

Yukon Mineral Targets: Thresholds for "ElementEnhanced" Status (99th Percentile)

LITHOLOGY	AG_AAS	AS_AAS	AS_INA	AU_AAS	AU_INA	B_ICPMS	BA_ICPMS	BA_INA	BI_AAS
	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
ALL	1.4	122	179	92	36	11	6500	13000	0.9
clastic/limestone/dolostone/v_mafic	1.3		38		12		3500	4600	
chert	4.3	15		11			2888		
limestone/gypsum/anhydrite	0.3		26		18			1700	
limestone/dolostone/clastic	0.6	21	23		16	11	21000	17000	0.1
limestone/dolostone/chert	0.2	220		283			920		
limestone/dolostone	0.8	200	27	303	11		2250	7800	1.0
limestone/clastic	2.2	27	40		12	9	15000	81300	0.2
limestone	1.1	92	112	72	28		5300	14800	0.5
dolostone/chert	0.2		16		9		3340	3500	
dolostone	0.6	48	30		26	7	99999	17000	0.4
clastic/v_mafic/v felsic	0.3	50	23	7	4		4010	1000	
clastic/v_mafic	0.7	170	810	184	22		2800	2600	0.4
mclastic/mlimestone	0.3	55		30			2210		
clastic/v felsic	1.2	20	180	1500	22		9999	5900	0.3
mclastic/mp_interm/mv_mafic	0.5	43	74	55	49		2300	2800	
clastic/limestone/dolostone	1.0	97	57	75	18		14000	3800	0.2
clastic/limestone	0.9	162	161	47	53	14	7500	9860	0.8
clastic/dolostone/v_mafic	0.1	9	18		5		720	790	0.1
clastic/dolostone	0.9	60	104	2	16		4500	5640	0.4
clastic/coal/limestone	0.8		15		6			4400	
clastic/coal	0.6	14	15	18	5		1770	970	
clastic/chert/limestone/dolostone	0.7	30	63		15		2000	1900	0.4
clastic/chert/limestone	2.3	153	190	47	30	7	99999	19600	1.3
clastic/chert/dolostone	0.2	9	13		1		411	2400	0.2
clastic/chert	3.8	280	540	20	53		6700	23000	2.9
clastic	1.4	128	160	95	28	7	6900	12000	0.6
chert/limestone	0.2		11		3		1700	1900	
clastic/v_interm	0.2	124		58			1490		
p felsic	1.0	150	240	161	36		2030	6200	2.8
v_mafic/v felsic	0.6	38	19	23	6		5314	1600	
v_mafic/p_ultram	0.4	30	36	30	17		739	2800	
v_mafic	0.5	53	55	165	20		2530	6200	0.1
v_interm	0.6	30	55	5	8		2610	2500	
v_felsic/v_interm/clastic	0.1	13		10			1070		
v_felsic	1.1	150	18	64	11		4600	2500	1.1
u_clastic	0.8	50	118	133	42	9	3200	11600	0.5
p_ultram	0.7	32	49	35	36		1700	1500	
p_mafic/p_ultram/v_mafic	0.2		19		26			560	
p_mafic/p_interm/p_felsic	0.2	1		1			1240		
p_mafic	1.6	132		63			1190		
mclastic	0.9	97	79	72	110		2810	2800	0.1
p_felsic/p_interm	0.1	4		2			725		
v_unclassified	0.3		35		33		6400	5870	
mv_mafic/mclastic/mlimestone	1.1	4		3			1160		
mv_inter/mp_interm	0.6	65		3			900		
mv_felsic	0.5	21		42			732		
mp_ultram/mv_mafic	0.4	36	36	87	35		1843	2600	
mp_ultram	0.1	5		4			1229		
mp_mafic/mv_mafic	1.3	470		17			1040		
mp_interm/mp_felsic	0.1	30		2			731		
mp_interm	1.2	91	40	109	51		1950	3100	
mp_felsic	0.5	55		22			2220		
mlimestone	0.5	63	10	16	11		3400	1200	
mclastic/mv_mafic	0.5	22		34			1161		
