



**GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA**

Open File 2893

**WHOLE ROCK MAJOR AND TRACE ELEMENT
ANALYSES OF SELECTED MINERAL OCCURRENCES,
TALTSON MAGMATIC ZONE, CANADIAN SHIELD,
NORTHEASTERN ALBERTA (NTS 74M AND 74L)**

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SEPTEMBER 1994

Although every effort has been made to ensure accuracy, this Open File Report has not been edited for conformity with Geological Survey of Canada standards.

The following mineral data represent whole rock analyses of grab samples from previously unidentified mineralized zones on the Shield of northeastern Alberta collected during the course of geological mapping in 1992 and 1993. Samples collected in 1992 were not analyzed for As, B, Bi, La, P, Sb, and W. The host rock lithologies include Archean to Paleoproterozoic banded basement gneiss, Paleoproterozoic pelitic gneiss, metaplutonic gneiss, and mylonite gneiss. For a discussion of the geology of the Taltson magmatic zone, see McDonough et al. (1993, 1994). Available 1:50 000 scale geological maps for the Shield of northeastern Alberta, with mineral occurrence locations are:

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- McDonough, M.R., Grover, T.W., McNicoll, V.J., Lindsay, D.D., Kelly, K.L., and Guerstein, P.G. 1994. Geology, Andrew Lake, Alberta-Saskatchewan-NWT (NTS 74M/16). Geological Survey of Canada, Open File **2905**, scale 1:50 000.
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REFERENCES

- McDonough, M.R., Grover, T.W., McNicoll, V.J. and Lindsay, D.D. 1993. Preliminary report of the geology of the southern Taltson magmatic zone, northeastern Alberta (74M/14, 74M/15 and 74M/16). *In* Current Research, Geological Survey of Canada, Paper **93-1C**, p.221-232.
- McDonough, M.R., Plint, H.E., McNicoll, V.J., and Grover T.W. 1994. $^{40}\text{Ar}/^{39}\text{Ar}$ and K-Ar age constraints on shear zone evolution, southern Taltson Magmatic Zone, northeastern Alberta. Lithoprobe Alberta Basement Transect Meeting, Lithoprobe Report 37, p. 254-266.

