Geochemical soil sampling traverses, Hamme tungsten district, North Carolina. Traverses 289-299; 301-323.

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Table 1 Trace element statistics--mean values, deviation, and arbitrary geochemical threshold--in soil samples from granodiorite-tonalite and phyllite areas. Type of analysis shown in parentheses--see Tables 1-3

		W(SQS)		Cu(AA)		Pb(AA)		Zn(AA)		Be(SQS)		Mo(Col)		Co(SQS)		Ni(SQS)		Cr(SQS)		Sb(Col)		Bi(SQS)		F(SI)	
		Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.	Lower ft.	Upper ft.
GRANODIORITE-TONALITE	Total samples	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405	405
	Censored values (N or L)	320	338	0	1	6	4	0	0	16	14	364	391	1	0	1	1	0	0	10[1]/	10[1]/	403	405	20	43
	Geometric mean (ppm)	-	-	20.77	14.92	19.17	18.39	22.56	21.23	4.17	5.73	-	-	11.59	10.31	17.63	11.90	43.36	35.34	1.37	1.41	-	-	402	362
	Geometric dev. (ppm)	-	-	1.84	1.85	1.78	1.91	1.70	1.75	2.51	2.50	-	-	1.89	1.93	2.15	2.01	2.05	2.01	2.32	2.04	-	-	2.71	2.45
	Geochemical threshold[2]/ (ppm)	50[3]/	50[3]/	38	28	34	35	38	37	10	14	4[3]/	4[3]/	22	20	38	24	87	71[4]/	3	3	10[3]/	10[3]/	1090	890
PHYLLITE	Total samples	381	383	381	383	381	383	381	383	381	383	381	383	381	383	381	383	381	383	381	383	381	383	381	383
	Censored values (N or L)	361	373	1	3	8	10	0	0	169	169	290	297	0	3	0	1	1	1	1[5]/	10[5]/	336	357	80	109
	Geometric mean (ppm)	-	-	24.73	16.75	12.04	10.64	21.02	17.60	2.18	2.52	-	-	10.67	9.64	15.05	9.61	47.92	39.83	1.10	1.06	-	-	207	195
	Geometric dev. (ppm)	-	-	2.36	2.29	1.57	1.65	1.84	1.77	2.05	2.24	-	-	1.87	1.87	1.86	2.57	1.99	1.92	1.84	1.92	-	-	3.10	2.94
	Geochemical threshold[2]/ (ppm)	50[3]/	50[3]/	58	38	19	18	39	31[6]/	5[7]/	5[7]/	4[3]/	4[3]/	20	18	28	25	95	77	2	2	10[3]/	10[3]/	640	570

1/ 67 samples with no values reported in lower foot and 88 samples with no values reported in upper foot; computations based on 338 values in lower foot and 307 values in upper foot.
2/ Geochemical threshold computed as geometric mean x geometric deviation, rounded to nearest whole number.
3/ Lower limit of sensitivity used instead of computed geochemical threshold because of high number of censored values.
4/ 70 ppm used as threshold
5/ 241 samples not analyzed for Sb in lower foot and 242 samples not analyzed in upper foot; analyzed population is 139 samples in lower foot and 141 samples in upper foot.
6/ 30 ppm used as threshold
7/ Threshold value arbitrarily selected to separate approximately lower 5/6 of values from upper 1/6 of values. Values below threshold include 169 censored values.

TABLE A

Geochemical soil sampling traverses--orientation survey, Hamme tungsten district, North Carolina.

Traverses 289-299; 301-309. Upper value for each element from 0-1 ft depth; lower value from 1-2 ft depth;

Type of analysis: Color. - colorimetric; A.A. - atomic absorption; S.Q.S. - semiquantitative spectrographic; S.I. - specific ion.

Symbols for analytical results: Measurable values given directly in parts per million; L, element detected, but less than limit of measurement; N, element not detected at stated limit of measurement.

Limit of measurement (only for elements having L or N amounts): W 50; Be 1; Mo 4; Sb 0.5; F 50

underlined numbers are at or above geochemical threshold determined for soil derived from granodiorite-tonalite or phyllite **(see table 1 on trace element statistics). Interval between samples is 50 feet unless otherwise indicated.**

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
W	S.Q.S.	N	N	N	L	N	N	N	N	N	L	L	L	L	L	L	N	50	L	L	N
		N	N	N	N	N	N	N	N	N	N	150	L	N	N	N	N	L	L	N	N
Cu	A.A.	30	25	15	50	15	15	20	20	15	20	30	25	15	15	25	20	55	40	25	20
		35	40	20	40	10	10	15	30	55	45	45	35	30	30	35	20	40	25	20	20
Pb	A.A.	10	20	5	10	15	25	10	15	15	25	15	20	15	20	25	20	100	30	20	300
		10	15	10	10	10	20	20	15	15	25	20	20	25	25	20	20	50	25	25	45
Zn	A.A.	35	30	70	90	110	60	30	20	20	20	20	20	20	30	65	25	80	70	35	40
		35	30	70	90	110	70	50	80	20	20	25	20	25	30	35	25	50	60	40	50
Be	S.Q.S.	20	3	2	3	3	15	7	15	10	20	15	20	30	70	15	10	5	10	7	5
		7	3	2	2	1	3	3	7	7	7	70	10	7	7	5	7	3	30	5	5
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	8	N	N
		N	N	N	N	N	N	N	N	N	N	N	L	N	N	L	N	N	L	N	N
Co	S.Q.S.	70	70	70	70	70	30	20	7	7	5	7	7	7	10	10	15	15	7	30	30
		70	70	70	70	70	30	10	20	7	7	7	10	10	15	15	15	20	10	20	20
Ni	S.Q.S.	15	7	15	30	30	10	7	7	7	7	10	20	20	10	7	7	15	10	10	10
		15	20	15	20	30	20	7	7	7	7	15	30	30	30	15	15	20	10	20	20
Cr	S.Q.S.	50	30	50	70	50	30	30	20	20	15	50	100	100	70	50	50	70	20	30	30
		50	30	70	30	30	30	15	15	30	20	50	70	100	70	70	50	100	20	30	50
Sb	Color.	2	1	L	1	1	1	2	2	1	1	L	1	1	1	2	L	5	2	1	2
		1	1	0.5	1	0.5	0.5	1	1	1	1	1	1	1	1	1	L	1	1	1	1
F	S.I.	100	130	150	200	220	240	350	700	370	610	500	600	520	680	720	380	640	880	520	500
		140	110	190	230	200	220	390	750	440	400	740	720	600	640	600	520	520	560	540	560

West — Phyllite | Granodiorite — East

Approximate contact

Traverse 289
View North

Element	Type of Analysis	Sample HH	GG	FF	EE	DD	CC	BB	AA	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
*	S.q.s.	N	N	L	L	L	L'	L	L	L	L	N	L	L	L	L	N	N	50	50	L	L	50	L	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	L	20	50	50	N	L	L	50	L	L	L	L	L	50	N	L	75	50	L	L	L	L	N	L	N	N	N	N	N	N	N	N	N
Cu	A.A.	10	10	10	10	10	15	10	10	10	10	10	10	20	10	20	10	10	20	20	50	25	20	20	20	25	10	10	10	10	5	20	20	25	20
		20	20	20	20	15	30	10	20	15	15	15	10	25	20	95	15	15	25	45	30	40	45	65	30	25	10	20	20	15	5	10	25	35	10
Pb	A.A.	15	15	15	20	10	20	20	20	10	15	25	15	20	20	20	20	20	55	60	50	45	35	30	30	35	15	20	15	20	15	20	30	25	25
		20	20	20	20	20	25	15	25	20	15	20	15	25	20	20	20	20	20	40	25	65	30	25	30	25	15	25	20	20	10	20	30	25	20
Zn	A.A.	20	15	15	15	15	15	10	20	15	10	15	20	20	15	20	15	20	25	25	40	30	25	20	25	25	30	30	30	30	20	55	35	30	45
		25	25	20	20	15	20	15	20	15	10	15	15	25	20	25	15	15	25	30	20	35	25	30	25	25	30	55	60	50	20	25	25	30	30
Be	S.Q.S.	7	3	5	5	10	10	5	7	20	15	10	10	20	20	15	10	7	7	20	10	5	10	5	10	3	1	1	1	3	1	2	3	3	1.5
		3	3	3	5	7	5	7	3	20	10	7	5	10	5	7	15	20	10	10	7	5	5	3	7	3	1	1.5	3	1.5	1	7	3	3	1.5
Mo	Color.	N	L	N	N	N	N	N	N	N	N	N	N	L	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	L	N	N	L	N	L	N	L	N	N	L	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	20	20	20	70	70	70	30	30	50	30	30	30	50	15	30	30	50	30
		7	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	20	30	20	50	70	20	30	30	70	50	30	30	50	10	10	30	50	20
Ni	S.Q.S.	7	7	7	7	7	7	5	7	7	5	7	7	7	7	10	7	5	10	10	70	50	30	30	50	30	20	15	10	20	5	20	30	70	15
		10	10	10	20	20	20	7	10	7	10	20	10	20	20	30	7	7	10	30	50	20	70	70	20	20	15	15	30	10	5	30	50	70	10
Cr	S.Q.S.	30	15	20	30	30	30	20	30	30	20	30	30	50	50	70	50	50	50	100	200	150	150	150	150	150	100	70	70	50	30	50	70	200	50
		30	20	30	30	50	70	30	50	30	30	30	30	70	50	150	50	30	70	150	150	150	150	500	150	150	70	70	50	30	50	150	150	150	50
Cl	Color.	1	L	1	1	0.5	1	1	1	1	1	1	1	1	1	1	2	1	2	3	2	2	1	1	0.5	2	1	1	1	1	1	2	0.5	1	1
		1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	1	2	1	2	1	1	2	1	0.5	1	2	2	1
F	S.I.	480	560	640	1	640	560	520	560	480	560	520	800	1000	500	460	360	310	520	640	400	520	440	370	270	270	110	180	110	180	100	220	220	250	210
		520	720	520	1	720	440	440	440	680	840	720	520	1000	550	440	360	330	600	640	520	540	550	540	320	320	110	250	320	280	100	240	240	240	140

West — Vein quartz float; Traces of tungsten mineralization — Principal vein — Projection of diabase dike — East

Traverse 290
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
W	S.Q.S.	L	L	L	L	L	L	L	L	L	L	L	L	50	70	100	50	50	N	L	N	N	N	L	30	N	N	N
		N	L	L	L	L	L	L	L	L	L	50	L	70	70	150	50	N	N	N	L	L	L	L	L	N	L	N
Cu	A.A.	10	35	15	20	5	10	10	10	15	15	15	15	20	20	15	45	15	20	15	10	15	15	20	55	35	20	15
		25	35	15	25	10	10	15	15	15	15	25	35	30	30	35	50	35	30	40	35	25	20	40	75	35	30	20
Pb	A.A.	15	70	20	35	15	20	15	15	20	15	15	15	15	20	20	20	20	15	20	15	15	15	15	30	20	15	15
		20	150	20	55	20	20	20	15	20	15	20	25	25	20	40	20	20	20	20	20	20	25	20	40	20	15	20
Zn	A.A.	20	50	30	60	20	20	20	15	20	20	20	20	15	20	15	15	15	15	20	15	15	15	20	15	20	20	20
		20	30	35	40	15	20	20	15	15	25	20	30	20	20	25	20	25	20	20	20	20	15	20	40	20	20	30
Be	S.Q.S.	15	10	10	30	15	15	5	5	3	3	10	10	7	10	30	20	10	10	10	20	15	5	20	5	7	15	10
		7	5	5	7	15	15	10	3	2	3	3	5	5	15	10	10	7	5	10	10	7	5	10	10	2	5	15
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	L	N	N	N	N	L	L	L	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	L	N	L	N	N	N	N	L	4	L	L	L	N	N
Co	S.Q.S.	15	10	10	10	10	7	15	7	10	10	10	50	10	7	5	10	5	5	5	5	5	7	5	10	5	5	7
		10	10	20	10	10	5	10	7	10	10	15	10	10	10	10	10	10	10	7	10	10	7	5	10	7	15	7
Ni	S.Q.S.	7	10	7	20	7	7	7	7	7	30	50	30	50	50	20	500	20	20	20	10	10	10	20	30	10	20	10
		10	20	10	15	7	7	7	10	7	30	70	70	100	70	20	70	150	50	70	30	30	20	50	30	30	50	20
Cr	S.Q.S.	30	20	15	70	30	20	15	20	30	20	15	30	20	30	20	30	15	20	20	15	30	20	30	30	30	20	20
		50	150	15	70	20	15	30	30	20	20	30	30	30	30	30	30	30	50	30	50	50	30	30	30	150	50	20
Sb	Color.	1	2	1	1	1	0.5	1	1	1	1	1	1	2	2	1	1	2	1	2	1	2	2	1	3	2	1	1
		1	2	1	1	1	1	1	2	1	1	1	2	2	1	2	2	2	1	2	2	3	2	2	3	2	2	1
F	S.I.	680	720	600	1350	600	500	520	600	560	520	400	560	880	920	900	880	600	760	800	840	560	780	760	2320	1080	700	560
		760	880	680	1150	680	440	640	560	440	520	560	800	1200	1160	720	760	680	960	920	1200	1060	1100	840	2700	1300	1140	960