mclastic/mv_interm	0.4	33		333			1820		
p_interm	0.8	78	639	190	34		1500	2800	0.9

LITHOLOGY	BR_INA	CD_AAS	CE_INA	CO_AAS	CO_INA	CR_INA	CS_INA	CU_AAS	F_ISE
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ALL	30	12.0	210	47	67	270	17	135	1270
clastic/limestone/dolostone/v_mafic	6		65	18	20	170	6	62	
chert		2.0		10				69	560
limestone/gypsum/anhydrite	0	0.5	130	20	38	190	2	83	216
limestone/dolostone/clastic	7	5.0	80	13	15	110	6	41	880
limestone/dolostone/chert		2.6		11				44	480
limestone/dolostone	35	15.2	130	26	30	110	11	62	900
limestone/clastic	26	5.5	94	58	55	170	8	194	610
limestone	29	25.0	180	45	54	160	45	102	1430
dolostone/chert	28		85	25	21	210	11	63	
dolostone	24	2.5	120	46	50	250	10	90	700
clastic/v_mafic/v felsic	10	1.2	140	15	14	67	5	38	840
clastic/v_mafic	16	5.4	160	55	81	340	29	298	920
mclastic/mlimestone		1.8		18				45	810
clastic/v felsic	10	6.6	120	120	150	170	11	180	672
mclastic/mp_interm/mv_mafic	10	3.1	130	25	17	260	5	40	700
clastic/limestone/dolostone	26	6.1	210	23	100	190	41	70	1750
clastic/limestone	28	5.6	260	42	50	230	17	98	990
clastic/dolostone/v_mafic	37	0.1	120	24	26	120	12	62	
clastic/dolostone	78	7.9	470	88	94	205	18	205	1310
clastic/coal/limestone	17	1.0	88	30	36	210	9	40	410
clastic/coal	1	3.3	67	18	12	87	5	45	850
clastic/chert/limestone/dolostone	30	1.3	110	129	140	120	12	144	
clastic/chert/limestone	29	23.5	150	54	65	250	15	188	2060
clastic/chert/dolostone	6	1.3	84	21	22	73	6	45	
clastic/chert	37	31.7	190	62	74	220	21	291	1253
clastic	27	16.6	210	59	74	280	17	160	1380
chert/limestone	5		52	10	12	170	4	26	
clastic/v_interm		1.5		31				68	500
p felsic	125	3.0	280	19	34	250	25	71	999
v_mafic/v felsic	30	3.3	83	28	35	400	6	78	841
v_mafic/p_ultram	0	1.2	76	74	49	340	2	254	558
v_mafic	31	2.1	170	39	57	610	12	118	680
v_interm	44	2.9	160	15	19	83	30	37	650
v felsic/v_interm/clastic		0.5		16				34	540
v felsic	25	6.2	74	27	17	110	5	72	1120
u_clastic	36	7.8	150	43	51	260	12	105	850
p_ultram	9	1.8	100	53	62	1600	7	130	520
p_mafic/p_ultram/v_mafic	0	2.4	45	13	29	120	1	53	437
p_mafic/p_interm/p_felsic		0.1		4				6	480
p_mafic		17.4		56				360	485
mclastic	26	4.2	140	39	41	890	11	118	720
p_felsic/p_interm		0.1		17				48	345
v_unclassified	7		140	47	67	87	5	158	
mv_mafic/mclastic/mlimestone		2.4		13				40	480
mv_inter/mp_interm		1.8		15				58	600
mv_felsic		2.9		48				74	420
mp_ultram/mv_mafic	3	1.3	76	25	18	280	6	78	640
mp_ultram		0.1		30				43	420
mp_mafic/mv_mafic		5.2		21				74	720
mp_interm/mp_felsic		0.4		12				25	410
mp_interm	29	2.4	130	22	48	2000	10	108	800
mp_felsic		2.6		18				55	1070
mlimestone	4	1.1	53	29	23	250	3	55	640
