

Rock Type	Sample Count	Thresholds	Ag_ppb	Al_pct	As_ppm	Au_ppb	B_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm
All	22144	Element Enhanced (99%)	1481.8	2.78	157.34	34.854	10	2021.94	2.4	2.89	9.54	11.726	94.754	45.48	130	9.27	133.171
All	22144	Enhanced To Ore	N/A	N/A	N/A	600	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	400
All	22144	Maximum	54066	10	6108	2445.7	91	4735.3	35.9	116.49	31.12	88.52	325.4	385.6	1249.5	27.2	1935.72
amphibolite	802	Element Enhanced (99%)	996.64	2.5604	199.236	27.9	10	1292.57	3.541	2.5128	4.1068	6.4632	70.799	44.044	151.824	7.9259	107.224
amphibolite, clastic sedimentary rock	13	Element Enhanced (99%)	539	2.51	289.3	7.4	10	704.3	1.5	1.27	2.1	3.76	65.2	38	110	14.13	116.72
andesite	18	Element Enhanced (99%)	212	1.92	27.3	5.7	10	250.7	1.9	0.5	0.82	0.48	93.3	14.4	47.2	2.83	28.51
arenite	162	Element Enhanced (99%)	1074.2	2.588	219.26	48.632	23.32	2966.94	5.342	2.586	3.742	8.284	122.91	34.18	192.4	16.1102	150.658
ash, tuff-lapillistone, and lapilli-tuff	455	Element Enhanced (99%)	854.46	3.2254	298.016	17.804	33.53	1200.11	1.4	0.9612	7.6342	8.1522	89.44	52.608	343.922	11.1684	133.229
basalt	1111	Element Enhanced (99%)	610.32	2.4855	42.056	25.182	10	937.38	1.297	1.2168	5.3932	2.1084	55.949	30.948	167.3	5.5476	93.9508
basalt, amphibolite	69	Element Enhanced (99%)	403	1.27	99.3	23.1	10	892.5	0.6	0.31	2.37	6.11	36.7	21.2	40.1	3.56	100.18
calcareous carbonate sedimentary rock	42	Element Enhanced (99%)	1025	1.96	19.8	4.3	10	695.4	0.8	0.24	2.1	1.26	47.2	17.8	145.8	1.32	41.73
chlorite-actinolite-epidote-metamorphic rock	51	Element Enhanced (99%)	1307	2.83	175	13.7	10	1650.1	0.9	0.52	8.26	1.02	31.9	29.3	235.3	6.06	90.82
clastic conglomerate	543	Element Enhanced (99%)	1152.34	2.495	147.272	25.115	20.4	750.273	1.434	1.1546	13.8033	3.3569	53.672	21.164	144.361	5.9788	98.4864
clastic sedimentary rock	132	Element Enhanced (99%)	3862.1	3.8333	87.011	18.4	43.8	1955.72	2.1	1.6167	5.9548	3.6132	83.2	103.561	91.316	7.14	82.8937
clastic sedimentary rock, schist	76	Element Enhanced (99%)	1496	2.83	91.2	17.3	10	1474.5	2	1.89	2.72	14.47	85.1	35	108	11	170.83
claystone	258	Element Enhanced (99%)	3667.6	3.034	564.84	62	24.91	2080.34	3.16	6.484	10.488	34.026	108.524	60.9	100	10.4476	451.312
dacite	113	Element Enhanced (99%)	5286.3	1.9728	1071.93	186.476	10	423.132	1.086	3.9446	3.1288	4.9742	51.966	16.958	104.98	14.7214	60.3218
dacite, pyroclastic rock	57	Element Enhanced (99%)	199	1.37	16.7	65.3	28	1010.7	0.8	0.26	18.55	1.82	26.9	36.9	30.2	2.47	67.42
diorite	63	Element Enhanced (99%)	1460	2.5	91.3	57	21	387.9	1.3	2.27	3.83	9.72	59.9	35.3	131.3	9.56	146.76
dioritoid	19	Element Enhanced (99%)	4687	2.82	747.5	212.7	10	362.2	1.3	1.72	1.5	4.19	119.7	28.8	148.2	3.44	49.98
dioritoid, foliated metamorphic rock	9	Element Enhanced (99%)	118	2.15	5.7	4.4	10	442.4	0.3	0.16	0.98	0.21	32.6	12.4	46.6	1.82	27.54
dolomite	24	Element Enhanced (99%)	533	1.46	43	25.9	10	430.1	0.5	0.34	15.65	0.4	62	18.2	39.1	2.59	23.29
dolostone	642	Element Enhanced (99%)	901.3	1.9775	105.875	18.293	21	2609.02	1.263	1.295	15.459	12.093	82.549	29.09	83.545	3.723	86.004
foliated metamorphic rock	156	Element Enhanced (99%)	1159.65	2.09	199.152	64.423	10	592.714	1.343	5.3406	1.7184	2.1135	117.838	18.65	75.942	6.1037	178.569
gabbro	41	Element Enhanced (99%)	1132	2.11	48.8	10.1	10	656	1.2	0.8	3.3	2.64	40.5	109.8	105.7	2.69	87.18
gabbroid	50	Element Enhanced (99%)	324	1.9	17.6	15.3	24	328.7	0.5	0.27	4.15	1.61	29.2	66	472.9	1.59	87.07
generic mudstone	46	Element Enhanced (99%)	3803	1.44	48.1	6.9	10	1404.2	1.1	0.35	1.28	12.04	20.4	26.1	86	1.21	84.35