STN NO.	SAMPLE	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	LOCATIONX, LOCATIONY NTS
E022	MSB93-E3	0.10	2.50	9.00	21.00	30.00	568.00	0.40	0.00	0.28	1.00	3.00	340.00	90.00	4.42	0.00	59.68782N, 110.25836W, 74M/9
E022	MSB93-E4	0.10	0.59	2.00	49.00	16.00	35.00	0.20	0.00	0.03	0.50	4.00	193.00	14.00	1.16	0.00	59.68782N, 110.25836W, 74M/9
E080	MSB93-E80	0.10	0.60	9.00	3.00	122.00	88.00	1.10	19.00	0.18	0.90	21.00	100.00	248.00	2.65	0.00	59.62379N, 110.54509W, 74M/10
E109	MSB93-E109	1.70	1.06	13.00	2.00	823.00	66.00	1.50	0.00	0.51	42.90	54.00	113.00	785.00	7.19	0.00	59.56503N, 110.50591W, 74M/10
M001	TLL-1B	0.00	6.68	NA	5.00	NA	480.00	0.70	NA	2.31	0.20	12.00	158.00	45.00	3.60	0.00	59.75143N, 111.10052W, 74M/14
M122	VMC- 1	0.00	6.12	NA	2.00	NA	1420.00	0.70	NA	1.14	0.10	4.00	119.00	17.00	2.88	0.00	59.91754N, 110.74685W, 74M/15
M143	MCH- 4	0.10	6.65	NA	0.00	NA	1030.00	2.00	NA	0.90	0.00	4.00	80.00	25.00	1.47	0.00	59.85272N, 110.55149W, 74M/15
M155	MCH-13	0.70	5.38	NA	0.00	NA	1460.00	0.60	NA	0.59	0.00	1.00	78.00	10.00	0.90	0.00	59.91798N, 110.54644W, 74M/15
M264	MAN-15	0.10	7.60	NA	2.00	NA	1470.00	3.00	NA	3.10	0.10	18.00	327.00	6.00	5.00	0.00	59.98885N, 110.29902W, 74M/16
M290	MAN-28	0.30	6.83	NA	4.00	NA	365.00	1.00	NA	0.53	0.20	1.00	258.00	10.00	1.93	0.00	59.85328N, 110.10277W, 74M/16
M305	MAN-33	0.10	7.49	NA	0.00	NA	1600.00	4.00	NA	2.33	0.10	8.00	53.00	6.00	5.21	0.00	59.82080N, 110.20915W, 74M/16
M305	MAN-33 R	0.00	7.75	NA	3.00	NA	1200.00	7.00	NA	2.50	0.10	8.00	58.00	6.00	5.12	0.00	59.82080N, 110.20915W, 74M/16
M308	MSR-01	0.00	6.00	NA	0.00	NA	490.00	0.90	NA	0.81	0.00	3.00	179.00	190.00	1.71	0.00	59.96185N, 111.74419W, 74M/13
M308	MSR-06	0.10	6.33	NA	2.00	NA	580.00	0.90	NA	0.90	0.10	3.00	124.00	7.00	1.65	0.00	59.96185N, 111.74419W, 74M/13
M308	MSR-08	0.10	6.17	NA	0.00	NA	635.00	0.70	NA	0.82	0.20	3.00	153.00	179.00	1.75	0.00	59.96185N, 111.74419W, 74M/13
M315	MSB93-03	0.10	3.12	10.00	7.00	14.00	930.00	0.80	0.00	0.19	1.00	13.00	221.00	70.00	4.48	0.00	59.74093N, 111.12859W, 74M/11
M318	MSB93-07	0.10	0.60	4.00	3.00	14.00	57.00	0.20	0.00	0.07	0.50	5.00	188.00	22.00	1.24	0.00	59.74203N, 111.11325W, 74M/11
M332	MSB93-10	0.10	0.88	9.00	0.00	25.00	104.00	0.30	0.00	0.60	0.50	19.00	159.00	61.00	4.81	0.00	59.76927N, 111.08220W, 74M/14
M350	MSB93-14	0.10	2.56	8.00	4.00	16.00	85.00	1.00	0.00	0.78	0.50	15.00	124.00	8.00	4.61	0.00	59.68936N, 111.23774W, 74M/11
M372	MSB93-19	0.10	2.61	4.00	9.00	9.00	92.00	1.70	0.00	0.05	1.00	4.00	237.00	13.00	4.61	0.00	59.87887N, 110.35868W, 74M/16