North

Mineralized E-trending vein (Morton No. 1)

South

Traverse 291

View East

Element	Type of analysis	Sample AA	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
W	S.Q.S.	L	L	L	L	L	L	N	N	N	N	N	N	N	L	N	N	N	N	N	N	L	N	N	N	N	N	N
		100	L	L	L	L	50	L	N	N	N	N	N	N	N	L	N	N	N	N	N	L	N	N	N	N	N	N
Cu	A.A.	20	20	10	15	15	10	10	10	25	20	15	10	10	30	25	35	15	25	15	10	20	20	25	30	25	65	70
		40	35	30	25	30	30	20	30	25	15	25	15	20	50	35	45	25	20	15	25	20	20	35	25	45	55	100
Pb	A.A.	15	20	15	15	10	10	20	20	20	20	15	15	20	50	40	20	25	25	20	20	25	15	25	20	60	20	15
		20	25	10	15	20	15	20	25	25	25	25	20	20	20	25	25	25	20	25	20	15	20	20	20	40	20	15
Zn	A.A.	20	25	15	10	15	15	10	10	15	15	20	20	30	25	30	40	25	30	20	20	15	15	20	30	70	30	20
		20	30	15	15	20	20	10	15	15	15	30	20	30	30	35	50	35	25	15	20	15	15	25	45	55	25	25
Be	S.Q.S.	15	70	15	15	10	10	10	10	3	3	2	3	2	3	3	3	2	5	5	5	5	1.5	1.5	1	L	L	1
		20	50	7	20	5	15	15	5	3	2	2	15	3	3	7	2	1.5	2	3	3	5	1.5	1	1.5	L	L	1
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	10	10	5	5	5	5	5	5	10	20	20	20	30	20	70	30	50	50	70	20	70	30	70	30	15	30	30
		15	10	20	5	10	20	5	5	5	10	20	30	30	50	70	50	30	50	20	10	30	30	7	15	20	50	50
Ni	S.Q.S.	10	20	10	10	20	20	5	5	30	20	20	20	20	30	30	30	30	30	20	20	30	50	20	70	70	100	100
		30	50	30	50	30	30	15	30	30	20	30	20	50	30	50	50	30	30	30	70	30	50	150	100	100	100	100
Cr	S.Q.S.	30	100	30	30	50	30	20	30	30	30	10	15	15	30	20	15	20	30	20	30	30	200	500	100	300	500	500
		50	150	50	30	70	50	20	30	30	20	20	30	20	20	30	30	30	30	30	30	30	150	700	150	150	300	200
Sb	Color.	1	1	1	2	2	1	0.5	1	1	1	1	2	1	1	3	2	2	1	1	2	2	1	1	1	1	1	1
		1	1	2	1	1	2	1	1	1	1	1	2	0.5	2	2	4	2	1	1	1	1	1	1	1	1	1	2
F	S.I.	540	740	[illegible]	220	740	550	350	210	350	210	120	200	120	250	390	150	90	280	240	200	260	120	80	150	50	120	140
		1250	1420	[illegible]	640	1250	640	480	420	420	180	190	200	250	120	300	240	180	130	200	270	290	140	190	310	120	150	170

Traverse 292
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	HH	II
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	70	N	N	N	N	N	N	L	N	L	50	L	L	50	L	L	50	N	N	N	N	N	N	L
		N	N	N	N	N	N	N	N	N	N	N	N	70	N	N	N	N	N	N	L	70	50	L	L	N	N	N	L	70	N	N	N	N	N	N	N
Cu	A.A.	25	25	15	30	30	30	30	25	35	85	35	25	100	10	5	10	75	40	85	20	270	25	30	25	25	100	20	25	5	120	—	25	30	15	10
		20	25	15	20	25	45	20	50	25	100	25	30	35	10	10	5	25	50	110	35	150	35	40	30	20	25	30	35	25	95	[illegible]	30	[illegible]	[illegible]	[illegible]
Pb	A.A.	10	15	10	15	20	15	10	10	10	10	10	40	95	10	20	20	95	25	75	20	20	15	35	20	50	250	15	25	5	40	—	25	[illegible]	[illegible]	[illegible]
		10	15	10	10	15	20	10	10	5	5	10	20	15	20	20	20	15	15	25	10	15	15	25	25	15	15	15	20	20	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Zn	A.A.	15	20	10	40	25	40	40	55	60	55	90	75	170	20	30	40	65	30	60	20	130	25	40	30	35	120	20	25	65	60	—	25	[illegible]	[illegible]	[illegible]
		10	15	10	35	30	25	30	30	60	60	110	100	70	35	35	60	60	45	75	25	170	20	35	30	15	20	20	30	25	45	—	30	[illegible]	[illegible]	[illegible]
Be	S.Q.S.	2	2	1	1.5	7	3	2	1.5	2	3	2	2	3	3	3	3	5	2	5	5	3	15	5	7	7	5	7	5	15	5	[illegible]	15	7	[illegible]	[illegible]
		2	2	L	1.5	15	3	1.5	1	1.5	5	1.5	1.5	2	1	10	1.5	2	10	5	5	5	12	5	3	7	7	5	3	10	10	7	7	3	2	3
Mo	Color.	N	N	L	N	L	L	N	N	N	N	N	N	4	N	N	L	L	L	N	L	8	N	L	L	N	4	N	L	N	N	[illegible]	N	N	N	N
		N	N	N	N	N	L	N	L	N	L	N	N	N	N	N	N	N	N	L	N	L	L	4	L	N	N	4	N	[illegible]	N	[illegible]	N	N	N	[illegible]
Co	S.Q.S.	15	7	10	20	10	30	20	70	70	30	70	30	30	10	10	20	7	10	7	5	10	7	10	20	7	7	7	7	15	30	15	[illegible]	10	[illegible]	[illegible]
		10	7	7	30	20	70	10	70	70	70	70	30	50	10	10	20	7	15	7	7	10	10	10	20	7	7	7	7	15	20	15	[illegible]	[illegible]	[illegible]	[illegible]
Ni	S.Q.S.	20	10	10	10	7	30	10	30	30	30	30	10	10	20	5	7	10	7	7	7	10	7	7	10	5	10	10	10	10	10	10	7	15	10	[illegible]
		10	20	10	7	20	50	10	50	100	20	30	20	20	20	10	5	10	10	10	7	20	20	10	20	10	10	10	10	30	30	20	7	20	[illegible]	[illegible]
Cr	S.Q.S.	30	15	30	15	20	50	20	150	100	30	50	20	50	70	15	10	10	20	10	10	20	30	30	30	20	20	30	15	30	20	[illegible]	30	15	[illegible]	[illegible]
		20	30	20	15	20	150	15	150	100	20	50	15	50	50	10	L	10	20	15	10	20	50	30	50	20	30	20	20	40	50	[illegible]	30	[illegible]	[illegible]	[illegible]
Sb	Color.	2	0.5	L	L	1	1	1	1	0.5	0.5	1	2	30	2	1	2	4	1	2	2	1	1	2	1	3	8	1	2	2	1	0.5	1	2	[illegible]	[illegible]
		1	0.5	0.5	L	0.5	0.5	1	1	1	1	0.5	2	8	1	2	2	2	2	2	1	1	1	1	2	1	2	0.5	1	2	2	[illegible]	2	[illegible]	[illegible]	2
F	S.I.	840	720	600	880	800	720	840	1120	1280	1080	440	300	3000	280	310	250	480	840	720	960	1080	960	1080	840	720	720	880	720	1120	560	520	680	400	800	[illegible]
		1000	840	520	840	920	1040	880	1720	1120	1320	480	380	1200	340	400	440	560	880	960	1080	1080	1320	1120	1120	640	840	1080	760	[illegible]	920	520	560	640	720	[illegible]

West

Phyllite | Granodiorite

Approximate contact

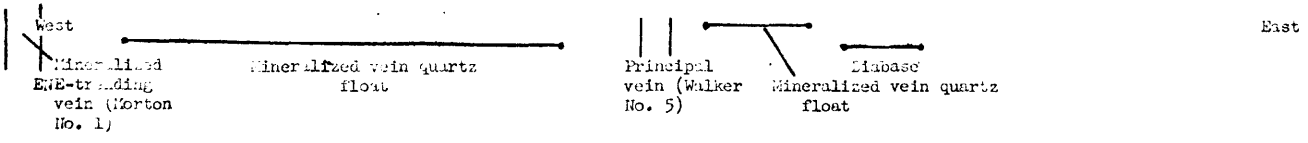
Di[illegible]ase

Bas

Traverse 293

View North

Element	Type of analysis	Sample CC	BB	AA	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
W	S.Q.S.	200	L	N	L	N	L	N	N	N	L	L	L	30	L	L	L	L	L	L	150	N	N	N	N	N	N	N	N	N
		100	N	N	L	50	L	L	N	N	50	L	L	L	L	L	L	L	150	L	50	N	N	N	N	N	N	N	L	N
Cu	A.A.	20	25	5	5	10	10	25	15	15	35	30	30	20	10	10	10	15	30	25	20	15	20	10	10	10	15	10	15	15
		25	50	15	10	35	10	30	15	15	15	30	30	25	15	45	20	20	10	20	25	30	15	15	15	15	10	20	15	25
Pb	A.A.	45	15	10	10	15	15	10	15	10	20	20	30	150	30	15	25	35	25	15	20	15	15	20	15	25	15	20	20	20
		20	20	15	15	25	15	15	15	10	20	20	25	85	30	20	20	30	20	20	20	20	30	20	15	20	15	15	15	15
Zn	A.A.	15	20	10	10	20	15	10	10	10	20	15	25	20	15	20	20	40	30	15	20	20	25	20	20	25	20	15	35	30
		15	20	15	15	20	20	15	15	10	15	10	20	40	15	20	20	35	30	20	20	25	30	20	30	30	25	25	45	45
Be	S.Q.S.	10	7	10	7	10	15	7	30	20	7	20	10	5	7	3	1.5	3	3	3	2	3	3	2	5	1	1	2	1	2
		15	15	5	15	2	5	7	5	20	20	15	5	7	7	3	1.5	3	3	2	1.5	3	1.5	1.5	1	3	1	1	1.5	1.5
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	L	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	L	N	N	N	N	N	N	N	N	N	N	L	N	4	4	4	N	N	N	N	L	N	N
Co	S.Q.S.	5	5	5	5	5	7	5	5	7	5	5	5	20	7	7	10	30	30	30	10	7	10	30	5	20	30	20	20	20
		10	7	7	5	7	7	7	10	7	10	7	7	5	7	5	7	20	30	20	10	20	10	10	15	70	20	30	20	20
Ni	S.Q.S.	10	10	10	10	7	7	5	7	5	5	5	7	5	10	10	20	30	20	20	20	20	15	10	7	30	5	30	20	20
		15	20	10	10	20	10	10	10	10	30	5	10	7	10	10	10	30	30	20	30	50	30	10	15	70	20	30	20	20
Cr	S.Q.S.	20	20	20	20	30	30	30	30	20	30	70	70	30	50	70	30	70	30	50	70	100	50	50	50	200	15	150	50	30
		50	30	20	30	150	30	50	30	50	70	70	50	70	50	150	20	70	100	50	70	200	30	50	20	30	20	70	50	30
Sb	Color.	2	1	1	1	1	1	1	2	2	1	1	2	2	2	2	2	2	2	4	3	1	1	1	1	1	1	1	1	1
		1	1	1	1	4	1	1	1	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2	2	0.5	1	0.5
F	S.I.	760	1400	560	480	600	800	840	920	600	560	760	1120	1040	680	680	340	350	400	300	440	260	260	280	140	180	160	160	270	280
		720	760	760	720	800	1140	1120	1040	720	1120	720	1360	1160	800	720	340	500	420	320	420	380	340	300	240	100	220	340	400	400