generic sandstone	71	Element Enhanced (99%)	960	2.21	109.4	26.1	18	1478.3	0.8	1.2	4.01	6.16	50.3	51.6	630.7	1.44	289.92
gneiss	662	Element Enhanced (99%)	617.11	1.931	66.55	51.064	23	721.609	0.7	2.0112	2.5795	2.1571	63.526	20.712	73.137	4.764	62.9457
granite	338	Element Enhanced (99%)	1007.9	2.5787	175.806	112.704	10	714.652	6.372	7.8434	5.1888	3.5456	181.526	20.14	69.148	13.2458	88.5358
granitoid	92	Element Enhanced (99%)	1539	3.97	883.2	48.7	10	406	35.9	20.25	1.21	7.47	175.5	48.6	273.3	20.85	210.56
granodiorite	2328	Element Enhanced (99%)	688.96	2.653	53.268	26.463	10	667.148	2.7	3.4812	2.1912	2.5272	106.96	27.388	79.844	8.0822	84.1484
granodiorite, foliated metamorphic rock	179	Element Enhanced (99%)	169.02	2.65	52.334	34.342	10	596.32	1.9	2.1864	3.5266	0.955	74.108	28.722	94.408	12.8338	48.3252
intermediate composition igneous rock	15	Element Enhanced (99%)	149	1.7	27.8	4.9	10	209.4	0.5	0.33	2.01	0.31	37.7	16.6	39.2	1.78	44.04
limestone	1228	Element Enhanced (99%)	991.46	3.0304	131.083	47.433	10	2267.34	1.734	4.7888	14.7894	8.8464	71.54	40.104	87.365	7.7499	100.499
marble	48	Element Enhanced (99%)	274	3.08	92.8	57.4	10	985.7	0.9	0.56	8.43	0.88	39.7	26.6	84	8.09	57.67
metamorphic rock	671	Element Enhanced (99%)	881.28	2.1307	71.176	46.825	10	836.805	2.65	2.8082	3.9529	5.0031	91.2	37.948	158.984	7.865	95.246
metasomatic rock	4	Element Enhanced (99%)	594	1.06	11.3	2.1	10	1228.2	0.7	1.1	12.05	0.75	33.5	19	19.3	1.51	93.44
monzodiorite	7	Element Enhanced (99%)	200	1.65	12.3	6.2	10	405.6	0.6	0.28	0.87	0.34	41	16.1	56.3	4.1	70.98
monzogranite	759	Element Enhanced (99%)	1070.72	2.7164	81.184	21.257	10	614.2	3.033	4.666	2.536	2.8272	179.824	22.132	70.476	16.351	69.23
monzonite	257	Element Enhanced (99%)	1390.76	2.8452	304.13	78.832	10	720.726	3.966	4.3958	2.8614	3.2278	73.535	28.39	82.09	13.0622	80.8602
non-clastic siliceous sedimentary rock	27	Element Enhanced (99%)	335	1.92	113.9	216.8	10	1367.2	0.5	1.22	16.6	1.25	56.2	32.3	523.5	1.79	71.97
paragneiss	50	Element Enhanced (99%)	218	2.11	33.4	62.6	10	571.8	0.8	0.27	3.57	0.96	64.4	70.9	146.8	3.25	66.88
peridotite	41	Element Enhanced (99%)	197	1.98	72.1	10.8	10	495.8	0.5	0.29	2.39	1.37	32.7	78.5	160.6	1.16	80.43
phylite	546	Element Enhanced (99%)	674.22	2.734	274.946	75.23	15.9	1258.51	1.4	3.5384	6.0112	4.824	84.86	83.28	141.864	6.826	116.808
porphyry	7	Element Enhanced (99%)	130	1.23	14.5	64.2	10	145.6	0.8	0.21	0.64	0.4	54.6	8.5	28.5	1.29	17.8
quartz rich phaneritic igneous rock	41	Element Enhanced (99%)	525	1.66	55.4	16.9	10	484.9	3.3	2.9	0.6	2.21	146	16	38.4	4.67	61.21
quartzite	1743	Element Enhanced (99%)	649.36	2.1266	96.032	41.204	22	732.244	1.602	1.7816	4.2196	2.348	68.412	33.044	91.372	6.0402	92.5496
rhyolite	95	Element Enhanced (99%)	3875	2.16	172.1	35.2	10	1043.6	4.5	2.37	13.32	7.54	168.8	15.6	48.9	8.83	86.82
rhyolitoid	27	Element Enhanced (99%)	4649	4.73	884.9	25.3	10	2023.1	1.6	6.27	11.5	22.78	225.4	95.1	576.9	6.76	88.7
schist	540	Element Enhanced (99%)	400.2	3.2434	79.86	52.612	10	623.75	0.924	2.818	3.936	2.658	57.048	46.68	99.28	3.2924	76.229
sediment	7	Element Enhanced (99%)	94	1.09	7.5	7.3	10	154.1	0.3	0.18	2.9	0.48	25.6	9.5	37.7	0.93	28.68
serpentinite	34	Element Enhanced (99%)	379	1.91	136.6	7.2	10	889.6	0.8	0.76	1.69	1.88	38.3	52.9	583.5	9.06	108.61
shale	4747	Element Enhanced (99%)	2039.44	2.9995	290.668	42.32	10	2350.99	2.054	2.5544	9.536	19.738	81.44	54.916	100	10.0104	185.431
siltstone	273	Element Enhanced (99%)	1113.56	2.5318	91.893	92.64	32.13	2781.54	2	1.591	6.9595	9.6383	64.17	49.88	105.3	8.424	133.083