M391	MSB93-21	0.10	0.65	6.00	2.00	11.00	15.00	0.20	0.00	0.04	0.50	6.00	167.00	5.00	1.37	0.00	59.92665N, 110.32678W, 74M/16
M393	MSB93-23	0.10	0.45	3.00	3.00	6.00	40.00	0.40	3.00	0.02	1.00	5.00	199.00	7.00	0.86	0.00	59.96156N, 110.28407W, 74M/16
M400	MSB93-25	0.10	1.87	6.00	2.00	220.00	112.00	0.40	0.00	0.04	1.00	18.00	108.00	199.00	4.85	0.00	59.90188N, 110.27201W, 74M/16
M400	MSB93-25 R	0.10	1.62	85.00	2.00	17.00	44.00	0.90	0.00	0.07	0.50	7.00	151.00	49.00	3.83	0.00	59.90188N, 110.27201W, 74M/16
M432	MSB93-39	0.10	1.22	6.00	3.00	28.00	101.00	0.20	0.00	0.07	1.00	3.00	236.00	34.00	3.56	0.00	59.77311N, 110.37538W, 74M/16
M443	MSB93-41	0.10	5.16	12.00	2.00	70.00	554.00	0.70	8.00	1.05	1.00	16.00	122.00	122.00	7.14	0.00	59.70158N, 110.34532W, 74M/9
M457	MSB93-43	0.10	2.01	10.00	5.00	22.00	483.00	0.90	3.00	0.85	1.00	4.00	158.00	18.00	3.52	0.00	59.68002N, 110.38390W, 74M/9
M461	MSB93-45	0.10	1.65	11.00	11.00	118.00	50.00	0.50	0.00	1.24	0.50	15.00	132.00	294.00	2.98	0.00	59.69547N, 110.38543W, 74M/9
M461	MSB93-45 R	0.20	1.66	10.00	8.00	122.00	54.00	0.40	0.00	1.27	0.50	16.00	133.00	301.00	3.00	0.00	59.69547N, 110.38543W, 74M/9
M462	MSB93-46	0.10	2.67	11.00	18.00	692.00	97.00	1.40	8.00	0.21	0.50	42.00	164.00	263.00	7.88	3.00	59.69571N, 110.38775W, 74M/9
M462	MSB93-46 R	0.20	2.66	12.00	12.00	697.00	90.00	1.30	9.00	0.21	0.50	45.00	164.00	262.00	7.87	0.00	59.69571N, 110.38775W, 74M/9
M499	MSB93-57	0.10	0.45	7.00	0.00	9.00	68.00	0.50	4.00	0.16	0.50	14.00	96.00	5.00	8.81	0.00	59.73696N, 110.55291W, 74M/10
M511	MSB93-59	0.20	2.11	11.00	2.00	146.00	385.00	0.60	0.00	0.25	0.50	22.00	254.00	23.00	4.07	0.00	59.68944N, 110.46825W, 74M/9
M547	MSB93-73	0.30	2.94	23.00	6.00	53.00	127.00	1.10	0.00	0.01	0.50	7.00	157.00	120.00	4.83	0.00	59.98496N, 110.22115W, 74M/16
M576	MSB93-86	0.10	2.05	4.00	0.00	15.00	72.00	0.60	0.00	0.06	1.00	3.00	244.00	65.00	5.62	0.00	59.75640N, 110.11250W, 74M/16
M605	MSB93-92	0.10	1.75	4.00	67.00	23.00	40.00	1.30	0.00	0.03	1.00	4.00	199.00	24.00	2.32	0.00	59.55772N, 110.40544W, 74M/9
M612	MSB93-93	0.20	5.32	7.00	4.00	248.00	318.00	1.20	6.00	1.35	1.00	3.00	189.00	118.00	5.08	0.00	59.27085N, 110.31588W, 74M/8
M661	MSB93-111	0.10	2.72	3.00	0.00	137.00	172.00	5.00	0.00	0.04	0.50	4.00	236.00	99.00	5.03	0.00	59.77413N, 110.19475W, 74M/16
M681	MSB93-121	0.10	0.42	6.00	4.00	12.00	30.00	0.50	0.00	0.06	0.50	5.00	241.00	12.00	0.91	0.00	59.31322N, 110.56153W, 74M/7