Traverse 294
View North

Element	Type of analysis	DD	CC	BB	AA	Z	Y	X	W	V[1]	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
W	S.q.S.	L	N	L	[illegible]	70	L	50	L	L	L	N	L	L	N	L	N	N	N	N	Y	N	L	N	N	N	N	L	N	N
		70	N	N	[illegible]	70	70	L	L	L	L	N	N	N	N	N	N	N	N	N	L	N	'	N	N	N	N	L	N	N
Cu	A.A.	75	75	10	25	10	15	15	15	20	10	15	10	15	15	50	10	L	5	10	10	10	15	10	10	15	20	15	10	10	5
		20	25	15	150	20	20	25	30	25	15	20	10	10	25	25	20	5	10	15	10	15	15	15	10	15	20	15	10	15	5
Pb	A.A.	35	110	15	170	60	30	25	35	20	20	20	20	35	30	60	15	10	15	20	15	20	20	15	15	20	30	20	20	20	20
		30	30	20	2500	140	30	30	20	25	20	20	10	20	30	40	15	15	25	20	15	20	20	10	15	20	25	20	20	15	10
Zn	A.A.	30	100	20	25	25	30	15	30	25	20	40	30	40	190	130	30	15	20	20	15	15	20	20	20	25	35	35	60	30	25
		40	30	20	20	15	20	20	20	30	25	65	25	45	160	75	35	20	20	20	20	25	20	20	20	20	35	45	55	30	15
Be	S.q.S.	15	2	1.5	5	3	30	3	5	3	7	2	5	20	7	2	2	7	3	5	3	3	1.5	2	2	2	1.5	7	3	2	2
		10	2	3	3	5	5	5	7	5	5	1	7	5	3	3	1	3	2	3	1.5	5	1	1	2	1	1	1.5	5	2	3
Mo	Color.	L	L	L	4	L	N	N	N	L	N	N	N	L	N	L	N	N	N	L	N	L	L	L	N	L	L	N	L	N	N
		L	L	L	6	4	L	4	N	L	L	N	N	N	N	N	N	N	N	L	L	N	L	L	N	N	L	L	4	N	N
Co	S.q.S.	5	10	10	5	5	5	7	7	10	7	20	20	20	10	20	10	10	10	7	10	10	10	10	30	50	30	30	20	20	10
		7	10	10	5	5	7	7	7	15	5	30	20	30	20	10	20	10	15	7	10	10	20	20	20	25	25	2	15	20	5
Ni	S.q.S.	7	15	7	7	7	5	10	7	20	7	7	7	7	7	7	20	7	7	7	7	7	10	5	7	7	10	15	10	10	10
		30	15	10	7	7	10	7	150	30	7	7	7	7	7	7	20	7	10	7	10	7	10	20	7	10	20	20	10	10	7
Cr	S.q.S.	30	30	30	30	30	20	30	20	50	20	30	20	20	15	20	30	30	15	15	20	15	20	15	20	20	20	20	20	30	20
		30	20	30	30	30	50	20	30	100	20	20	15	20	15	10	20	20	20	15	20	15	20	30	15	20	20	2	2	15	15
Sb	Color.	3	10	2	[illegible]	2	3	2	1	1	1	2	1	1	2	4	1	1	0.5	1	1	1	1	2	0.5	1	1	1	1	1	1
		2	2	2	[illegible]	12	4	2	1	1	1	1	0.5	1	2	2	1	1	1	L	1	2	1	1	1	1	1	3	1	0.5	L
F	S.I.	1[illegible]0	1000	560	1[illegible]	720	680	800	440	720	480	680	520	540	480	1760	350	230	160	240	200	280	400	310	100	150	350	360	1280	170	120
		[illegible]	560	720	[illegible]	1080	1960	920	600	840	640	600	600	520	460	960	320	260	220	280	290	560	520	480	120	190	420	440	820	150	140

West — Principal vein — East

Granodiorite | Diabase

Approximate contact

1/ Sample V is 75 feet NNE of Sample U; traverse extends east from sample U and west from sample V

Traverse 295
View North

Sample

Element	Type of analysis	CC	Y	MM	LL	KK	JJ	II	HH	GG	FF	EE	DD	CC	BB	AA	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
Au	ppb	2	2	22	<	100	L	N	50	N	N	N	N	L	N	L	L	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		15	5	75	<	L	L	N	L	N	N	N	N	N	N	N	20	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cu	ppm	20	—	45	1	20	10	20	30	20	5	20	10	20	20	25	20	15	20	15	5	15	15	10	10	30	20	15	10	15	10	15	10	15	30	45	20	15	25	35	15	20
		50	—	65	2	15	20	25	40	25	20	20	15	25	25	20	20	20	35	25	15	35	20	25	25	40	20	20	25	20	20	30	15	20	45	30	30	20	25	35	10	15
Pb	ppm	55	10	60	22	25	15	20	20	30	10	20	15	30	30	50	30	30	20	20	20	15	15	15	15	20	15	15	15	15	10	15	10	15	30	30	20	30	30	30	40	40
		75	22	30	20	15	15	25	25	20	20	25	20	20	25	30	30	35	25	25	20	20	20	20	20	20	20	15	20	20	20	20	15	15	25	20	20	20	20	20	35	25
Zn	ppm	25	20	65	22	30	15	35	75	40	15	25	25	30	35	40	30	30	25	25	30	20	25	20	20	35	25	20	20	20	20	20	20	15	35	40	45	45	60	40	75	30
		25	10	25	15	20	20	50	60	30	25	30	35	30	25	40	20	30	25	35	30	40	30	35	25	40	20	20	30	25	30	30	20	20	30	45	45	45	45	50	35	25
Be	ppm	7	30	20	1	20	15	7	15	10	10	5	7	5	3	5	5	5	2	3	7	7	3	20	3	10	10	7	10	15	10	10	10	3	20	3	2	—	1.5	3	7	20
		5	3	3	1	5	10	2	10	5	5	3	3	5	2	10	5	2	1.5	2	2	2	2	2	3	2	2	7	100	3	3	3	5	20	3	1.5	3	—	2	2	7	5
Mo	ppm	N	L	N	N	N	L	L	L	L	N	N	L	L	L	N	N	N	N	N	N	N	N	N	N	4	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	L	N	N	N	L	N	4	L	L	L	N	L	4	N	4	N	L	L	N	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	L	N	N	N
Ni	ppm	5	7	7	7	7	7	30	10	7	5	10	7	7	10	10	7	10	10	10	10	7	20	10	20	7	7	7	5	7	7	7	7	7	10	70	70	70	5	7	70	30
		5	7	7	7	7	10	20	20	10	10	10	20	10	20	15	10	10	10	10	20	10	30	10	20	30	7	7	7	7	7	7	7	7	10	30	5	50	5	30	50	30
Co	ppm	7	—	10	7	5	5	20	20	10	10	10	7	5	10	7	7	7	15	7	7	7	7	7	5	10	10	10	7	7	15	10	10	10	20	10	5	30	5	20	20	30
		10	—	15	10	10	10	20	30	20	10	10	15	20	30	10	7	7	10	20	15	10	10	10	10	30	10	7	5	7	7	7	10	30	5	30	5	30	30	30	30	30
Cr	ppm	3	7	20	20	70	10	20	150	30	20	20	10	20	30	15	10	15	20	10	10	10	10	10	10	30	15	15	15	15	15	15	15	30	30	30	50	70	30	50	50	50
		5	5	10	5	50	20	20	200	30	20	20	20	50	70	15	30	20	20	20	30	30	20	20	20	30	15	20	15	15	20	20	15	30	30	30	30	50	50	50	50	50
Ag	ppm	—	—	2		3	0.5	.5	1	1	0.5	1	L	1	1	?	1	1	0.5	1	0.5	0.5	0.5	L	L	0.5	0.5	0.5	1	1	0.5	1	1	1	1	1	.5	1	2	?	1	?
		—	—	2		1	0.5	1	1	0.5	?	1	L	0.5	2		0.5	1	1	1	0.5	1	0.5	1	0.5	1	0.5	0.5	0.5	0.5	0.5	L	1	1	0.5	0.5	.5	1	1	2	2	1	?
Fe	pct.	14	6	9	6	6	5	4	15	6	2	4	3	3	3	4	4	4	5	3	1	4	2	1	.7	12	6	6	7	4	3	4	2	2	1	8	7	7	6	12	8	4
		9	1	9	6	6	7	6	14	6	5	5	3	5	4	3	4	5	6	6	3	10	3	6	4	10	8	8	4	5	4	3	3	3	1	15	9	8	8	13	9	3

West

Pegmatitic vein (Walker No. 1)

Vein quartz float

Granodiorite | Diabase

Approximate contact

East

Traverse 297
View North

Sample

Element	Type of analysis	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE
W	D.A.S.	N	N	N	N	L	L	N	N	N	N	N	N	N	N	N	N	N	N	125	50	L	25	70	L	L	L	L	L	25	L	25
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	100	50	L	L	100	L	L	L	L	50	25	L	75
Cu	A.A.	17	17	22	45	22	20	25	20	17	17	12	12	20	37	30	30	45	12	120	20	20	17	55	20	15	22	20	22	15	30	12
		20	30	35	55	40	25	45	45	20	45	35	40	50	60	50	40	20	45	22	45	25	45	40	45	35	55	35	40	45	35	25
Pb	A.A.	17	12	10	20	17	15	20	12	15	22	17	10	17	12	10	10	20	15	40	22	15	27	50	20	25	22	20	22	22	20	17
		10	15	15	15	15	15	15	20	10	20	15	20	15	15	20	15	25	15	40	20	15	45	75	30	25	20	20	25	22	30	20
Zn	A.A.	17	32	32	3	37	25	27	37	32	32	33	27	30	30	30	30	30	25	37	25	22	30	32	30	21	27	22	32	27	33	20
		30	35	30	37	25	30	35	42	30	25	42	25	30	30	35	30	20	25	40	30	30	20	45	30	35	35	30	3	35	30	25
Ag	D.A.S.	1	2.5	2.5	9	6	13	5	10	6	10	4	1.5	3	2	2	1.5	2	2	7	7	2	1	15	9	7	13	13	2	2	4	30
		3	2	7	3	5	20	2	2	7	2	2	1.5	15	2	1.5	2	1.5	1.5	7	2	2	30	3	7	7	3	7	1	3	10	5
Mo	Color.	15	4	7	11	5	8	10	11	11	8	9	4	2	7	9	11	9	4	35	11	15	4	7	8	6	8	8	4	6	9	4
		20	12	20	20	4	10	12	8	2	15	10	10	10	12	20	15	15	10	20	20	15	12	40	15	12	15	15	15	15	15	4
Cu	D.A.S.	15	9	7	2	15	10	10	9	3	7	8	7	9	7	5	7	7	15	7	6	12	9	6	7	7	9	7	7	7	12	7
		7	7	7	10	20	10	7	10	7	7	7	7	10	7	7	7	10	10	7	7	10	5	7	10	20	10	7	10	15	10	7
Ni	D.A.S.	12	6	6	7	7	5	7	7	5	27	6	6	9	9	10	9	10	5	7	9	6	5	7	5	5	7	7	9	6	12	5
		15	12	10	12	10	20	10	15	10	30	10	10	30	10	20	20	20	30	5	20	10	15	20	20	20	20	20	20	15	20	15
Zr	D.A.S.	45	20	25	15	20	17	25	15	17	30	12	20	25	50	65	60	50	10	10	25	15	25	85	15	25	40	30	20	40	30	40
		30	30	30	2	50	50	15	30	30	30	40	30	30	30	50	50	70	20	10	30	30	20	150	30	30	30	20	20	5	30	20
Sn	Color.	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	1	0.5	1	1	10	2	1.5	1.5	2	2	2	1	1.5	2	2	1	2
		0.5	0.5	0.5	1	1	1	1	1	0.5	1	0.5	1	1	1	1	1	1	1	6	3	2	—	2	3	1	1	—	1	—	—	—
Fe	A.I.	0	520	540	820	540	520	640	660	550	400	280	290	265	620	520	800	600	410	1800	800	445	740	500	540	520	540	1140	540	80	340	220
		20	720	720	1140	480	680	900	1120	640	680	400	800	560	1160	1040	900	440	800	1040	1080	700	1140	1020	1520	1740	1740	1140	1120	1140	1140	1140

West

East

Pyllite

Granodiorite

Approximate contact

Principal vein (Scott zone)