skarn	2	Element Enhanced (99%)	92	1.24	6	1.6	10	118.2	1	0.6	0.35	0.36	35.7	6.1	16.9	3.16	9.86
slate	2169	Element Enhanced (99%)	1870.28	3.1184	183.212	23.26	10	2828.26	2.1	2.43	9.7708	19.7112	94.52	56.584	177.088	10.159	156.18
yenite	55	Element Enhanced (99%)	1695	2.73	234.1	19.2	10	1916.6	5	14.45	5.83	3.75	231.7	28.6	137.8	19.81	134.98
tonalite	11	Element Enhanced (99%)	106	0.89	4.1	1.5	10	162.4	0.3	0.1	0.6	0.23	21.5	9	17.8	0.53	14.96
tuff-breccia, agglomerate, or pyroclastic breccia	6	Element Enhanced (99%)	76	3.66	8	12.1	10	233.5	0.7	0.17	4.63	0.47	35.7	31.9	182	1.54	72.83
wackestone	31	Element Enhanced (99%)	414	3.14	29.3	550.5	28	582.3	0.9	0.35	6.08	8	44.2	38.8	84.8	3.25	399.01



**Yukon Mineral Targets
Element Thresholds by Lithology**

Rock Type	Sample Count	Thresholds	Fe_pct	Ga_ppm	Ge_ppm	Hf_ppm	Hg_ppb	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm
All	22144	Element Enhanced (99%)	6.427	8.4	0.1	0.18	513	0.08	0.45	58.69	50.754	3.83	4696.5	18.118	0.076	3.5354	196.89
All	22144	Enhanced To Ore	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100	N/A	N/A	N/A
All	22144	Maximum	38.21	14.4	55.3	2.75	5803	1.43	1.05	358.3	106	21.16	10000	125.05	1.379	10.6	1950.9
amphibolite	802	Element Enhanced (99%)	10.1284	8.2	0.1	0.14	264.96	0.1757	0.3624	57.7	39.813	2.0224	9321.48	11.3852	0.05824	3.1857	204.108
amphibolite, clastic sedimentary rock	13	Element Enhanced (99%)	5.71	7.9	0.1	0.09	224	0.05	0.29	30.8	50.3	1.54	1972	6.64	0.052	0.81	100.4
andesite	18	Element Enhanced (99%)	3.63	6.3	0.1	0.08	149	0.05	0.15	54.8	18.4	0.89	1151	1.21	0.043	2.07	25.4
arenite	162	Element Enhanced (99%)	4.386	6.02	0.083	0.153	1899.55	0.1264	0.308	98.1	51.782	2.99	2445.8	12.488	0.066	3.4096	240.48
ash, tuff-lapillistone, and lapilli-tuff	455	Element Enhanced (99%)	6.3906	10.4	0.2	0.2904	512.03	0.0652	0.5508	45.718	45.252	5.6102	8257.72	10.2156	0.0982	3.1484	332.128
basalt	1111	Element Enhanced (99%)	4.992	6.8	0.1	0.2697	354.68	0.04	0.2312	30.436	23.591	2.7812	5002.96	6.7068	0.13724	1.9897	191.06
basalt, amphibolite	69	Element Enhanced (99%)	3.26	4.1	0.05	0.09	184	0.07	0.18	18.6	17.1	1.12	8338	3.02	0.041	1.24	52.9
calcareous carbonate sedimentary rock	42	Element Enhanced (99%)	6.1	5.8	0.1	0.11	252	0.03	0.17	35.9	13.6	2.31	7278	3.17	0.033	1.55	196.8
chlorite-actinolite-epidote-metamorphic rock	51	Element Enhanced (99%)	4.45	8.1	0.1	0.24	140	0.03	0.35	17.7	20.4	6.48	1643	6.48	0.042	1.66	620
clastic conglomerate	543	Element Enhanced (99%)	4.3641	7.028	0.1	0.2567	247.44	0.0567	0.23	37.206	27.869	4.3351	3435.54	10.4016	0.08769	2.224	115.96
clastic sedimentary rock	132	Element Enhanced (99%)	13.5542	6.645	0.1	0.21	633.31	0.13	0.4928	117.545	63.1	17452	10000	16.8874	0.09969	2.99	116.359
clastic sedimentary rock, schist	76	Element Enhanced (99%)	6.2	9.3	0.2	0.06	305	0.51	0.49	42.9	45.6	1.49	10000	40.52	0.057	2.27	70.3
claystone	258	Element Enhanced (99%)	9.258	6.7	0.2	0.2192	858.97	0.1368	0.476	58.12	52.732	7.03	3755.4	31.054	0.1084	1.7068	462.3
dacite	113	Element Enhanced (99%)	4.0504	6	0.1	0.299	242.1	0.1246	0.243	35.456	37.632	1.3524	5591.76	6.6712	0.07334	1.7132	52.564
dacite, pyroclastic rock	57	Element Enhanced (99%)	2.94	5.1	0.05	0.13	487	0.03	0.27	16.1	15	0.73	7905	5.65	0.07	1.37	40.1
diorite	63	Element Enhanced (99%)	5.3	8.3	0.1	0.19	367	0.09	0.54	30.7	44.4	1.56	1641	13.65	0.069	2.25	155.2
dioritoid	19	Element Enhanced (99%)	3.64	8.1	0.1	0.08	129	0.09	0.21	67.7	24.1	2.27	1280	6.97	0.056	1.43	99.2
dioritoid, foliated metamorphic rock	9	Element Enhanced (99%)	2.95	6.3	0.05	0.13	58	0.03	0.31	18.4	14.1	0.91	745	0.83	0.05	1.61	29.6