mclastic/mv_mafic		0.4		15				39	406
mclastic/mv_interm		1.0		22				70	900
p_interm	48	2.4	260	24	34	170	37	75	985

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LITHOLOGY	FE_AAS	FE_INA	GA_ICPMS	HF_INA	HG_AAS	LA_INA	MN_AAS	MO_AAS	MO_INA
	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
ALL	6.7	9.2	8.6	17	481	100	4400	21.0	36.0
clastic/limestone/dolostone/v_mafic	2.7	4.1		22	220	36	860	22.0	
chert	2.5				345		393	3.0	
limestone/gypsum/anhydrite	5.0	6.5		4	54	67	451	4.0	
limestone/dolostone/clastic	2.7	2.1	2.5	6	150	46	456	50.6	24.0
limestone/dolostone/chert	4.4				276		2000	5.0	
limestone/dolostone	4.2	4.9	4.7	12	240	53	2100	19.5	15.0
limestone/clastic	7.3	8.3	2.9	11	290	52	2572	32.0	35.0
limestone	5.2	8.1	5.8	13	340	96	2140	27.0	6.0
dolostone/chert	3.9	5.3		8	110	48	660	5.0	3.0
dolostone	5.1	6.4	6.8	13	780	60	2400	25.0	51.0
clastic/v_mafic/v felsic	3.0	3.6		14	126	58	1620	4.0	
clastic/v_mafic	6.0	7.6		10	430	87	2120	10.0	3.0
mclastic/mlimestone	3.1				45		504	8.0	
clastic/v felsic	8.8	10.0		14	615	71	5700	12.0	14.0
mclastic/mp_interm/mv_mafic	4.8	4.6		14	120	77	9200	2.0	
clastic/limestone/dolostone	4.5	10.0	3.3	15	340	120	1850	18.0	25.0
clastic/limestone	5.6	7.8	10.8	17	390	130	3744	15.0	43.0
clastic/dolostone/v_mafic	4.9	5.2	0.9	12	190	90	1150	2.0	56.0
clastic/dolostone	6.1	8.8	6.8	20	200	271	4500	17.0	20.0
clastic/coal/limestone	8.0	7.1		7	2360	37	2850	6.0	
clastic/coal	3.6	3.1		6	180	38	2800	5.0	
clastic/chert/limestone/dolostone	6.0	7.3	6.0	10	730	50	7950	10.0	29.0
clastic/chert/limestone	13.5	13.0	8.5	13	760	75	7750	36.0	34.0
clastic/chert/dolostone	3.7	4.5	4.3	6	70	39	838	7.0	4.0
clastic/chert	18.6	22.1	1.9	15	1188	100	7240	33.0	119.0
clastic	6.7	9.0	7.0	15	493	110	3600	22.0	38.0
chert/limestone	1.6	2.8		5	110	29	295	5.0	
clastic/v_interm	3.0				435		9000	6.0	
p felsic	4.5	18.0		36	200	190	3000	13.0	3.0
v_mafic/v felsic	4.8	7.3		7	253	50	1350	16.5	5.0
v_mafic/p_ultram	5.4	7.5		3	127	41	1800	6.0	
v_mafic	5.2	8.2		22	280	110	5020	9.0	12.0
v_interm	5.2	6.2		19	384	76	11000	6.0	6.0
v felsic/v_interm/clastic	4.1				220		7400	3.0	
v felsic	5.2	4.4		12	300	43	4800	9.0	12.0
u_clastic	8.2	9.2	4.7	22	406	82	7600	13.0	15.0
p_ultram	3.8	7.6		10	132	95	1800	3.0	
p_mafic/p_ultram/v_mafic	2.4	5.7		2	138	24	663	4.0	
p_mafic/p_interm/p_felsic	2.8				23		430	4.0	
p_mafic	8.2				174		2550	13.0	
mclastic	5.3	7.7		20	325	78	4600	6.0	3.0
p_felsic/p_interm	2.9				30		540	1.0	
v_unclassified	3.5	13.0		8	330	67	2900	3.0	6.0
mv_mafic/mclastic/mlimestone	2.7				57		915	26.0	
mv_inter/mp_interm	2.7				56		670	12.0	
mv_felsic	18.5				120		10800	4.0	
mp_ultram/mv_mafic	3.5	4.4		12	114	41	6480	4.0	