* Value in upper position for each element is average of two reported analyses

Traverse 309

View North

Sample

Element	Type of Analysis	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
W	S.Q.S.	N	N	N	N	N	N	N	L	L	L	50	L	L	100	L	N	L	L	300
		N	70	N	N	N	N	N	L	L	L	50	L	L	L	L	N	L	L	N
Cu	A.A.	20	40	25	40	30	10	5	15	50	20	5	10	5	15	10	15	10	10	15
		15	55	15	30	60	25	5	20	70	25	10	5	10	15	25	20	20	15	20
Pb	A.A.	25	30	25	20	20	15	20	20	20	20	10	10	10	30	10	15	10	20	20
		20	10	15	20	15	10	15	15	10	10	10	10	10	15	20	20	10	20	20
Zn	A.A.	95	80	70	70	80	85	110	20	35	45	25	15	15	25	15	20	15	20	20
		110	50	80	80	120	85	130	35	30	60	20	15	20	20	20	20	20	15	20
Be	S.Q.S.	3	2	1.5	3	2	2	1.5	3	5	15	5	7	15	15	10	10	15	20	10
		1.5	3	2	3	1.5	3	1.5	5	15	7	7	20	7	15	7	15	10	10	7
Mo	Color.	L	N	N	N	N	N	L	N	L	N	N	N	N	N	L	N	N	L	L
		L	N	N	N	L	N	N	N	N	L	N	N	N	L	N	L	N	L	L
Co	S.Q.S.	30	70	50	50	30	50	70	7	7	7	7	7	5	7	5	10	5	5	7
		70	70	50	50	50	70	50	7	10	10	7	7	7	10	20	10	7	10	7
Ni	S.Q.S.	30	30	30	30	20	20	20	20	7	5	7	7	7	7	5	30	10	10	20
		50	30	30	50	30	30	20	5	5	5	7	7	7	20	30	30	30	30	20
Cr	S.Q.S.	30	50	70	70	20	30	30	10	10	10	10	10	10	20	15	50	20	30	50
		100	50	50	70	30	30	20	10	10	20	15	10	15	30	50	50	50	70	50
Mn	Color.	0.5	1	0.5	0.5	0.5	0.5	0.5	2	1	2	1	0.5	L	1	0.5	1	1	1	2
		1	0.5	0.5	0.5	1	0.5	1	1	0.5	1	1	L	0.5	1	0.5	1	1	2	2
Fe	S.I.	440	560	480	520	480	600	560	560	680	1320	960	560	440	760	600	560	640	440	960
		440	1120	480	1040	840	1200	720	560	560	1400	1400	560	560	880	1120	800	1040	640	1080

West

Phyllite | Granodiorite

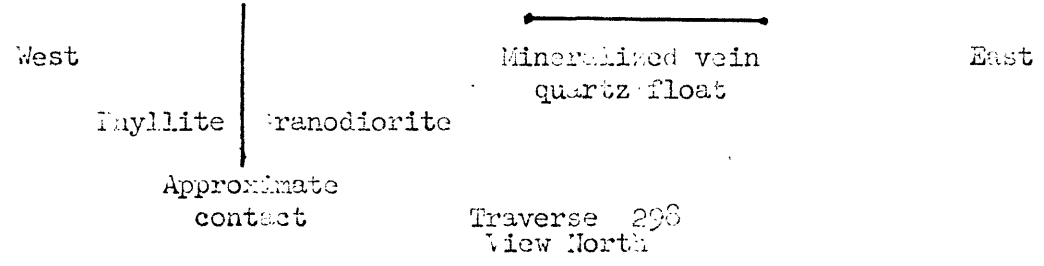
Approximate contact

East

Mineralized vein quartz float

Traverse 296
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
W	S.Q.S.	N	N	N	N	50	N	50	50	70	70	50	100	L	L	L
		N	N	N	N	N	L	L	70	50	100	70	70	50	L	L
Cu	A.A.	5	15	10	10	25	15	10	25	10	20	20	15	10	10	40
		5	15	15	15	25	25	20	30	20	35	30	25	20	25	40
Pb	A.A.	15	15	15	15	20	20	20	10	15	25	20	35	20	20	85
		15	15	15	20	20	20	15	20	20	30	30	30	30	20	40
Zn	A.A.	40	20	25	40	30	35	20	30	15	30	20	25	25	20	50
		110	30	30	70	35	45	20	20	20	30	20	25	25	20	50
Be	S.Q.S.	5	5	50	5	10	3	10	10	20	5	7	5	5	3	3
		2	5	2	1.5	3	5	5	3	15	15	2	5	7	3	2
Mo	Color.	L	N	4	N	4	L	L	N	L	N	4	N	N	8	11(+)
		4	4	N	4	L	4	L	4	N	4	4	8	L	L	4
Co	S.Q.S.	30	10	10	20	20	50	10	5	7	20	7	7	7	7	7
		70	15	20	70	10	50	10	10	7	10	7	7	7	7	10
Ni	S.Q.S.	15	20	7	20	10	10	7	7	7	10	10	7	7	10	10
		30	30	20	50	20	50	30	30	10	15	20	7	10	10	30
Cr	S.Q.S.	20	20	20	50	30	30	20	20	30	30	20	50	30	30	30
		50	30	30	70	20	30	20	50	30	30	30	30	50	30	70
Sb	Color.	1	2	2	1	1	1	1	2	2	2	1	2	2	1	4
		1	2	1	1	1	1	0.5	1	1	2	2	2	2	2	4
F	S.I.	560	360	440	300	600	600	680	880	760	760	600	760	440	330	1040
		880	280	400	320	720	720	720	840	960	680	600	960	520	480	800



Traverse 298
View North

Element	Type of analysis	Sample G	F	E	D	C	B	A
W	S.Q.S.	*50	50	85	50	25	25	50
		70	70	100	100	70	50	50
Cu	A.A.	*45	25	22	12	25	25	62
		60	30	20	10	40	50	80
Pb	A.A.	*82	52	50	25	360	410	25
		40	35	30	20	20	25	30
Zn	A.A.	*75	30	30	15	22	17	22
		35	20	20	15	25	20	30
Be	S.Q.S.	*8.5	10	5	7	7	6	12
		10	5	10	10	3	3	30
Mo	Color.	*L	L	N	N	L	4	L
		10	L	N	L	N	4	4
Co	S.Q.S.	*7	7	7	7	6	7.5	10
		10	7	7	7	10	20	10
Ni	S.Q.S.	*8.5	7	8.5	10	13	13	10
		30	10	7	10	30	30	10
Cr	S.Q.S.	*50	30	40	40	25	35	60
		150	30	30	30	50	100	70
Sb	Color.	*5.5	4	5.5	1.5	1.5	1.5	2
		5	2	5	3	3	2	2
F	S.I.	*1000	670	375	290	410	515	275
		1500	840	560	350	800	720	600

West — East

Principal vein (Walker No. LA)

Traverse 299
View North

Element	Type of analysis	Sample F	E	D	C	B	A
W	S.Q.S.	*60	35	25	L	35	35
		L	L	L	70	L	50
Cu	A.A.	*12	15	12	7	7	10
		10	15	10	20	5	10
Pb	A.A.	*32	37	37	27	200	67
		20	35	30	35	20	45
Zn	A.A.	*32	47	47	20	25	12
		20	30	25	20	20	15
Be	S.Q.S.	*22	6	15	5	5	5
		7	10	3	3	5	10
Mo	Color.	*N	L	N	N	N	N
		N	N	4	N	4	N
Co	S.Q.S.	*7	6	6	7	7	7
		7	7	5	10	7	7
Ni	S.Q.S.	*10	7	7	7	7	7
		10	7	7	7	7	7
Cr	S.Q.S.	*40	32	15	20	17	25
		15	20	15	30	15	15
Sb	Color.	*2	6	3.5	3	3.5	7
		2	3	3	3	2	3
F	S.I.	*350	500	270	315	315	225
		370	440	270	440	280	280

West — East

Principal vein (Walker No. LA)

Traverse 301
View North

*Value in upper row for each element is average of two reported analyses

Element	Type of analysis	Sample J	I	H	G	F	E	D	C	B	A
W	S.Q.S.	*50	L	25	60	70	25	L	N	N	N
		50	L	L	150	70	L	L	N	N	N
Cu	A.A.	*30	10	12	17	22	10	10	7	15	15
		30	20	15	20	25	10	10	15	25	20
Pb	A.A.	*40	25	32	30	32	20	25	20	15	15
		30	20	25	20	20	20	20	20	25	20
Zn	A.A.	*40	30	27	27	32	22	27	20	35	20
		30	30	25	20	25	20	20	20	30	25
Be	S.Q.S.	*6	6	18	10	11	6	7.5	6.5	3	5
		3	30	7	50	10	5	10	7	3	3
Mo	Color.	*L	L	N	N	L	N	L	L	N	N
		4	4	N	N	4	N	4	L	L	N
Co	S.Q.S.	*7	6	6	8.5	7	10	10	10	10	25
		7	5	5	7	20	10	30	20	20	20
Ni	S.Q.S.	*12	8.5	7	12	10	10	10	10	12	10
		20	7	7	10	30	10	20	20	30	30
Cr	S.Q.S.	*40	30	70	30	40	60	30	30	40	25
		50	30	10	70	150	30	50	30	50	30
Sb	Color.	*3	1.5	3	2.5	3.5	1.5	2	1.5	1	1
		2	1	2	4	3	2	2	1	2	1
F	S.I.	800	560	410	540	430	310	190	230	295	210
		1040	920	600	580	380	280	250	380	480	290

West — Principal vein (Walker No. L.) — East

Traverse 302
View North

Element	Type of analysis	Sample K	J	I	H	G	F	E	D	C	B	A
W	S.Q.S.	*L	L	50	L	110	125	L	N	N	N	N
		50	50	100	L	150	100	L	N	N	N	N
Cu	A.A.	*17	12	12	22	35	27	20	17	25	20	22
		35	15	30	20	50	35	25	20	20	25	35
Pb	A.A.	*25	15	12	30	65	35	17	20	22	25	17
		20	10	15	20	100	20	20	20	20	25	25
Zn	A.A.	*45	22	25	40	25	32	25	37	37	42	35
		20	15	20	35	50	20	20	30	40	45	45
Be	S.Q.S.	*10	10	10	3	17	25	3	3	3	6	3
		15	50	7	3	7	20	3	3	2	2	3
Mo	Color.	*N	N	L	4	N	L	L	N	N	L	L
		L	N	4	N	N	N	L	L	N	L	L
Co	S.Q.S.	*5	6	7	20	8	7	10	25	15	17	10
		10	7	10	20	7	7	7	10	20	20	10
Ni	S.Q.S.	*10	20	30	30	50	70	30	40	40	50	30
		100	30	50	30	150	100	30	30	50	50	70
Cr	S.Q.S.	*20	17	20	17	30	40	50	30	30	30	20
		50	30	30	20	20	30	70	30	30	30	30
Sb	Color.	*3	2	2	3	4	2	2	1	3	1	0.5
		2	2	2	2	4	2	1	2	1	1	1
F	S.I.	*590	470	860	1720	1080	1080	470	460	540	620	550
		1000	920	1240	1760	960	1080	720	480	520	840	920

West — ↑ Projection of principal vein — East

Traverse 303
View North

*Value in upper row for each element is average of two reported analyses

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K
W	S.Q.S.	*L	L	L	25	35	50	60	50	L	N	L
		L	L	N	L	L	70	100	70	50	L	L
Cu	A.A.	*50	62	22	27	20	30	22	15	22	27	32
		40	110	35	55	40	35	40	25	55	45	40
Pb	A.A.	*17	17	10	20	17	15	15	17	15	27	20
		15	20	15	20	20	20	20	20	20	85	20
Zn	A.A.	*47	100	27	35	42	20	12	10	17	17	22
		45	50	25	70	30	20	20	15	35	20	25
Be	S.Q.S.	*10	7	10	15	10	10	10	12	10	7	10
		5	5	5	5	10	30	5	10	10	2	5
Mo	Color.	*L	N	L	N	N	L	6	L	L	4	4
		N	L	N	4	L	4	4	4	N	L	4
Co	S.Q.S.	*10	10	9	10	7	7	7	6	5	7	7
		50	7	7	50	7	7	7	7	7	7	7
Ni	S.Q.S.	*15	15	15	17	20	10	12	6	9	9	13
		30	20	15	30	50	20	20	10	30	10	10
Cr	S.Q.S.	*30	25	35	50	50	30	40	25	20	22	30
		30	30	30	70	50	50	50	30	70	20	30
Sb	Color.	*2	3	2	3	3	2	3	10	3	2	1
		1	1	1	4	4	2	2	10	3	3	1
F	S.I.	*1[illegible]0	13[illegible]0	1160	16[illegible]0	17[illegible]0	19[illegible]	1[illegible]60	19[illegible]0	11[illegible]0	840	1380
		1 0	15[illegible]0	1200	25[illegible]0	2[illegible]60	9[illegible]	[illegible]30	1[illegible]0	17[illegible]0	480	1600