dolomite	24	Element Enhanced (99%)	3.16	4.2	0.05	0.09	77	0.03	0.32	31.3	27.7	1.09	653	1.01	0.015	1.91	49.2
dolostone	642	Element Enhanced (99%)	5.1555	6.7	0.05	0.1363	334.15	0.0963	0.249	48.94	37.587	9.278	2018.4	23.3975	0.04095	2.5931	161.86
foliated metamorphic rock	156	Element Enhanced (99%)	3.9629	6.515	0.1	0.1515	305.38	0.06	0.3915	140.417	25.363	1.076	4068.26	28.4751	0.04372	3.3677	72.12
gabbro	41	Element Enhanced (99%)	8.68	7.9	0.1	0.21	520	0.04	0.13	19.1	41.5	1.97	10000	7.62	0.071	1.44	119.9
gabbroid	50	Element Enhanced (99%)	4.17	6.4	0.05	0.16	243	0.03	0.12	17	17.3	7.56	4152	1.84	0.086	1.38	1501.8
generic mudstone	46	Element Enhanced (99%)	6.85	4.3	0.05	0.05	309	0.08	0.22	12	28.2	0.47	4566	21.99	0.053	0.14	108.4
generic sandstone	71	Element Enhanced (99%)	17.66	5	0.1	0.09	801	0.03	0.31	67.9	22.1	6.98	10000	8.99	0.045	0.98	838.3
gneiss	662	Element Enhanced (99%)	3.7318	5.753	0.05	0.12	194.89	0.04	0.3753	70.601	21.254	1.4118	2386.55	5.3717	0.03853	1.7154	79.354
granite	338	Element Enhanced (99%)	5.264	9.274	0.2	0.5704	209.64	0.163	0.53	114.398	55.718	1.141	4221.68	14.567	0.1014	6.5418	97.274
granitoid	92	Element Enhanced (99%)	9.74	10.3	0.2	0.1	262	0.68	0.54	106.7	71.3	5.07	5780	88.88	0.071	10.02	393.8
granodiorite	2328	Element Enhanced (99%)	4.8056	9.5	0.1	0.18	199.85	0.1	0.6056	60.672	42.809	1.4156	3375.48	8.1012	0.064	4.6509	71.152
granodiorite, foliated metamorphic rock	179	Element Enhanced (99%)	7.4214	8.016	0.1	0.2068	206.94	0.0426	0.566	67.86	66.698	1.3286	3697.38	2.4254	0.0574	4.1456	56.626
intermediate composition igneous rock	15	Element Enhanced (99%)	12.62	5.3	0.1	0.2	162	0.03	0.19	23.2	17.8	1.15	2112	3.65	0.087	1.89	37.9
limestone	1228	Element Enhanced (99%)	6.0723	8.897	0.1	0.12	483.54	0.0817	0.46	41.352	45.891	3.1991	3741.84	21.4186	0.09882	2.2923	165.197
marble	48	Element Enhanced (99%)	5.87	10.1	0.05	0.09	310	0.03	0.28	69.5	29.6	3.98	2114	1.81	0.043	1.78	71.5
metamorphic rock	671	Element Enhanced (99%)	5.6621	6.639	0.1	0.1375	214.56	0.0975	0.37	54.478	35.025	2.3417	4034.84	10.667	0.05117	3.9875	236.635
metasomatic rock	4	Element Enhanced (99%)	3.38	2.9	0.05	0.08	98	0.06	0.14	16.9	18.7	7.19	2906	1.77	0.013	0.09	23.7
monzodiorite	7	Element Enhanced (99%)	3.34	5.1	0.05	0.16	120	0.04	0.27	21	15.4	0.86	705	2.16	0.043	1.65	62.9
monzogranite	759	Element Enhanced (99%)	4.5316	9.656	0.1	0.0833	143.12	0.08	0.4356	108.556	75.128	1.3604	1761.24	7.3604	0.08352	6.2995	71.152
monzonite	257	Element Enhanced (99%)	3.7694	8.826	0.1	0.1349	471.42	0.0649	0.3836	54.306	71.409	1.3714	4204.1	12.6152	0.07104	2.5481	64.496
non-clastic siliceous sedimentary rock	27	Element Enhanced (99%)	3.48	5.8	0.05	0.07	346.4	0.03	0.19	34.1	21.6	5.1	2122	28.01	0.023	0.81	607.9
paragneiss	50	Element Enhanced (99%)	13.15	7.1	0.1	0.19	142	0.04	0.54	30.9	32.2	1.18	6573	3.7	0.082	2.49	94.9
peridotite	41	Element Enhanced (99%)	8.34	5.5	0.2	0.2	154	0.03	0.16	17.8	14.8	1.84	10000	5.38	0.073	1.5	169.5
phyllite	546	Element Enhanced (99%)	8.3594	7.486	0.2	0.18	676.12	0.05	0.3786	102.47	51.75	2.5838	7368.38	9.5442	0.0931	1.532	217.734
porphyry	7	Element Enhanced (99%)	2.21	4.6	0.05	0.06	73	0.04	0.09	32.5	13.3	0.6	609	0.73	0.027	0.96	29.4
quartz rich phaneritic igneous rock	41	Element Enhanced (99%)	4.45	7	0.1	0.21	157	0.12	0.19	77.2	29.5	0.73	1147	4.08	0.056	4.1	39.6
quartzite	1743	Element Enhanced (99%)	6.3684	6.8	0.1	0.1602	210.36	0.06	0.37	41.336	40.012	1.56	4248.8	5.7236	0.06336	2.7102	95.724
rhyolite	95	Element Enhanced (99%)	4.22	8.8	0.2	0.6	366	0.16	0.23	104.1	33.6	4.99	4744	9.74	0.12	4.39	68.4
