrying the Grey Sulphuret. Vein 15 is three feet wide and about one and a half miles from Vein 13, in a north direction, Veinstone, Calcareous Spar and Quartz carrying Grey and Yellow Sulphurates of Copper; the course of these Veins is very nearly parallel with those before mentioned, being S. 45° E.

The Veins previously mentioned and designated by numbers, are separated from the Lake by a distance of from two to three miles, and when seen at the surface are elevated from four to five hundred feet above the level of the Lake; to certain extent spontaneous drainage can be effected in their further development.

In one instance the ore was ascertained to exist as abundant and as promising upon the surface of the Vein inland, as of those taken from the shore of the Lake. The experience of centuries has taught us that in Copper