

ALASKAN GEOLOGY BRANCH
TECHNICAL DATA FILE

Table // . Rare element content, in weight percent, of dike rocks.

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Lab. No.	Field No.	Sample type and location	SiO ₂ ^{2/}	Be	Sn	W	Ti	B	Cu	Pb	Zn	Nb
Dark dikes												
D116511W	63-ASn-733	Diabase, fresh, Mint River		0	0	0	0	0	.003	.001	0	.002
D116512W	62-ASn-755	Diabase, fresh, Mint River		0	0	0	0	0	.003	.001	0	.002
D112972	63-ASn-BM27A	Lamprophyre, Black Mountain	45.86	0	.001	0	0	0	.005	.003	0	.0015
163721	64-ASn-410	Lamprophyre pluton, Lost River valley	55.7	.0007	.007	0	0	.003	.002	.003	0	.002
302923	62-ASn-RR6	Lamprophyre, Rapid River	52.0	.0002	0	0	0	0	.005	.0015	0	.0015
302924	62-ASn-RR18	Lamprophyre, Rapid River	51.6	.0003	0	0	0	0	.005	.0015	0	.0002
302925	62-ASn-RR22	Lamprophyre, Rapid River	51.5	.0002	0	0	0	0	.005	.0015	0	.0015
302926	62-ASn-RR20	Lamprophyre, Rapid River	46.0	.00015	0	0	0	0	.003	.001	0	.0015
D112974	62-ASn-RR5	Lamprophyre, Rapid River		.0002	.001	0	0	0	.003	.0015	0	.002
D112976	62-ASn-RR11A	Lamprophyre, Rapid River		.0002	.001	0	0	0	.005	.0015	0	.002
D100125	62-ASn-RR24	Lamprophyre, Rapid River	44.58	.015	0	0	0	0	.0015	.002	0	.001
		in area of beryllium deposits										
D100124	62-ASn-786	Lamprophyre, Lost River valley	56.10	.0003	0	0	0	0	.0015	.002	0	.0015
D100122	62-ASn-TC23	Hornblende lamprophyre, Tin Creek	51.02	.0015	.01	0	0	0	.0007	.002	0	.0015
D113009	62-ASn-594	Lamprophyre, highly xenocrystic, Brooks Mountain	56.66	.0003	.002	0	0	0	.0015	.005	0	.002
D112987	63-ASn-656	Lamprophyre, highly xenocrystic, Brooks Mountain		.001	.002	0	0	0	.005	.01	0	.003
D112988	63-ASn-656A	Fraction > 3.3 Sp. gr.		.0007	.015	0	0	0	.03	1.00	0	.05
D112989	63-ASn-656B	Orthoclase		.0002	.001	0	0	0	.0015	.01	0	0
D112990	63-ASn-656C	Quartz		.001	.0015	0	0	0	.001	.005	0	0
D112991	63-ASn-656D	Plagioclase		.0015	.0015	0	0	0	.002	.007	0	.0015
Light dikes, fresh												
D112970	63-ASn-BM24	Granite dike, Black Mountain	75.10	.0015	.005	0	.1	.015	.0005	.007	0	.002
Light dikes, metasomatized												
302922	62-ASn-RR11	Granitic xenolith in lamprophyre	69.6	.0003	0	0	0	0	.0007	.002	0	.0015
D113004	61-ASn-188	Quartz-adularia facies of the Cassiterite dike, Lost River		.0007	.015	0	.15	.003	.0005	.003	0	.007
D113005	61-ASn-180	Quartz-adularia facies, rhyolite dike, Camp Creek		0	.01	0	0	.015	.0005	.005	0	.003

^{1/} Semiquantitative spectrographic analyses.^{2/} For complete analyses, see table .