rhyolitic	27	Element Enhanced (99%)	6.14	13	0.2	0.08	361	0.17	0.21	175	106	8.87	3984	15.78	0.016	5.5	255.8
schist	540	Element Enhanced (99%)	5.848	9	0.2	0.1924	243.8	0.05	0.768	38.77	40.92	1.537	5900.8	4.334	0.0559	3.0548	127.34
sediment	7	Element Enhanced (99%)	1.96	3.7	0.05	0.12	138	0.01	0.14	13.6	10.9	0.79	511	1.31	0.037	1.48	30.2
serpentinite	34	Element Enhanced (99%)	4.27	6.1	0.1	0.18	239	0.03	0.23	35.2	32.8	6.46	2555	4.59	0.031	1.56	708.2
shale	4747	Element Enhanced (99%)	8.5448	8.1	0.1	0.1354	712	0.06	0.39	45.36	52.9	4.1516	5721.24	26.3528	0.069	2.0216	245.696
siltstone	273	Element Enhanced (99%)	8.529	6.724	0.17	0.19	452.6	0.112	0.2118	35.869	33.17	4.7294	6329.75	17.0348	0.09195	1.954	207.895
skarn	2	Element Enhanced (99%)	1.77	4.8	0.05	0.05	35	0.03	0.16	19.5	34.6	0.37	494	0.37	0.017	1.16	12.2
slate	2169	Element Enhanced (99%)	8.2692	9.8	0.1	0.17	485.96	0.09	0.3996	47.332	65.71	3.6896	4053.96	21.9912	0.08892	3.558	210.98
yenite	55	Element Enhanced (99%)	3.92	10.6	0.3	0.23	705	0.09	0.64	136.9	59	2.31	1177	14.85	0.11	6.44	155.2
tonalite	11	Element Enhanced (99%)	1.73	3	0.05	0.03	79	0.01	0.08	11.4	7.5	0.41	588	0.45	0.023	0.62	12.4
tuff-breccia, agglomerate, or pyroclastic breccia	6	Element Enhanced (99%)	4.58	8.5	0.1	0.1	112	0.05	0.14	17.7	19.6	3.02	968	0.67	0.021	0.64	111.7
wackestone	31	Element Enhanced (99%)	5.74	8.7	0.1	0.24	137	0.04	0.69	23	38.4	1.95	1860	4.78	0.086	1.67	61.1

Yukon Mineral Targets Element Thresholds by Lithology

Rock Type	Sample Count	Thresholds	P_pct	Pb_ppm	Pd_ppb	Pt_ppb	Rb_ppm	Re_ppb	S_pct	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm
All	22144	Element Enhanced (99%)	0.271	74.957	14	6	44.254	14	0.58	6.777	7.29	8.4	2.1	233.39	0.025	0.15	18.1
All	22144	Enhanced To Ore	N/A	5000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All	22144	Maximum	3.354	6892.21	212	215	86	93	7.14	68.94	46.2	93.3	13.6	2782.5	1.93	3.13	141.2
amphibolite	802	Element Enhanced (99%)	0.21624	64.1792	12.57	5.57	35.071	7.57	0.4544	6.322	7.048	5.648	4.542	135.236	0.025	0.272	15.596
amphibolite, clastic sedimentary rock	13	Element Enhanced (99%)	0.188	32.26	17	6	27	7	0.1	3.92	6.8	2.7	0.8	94	0.025	0.13	6.3
andesite	18	Element Enhanced (99%)	0.1	16.3	5	6	14.8	0.5	0.07	0.49	3.9	0.7	1.2	62	0.025	0.03	7.2
arenite	162	Element Enhanced (99%)	0.2132	49.69	21.9	3.66	39.458	24.18	0.588	4.292	9.14	5.44	4.548	195.84	0.025	0.16	15
ash, tuff-lapillistone, and lapilli-tuff	455	Element Enhanced (99%)	0.27376	38.4674	16	8.52	50.328	22.04	0.5416	3.5486	10.218	6.812	1.252	269.778	0.025	0.1602	10.402
basalt	1111	Element Enhanced (99%)	0.18856	36.6616	5	7	25.743	11	0.6712	3.6596	10.324	4.612	0.9	323.24	0.025	0.08	9.756
basalt, amphibolite	69	Element Enhanced (99%)	0.143	51.03	17	55	22	9	0.67	1.85	4	2.4	0.5	169.5	0.025	0.05	5.8
calcareous carbonate sedimentary rock	42	Element Enhanced (99%)	0.175	34.7	5	2	16.1	5	0.11	0.84	4.2	1.2	2.4	64.4	0.025	0.07	7.2
chlorite-actinolite-epidote-metamorphic rock	51	Element Enhanced (99%)	0.095	35.41	5	5	25.3	6	0.14	2.67	10.9	2.5	0.8	127.1	0.025	0.08	8.9
clastic conglomerate	543	Element Enhanced (99%)	0.16141	69.7305	10	6	22.037	6.67	0.3946	3.3906	7.682	5.741	0.967	695.176	0.025	0.12	10.041
clastic sedimentary rock	132	Element Enhanced (99%)	0.25448	41.2461	12	4	68.11	16	1.4832	3.2115	6.176	8.901	4.5	146.242	0.025	0.0969	11.535
clastic sedimentary rock, schist	76	Element Enhanced (99%)	0.161	586.77	5	4	49.9	9	0.83	1.15	5.8	3.9	2.8	196.6	0.025	0.07	11.3
claystone	258	Element Enhanced (99%)	0.3888	178.144	127.48	9.92	43.176	23.84	0.592	16.438	7.16	19.18	1.284	165.46	0.025	0.316	32.02