West — Mineralized vein quartz float — East

*Value in upper row for each element is average of two reported analyses

Traverse 304
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G
W	S.Q.S.	*[illegible]00	L	6[illegible]	25	5[illegible]	L	25
		100	50	5[illegible]	L	5[illegible]	150	L
Cu	A.A.	*30	22	3[illegible]	10	27	30	4[illegible]
		50	45	50	25	45	30	50
Pb	A.A.	*12	20	17	12	15	15	45
		20	20	20	10	20	20	20
Zn	A.A.	*35	40	47	17	25	20	47
		45	70	80	20	35	15	20
Be	S.Q.S.	*10	35	5	20	9	9	12
		10	15	10	20	3	15	10
Mo	Color.	*L	L	N	N	N	4	N
		L	N	L	N	L	N	N
Co	S.Q.S.	*10	7	10	7	7	7	7
		20	20	10	7	30	7	10
Ni	S.Q.S.	*[illegible]0	30	50	3[illegible]	30	20	42
		70	1[illegible]0	5[illegible]	70	3[illegible]	30	7[illegible]
Cr	S.Q.S.	*50	[illegible]0	75	40	60	70	9[illegible]
		100	100	70	30	50	50	70
Sb	Color.	*[illegible].5	4.5	2.5	1.5	2.5	2	4
		4	4	3	2	3	1	2
F	S.I.	*1[illegible]0	11[illegible]	1[illegible]0	[illegible]40	12[illegible]	[illegible]40	720
		1[illegible]0	1[illegible]	[illegible]00	1[illegible]0	1560	1[illegible]0	680

West — Mineralized vein quartz float to north and south along contour — Projection of lesser mineralized vein — East

*Value in upper row for each element is average of two reported analyses

Traverse 305
View North

Element	Type of analysis	Sample P	O	N	K	L	J	J[1]	I[2]	H	G	F	E	D	C	B	A
W	S.Q.S.	*50	L	L	L	70	L	L	200	50	150	35	L	50	L	L	50
		100	L	N	50	70	L	50	300	70	150	70	L	L	L	N	50
Cu	A.A.	*27	15	12	20	15	17	17	22	27	20	37	25	32	25	27	32
		25	20	30	30	30	40	35	60	35	30	50	30	35	35	25	40
Pb	A.A.	*20	12	10	17	17	20	25	20	17	17	32	30	30	25	22	20
		20	15	15	20	20	20	20	40	20	20	35	25	30	40	20	20
Zn	A.A.	*32	17	12	15	12	22	17	17	20	12	20	17	30	22	25	27
		70	20	20	15	15	20	15	20	20	20	20	20	25	30	25	25
Be	S.Q.S.	*3	12	7	5	10	15	20	30	7	40	3	3	9	7	4	6
		15	20	2	5	10	50	20	10	5	7	2	3	2	5	3	5
Mo	Color.	*N	N	L	L	N	N	L	N	L	L	L	N	L	L	N	4
		N	N	N	N	N	N	15	N	L	N	N	N	N	N	N	8
Co	S.Q.S.	*10	9	12	7	7	7	7	7	9	10	9	9	10	9	15	10
		10	7	10	10	7	7	7	7	10	10	10	7	7	10	20	20
Ni	S.Q.S.	*15	7	9	9	10	10	15	15	25	25	30	50	40	30	30	40
		30	20	20	20	10	20	70	20	30	30	20	30	30	30	20	30
Cr	S.Q.S.	*50	20	20	22	30	20	25	22	40	40	40	30	50	30	40	40
		100	30	30	50	50	30	30	30	50	70	70	20	30	30	30	50
Sb	Color.	*1	1	1	1	1.5	2	2	0.5	1.5	2	2	1.5	1.5	1.5	1	1
		1	L	0.5	2	2	1	8	0.5	0.5	2	2	1	1	1	1	2
Ag	S.I.	*470	170	60	L	100	680	985	295	440	490	660	750	580	510	510	820
		1160	30	L	50	50	230	1200	380	420	520	680	720	480	600	440	1040

West — Mineralized vein quartz float — Principal vein (Shoot No. 1) — East

* Value in upper row for each element is average of two reported analyses.

1/ Sample J is 110 feet north of sample K at bend in traverse (see fig. 1)

2/ Sample I is 220 feet north of sample K; traverse bends and extends east from sample I; interval between samples I and H is 100 feet.

Element	Type of analysis	Sample Q	P	O	N	M	L	K	J	I	H	G[1]	F	E	D	C	B	A
Ag	S.Q.S.	*L	L	50	N	L	L	L	35	125	100	100	350	175	150	50	75	50
		N	N	L	L	L	N	L	L	150	70	50	200	200	130	100	70	50
Cu	A.A.	*27	10	5	7	10	7	10	22	72	42	25	27	25	30	20	20	22
		30	15	10	15	20	20	20	25	70	25	25	55	60	45	30	25	35
Pb	A.A.	*17	12	12	15	17	17	15	27	35	87	22	60	57	40	27	35	27
		20	15	10	10	15	20	15	15	30	20	25	100	80	60	50	32	35
Zn	A.A.	*15	15	10	12	12	10	15	25	27	50	20	15	17	15	22	20	27
		15	15	15	15	10	10	15	10	30	15	20	20	25	20	20	25	25
Be	S.Q.S.	*6	10	12	12	15	50	9	17	15	15	4	10	5	6	3	2.5	5
		3	5	15	20	3	7	20	3	10	15	3	10	5	3	2	2	2
Mo	Color.	*N	N	N	N	N	N	N	L	4	N	L	L	N	N	N	N	N
		N	N	N	N	N	N	N	N	8	N	L	4	L	N	N	N	N
Co	S.Q.S.	*25	9	7	7	7	5	7	7	7	15	10	5	7	6	9	9	9
		30	7	7	10	15	7	7	20	7	10	20	5	5	7	7	10	10
Ni	S.Q.S.	*35	9	7	7	80	7	7	30	12	7	20	12	10	17	35	20	30
		30	20	30	15	20	30	10	10	30	20	30	20	30	30	30	30	30
Cr	S.Q.S.	*65	50	25	30	40	25	20	75	40	30	25	50	40	40	135	40	50
		30	50	30	70	50	30	50	30	50	50	50	30	100	50	200	30	100
Sb	Color.	*1.5	1	1	1	1	1	2	2	2.5	7	3.5	22	10	6	3.5	3	2.5
		1	1	1	1	1	1	2	1	4	2	2	25	15	8	2	3	2
F	S.I.	*800	360	210	255	465	340	700	800	1340	610	1400	740	300	660	580	560	800
		1000	480	280	600	1000	460	1120	2080	2480	760	1500	840	1080	1600	880	1080	1000

West — Principal vein (Sneed No. 1) — East

1/ Interval between Samples F and G is 100 feet

*Value in upper row for each element is average of two reported analyses

Traverse 307
View North

Element	Type of analysis	Sample A	B	C	D	E
W	S.Q.S.	*N L	25 L	N N	N N	L L
Cu	A.A.	*40 65	22 45	12 30	27 55	17 25
Pb	A.A.	*15 25	12 15	12 15	12 15	10 15
Zn	A.A.	*20 30	17 15	12 15	20 30	12 15
Be	S.Q.S.	*2.5 3	2.5 5	6 3	3 2	2.5 3
Mo	Color.	*17 12	9 20	12 12	9 40	8 20
Co	S.Q.S.	*20 50	9 7	6 10	7 10	7 7
Ni	S.Q.S.	*45 50	30 7	9 30	20 50	12 20
Cr	S.Q.S.	*20 150	70 100	30 50	65 200	50 50
Sb	Color.	*2 2	1 1	2 2	2.5 2	1.5 2
Fe	S.I.	*700 700	30 30	670 840	930 1100	740 740

West East

*Value in upper position for each element is average of two reported analyses

Traverse 308

View North

Geochemical soil sampling traverses--copper-molybdenum anomaly, Hamme tungsten district, North Carolina.

Traverses 310; 317-320. Upper value for each element from 0-1 ft depth; lower value from 1-2 ft depth; underlined numbers are at or above geochemical threshold determined for soil derived from phyllite (see table)

Type of analysis: Color. - colorimetric; A.A. - atomic absorption; S.Q.S. - semiquantitative spectrographic; S.I. - specific ion.

Symbols for analytical results: Measurable values given directly in parts per million; L, element detected, but less than limit of measurement; N, element not detected at stated limit of measurement.

Limit of measurement (only for elements having L or N amounts): W 50; Ni 5; Bi 10

Interval between samples is 50 feet unless otherwise indicated.

Element	Type of analysis	Sample A	B	C	D	E	F	G	H
Ag	S.Q.S.	*L	L	L	L	25	N	L	N
		L	L	L	N	50	L	L	L
Cu	A.A.	*130	245	50	60	140	90	140	200
		400	250	70	70	350	300	300	350
Pb	A.A.	*17	17	17	15	20	15	20	20
		20	15	10	10	20	20	25	25
Zn	A.A.	*40	40	25	30	30	45	30	25
		50	50	25	30	40	70	40	10
Be	S.Q.S.	*4	5	3	3	5	5	3	5
		5	5	5	3	3	5	3	5
Mo	Color.	*110	210	120	70	70	17	60	150
		240	120	180	50	80	120	60	50
Co	S.Q.S.	*15	20	8	8	15	10	15	25
		20	20	10	20	10	20	7	7
Ni	S.Q.S.	*20	20	8	10	10	5	15	18
		30	30	20	10	10	10	30	10
Cr	S.Q.S.	*22	17	15	17	17	12	30	40
		50	50	20	20	20	20	30	20
Sb	Color.	*2	2	1	1	1	1	1	1
		2	2	2	2	2	1	1	2
Bi	S.Q.S.	*25	17	N	N	N	5	N	25
		70	70	N	N	N	50	15	N
F	S.I.	*1700	1420	1120	1100	1380	1240	1300	1620
		1920	1580	1120	1180	1640	1200	1160	1380
		West							East

*Values in upper position for each element are average of two reported values

Traverse 310
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N
W	S.Q.S.	L 50	N L	N N	N L	L N	L L	L N	N N	L L	N N	N N	N L	N N	N N
Cu	A.A.	30 60	35 55	35 75	50 85	65 85	50 70	30 35	55 110	50 65	50 75	90 110	95 20	75 100	70 120
Pb	A.A.	10 10	5 5	5 10	10 10	10 10	10 10	10 10	10 15	10 10	10 10	15 15	10 10	10 10	10 15
Zn	A.A.	15 20	10 15	10 15	15 20	15 25	15 20	15 15	20 35	30 35	20 25	20 25	25 35	20 20	20 30
Be	S.Q.S.	3 3	3 3	3 3	3 5	5 5	3 5	5 5	3 3	5 3	3 3	5 7	5 3	3 3	3 3
Mo	Color.	30 50	30 30	30 70	100 150	70 100	50 70	30 50	50 200	50 100	50 50	150 200	70 70	50 70	50 70
Co	S.Q.S.	7 10	5 5	5 10	5 10	10 10	5 10	10 10	5 10	10 10	5 10	5 10	10 7	10 10	10 10
Ni	S.Q.S.	10 20	7 10	5 15	10 15	5 10	5 10	10 10	L 10	10 15	5 7	5 7	10 15	10 10	10 15
Cr	S.Q.S.	30 70	50 30	30 30	30 50	30 70	30 30	30 30	20 50	30 50	30 30	15 50	70 100	50 50	30 50
Sb	Color.	1 2	1 2	1 2	2 2	2 2	2 1	2 2	2 2	2 2	2 2	2 0.5	0.5 0.5	0.5 0.5	0.5 0.5
Bi	S.Q.S.	N N	10 10	L 20	30 30	10 10	10 10	10 20	10 70	20 20	10 10	100 200	30 30	150 10	N N
Ag	S.I.	300 700	700 700	700 800	600 900	600 700	600 800	600 700	1000 1000	1300 1100	900 900	600 700	800 800	700 600	600 600

