

MI-119-01

PRELIMINARY REPORT OF NICKEL PROSPECT, KARTA RIVER,
PRINCE OF WALES ISLAND, ALASKA KX 119-186
June 13, 1938

Location:

A nickel prospect was reported to the writer by Samuel Swenning of Ketchikan as being located 7 miles west of the west end of Salmon Lake and one mile east of the Constitution prospect, a total distance of 11 miles west of Karta Bay. This prospect was found 400 feet north of the Constitution trail at the above location along a small steep ravine, containing a small stream.

Showing and Geology:

The showing consists of an 18-inch vein cutting into the bank of the ravine at a low angle and exposed for 200 feet. This vein strikes N. 30° E. and dips 75° W. The hanging wall is a very fine grained porphyrite and the footwall is a hard dense trachyte. The vein is an altered and mineralized dike rock containing 20 per cent diopside in a fine quartz and feldspar groundmass, with a 10 per cent mineralization consisting of pyrite and pyrrhotite. This dike strikes to the northeast and apparently is associated with a gabbro mass in that direction. No work has been done on this outcrop and the surface is oxidized.

Sample No. 423 was taken across the dike on the northeast side of the creek across 18 inches. The results were nil in nickel. Former reports were that this dike ran 2% nickel.