dacite	113	Element Enhanced (99%)	0.16172	487.561	5	5.86	26.962	5.86	0.6746	3.7018	10.992	2.902	1.33	276.614	0.025	0.1516	8.536
dacite, pyroclastic rock	57	Element Enhanced (99%)	0.138	18.95	5	3	15.4	13	1.77	0.96	11.1	3.9	0.6	1040.2	0.025	0.11	3.2
diorite	63	Element Enhanced (99%)	0.192	55.12	12	4	39.7	7	0.96	3.15	8.2	7.4	0.8	120.7	0.025	0.76	14.8
dioritoid	19	Element Enhanced (99%)	0.165	125.99	5	3	37.4	2	0.1	9.5	5	0.9	1.2	83.2	0.025	0.06	18.3
dioritoid, foliated metamorphic rock	9	Element Enhanced (99%)	0.1	7.71	5	10	23.2	2	0.06	0.21	5.1	0.6	0.7	56.5	0.025	0.03	4.4
dolomite	24	Element Enhanced (99%)	0.155	41.58	5	1	45.7	3	0.21	1.67	3.4	0.6	0.4	716.6	0.025	0.12	11.1
dolostone	642	Element Enhanced (99%)	0.26875	197.174	11.63	4	19.638	23.19	0.938	5.8625	5.77	7.79	1.126	226.7	0.025	0.0895	9.79
foliated metamorphic rock	156	Element Enhanced (99%)	0.14135	76.3036	5	22.9	50.282	5	0.2917	5.6634	5.573	2.2	0.9	108.256	0.025	0.2732	10.688
gabbro	41	Element Enhanced (99%)	0.14	34.78	5	6	19.6	27	0.41	5.73	7.5	5	1	103.9	0.025	0.09	6.7
gabbroid	50	Element Enhanced (99%)	0.106	7.06	19	8	15.7	8	1.03	1.46	6.8	8.5	0.6	126.2	0.025	0.05	11.1
generic mudstone	46	Element Enhanced (99%)	0.381	77.3	16	1	14.5	59	0.72	3.7	6	12.1	0.4	109.8	0.025	0.15	4.8
generic sandstone	71	Element Enhanced (99%)	0.135	50.49	13	5	23.6	10	0.65	4.21	4.9	11.9	0.5	160.9	0.025	0.36	11.5
gneiss	662	Element Enhanced (99%)	0.16453	69.851	16.18	9.18	30.408	5	0.3153	2.1062	6.206	2.453	0.7	145.559	0.025	0.12	13.8
granite	338	Element Enhanced (99%)	0.1792	83.4994	11	8	65.95	7	0.8314	3.4678	6.082	5.076	3.644	170.436	0.025	0.14	48.542
granitoid	92	Element Enhanced (99%)	0.166	160.07	12	4	59.8	6	0.15	4.03	13.3	3.2	13.6	91.1	0.025	0.32	44.1
granodiorite	2328	Element Enhanced (99%)	0.19112	82.5824	5	6	51.145	4	0.22	1.9252	7.712	2.056	2.509	132.084	0.025	0.1056	20.716
granodiorite, foliated metamorphic rock	179	Element Enhanced (99%)	0.21186	24.895	5	4.78	48.334	4.26	0.4482	0.72	7.356	5.95	2.5	104.616	0.025	0.0752	11.604
intermediate composition igneous rock	15	Element Enhanced (99%)	0.11	8.05	5	5	19.7	6	0.2	0.51	5.9	1	0.8	61.7	0.025	0.03	3.8
limestone	1228	Element Enhanced (99%)	0.28458	112.07	15	4	41.636	20.34	0.9379	5.9398	6	7.382	1.751	448.771	0.025	0.1197	12.7
marble	48	Element Enhanced (99%)	0.202	29.56	5	6	33.1	20	0.26	1.62	5.3	1.3	0.8	282.8	0.025	0.08	10.8
metamorphic rock	671	Element Enhanced (99%)	0.186	52.6387	5	6	40.2	8.75	0.3856	2.8594	6.278	6.034	2.65	110.353	0.025	0.1539	17.134
metasomatic rock	4	Element Enhanced (99%)	0.12	493.46	5	1	9.8	1	0.14	1.18	3.7	0.4	0.3	37	0.025	0.01	4.4
monzodiorite	7	Element Enhanced (99%)	0.079	12.51	5	2	21.6	3	0.04	0.64	7.4	0.7	0.6	41.2	0.025	0.04	7.3
monzogranite	759	Element Enhanced (99%)	0.22804	72.77	5	3.33	57.418	5.33	0.4316	1.784	6.964	2.652	3.033	142.988	0.025	0.07	50.752
monzonite	257	Element Enhanced (99%)	0.16752	75.965	5	5	51.958	4.49	0.424	11.7064	8.968	2.304	2.496	165.798	0.025	0.1184	19.484
non-clastic siliceous sedimentary rock	27	Element Enhanced (99%)	0.153	34.54	5	3	15.7	10	0.17	2.67	7.8	3.4	0.5	139.6	0.025	0.15	7.2
paragneiss	50	Element Enhanced (99%)	0.166	9.39	14	12	36.2	3	0.24	0.4	7.2	4	1.1	84.8	0.025	0.07	8.3
peridotite	41	Element Enhanced (99%)	0.128	12.18	5	5	14.7	10	0.39	0.91	6.1	1.5	0.5	104.9	0.025	0.05	5.4
phyllite	546	Element Enhanced (99%)	0.20864	77.3016	12.4	8.8	37.81	9.4	0.8586	4.991	5.962	4.6	1.25	233.118	0.025	0.1062	15.2
porphyry	7	Element Enhanced (99%)	0.088	18.07	5	1	10.6	1	0.04	0.58	3.7	0.3	0.6	45.6	0.025	0.02	3.3
