



Figure 3.--Map showing tin in the Pond Mountain and Pond Mountain Addition Roadless Areas

[Spectrographic limits of determination for heavy-mineral-concentrate

Figure 5.--Map showing tungsten and molybdenum in the Pond Mountain and Pond Mountain Addition.

[illegible]

Table 1.-The limits of determination for the spectrographic analysis of rocks and stream sediments for 20 heavy metals.

[Spectrographic: limits of determination for heavy-metal-concentrate samples are two reporting units higher than the limits given for rocks and stream sediments.]

Elements	Lower determination limit		Upper determination limit	
	Percent		Parts per million	
Iron (Fe)		0.05		20
Magnesium (Mg)		.03		10
Calcium (Ca)		.03		10
Titanium (Ti)		.002		2
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	Parts per million			
Manganese (Mn)		0.5		5,000
Silver (Ag)	0.5		5,000	
Antimony (Sb)	20		10,000	
Gold (Au)	10		500	
Boron (B)	10		500	
Berlin (Ba)	10		500	
Beryllium (Be)	1		1,000	
Chromium (Cr)	10		500	
Cadmium (Cd)	20		500	
Cobalt (Co)	20		500	
Copper (Cu)	5		5,000	
Lead (Pb)	5		5,000	
Lithium (Li)	20		1,000	
Nickel (Ni)	5		2,000	
Vanadium (V)	20		500	
Wolfram (W)	20		2,000	
Aluminum (Al)	10		10,000	
Antimony (Sb)	100		10,000	
Barium (Ba)	10		10,000	
Tin (Sn)	100		10,000	
Silver (Ag)	10		10,000	
Vanadium (V)	10		10,000	
Wolfram (W)	20		10,000	
Yttrium (Y)	10		10,000	
Zinc (Zn)	100		10,000	
Zirconium (Zr)	100		2,000	
Thorium (Th)	100		2,000	

100

100 SAMPLE LOCALITY: Number indicates M (mofolin) content. 1 = 0 m

**SAMPLE LOCALITY**

Δ 300  
○ 50

**EXPLANATION**

Number indicates % (fungus) content in ppm in magnetic fraction of stream sediment  
Number indicates % (actinide) content in ppm in magnetic