West — Quartz vein — East

Traverse 317
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
W	S.Q.S.	N	L	50	50	70	70	N	N	N	N	N	N	N	N	N
		N	L	50	70	5	100	50	N	N	N	N	N	N	N	N
Cu	A.A.	35	80	40	60	35	45	75	40	40	40	40	40	70	35	30
		90	110	45	90	50	60	110	85	80	80	75	55	120	50	35
Pb	A.A.	10	10	10	10	5	10	10	10	10	10	10	10	10	10	5
		10	10	10	10	5	10	15	10	15	10	15	10	10	10	10
Zn	A.A.	15	20	15	20	20	20	20	15	15	15	15	20	20	20	20
		20	25	20	20	20	25	30	20	20	25	20	20	25	20	20
Be	S.Q.S.	5	5	5	3	5	5	3	10	3	5	2	2	3	1	2
		3	3	3	3	3	7	3	3	5	2	2	2	3	2	2
Mo	Color.	50	100	70	70	100	300	150	50	30	15	15	15	30	20	15
		100	100	100	150	300	300	200	50	70	30	20	20	50	20	15
Co	S.Q.S.	7	10	5	10	5	7	5	5	5	5	5	5	5	5	5
		10	10	10	10	10	10	10	7	5	5	5	5	5	5	5
Ni	S.Q.S.	10	30	10	20	15	7	10	10	20	5	7	10	10	7	7
		20	20	20	20	30	15	20	20	15	10	10	10	15	10	15
Cr	S.Q.S.	50	70	50	70	70	50	50	30	30	30	20	30	20	20	30
		70	70	70	70	70	70	70	50	50	30	30	20	20	20	30
Sb	Color.	0.5	1	0.5	1	0.5	1	0.5	0.5	0.5	1	2	1	1	1	1
		0.5	1	0.5	1	1	1	0.5	0.5	1	2	1	1	2	0.5	1
Bi	S.Q.S.	N	N	N	N	N	10	10	10	N	10	N	N	N	N	N
		N	N	N	N	N	N	30	10	10	20	N	10	10	15	10
F	S.I.	700	700	700	900	700	1200	800	500	900	700	500	225	200	275	225
		800	700	700	1000	700	1200	900	800	1000	900	600	275	300	275	200

West — [illegible] vein — East

Traverse 318
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
W	S.G.S.	N N	N N	N N	N L	N N	N L	L L	N L	N L	N N	N N	N N	N N	N L	N 50	N N
Cu	A.A.	45 70	85 65	55 90	60 110	60 130	80 90	30 60	40 70	45 100	35 90	50 45	55 100	45 85	35 65	25 35	15 25
Pb	A.A.	5 10	10 5	5 10	5 5	10 10	5 5	5 10	5 10	5 10	10 10	5 10	15 20	20 15	10 20	10 10	10 10
Zn	A.A.	20 20	15 15	15 20	15 20	15 15	20 20	15 20	20 25	15 20	15 30	15 20	15 20	20 20	15 20	15 15	10 15
Be	S.G.S.	3 3	3 3	3 5	3 7	3 3	7 2	5 3	10 3	3 3	3 3	3 3	3 3	3 3	5 3	2 3	3 3
Mo	Color.	70 50	70 50	50 150	100 150	150 500	100 300	50 70	50 100	100 200	70 150	50 100	30 100	50 70	50 50	20 20	10 20
Co	S.G.S.	7 7	5 5	5 10	5 5	5 10	10 15	5 10	10 10	10 10	7 10	5 10	5 10	10 10	7 7	7 5	7 7
Ni	S.G.S.	10 10	7 10	7 20	15 20	15 20	15 30	7 20	7 20	10 30	7 20	7 15	5 20	20 15	10 15	7 10	5 10
Cr	S.G.S.	30 30	30 30	30 70	50 70	30 30	30 100	50 70	50 70	70 70	50 70	30 50	50 50	70 70	50 70	50 30	30 30
Sb	Color.	1 1	2 0.5	1 1	1 2	1 2	1 2	1 1	1 2	2 2	1 2	1 2	1 2	2 1	1 2	0.5 1	1 1
Bi	S.G.S.	10 10	10 10	10 10	10 15	10 10	N N	N N	N N	20 20	10 20	N N	N N	10 10	N N	N 10	N N
F	U.I.	275 250	400 300	700 850	800 1000	700 800	425 500	170 250	200 350	350 350	200 425	350 500	500 700	800 1000	600 600	425 375	250 250

West | Quartz vein | East

Traverse 319
View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
W	S.Q.S.	N	N	L	L	L	N	L	50	L	L	N	N	N	N	N	N
		N	N	N	50	L	N	50	70	L	50	L	N	50	N	N	N
Cu	A.A.	230	150	90	55	75	50	35	45	40	40	45	65	75	30	25	30
		300	230	230	140	85	95	70	60	75	100	100	120	100	65	45	45
Pb	A.A.	10	10	10	10	5	5	5	5	5	5	10	5	5	10	5	5
		10	15	10	20	10	5	10	5	10	10	10	10	10	10	10	10
Zn	A.A.	25	20	10	10	15	15	10	15	10	20	20	20	20	15	15	20
		50	20	20	20	15	30	15	15	20	20	25	20	20	20	20	25
Be	S.Q.S.	5	3	3	5	3	3	10	3	3	3	3	3	2	2	3	2
		7	3	3	3	10	3	5	3	5	3	3	3	2	2	2	2
Mo	Color.	300	200	100	100	100	70	100	100	50	50	50	70	70	30	20	20
		500	200	200	100	100	70	200	100	100	200	100	100	70	50	30	30
Co	S.Q.S.	20	20	10	10	15	10	7	7	5	5	7	5	10	7	5	7
		15	15	15	30	15	10	7	10	10	10	10	7	10	7	7	7
Ni	S.Q.S.	50	15	5	7	15	15	7	5	5	7	5	10	15	5	5	7
		50	15	15	20	15	20	15	10	10	20	20	10	20	15	10	10
Cr	S.Q.S.	500	50	30	30	50	50	50	50	50	100	50	50	50	50	30	30
		1000	30	30	30	50	50	50	50	50	70	70	50	50	50	50	30
Sb	Color.	2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1
		1	2	3	2	1	2	2	1	1	2	1	2	2	3	1	2
Bi	S.Q.S.	N	10	N	N	N	N	10	N	N	10	N	N	N	10	10	10
		N	N	20	10	10	N	30	N	10	20	N	30	N	N	15	15
F	S.I.	225	450	450	600	350	225	500	600	300	250	450	500	600	450	600	250
		200	600	1000	500	300	400	700	500	450	375	700	700	700	475	425	475

West | quartz vein | East

Traverse 320
View North

Geochemical soil sampling traverses, border zone of granodiorite south of principal mineralized zone, Hamme tungsten district, North Carolina.

Traverses 311-316; 321-323. Upper value for each element from 0-1 ft depth; lower value from 1-2 ft depth;

Type of analysis: Color. - colorimetric; A.A. - atomic absorption; S.Q.S. - semiquantitative spectrographic; S.I. - specific ion.

Symbols for analytical results: Measurable values given directly in parts per million; L, element detected, but less than limit of measurement; N, element not detected at stated limit of measurement.

Limit of measurement (only for elements having L or N amounts): W 50; Pb 5; Be 1; Mo 2; Ni 5; F 50

underlined numbers are at or above geochemical threshold determined for soil derived from granodiorite-tonalite or phyllite (see table). Interval between samples is 50 feet unless otherwise indicated.

Sample

S.g.S.	L			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	L			N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
A.m.	10	20	5	10	10	5	5	10	10	20	20	15	5	5	10	15	10	10	10	15	10	30	30	25	5	5	5	10	35	20	15	25	5	5	5	5	20	20	20	15	5	10	20	20	25	30
	30	45	30	15	20	10	25	20	35	30	50	25	15	10	10	20	15	20	10	20	55	45	60	15	5	5	20	15	40	20	30	35	10	5	5	5	30	25	40	20	5	15	20	20	25	30
A.A.	10	15	10	15	5	10	10	L	5	5	L	5	10	5	5	15	10	L	5	5	15	15	5	10	L	L	L	10	L	L	5	5	L	L	5	L	10	5	10	5	5	L	10	10	10	10
	10	15	10	10	10	10	10	5	10	10	5	10	20	10	5	10	20	L	10	10	20	10	10	5	L	L	L	10	L	L	10	10	L	L	5	L	15	5	5	5	L	L	10	5	5	5
A.m.	10	15	20	60	10	15	10	15	10	10	10	10	10	10	20	45	20	20	20	35	20	50	45	35	20	10	15	15	20	20	40	30	20	10	10	10	40	30	40	35	40	35	35	45	40	5
	10	15	20	30	15	15	10	15	10	10	15	15	15	15	50	60	20	20	15	30	55	70	50	55	45	10	20	15	20	20	80	40	20	10	10	10	40	35	40	30	60	40	20	40	5	10
S.g.S.	1	1	2	2	1	1	L	L	1	2	1	2	10	3	20	1	L	L	2	1	L	1	2	1	1	L	1	L	L	1	3	2	L	1	3	2	3	10	5	30	5	3	7	1	1	1
	L	1	2	1	1	1	L	1	2	2	1	1	2	1	L	L	L	1	2	1	1	1	2	1	L	2	1	L	N	2	10	3	L	2	3	10	2	10	5	5	3	10	3	1	1	5
Colm.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
S.g.S.	5	5	10	5	5		5	5	5	50	5	10	10	10	10	20	20	20	60	10	10	20	10	10	5	5	5	10	20	10	30	20	20	5	30	5	30	30	30	20	5	20	20	5	30	30
	10	10	5	10	10		5	5	10	5	70	10	15	10	10	30	30	20	10	10	20	20	20	10	10	5	5	10	10	10	30	20	20	10	20	5	30	20	30	20	40	20	20	5	5	5
S.g.S.	10	30	5	5	5	5	5	5	5	5	10	10	5	5	5	5	5	5	5	7	5	10	5	5	5	5	5	5	30	20	20	20	10	5	30	5	20	30	10	50	20	15	20	20	40	30
	5	10		30	30	30	30	20	20	5	10	20	10	10	5	5	7	20	10	20	7	10	10	5	10	10	10	20	30	20	20	20	10	10	50	5	30	40	70	20	20	20	5	5	5	5
S.g.S.	70	70	110	150	50	70	70	70	30	10	10	30	20	10	30	10	30	20	50	30	30	20	10	20	50	20	50	70	200	70	70	70	70	70	200	30	70	70	100	70	70	70	50	100	70	150
	110	70	50	150	100	100	100	70	70	10	20	70	70	50	20	10	30	20	50	20	20	10	10	20	50	20	70	100	200	70	50	70	70	70	200	50	70	100	200	70	70	70	50	70	10	110
S.I.	10	10	10	70	L	70	60	30	130	200	200	140	100	100	120	130	140	110	110	180	250	60	80	100	60	L	L	50	60	60	80	60	60	60	120	80	80	130	70	60	140	140	120	L	100	110
	10	10	10	110	90	90	90	10	275	275	250	170	180	170	180	160	160	225	180	200	375	60	90	90	60	60	80	60	70	70	110	80	60	110	170	120	150	60	80	60	50	160	130	L	80	140