mp_ultram	3.2				115		535	1.0	
mp_mafic/mv_mafic	4.0				56		2700	5.0	
mp_interm/mp_felsic	2.6				25		465	1.0	
mp_interm	6.8	8.4		14	160	71	1750	8.0	
mp_felsic	4.2				205		2800	10.0	
mlimestone	5.2	5.4		7	360	28	2400	4.0	
mclastic/mv_mafic	2.6				172		2780	1.0	
mclastic/mv_interm	4.9				120		1200	2.0	
p_interm	5.2	11.0		31	142	140	3000	10.0	11.0

LITHOLOGY	NI_AAS	NI_INA	P_ICPMS	PB_AAS	RB_INA	SB_AAS	SB_INA	SC_ICPMS	SC_INA
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ALL	208	240	0.3	88	180	9.0	14.2	5.6	24.1
clastic/limestone/dolostone/v_mafic	215			49	83		8.8		13.0
chert	44			16		2.7			
limestone/gypsum/anhydrite	82			12	130		3.1		24.4
limestone/dolostone/clastic	128	88	0.1	12	85	5.4	14.2	3.1	9.0
limestone/dolostone/chert	32			52		1.9			
limestone/dolostone	124	61	0.4	116	130	7.1	8.0	5.0	13.0
limestone/clastic	500	170	0.2	29	86	2.9	13.0	3.6	14.0
limestone	295	68	0.1	76	330	6.2	13.0	4.2	18.0
dolostone/chert	55	16		86	110		2.1		22.0
dolostone	200	150	0.3	110	140	4.3	7.2	6.8	18.0
clastic/v_mafic/v felsic	45			24	130	2.1	2.4		12.0
clastic/v_mafic	541	45		44	180	3.4	14.0		40.0
mclastic/mlimestone	68			47		11.2			
clastic/v felsic	210	250		67	130	0.6	12.0		19.0
mclastic/mp_interm/mv_mafic	41			54	130	1.9	2.5		21.0
clastic/limestone/dolostone	117	150	0.1	365	340	9.0	10.9	3.6	18.0
clastic/limestone	143	160	0.3	81	170	8.4	11.0	6.2	23.3
clastic/dolostone/v_mafic	25	33	0.1	51	150	0.4	3.2	1.4	15.0
clastic/dolostone	107	100	0.5	160	190	4.2	6.3	6.3	22.9
clastic/coal/limestone	54			10	93		5.6		24.2
clastic/coal	57			18	42	1.0	0.9		10.0
clastic/chert/limestone/dolostone	190	76	0.1	165	130	2.5	10.0	3.6	18.0
clastic/chert/limestone	310	320	0.6	125	150	13.6	17.0	7.1	18.0
clastic/chert/dolostone	30	5	0.3	44	92	2.1	3.0	5.4	15.0
clastic/chert	353	160	0.2	117	190	22.6	35.0	3.7	17.0
clastic	220	210	0.2	97	190	10.9	13.2	4.7	23.0
chert/limestone	42			13	50		2.0		9.6
clastic/v_interm	52			19		1.2			
p felsic	74	22		93	240	4.0	8.1		23.2
v_mafic/v felsic	93	49		45	78	10.0	4.4		32.0
v_mafic/p_ultram	791			11	53	1.0	5.0		26.3
v_mafic	260	200		79	170	4.9	6.3		28.0
v_interm	41	37		33	190	3.1	8.1		23.0
v felsic/v_interm/clastic	51			22		1.4			
v felsic	130	64		53	180	4.5	3.7		16.0
u_clastic	139	180	0.2	35	150	3.6	12.0	3.4	29.9
p_ultram	545			31	77	1.8	1.8		29.9
p_mafic/p_ultram/v_mafic	28			13	29		2.6		24.0
p_mafic/p_interm/p_felsic	4			5		0.1			
p_mafic	290			133		4.8			
mclastic	197	170		50	170	4.6	4.7		26.6
p_felsic/p_interm	71			5		0.1			
v_unclassified	23	21		425	160		5.3		14.0
mv_mafic/mclastic/mlimestone	18			170		0.5			
mv_inter/mp_interm	35			65		1.5			
mv_felsic	39			14		1.0			
