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The Phoenix showing is on the same ridge, but on the east side, above Crofton, virtually due west of the southern end of Osborn Bay. A pit, 20' x 4' x 5' deep has been cut in a three-foot quartz vein, trending east-west, in sheared gabbro porphyry. About 200 feet north of the pit, the rock is much more schistose. The mineralization is identical to that at the Tidal Wave pit.

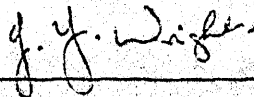
Mr. Highmoor took us up the road from Crofton past Crofton Lake and alongside an upper lake, now drained, in search of old diggings. We failed to find them. A quarry for riprap between the two lakes shows pyrite mineralization in sheared silicified gabbroic rocks. It is suspected that traces of bornite occur in these rocks. The road, as it passes the upper lake, follows the grade of the old Lenora railway which connected the mines on Mt. Sicker with the Crofton smelter.

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The Yreka workings are on Mt. Richards' southeast flank at a low elevation (450' est.). The water-filled pit plumbed only five feet, but it is suspected that an incline must start from the pit. The ore is chalcopyrite, in a quartz vein at least three feet wide, trending east-west. Specimens found beside the pit are estimated to run 3% Cu.

Another shaft with a considerable spoil pile is located about one-quarter of a mile west of the Yreka. Pyrite mineralization was observed, but little sign of copper.

This very brief investigation was sufficient to show that there is considerable silicification and shearing in the basic rocks of the area, accompanied by pyrite mineralization. Quartz veins and lenses are of fairly common occurrence, but are generally unmineralized. The Yreka showing is a noteworthy exception. There is enough promise in the area, particularly on Mt. Richards proper, to justify the expenditure of time and effort on a geochemical survey. A useful by-product of the survey will no doubt be a map showing the locations of the showings described above and all the access roads, many of which are not visible on air photos.



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