Phyllite | Granodiorite — East

Approximate contact

Values in S.G.S. analysis in sample RR are $\frac{20}{10}$

Traverse 311

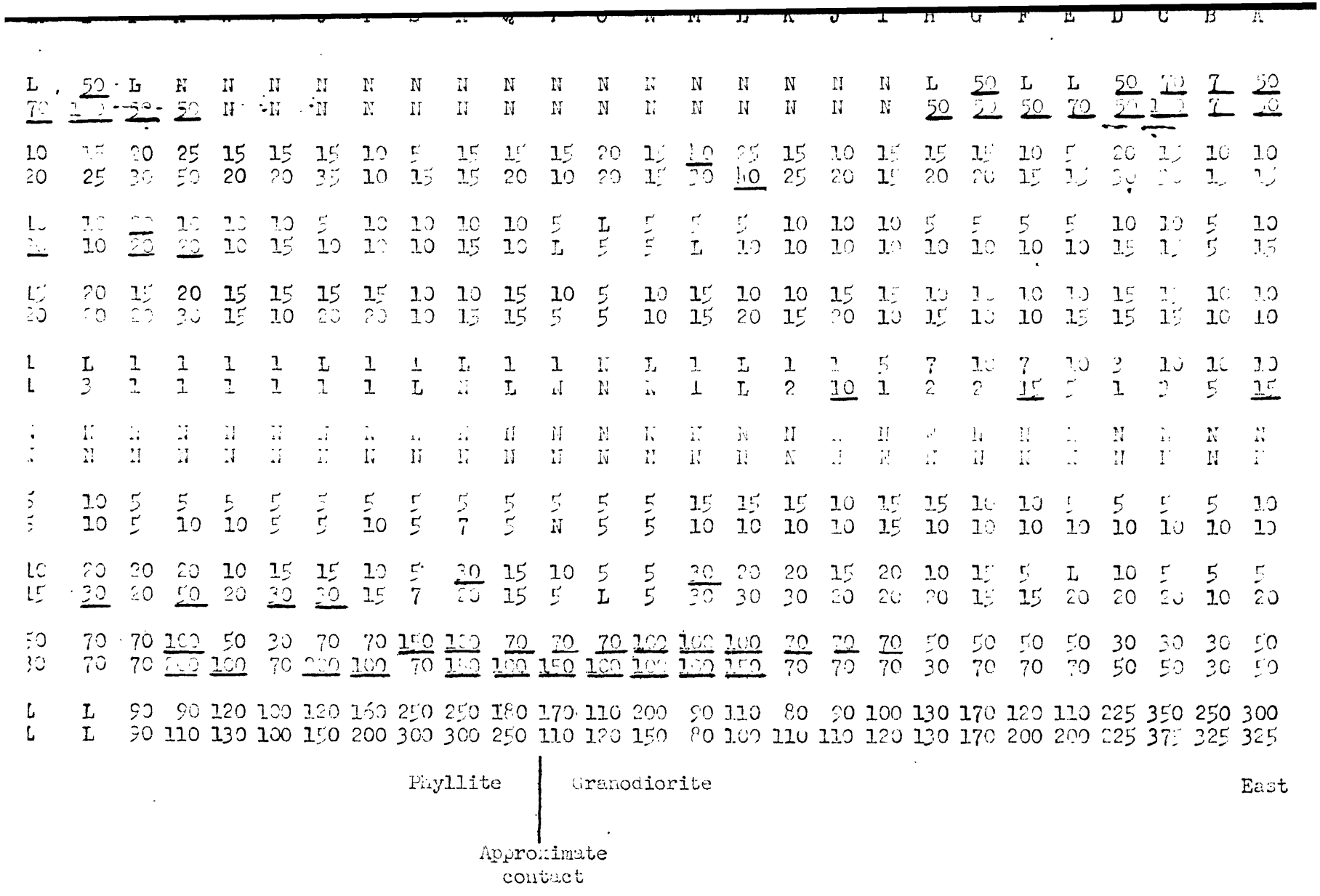
View North

[illegible]	Type of analysis	A...	Z7	YY	XX	[illegible]	VV	UU	TT	RR	QQ	PP	OO	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE	DD	CC	[illegible]
[illegible]	C.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	L	N	N	N		N	N
Cu	A.A.	15	40	15	15	15	15	10	10	10	20	20	10	5	5	5	5	5	10	10	10	15	15	30	15	10
		100	55	25	30	30	20	15	15	15	25	25	15	10	5	25	15	15	15	15	25	25	30		20	100
Pb	A.A.	10	10	10	10	10	5	10	15	15	20	15	10	15	10	5	5	5	10	10	10	10	5	10	15	10
		10	10	10	10	10	5	10	20	15	20	15	10	10	10	5	10	5	5	10	15	15	10		10	10
Zn	A.A.	15	25	10	10	10	10	10	10	20	30	25	15	10	10	10	15	15	20	15	10	15	10	20	20	10
		15	50	20	15	15	15	15	20	40	25	25	20	15	15	20	20	20	15	15	15	10	15		20	20
Be	S.Q.S.	2	2	1	1	2	1	2	1	2	2	2	1	2	5	3	2	L	L	L	L	L	1	1	1	1
		1	1	1	1	1	1	L	2	1	2	1	1	2	3	3	L	L	L	1	L	1	1		1	1
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		N	N
Co	S.Q.S.	15	15	15	15	15	15	15	15	15	30	30	15	10	10	10	5	5	5	10	10	15	7	10	5	7
		15	20	15	15	15	15	20	30	15	20	30	20	10	10	10	10	10	10	7	10	10	15		7	10
Ni	S.Q.S.	10	20	7	15	10	15	5	5	5	20	15	7	5	5	5	5	5	5	10	15	7	7	15	10	10
		30	20	10	15	20	15	15	10	15	10	15	5	7	10	7	10	15	10	5	10	10	7		20	30
Cr	S.Q.S.	30	30	30	30	30	30	30	20	20	30	30	30	30	30	30	30	30	20	30	15	30	20	30	30	30
		70	50	30	30	50	30	30	30	20	30	30	30	30	30	30	30	50	30	30	30	30	30		30	70
F	S.I.	120	60	70	90	90	70	70	70	130	120	110	70	70	70	100	70	L	60	70	L	60	L	L	L	L
		160	L	100	120	100	90	90	130	190	140	130	80	110	110	150	140	70	70	70	60	60	L		L	90

West

Traverse

View



North

Element	Type of Analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	L	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	L	N	N	N	N	N	N	N	N
Cu	A.A.	30	52	15	10	10	20	10	35	30	15	20	30	20	20	15	15	30	15	10	10
		45	110	25	20	15	20	15	40	35	35	20	25	65	20	25	15	40	15	20	20
Pb	A.A.	10	15	10	5	5	10	10	15	50	10	10	10	10	10	L	10	5	10	5	5
		10	15	10	10	5	15	15	15	30	15	10	10	10	15	5	5	15	15	5	5
Zn	A.A.	60	55	20	15	15	20	15	25	65	30	20	20	20	20	15	15	20	15	10	10
		75	110	30	20	20	20	20	25	55	30	20	15	45	20	15	20	30	20	15	15
Be	S.Q.S.	L	1	L	1	1	L	1	1	L	L	L	7	1	L	L	L	1	3	1	2
		L	L	L	L	L	1	L	1	L	L	L	10	L	L	1	L	3	L	1	1
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	30	30	10	10	10	10	5	10	10	10	10	10	10	20	10	20	20	20	5	5
		30	30	10	10	10	10	5	10	10	10	10	5	10	20	10	10	30	10	10	10
Ni	S.Q.S.	30	10	10	7	10	20	7	20	30	10	20	20	20	30	20	10	30	30	10	5
		50	20	30	20	10	20	20	30	30	20	20	10	30	30	30	10	50	20	50	20
Cr	S.Q.S.	70	50	50	50	70	70	30	100	70	70	70	70	70	100	100	50	100	70	200	70
		150	50	70	70	70	70	70	100	100	150	100	50	70	70	70	20	200	70	100	100
F	S.I.	L	L	L	L	130	100	70	140	110	L	50	130	90	L	L	60	70	60	250	L
		L	L	70	60	120	80	100	120	110	50	60	130	60	L	60	60	80	70	60	90

West — East

Phyllite

Traverse 312

View North

Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I 1/	J	K	L	M	N	O	P	Q	R	S	T	U
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	L	N	L	N	N	N	N	N	200	N	N	N	N	N	N	N	N	N
Cu	A.A.	25	20	20	20	15	15	40	20	5	5	5	10	10	10	10	10	35	20	15	20	20
		20	15	10	5	50	10	45	30	10	15	15	20	20	15	15	20	50	25	20	25	30
Pb	A.A.	10	5	10	10	5	10	10	10	10	5	L	10	5	10	5	5	15	15	20	10	10
		5	5	L	5	10	10	10	10	10	5	10	10	10	10	10	10	15	20	10	10	10
Zn	A.A.	15	10	20	10	10	20	20	15	10	10	10	10	10	10	10	10	20	20	20	20	25
		20	15	10	10	20	15	20	20	15	20	10	15	15	10	10	15	25	20	20	20	25
Be	S.Q.S.	1	5	L	L	L	L	L	L	L	3	L	L	L	1	L	L	L	L	L	L	L
		1	1	1	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	10	10	7	5	10	15	20	15	5	5	5	7	5	10	10	10	15	15	15	15	15
		7	15	10	10	10	10	20	15	10	10	7	10	10	15	10	10	15	15	15	15	20
Ni	S.Q.S.	15	15	5	5	10	20	30	10	5	5	5	7	5	10	5	15	20	20	15	20	20
		15	15	10	10	20	20	20	10	10	15	15	10	20	10	20	20	30	30	20	30	30
Cr	S.Q.S.	50	50	20	15	30	50	50	30	30	30	30	50	50	70	50	30	30	30	30	30	30
		30	30	50	30	30	30	50	30	30	50	50	70	100	100	70	50	30	30	30	30	30
F	S.I.	60	60	L	L	60	L	L	L	L	L	L	60	L	L	50	L	60	L	60	60	60
		60	60	70	80	70	L	L	L	60	70	50	60	70	60	80	80	60	70	50	70	60

West **Phyllite** East

1/ Sample I is from point 100 feet south of sample H; traverse extends east from sample I and west from sample H.

Traverse 314

View North

Element	Type of analysis	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cu	A.A.	15	5	5	10	5	10	5	10	10	10	15	20	15	15	10	10	5	10	10	10	5
		20	15	20	30	10	10	10	10	5	15	25	35	25	15	10	10	10	15	5	5	5
Pb	A.A.	10	5	5	5	5	10	10	5	5	10	10	5	10	10	10	15	10	10	15	10	5
		10	10	10	10	5	10	10	10	10	10	10	5	15	15	10	15	15	10	10	5	5
Zn	A.A.	10	15	10	10	10	20	10	10	20	15	20	35	20	15	10	10	10	10	10	10	10
		20	20	20	15	15	20	15	15	20	20	35	70	20	15	10	10	10	10	10	10	10
Be	S.Q.S.	N	N	N	N	5	1	N	L	L	L	N	N	N	L	N	3	N	N	L	L	L
		N	N	1	L	1	2	N	L	L	L	N	N	1	L	N	N	N	N	N	L	L
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	10	5	5	5	5	7	10	10	7	20	30	50	10	10	10	15	5	10	10	10	5
		5	5	10	10	7	5	5	5	7	10	20	50	50	10	10	10	10	10	10	5	5
Ni	S.Q.S.	20	10	5	5	5	10	10	15	10	5	15	10	10	10	15	10	5	15	15	10	5
		20	20	20	30	20	20	10	20	5	15	20	20	20	15	15	10	20	15	10	5	5
Cr	S.Q.S.	100	50	50	70	50	50	50	50	20	20	70	50	70	50	70	50	50	70	50	100	50
		70	70	100	100	70	70	50	70	15	20	100	50	70	70	50	30	70	70	70	70	20
F	S.I.	L	L	L	50	50	50	50	50	50	50	L	L	L	L	L	L	L	70	60	L	80
		L	L	50	50	50	50	50	50	50	L	L	L	100	L	70	L	60	80	L	L	L

West

Pyllite

Approx
conta

1/ Sample DD is 100 feet east of sample CC.

Trav

V	W	X	Y	Z	AA	BB	CC	DD[1]/	EE	FF	GG	HH	II	JJ	KK	LL	MM	NN	OO	PP	QQ	[illegible]	TT	UU	VV	WW
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N	L	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
10	5	5	10	5	15	20	25	5	10	10	10	10	5	10	5	5	10	10	25	20	10	10	10	10	10	5
5	20	10		5	15	15		10	5	5	5	5	5	5	10	15	10	10	25	20	25	20	15	10	10	5
10	5	10	15	5	10	10	10	5	5	10	10	10	10	10	15	10	15	15	10	10	10	10	10	10	10	10
10	15	10	10	5	10	5		5	10	10	10	5	10	5	10	15	15	5	10	10	15	10	10	10	10	10
10	5	10	20	5	15	20	25	5	10	15	10	10	10	15	10	10	15	15	20	20	25	20	25	15	10	10
10	15	10	15	5	15	10		10	10	5	10	10	15	10	15	15	15	10	20	20	35	10	10	10	10	15
2	5	L	2	50	L	10	5	5	7	7	20	20	7	10	5	10	2	2	3	2	5	10	3	1	1	7
L	5	1	3	2	N	L		10	7	30	15	10	7	5	7	1	1	7	2	1	1	2	1	1	1	7
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
N	N	N	N	N	N	N		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
7	5	5	5	5	10	15	10	5	5	5	10	10	20	10	10	15	15	15	15	15	15	15	15	15	15	20
5	10	5	5	5	10	15		5	5	5	5	10	15	7	10	15	20	15	15	15	20	15	15	10	15	15
5	5	5	5	5	15	15	5	5	5	5	10	5	5	15	5	5	5	5	15	15	5	10	15	5	5	5
5	10	10	10	5	15	15		10	5	5	5	10	7	5	15	10	15	5	15	20	20	20	5	10	5	5
30	50	50	70	30	70	70	30	10	70	70	70	70	50	70	30	30	30	50	50	50	30	70	100	50	30	30
50	70	70	70	30	70	70		10	70	70	30	70	70	50	70	70	30	30	50	50	70	100	70	20	50	15
L	L	L	L	L	60	100	100	L	L	100	130	120	L	L	L	L	60	L	L	90	70	70	60	70	[illegible]	180
L	L	L	L	L	60	70		L	70	90	100	70	L	L	70	70	60	L	90	100	100	90	100	110	275	170