STN NO.	SAMPLE	Ag ppm	Al %	As ppm	Au ppb	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	LOCATIONX	LOCATIONY	NTS
M748	MSB93-140	0.40	1.14	7.00	2.00	145.00	81.00	0.80	0.00	0.07	0.50	12.00	165.00	58.00	4.56	0.00	59.48077N,	110.43263W,	74M/8
M772	MSB93-144	0.10	2.28	12.00	3.00	199.00	140.00	1.00	0.00	0.01	0.50	11.00	156.00	249.00	5.44	0.00	59.40417N,	110.56583W,	74M/7
M773	MSB93-145	0.20	2.58	7.00	3.00	51.00	354.00	0.90	0.00	3.02	0.50	4.00	98.00	54.00	2.39	0.00	59.40297N,	110.58369W,	74M/7
M774	MSB93-146	0.10	1.30	5.00	0.00	32.00	71.00	1.70	0.00	0.02	0.60	7.00	88.00	33.00	2.80	0.00	59.40320N,	110.58502W,	74M/7
MC12	MSBMC11	0.10	1.45	14.00	3.00	10.00	267.00	0.90	0.00	0.43	0.50	12.00	166.00	7.00	2.62	0.00	59.43310N,	111.46408W,	74M/6
T074	TMC-29	0.00	7.01	NA	8.00	0.00	555.00	2.00	NA	5.75	0.10	37.00	131.00	51.00	14.00	0.00	59.91435N,	110.67604W,	74M/15
T187	TAN-71	0.00	7.20	NA	3.00	0.00	485.00	1.00	NA	0.14	0.00	19.00	262.00	87.00	8.00	0.00	59.94428N,	110.21790W,	74M/16
T215	TAN-87	0.00	6.16	NA	4.00	0.00	1140.00	1.00	NA	0.68	0.10	2.00	90.00	13.00	2.01	0.00	59.83053N,	110.29900W,	74M/16
T284	MSB93-T6C	0.10	1.69	6.00	7.00	15.00	145.00	1.40	0.00	0.05	0.80	7.00	214.00	24.00	2.65	0.00	59.76321N,	110.39885W,	74M/16
T297	MSB93-T3	0.10	0.31	5.00	0.00	8.00	44.00	0.20	0.00	0.12	0.50	7.00	210.00	8.00	0.89	0.00	59.70301N,	110.36716W,	74M/9
T394	MSB93-98	0.20	2.62	5.00	9.00	65.00	178.00	1.50	0.00	0.04	1.00	2.00	148.00	57.00	4.02	0.00	59.00304N,	110.90694W,	74L/15
T397	MSB93-T50	0.10	1.45	4.00	2.00	130.00	90.00	0.10	0.00	0.04	1.60	12.00	137.00	68.00	4.32	0.00	58.97277N,	110.83756W,	74L/15
V023	VCH- 8	0.00	7.30	NA	2.00	0.00	2060.00	1.00	NA	1.10	0.10	3.00	152.00	7.00	1.54	0.00	59.90309N,	110.60508W,	74M/15
V033	VCH-15	0.00	6.97	NA	2.00	0.00	985.00	2.00	NA	1.18	0.00	2.00	136.00	14.00	2.29	0.00	59.96363N,	110.58242W,	74M/15
V202	MSB93-V1	0.40	2.29	5.00	8.00	402.00	132.00	0.70	0.00	0.04	0.50	22.00	214.00	166.00	6.73	0.00	59.66632N,	110.10363W,	74M/9
V222	MSB93-V6	0.20	0.12	5.00	2.00	9.00	7.00	0.10	0.00	0.01	0.50	4.00	342.00	10.00	0.64	0.00	59.54421N,	110.25751W,	74M/9