mp_ultram/mv_mafic	95			52	81	3.0	1.3		24.0
mp_ultram	705			24		0.8			
mp_mafic/mv_mafic	50			128		2.4			
mp_interm/mp_felsic	25			11		0.3			
mp_interm	180			92	200	4.1	3.0		30.5
mp_felsic	84			47		8.0			
mlimestone	203			44	61	3.1	0.9		23.0
mclastic/mv_mafic	75			24		1.8			
mclastic/mv_interm	105			25		2.8			
p_interm	73	130		83	330	3.5	23.0		25.4

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LITHOLOGY	SE_AAS	SM_INA	SN_AAS	SR_ICPMS	TA_INA	TH_ICPMS	TH_INA	TL_ICPMS	U_INA
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ALL	6.7	16.1	17	418	3.1	10.0	28.8	0.9	26.0
clastic/limestone/dolostone/v_mafic		5.3			0.9		8.8		
chert			5						
limestone/gypsum/anhydrite		9.1	3		1.0		12.0		3.6
limestone/dolostone/clastic	3.2	6.2	1	702	1.6	4.1	8.3	1.0	18.0
limestone/dolostone/chert			34						
limestone/dolostone	6.5	8.3	15	286	1.8	5.2	15.0	1.5	8.8
limestone/clastic	5.0	7.7	3	892	1.3	4.5	10.0	0.7	16.0
limestone	2.0	15.5	29	514	3.3	9.0	49.8	0.5	68.4
dolostone/chert		6.9			1.8		13.0		2.8
dolostone	2.5	10.2	3	774	3.6	7.1	16.0	0.8	12.0
clastic/v_mafic/v felsic		8.6	12		1.7		17.0		3.6
clastic/v_mafic	0.1	11.0	41		3.2		22.0		14.0
mclastic/mlimestone			6						
clastic/v felsic	8.0	11.9	13		1.7		18.0		13.0
mclastic/mp_interm/mv_mafic		12.0	4		1.9		21.0		
clastic/limestone/dolostone	0.2	15.2	37	64	3.0	5.8	57.2	0.4	21.9
clastic/limestone	5.5	18.7	21	453	2.7	11.8	25.8	0.7	13.0
clastic/dolostone/v_mafic	0.2	17.0	3	89	1.3	1.3	12.0	0.1	4.1
clastic/dolostone	7.5	38.4	14	330	3.1	7.7	32.6	1.0	17.0
clastic/coal/limestone		7.3	1		2.6		10.0		4.8
clastic/coal		5.6	5		0.3		9.3		
clastic/chert/limestone/dolostone	1.5	14.0	3	235	1.3	7.4	14.0	0.2	7.6
clastic/chert/limestone	10.1	11.0	21	498	2.2	6.3	20.0	1.2	24.2
clastic/chert/dolostone	1.3	6.0	6	215	0.8	5.5	11.0	0.2	6.5
clastic/chert	8.5	14.1	21	237	2.4	4.1	33.7	1.0	32.0
clastic	6.4	17.3	20	273	3.4	6.3	28.4	0.8	19.0
chert/limestone		4.4			0.8		6.9		
clastic/v_interm			38						
p felsic	2.1	21.7	25		2.8		95.0		351.0
v_mafic/v felsic		6.5	7		1.9		10.0		4.4
v_mafic/p_ultram		6.9	5		1.1		6.4		3.5
v_mafic	0.4	16.0	14		4.9		24.4		39.0
v_interm		11.4	14		2.2		19.0		16.0
v felsic/v_interm/clastic			8						
v felsic	4.1	8.3	10		2.3		19.0		8.2
u_clastic	12.0	13.3	12	132	2.1	5.6	25.1	0.3	25.5
p_ultram		16.7	8		1.6		13.0		4.8
p_mafic/p_ultram/v_mafic		4.8	3		0.5		3.9		2.6
p_mafic/p_interm/p_felsic			2						
p_mafic			8						
mclastic	0.4	11.2	7		2.0		25.3		29.6
p_felsic/p_interm			2						
v_unclassified		10.1			1.1		17.0		5.1
mv_mafic/mclastic/mlimestone			4						
mv_inter/mp_interm			12						
mv_felsic			5						
mp_ultram/mv_mafic		5.6	7		1.5		14.0		