quartz rich phaneritic igneous rock	41	Element Enhanced (99%)	0.131	54.08	5	1	20.4	1	0.06	2.01	3.8	1.1	1.2	49.8	0.025	0.23	15.6
quartzite	1743	Element Enhanced (99%)	0.19352	43.5292	10.02	6	40.114	6.02	0.3736	3.0672	5.7	3.736	2.002	156.648	0.025	0.12	11.988
rhyolite	95	Element Enhanced (99%)	0.245	74.71	18	6	33	5	0.21	2.18	6.3	6.4	2.7	156.1	0.025	0.27	30
rhyolitic	27	Element Enhanced (99%)	0.25	919.51	5	3	18.1	4	0.39	27.48	21.9	6.9	8.3	166.1	0.025	0.17	18.4
schist	540	Element Enhanced (99%)	0.189	47.749	5	5	49.956	10	0.359	1.718	8.99	4.79	0.924	136.48	0.025	0.11	8.68
sediment	7	Element Enhanced (99%)	0.097	7.66	5	3	9.7	3	0.12	0.47	3.7	1	0.4	188.5	0.025	0.04	4.7
serpentinite	34	Element Enhanced (99%)	0.177	39.09	11	5	31.2	8	0.58	2.7	7.1	4.2	1	93.2	0.025	0.05	9.9
shale	4747	Element Enhanced (99%)	0.35972	71.2348	21	5	44.778	21	0.72	10.6732	6	12.644	1.4	285.516	0.025	0.17	13.1
siltstone	273	Element Enhanced (99%)	0.28455	68.6715	15.4	6.1	22.8	26.7	0.8566	9.0569	6.512	9.466	2.52	194.582	0.025	0.1953	8.871
skarn	2	Element Enhanced (99%)	0.087	25.23	5	1	27.7	1	0.02	0.31	2.2	0.5	1.3	31.4	0.025	0.01	6.1
slate	2169	Element Enhanced (99%)	0.32372	84.6564	21	6	46.84	17	0.7496	8.0688	6.696	9.996	1.83	253.632	0.025	0.16	14.692
yenite	55	Element Enhanced (99%)	0.183	178.96	15	3	63.6	3	0.16	5.46	8.8	3.3	2.4	251.2	0.025	0.13	92.9
tonalite	11	Element Enhanced (99%)	0.113	5.79	5	1	8.9	1	0.14	0.33	2.8	0.2	0.3	46.1	0.025	0.03	2.5
tuff-breccia, agglomerate, or pyroclastic breccia	6	Element Enhanced (99%)	0.108	19.29	5	8	10.5	2	0.09	0.28	15.2	1	0.8	31	0.025	0.04	3
wackestone	31	Element Enhanced (99%)	0.182	17.48	13	4	44.5	10	0.43	1.26	10.4	9.7	0.6	380.9	0.025	0.19	4.5

Yukon Mineral Targets Element Thresholds by Lithology

Rock Type	Sample Count	Thresholds	Tl_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
All	22144	Element Enhanced (99%)	0.183	0.659	38.59	170	9.78	38.9716	1218.93	7.7
All	22144	Enhanced To Ore	N/A	N/A	N/A	N/A	N/A	N/A	5000	N/A
All	22144	Maximum	0.439	40.17	436.8	1495	100	349.53	10000	77.4
amphibolite	802	Element Enhanced (99%)	0.14672	0.4324	29.22	87.24	9.62	41.5204	749.684	6.4
amphibolite, clastic sedimentary rock	13	Element Enhanced (99%)	0.042	0.3	3.6	96	0.3	16.59	454.3	6.1
andesite	18	Element Enhanced (99%)	0.105	0.12	5.9	113	1.2	44.11	95.5	3.6
arenite	162	Element Enhanced (99%)	0.0954	0.512	96.12	99	32.88	27.6372	746.54	6.756
ash, tuff-lapillistone, and lapilli-tuff	455	Element Enhanced (99%)	0.23136	0.7042	9.92	149.28	5.232	23.3056	708.83	14.552
basalt	1111	Element Enhanced (99%)	0.13856	0.26	11.968	97.68	2.656	19.1298	216.632	13.573
basalt, amphibolite	69	Element Enhanced (99%)	0.066	0.33	6.4	50	1.2	11.83	2487.9	4.5
calcareous carbonate sedimentary rock	42	Element Enhanced (99%)	0.096	0.16	2.7	270	4.6	24.7	123.8	5.6
chlorite-actinolite-epidote-metamorphic rock	51	Element Enhanced (99%)	0.182	0.31	15.4	104	3.3	14.61	121.9	12.5
clastic conglomerate	543	Element Enhanced (99%)	0.15923	0.4382	14.601	113.69	2.782	28.505	460.247	11.8
clastic sedimentary rock	132	Element Enhanced (99%)	0.13252	27.8599	36.69	129.36	14.107	63.05	1087.36	9.4
clastic sedimentary rock, schist	76	Element Enhanced (99%)	0.101	0.56	19.7	87	18.2	15.64	798.5	3.4
claystone	258	Element Enhanced (99%)	0.1288	0.908	22.72	543.2	14.04	61.0648	4426.02	11.084
dacite	113	Element Enhanced (99%)	0.1645	0.3174	18.308	127.32	4.278	19.3538	295.704	9.886
dacite, pyroclastic rock	57	Element Enhanced (99%)	0.077	0.38	3	54	0.3	26.27	144	5.1
diorite	63	Element Enhanced (99%)	0.216	0.32	49.5	102	5.6	19.91	635.7	6.1