ranodiorite

East

imate
ct

erse 315

North

Sample

Type of analysis	SS	RR	QQ	PP	OO	NN	MM[1]	LL	KK	JJ	II	HH	GG	FF	EE
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N
[illegible]	15 / 35	10 / 20	15 / 30	5 / 10	10 / 25	10 / 20	20 / 30	10 / 15	10 / 10	10 / 20	15 / 15	25 / 10	45 / 15	20 / 20	10 / 10
A.A.	15 / 15	5 / 5	15 / 10	5 / 10	10 / 10	10 / 10	10 / 10	5 / 10	5 / 10	5 / 10	10 / 10	10 / 15	10 / 10	10 / 10	10 / 10
[illegible]	[illegible]	10 / 1	10 / 10	5 / 10	10 / 10	15 / 10	15 / 10	10 / 10	10 / 10	5 / 10	10 / 5	20 / 15	10 / 10	15 / 10	15 / 10
[illegible]	L / L	L / L	L / L	L / L	N / L	L / L	N / N	L / L	N / N	N / N	N / L	N / N	N / N	N / N	N / N
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N
[illegible]	[illegible] / 7	5 / 5	7 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5	15 / 15	10 / 15	[illegible] / [illegible]	20 / 20	20 / 15	20 / 30
[illegible]	15 / 15	7 / 10	15 / 15	[illegible] / 10	10 / 20	15 / 15	10 / 10	20 / 15	15 / 20	15 / 20	20 / 20	20 / [illegible]	50 / 50	15 / 15	5 / 5
[illegible]	70 / 70	120 / 70	70 / 70	30 / 50	70 / 70	70 / 70	70 / 70	70 / 70	70 / 50	50 / 70	30 / 30	70 / 70	150 / 150	70 / 70	30 / 30
[illegible]	70 / L	50 / 70	L / L	L / 50	80 / 100	70 / 60	L / L	L / L	L / L	L / L	L / L	L / L	L / L	L / 60	L / L

Type of analysis	DD	CC	BB	AA	Z	Y	X	W	V	U	T	S	R	Q	P
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N
[illegible]	5 / 10	5 / 10	25 / 35	45 / 70	15 / 20	10 / 10	30 / 35	15 / 20	10 / 10	20 / 30	15 / 20	20 / 20	15 / 20	10 / 15	10 / 15
A.A.	10 / 10	10 / 5	10 / 5	5 / 5	10 / 5	10 / 10	10 / 5	10 / 10	10 / 10	10 / 15	10 / 5	15 / 20	10 / 15	15 / 20	10 / 10
[illegible]	10 / 10	10 / 5	15 / 15	20 / 110	20 / 70	15 / 15	60 / [illegible]	65 / 100	15 / 15	25 / 25	20 / 20	20 / 30	20 / 20	20 / 20	20 / 25
[illegible]	N / N	N / N	N / N	N / N	N / N	N / L	N / N	N / N	L / L	N / N	N / N	N / N	N / N	L / L	L / L
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / L
[illegible]	15 / 20	15 / 15	20 / 20	30 / [illegible]	15 / 30	10 / 10	70 / 70	30 / 50	15 / 15	15 / 15	15 / 15	20 / 20	20 / 15	10 / 7	10 / 10
[illegible]	5 / 5	5 / 5	20 / 10	30 / 50	10 / 20	5 / 5	20 / 20	50 / 50	10 / 10	30 / 30	20 / 20	30 / 30	20 / 20	15 / 10	10 / 10
[illegible]	30 / 50	30 / 50	50 / 15	150 / 200	20 / 70	50 / 30	100 / 100	150 / 200	50 / 50	70 / 100	70 / 70	70 / 70	70 / 70	70 / 70	70 / 70
[illegible]	L / L	L / L	70 / L	60 / L	50 / L	70 / 70	70 / 90	L / L	L / L	60 / L	L / 60	L / L	L / L	70 / L	100 / 100

Type of analysis	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N
[illegible]	15 / 35	10 / 15	20 / 25	10 / 20	10 / 15	10 / 15	15 / 20	15 / 30	[illegible] / 30	10 / 20	10 / 20	10 / 15	5 / 10	5 / 10	5 / 10
A.A.	10 / 15	5 / 10	10 / 15	10 / 15	10 / 10	10 / 10	10 / 10	5 / 15	10 / 10	10 / 10	10 / 10	10 / 10	5 / 10	10 / 10	10 / 10
[illegible]	15 / 20	15 / 15	20 / 20	15 / 20	15 / 15	15 / 15	15 / 20	15 / 20	15 / 15	10 / 15	10 / 15	10 / 15	10 / 10	10 / 10	10 / 10
[illegible]	L / L	N / L	L / L	N / L	L / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	L / L	N / N
[illegible]	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N	N / N
[illegible]	10 / 5	5 / 10	10 / 7	7 / 10	5 / 10	10 / 10	5 / 10	5 / 10	5 / 5	5 / 7	5 / 5	5 / 5	5 / 5	5 / 5	5 / 5
[illegible]	15 / 5	5 / 10	10 / 5	10 / 10	5 / 10	5 / 10	5 / 5	20 / 10	20 / 30	10 / [illegible]	10 / [illegible]	10 / [illegible]	5 / 10	5 / 15	5 / 15
[illegible]	70 / 70	30 / 70	70 / 70	70 / 100	70 / 70	70 / 70	100 / 70	100 / [illegible]	150 / [illegible]	150 / [illegible]	150 / [illegible]	70 / 70	70 / 70	50 / 70	70 / 70
[illegible]	60 / 60	L / 70	L / L	L / L	60 / 70	20 / 70	50 / 70	60 / 60	130 / 100	130 / 150	170 / 150	80 / 150	L / 90	50 / 60	60 / 90

West — Phyllite — East

1/ Sample MM is from point 150 feet south of sample NN; traverse extends east from sample MM and west from sample NN.

Traverse 316

View North

Element	Type of analysis	A	D	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cu	A.A.	15	5	5	10	15	10	25	20	15	15	10	10	5	10	5	10	10	10	5	10	5	5	10	10	15	5	10
		35	10	10	15	30	20	30	30	15	25	20	10	10	20	15	15	15	15	10	15	10	10	20	20	20	15	20
Pb	A.A.	10	5	5	5	10	10	15	15	15	15	15	20	20	15	10	15	15	10	15	10	20	15	15	20	20	20	15
		15	5	5	5	10	20	20	20	20	25	20	20	10	20	15	15	20	20	20	15	20	20	20	20	20	20	20
Zn	A.A.	25	10	10	15	10	15	25	20	15	15	15	15	15	15	15	20	10	10	10	10	10	10	15	20	20	15	10
		45	10	15	20	20	15	35	20	15	20	15	15	20	20	20	20	20	15	10	15	10	10	20	30	30	20	15
Be	S.Q.S.	L	N	L	L	L	L	L	1	1	2	50	10	10	50	50	3	2	1	2	2	2	3	5	7	5	50	5
		L	L	L	L	N	L	L	1	1	1	5	5	10	20	7	2	1	1	3	2	2	3	2	3	3	10	2
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	L	L	L	N	N	N	N	L	N	L	N	L	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	L	L	L	N	L	N	N	L	N	L	N	L	N	N	N
Co.	S.Q.S.	20	10	10	7	10	15	20	10	10	10	7	10	5	10	10	10	1	10	10	15	10	10	10	7	7	5	7
		20	10	10	10	10	10	20	10	10	20	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	5	7
Ni	S.Q.S.	10	5	10	10	10	20	20	20	30	20	10	10	5	20	10	15	20	15	10	20	10	10	10	10	20	5	10
		30	20	30	20	20	30	30	30	30	30	30	10	5	5	10	10	10	5	10	5	7	10	20	20	20	20	30
Cr	S.Q.S.	50	70	50	50	100	30	50	50	50	50	30	70	50	30	70	70	30	30	30	70	50	50	30	30	50	30	30
		70	70	70	70	200	50	30	50	50	70	70	100	70	70	70	70	50	50	50	70	70	70	50	70	30	70	30
F	S.I.	L	L	L	L	L	L	110	100	90	70	160	160	140	325	110	60	L	L	L	L	L	L	L	L	L	50	70
		80	60	70	60	L	100	140	100	70	70	300	200	250	300	110	80	60	50	L	L	60	L	L	L	L	110	110

West

Phyllite | Granodiorite

Approximate contact

Traverse 321

View North

Element	Type of analysis	WW	VV	UU	TT	RR	QQ	PP	OO	NN	MM	LL	KK	JJ	II	HH	GG	FF	EE	DD	CC	BB	AA	Z	Y	X
W	S.Q.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cu	A.A.	5	5	10	5	20	5	45	85	20	15	50	15	25	10	15	20	10	15	15	10	15	5	10	10	10
		10	10	15	5	50	10	80	85	25	15	75	25	30	15	25	25	15	25	15	25	40	5	15	10	15
Pb	A.A.	5	5	10	10	25	10	10	10	10	5	10	10	10	10	15	15	15	10	20	15	10	10	10	10	10
		10	10	10	10	50	10	15		15	5	10	20	15	10	15	15	10	10	20	20	10	15	10	10	10
Zn	A.A.	5	5	10	10	15	10	30	30	20	10	15	20	20	10	15	10	15	10	20	15	30	30	10	10	10
		10	10	10	80	20	10	50	60	45	10	20	15	20	10	20	10	15	55	20	25	7	4	15	10	10
Be	S.Q.S.	N	N	L	N	L	L	L	N	N	L	N	L	N	L	L	L	N	N	N	N	N	N	L	N	L
		N	N	L	L	N	L	L	L	L	1	N	L	N	L	L	L	N	N	N	L	N	N	L	L	N
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.Q.S.	5	5	5	5	5	5	20	20	20	10	20	10	20	10	20	10	20	30	20	20	20	10	5	7	7
		5	5	5	20	10	5	20	30	10	5	10	20	10	10	20	10	20	20	20	20	30	10	5	5	7
Ni	S.Q.S.	5	5	10	10	10	5	20	50	20	20	30	10	20	10	20	30	30	30	15	7	10	5	5	7	5
		20	10	20	30	20	10	30	100	20	20	50	20	30	20	30	30	30	50	20	20	50	5	7	7	10
Cr	S.Q.S.	30	70	70	70	70	30	70	200	70	50	100	50	100	70	70	70	70	100	100	70	70	50	10	30	20
		70	70	70	50	50	50	50	500	30	50	100	70	100	70	100	70	100	150	100	70	150	50	20	30	20
F	S.I.	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	60	60	50	L	L	50	50	50	L	L
		L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	60	60	L	L	L	L	110	60	L

West — Vein quartz float — Phyllite

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Element	Type of analysis	Sample A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
W	S.G.S.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Cu	A.A.	20	35	10	15	10	5	5	10	10	10	10	5	10	5	10	10	10	10	15	10	10	15
		25	80	15	20	15	10	10	15	25	15	35	10	15	10	15	10	25	15	10	10	10	15
Pb	A.A.	20	25	20	20	25	20	20	20	15	20	20	20	20	20	25	20	25	20	20	15	20	20
		25	25	25	25	20	20	20	20	20	15	40	25	20	20	25	20	25	20	20	15	20	20
Zn	A.A.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		15	10	10	5	10	10	10	15	25	10	15	10	15	15	10	10	25	10	10	10	10	10
Be	S.G.S.	L	L	L	L	L	L	L	L	1	L	L	L	L	1	2	1	L	N	1	1	1	1
		L	L	L	L	L	L	1	1	L	L	1	L	1	1	1	1	1	N	1	1	1	1
Mo	Color.	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Co	S.G.S.	7	7	7	5	5	7	5	5	5	7	10	5	5	5	5	5	10	10	5	5	5	5
		7	7	5	5	7	5	5	5	10	10	7	5	5	5	5	5	7	10	5	10	5	5
Ni	S.G.S.	5	5	5	7	7	7	5	5	5	20	20	5	5	5	7	5	7	7	7	5	5	7
		7	10	5	7	10	7	7	10	20	30	30	7	10	7	10	7	7	10	5	5	7	7
Cr	S.G.S.	20	20	20	30	30	30	20	10	15	70	70	20	20	30	30	20	20	70	70	30	50	70
		20	30	20	20	30	30	20	50	100	100	100	30	30	50	50	20	15	70	70	50	70	50
F	S.I.	80	70	100	120	110	90	110	100	110	120	60	60	70	70	70	80	60	70	90	70	80	120
		60	100	110	110	100	120	120	150	110	130	140	90	110	80	80	70	70	80	70	70	100	90

West — Phyllite — East

Vein quartz float

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