mp_ultram			4						
mp_mafic/mv_mafic			94						
mp_interm/mp_felsic			2						
mp_interm		10.3	7		2.0		28.6		33.4
mp_felsic			13						
mlimestone		4.7	5		1.3		7.1		
mclastic/mv_mafic			10						
mclastic/mv_interm			53						
p_interm	0.6	21.4	11		5.6		82.4		157.0

Yukon Mineral Targets: Thresholds for "ElementEnhanced" Status (99th Percentile)

LITHOLOGY	U_NADNC	V_AAS	W_COL	W_INA	YB_INA	ZN_AAS
	ppm	ppm	ppm	ppm	ppm	ppm
ALL	37.2	305	20.0	11.0	10	2500
clastic/limestone/dolostone/v_mafic	12.0		2.0	0.5	4	1480
chert	5.0	33	2.0			195
limestone/gypsum/anhydrite		37		1.0	3	156
limestone/dolostone/clastic	11.7	229	2.0	4.0	3	570
limestone/dolostone/chert	14.7	155	16.0			255
limestone/dolostone	27.9	183	16.0	2.5	4	1399
limestone/clastic	22.5	163	6.0	2.0	5	2120
limestone	20.0	327	12.0	15.0	5	1740
dolostone/chert	5.0		2.0	2.0	3	315
dolostone	13.3	134	4.0	3.0	5	1120
clastic/v_mafic/v felsic	4.2	38	4.0	1.0	3	207
clastic/v_mafic	33.6	128	40.0	15.0	4	900
mclastic/mlimestone	5.0	19	10.0			241
clastic/v felsic	35.5	78	25.0	8.0	5	1340
mclastic/mp_interm/mv_mafic	14.4	62	4.0	5.0	5	296
clastic/limestone/dolostone	19.0	425	15.0	16.0	4	1048
clastic/limestone	18.9	139	24.0	7.0	5	785
clastic/dolostone/v_mafic	4.1	10	2.0	2.5	5	142
clastic/dolostone	16.6	235	12.0	11.0	7	850
clastic/coal/limestone		73		1.0	2	196
clastic/coal	10.0	97	6.0	5.0	3	373
clastic/chert/limestone/dolostone	6.1	24	4.0	2.5	5	540
clastic/chert/limestone	22.7	655	24.0	15.0	5	2810
clastic/chert/dolostone	3.4	66	4.0	0.5	2	270
clastic/chert	29.0	396	60.0	19.0	6	3390
clastic	23.8	540	18.0	9.0	5	1500
chert/limestone	3.7		2.0	0.5	2	235
clastic/v_interm	19.1	55	18.0			138
p felsic	122.0	86	35.0	85.0	6	375
v_mafic/v felsic	9.9	94	4.0	2.0	4	324
v_mafic/p_ultram	2.6	94	1.0	1.0	3	172
v_mafic	31.4	97	22.0	6.0	5	480
v_interm	15.4	78	4.0	5.0	5	387
v felsic/v_interm/clastic	21.6	67	6.0			87
v felsic	22.7	83	12.0	8.0	7	565
u_clastic	12.8	122	8.0	6.0	5	650
p_ultram	9.2	66	12.0	11.0	3	358
p_mafic/p_ultram/v_mafic		58		0.5	2	268
p_mafic/p_interm/p_felsic	10.8	30	1.0			81
p_mafic	45.2	70	22.0			1100
mclastic	18.8	99	16.0	21.0	6	618
p_felsic/p_interm	1.9	88	1.0			68
v_unclassified	4.9		8.0	8.0	4	505
mv_mafic/mclastic/mlimestone	7.1	65	4.0			190
mv_inter/mp_interm	40.3	65	4.0			280
mv_felsic	4.1	103	14.0			201
mp_ultram/mv_mafic	33.5	78	10.0	2.0	4	185
mp_ultram	5.9	32	2.0			78
mp_mafic/mv_mafic	32.2	73	22.0			845
mp_interm/mp_felsic	4.2	30	2.0			79
mp_interm	85.1	103	9.0	14.0	6	350
mp_felsic	91.1	73	16.0			440
mlimestone	4.8	80	3.0	0.5	3	170
mclastic/mv_mafic	7.9	65	4.0			89
mclastic/mv_interm	19.8	77	140.0			141
p_interm	57.0	120	24.5	129.0	6	270