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Table 1. Distribution of minerals[1/] in rocks and prospects of the Lost River area, Seward Peninsula

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Aresenopyrite....	-	-	-	s	-	-	-	-	-	s	-	-	-	-	-	-	-	m	m	M	-	-	M	-	-	-
Axinite.....	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cassiterite.....	m	s	M	s	-	-	m	x	-	s	s	s	m	-	s	-	M	m	m	-	-	-	-	-	-	-
Cerrusite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-	-	-
Chalcopyrite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	m	-	M	-	-	M
Cobalt.....	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Danburite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	m	m	-	-	-	-	-	-	-
Fluorite.....	M	-	-	M	M	M	a	x	m	M	-	M	M	M	s	m	-	-	-	M	-	m	M	x	-	m
Galena.....	-	-	s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M	-	-	x	x	-
Garnet.....	-	-	-	-	-	-	-	-	-	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hematite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-
Hornblende.....	-	-	-	m	M	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Humite.....	m	-	-	aM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Limonite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	m	M	-	-	-	-	-
Magnetite.....	-	-	-	-	-	-	-	-	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malachite.....	-	-	-	-	-	-	-	-	-	-	s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenite.....	-	-	s	-	-	-	-	-	-	-	-	-	s	-	s	-	-	-	-	-	-	-	-	-	-	-
Nickel.....	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plagioclase.....	-	-	-	-	-	M	-	x	-	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrite.....	-	-	m	s	-	-	-	-	-	s	s	-	s	m	m	-	-	m	-	-	m	-	-	-	-	-
Pyroxene.....	-	-	-	-	-	-	-	-	-	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrrhotite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	M
Quartz.....	M	s	-	-	-	-	M	x	-	-	-	-	bM	-	-	-	M	m	-	-	-	-	-	-	-	-
Sericite.....	M	-	-	-	-	-	-	-	-	-	-	M	-	M	-	m	-	M	-	-	-	-	-	-	-	-
Serpentine.....	-	-	-	M	-	-	-	-	-	-	-	-	-	-	-	m	-	-	-	-	-	-	-	-	-	-
Sphalerite.....	-	-	s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stannite.....	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-	-	-	-	-	-	M	-	x	-	-
Stibnite.....	-	-	s	-	-	-	-	-	-	-	-	-	-	-	s	-	-	-	-	-	-	-	-	-	-	-
Topaz.....	m	-	-	-	-	-	-	x	-	-	-	-	m	-	-	-	-	-	m	-	-	-	-	x	-	-
Tourmaline.....	s	-	-	-	-	-	-	x	-	-	s	-	s	-	-	-	-	m	m	-	-	m	-	-	-	-
Vesuvianite.....	-	-	-	m	-	-	-	-	-	m	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wolframite.....	m	s	M	-	-	-	m	x	-	-	-	-	m	M	-	-	-	-	-	-	-	-	-	x	-	-
Zinnwaldite.....	m	-	-	m	-	-	m	x	-	-	-	-	M	m	-	-	-	-	-	-	-	-	-	-	-	-

M - mineral reported as major constituent; m - mineral reported as minor constituent; s - mineral reported as sparse; x - mineral reported present; T - trace; a - local concentration; b - quartz probably replaced by fluorite

Rock types

1 - Replacement of quartz-porphyry dikes
2 - Fissure veins in quartz-porphyry dikes
3 - Metallic minerals associated with cassiterite in quartz-porphyry dikes
4 - Contact of limestone and quartz-porphyry dikes
5 - Replacement of white marble, stage 1
6 - Replacement of white marble, stage 2
7 - Replacement of white marble, stage 3
8 - Fissure veins and replacement in shaly limestone
9 - Dark mineral bands near granite-limestone contact on Tin Creek
10 - Light mineral bands near granite-limestone contact on Tin Creek

Prospects

11 - Cassiterite dike, adit no. 1
12 - Cassiterite dike, adit no. 2
13 - Cassiterite dike, adit no. 3
14 - Randt Extension tunnel
15 - Greenstone lode
16 - Ida Belle tunnel, dike replacement
17 - Ida Belle tunnel, veins
18 - Dolcoath dike, dike replacement
19 - Dolcoath dike, veins in limestone
20 - Dolcoath shaft, west wall, limestone-dike contact
21 - Bessie and Maple claims, veins in brecciated dike cutting limestone
22 - Bessie and Maple claims, veins in kaolinized dike
23 - Yankee Girl prospect, gossan in limestone
24 - Wolframite-Topaz lode, lode in fault zone in limestone
25 - Alaska Chief claim, dike in limestone
26 - Idaho copper claim, stringers in brecciated limestone

1/ Data taken from published sources only.