dioritoid	19	Element Enhanced (99%)	0.127	0.21	33.1	82	1.3	30.14	168.1	3.2
dioritoid, foliated metamorphic rock	9	Element Enhanced (99%)	0.182	0.19	2.2	73	0.3	8.56	74.1	7.8
dolomite	24	Element Enhanced (99%)	0.095	0.2	3.2	28	2.5	15.45	144.9	2.9
dolostone	642	Element Enhanced (99%)	0.07875	1.0055	12.005	228.65	5.035	30.6042	1279.49	7.626
foliated metamorphic rock	156	Element Enhanced (99%)	0.13753	0.413	26.572	95.65	12.302	88.5383	198.576	7.791
gabbro	41	Element Enhanced (99%)	0.226	0.21	3.5	92	2.3	10.9	384	9.5
gabbroid	50	Element Enhanced (99%)	0.129	0.13	7.1	150	3.6	10.5	158.7	7.6
generic mudstone	46	Element Enhanced (99%)	0.005	2.17	3.7	110	0.2	19.54	872.8	3.1
generic sandstone	71	Element Enhanced (99%)	0.085	0.65	14.1	89	1	39.12	1039.8	4.1
gneiss	662	Element Enhanced (99%)	0.12459	0.2753	45.659	71.12	6.6	21.86	243.66	4.99
granite	338	Element Enhanced (99%)	0.159	0.58	56.296	93.38	37.148	109.665	258.654	17.564
granitoid	92	Element Enhanced (99%)	0.26	0.97	129.1	108	10.4	222.63	1607.5	6.1
granodiorite	2328	Element Enhanced (99%)	0.276	0.4512	56.528	108.56	10.056	50.4821	251.748	7.309
granodiorite, foliated metamorphic rock	179	Element Enhanced (99%)	0.30122	0.416	101.32	97.04	9.68	45.896	168.468	8.532
intermediate composition igneous rock	15	Element Enhanced (99%)	0.143	0.21	4.3	76	5.4	13.52	119.4	9.8
limestone	1228	Element Enhanced (99%)	0.133	0.6694	28.668	144.94	12.897	25.9544	1196.62	5.417
marble	48	Element Enhanced (99%)	0.107	0.27	5	61	12.2	10.89	142.5	3.7
metamorphic rock	671	Element Enhanced (99%)	0.13417	0.3634	25.219	95.95	16.941	44.395	500.085	7.15
metasomatic rock	4	Element Enhanced (99%)	0.009	0.16	3.7	31	0.05	15.55	476.6	3.3
monzodiorite	7	Element Enhanced (99%)	0.146	0.19	3.5	109	0.3	16.85	86.3	6.1
monzogranite	759	Element Enhanced (99%)	0.1426	0.4852	141.776	91.52	17.796	34.2486	277.324	4.2
monzonite	257	Element Enhanced (99%)	0.14636	0.55	149.07	103.2	10.444	37.5322	183.39	4.947
non-clastic siliceous sedimentary rock	27	Element Enhanced (99%)	0.12	0.54	5.8	87	0.4	14.74	151	2.7
paragneiss	50	Element Enhanced (99%)	0.201	0.65	19.4	166	3.7	17.8	119.4	10
peridotite	41	Element Enhanced (99%)	0.109	0.14	4.6	84	1.5	11.97	148.3	10.8
phyllite	546	Element Enhanced (99%)	0.12462	0.421	14.578	101.58	9.53	19.005	558.036	8.81
porphyry	7	Element Enhanced (99%)	0.07	0.1	2.2	50	0.9	19.34	76.1	2.1
quartz rich phaneritic igneous rock	41	Element Enhanced (99%)	0.174	0.21	15	133	7.1	111.11	347.6	6.8
quartzite	1743	Element Enhanced (99%)	0.14644	0.3436	28.192	90.36	8.472	25.1888	254.856	7
rhyolite	95	Element Enhanced (99%)	0.123	0.34	5.4	121	3.1	62.18	508.7	12.1
rhyolitoid	27	Element Enhanced (99%)	0.079	0.66	6.7	208	11.6	34.54	1699.8	5.2
schist	540	Element Enhanced (99%)	0.2611	0.418	12.73	115.9	4.23	17.9412	301.64	7.224
sediment	7	Element Enhanced (99%)	0.08	0.09	3.1	43	1.4	8.01	62.3	4.3
serpentinite	34	Element Enhanced (99%)	0.099	0.37	70.8	81	9.9	12.98	321.7	7.5
shale	4747	Element Enhanced (99%)	0.11244	0.95	19.672	277.32	10.172	31.747	2106.64	6.4
siltstone	273	Element Enhanced (99%)	0.1593	0.7712	17.596	185.37	3.884	23.376	979.275	9.42
skarn	2	Element Enhanced (99%)	0.063	0.23	5.5	28	1.6	9.11	74.9	2.3
slate	2169	Element Enhanced (99%)	0.18276	0.8796	20.796	197.96	10.92	27.052	1829.5	8.16
syenite	55	Element Enhanced (99%)	0.246	0.85	66.4	101	12.3	26.95	387.4	22.6
tonalite	11	Element Enhanced (99%)	0.055	0.07	1.2	39	0.2	5.74	50.3	1.3
tuff-breccia, agglomerate, or pyroclastic breccia	6	Element Enhanced (99%)	0.133	0.11	1	117	0.2	15.25	100.4	2.8
wackestone	31	Element Enhanced (99%)	0.257	0.43	15	230	0.4	34.05	797.4	9.2