

SPECTROGRAPHIC LABORATORY

MINES BRANCH: OTTAWA, CANADA.

SEMI - QUANTITATIVE SPECTROGRAPHIC ANALYSIS.

Sample submitted by Mr E.K. Swimmings

Report # 60-393 Plate # 4678 29 Dec 60. Sgd E.M. Kranck

	Element	Percent
Barium	Ba	0.02
Silicon	Si	2
Magnesium	Mg	0.03
Manganese	Mn	6
Copper	Cu	0.2
Nickel	Ni	0.6
Zinc	Sn	0.1
Chromium	Cr	0.3
Aluminum	Al	0.1
	V	0.008
Molybdenum	Mo	TR
Cobalt	Co	0.04
	W	0.2
	Ti	TR
Iron	Fe	Principal Content.

Note; The semi-quantative spectrographic method, because it is designed to handle a very wide variety of materials, can in consequence only furnish approximate results indicating order of magnitude. These results are not, in general, suitable as a basis of major policy decisions or actions, and where results are required for important policy purposes, fully quantitative estimations, either chemical or spectrographic should be requested.