R*, replicate analysis

NA, not analyzed

All analyses done by ICP, except Au by AA, at Barringer Laboratories, Calgary

SAMPLE	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	V	W	Zn	LOCATIONX	LOCATIONY	NTS
	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm			
MSB93-E3	17.00	1.07	516.00	7.00	0.14	50.00	154.00	12.00	2.00	8.00	0.18	63.00	6.00	85.00	59.68782,	110.25836W,	74M/9
MSB93-E4	50.00	0.12	255.00	4.00	0.04	20.00	97.00	8.00	0.00	2.00	0.01	10.00	0.00	15.00	59.68782,	110.25836W,	74M/9
MSB93-E80	35.00	0.50	193.00	4.00	0.04	29.00	106.00	21.00	0.00	10.00	0.01	16.00	2.00	23.00	59.62379,	110.54509W,	74M/10
MSB93-E109	41.00	0.51	537.00	5.00	0.11	15.00	514.00	63.00	5.00	15.00	0.12	26.00	0.00	8959.00	59.56503,	110.50591W,	74M/10
TLL-1B	NA	1.06	0.06	0.00	2.12	25.00	NA	18.00	NA	175.00	0.18	105.00	NA	58.00	59.75143,	111.10052W,	74M/14
VMC- 1	NA	0.47	0.04	0.00	1.83	9.00	NA	29.00	NA	300.00	0.19	49.00	NA	68.00	59.91754,	110.74685W,	74M/15
MCH- 4	NA	0.27	0.03	2.00	2.44	8.00	NA	27.00	NA	160.00	0.10	19.00	NA	34.00	59.85272,	110.55149W,	74M/15
MCH-13	NA	0.15	0.01	0.00	1.82	8.00	NA	9.00	NA	125.00	0.04	31.00	NA	10.00	59.91798,	110.54644W,	74M/15
MAN-15	NA	2.71	0.08	5.00	1.95	97.00	NA	12.00	NA	410.00	0.22	145.00	NA	80.00	59.98885,	110.29902W,	74M/16
MAN-28	NA	0.19	0.01	5.00	1.73	86.00	NA	28.00	NA	95.00	0.07	17.00	NA	27.00	59.85328,	110.10277W,	74M/16
MAN-33	NA	1.32	0.09	6.00	2.20	10.00	NA	41.00	NA	860.00	0.53	105.00	NA	108.00	59.82080,	110.20915W,	74M/16
MAN-33 R ⁺	NA	1.33	0.09	4.00	2.24	7.00	NA	38.00	NA	890.00	0.50	110.00	NA	103.00	59.82080,	110.20915W,	74M/16
MSR-01	NA	0.37	0.02	15.00	2.15	11.00	NA	44.00	NA	90.00	0.08	36.00	NA	48.00	59.96185,	111.74419W,	74M/13
MSR-06	NA	0.42	0.03	0.00	2.11	6.00	NA	30.00	NA	125.00	0.09	24.00	NA	30.00	59.96185,	111.74419W,	74M/13
MSR-08	NA	0.43	0.03	5.00	2.03	8.00	NA	49.00	NA	120.00	0.09	37.00	NA	29.00	59.96185,	111.74419W,	74M/13
MSB93-03	23.00	1.90	351.00	1.00	0.13	74.00	221.00	5.00	6.00	19.00	0.21	215.00	4.00	82.00	59.74093,	111.12859W,	74M/11
MSB93-07	26.00	0.32	296.00	3.00	0.07	9.00	65.00	8.00	0.00	7.00	0.06	16.00	0.00	26.00	59.74203,	111.11325W,	74M/11
MSB93-10	8.00	0.64	282.00	1.00	0.16	35.00	972.00	7.00	3.00	14.00	0.16	251.00	2.00	59.00	59.76927,	111.08220W,	74M/14
MSB93-14	14.00	3.21	1012.00	0.00	0.08	43.00	1826.00	5.00	8.00	27.00	0.23	163.00	7.00	88.00	59.68936,	111.23774W,	74M/11
MSB93-19	30.00	1.48	324.00	0.00	0.04	77.00	182.00	2.00	2.00	5.00	0.03	70.00	0.00	69.00	59.87887,	110.35868W,	74M/16
MSB93-21	9.00	0.59	207.00	1.00	0.08	9.00	237.00	4.00	0.00	2.00	0.01	17.00	0.00	11.00	59.92665,	110.32678W,	74M/16
MSB93-23	12.00	0.29	131.00	1.00	0.04	6.00	43.00	3.00	0.00	5.00	0.01	9.00	0.00	14.00	59.96156,	110.28407W,	74M/16
MSB93-25	33.00	0.64	255.00	4.00	0.04	43.00	152.00	17.00	2.00	9.00	0.11	68.00	0.00	22.00	59.90188,	110.27201W,	74M/16
MSB93-25	24.00	0.71	826.00	3.00	0.07	9.00	144.00	7.00	2.00	6.00	0.11	83.00	0.00	36.00	59.90188,	110.27201W,	74M/16
MSB93-39	51.00	0.44	227.00	2.00	0.03	10.00	316.00	7.00	0.00	4.00	0.24	66.00	0.00	34.00	59.77311,	110.37538W,	74M/16
MSB93-41	8.00	2.81	620.00	0.00	0.23	66.00	645.00	14.00	4.00	14.00	0.38	206.00	15.00	149.00	59.70158,	110.34532W,	74M/9
MSB93-43	56.00	2.00	737.00	2.00	0.15	51.00	1036.00	10.00	7.00	31.00	0.25	64.00	7.00	64.00	59.68002,	110.38390W,	74M/9
MSB93-45	5.00	0.94	434.00	1.00	0.24	66.00	353.00	10.00	3.00	136.00	0.19	63.00	7.00	29.00	59.69547,	110.38543W,	74M/9
MSB93-45 R ⁺	5.00	0.93	358.00	1.00	0.24	67.00	392.00	11.00	5.00	137.00	0.18	62.00	3.00	26.00	59.69547,	110.38543W,	74M/9
MSB93-46	25.00	1.40	441.00	5.00	0.06	59.00	537.00	29.00	5.00	11.00	0.16	91.00	10.00	85.00	59.69571,	110.38775W,	74M/9
MSB93-46 R ⁺	25.00	1.39	386.00	5.00	0.07	58.00	529.00	27.00	5.00	1.00	0.16	91.00	10.00	86.00	59.69571,	110.38775W,	74M/9
MSB93-57	4.00	0.16	310.00	4.00	0.07	18.00	57.00	13.00	2.00	9.00	0.14	84.00	0.00	32.00	59.73696,	110.55291W,	74M/10
MSB93-59	50.00	2.14	379.00	0.00	0.08	118.00	1373.00	5.00	5.00	10.00	0.11	114.00	2.00	38.00	59.68944,	110.46825W,	74M/9
MSB93-73	28.00	0.91	158.00	2.00	0.05	17.00	100.00	6.00	3.00	5.00	0.19	110.00	0.00	50.00	59.98496,	110.22115W,	74M/16
MSB93-86	15.00	0.70	578.00	4.00	0.06	28.00	113.00	18.00	6.00	5.00	0.11	72.00	2.00	83.00	59.75640,	110.11250W,	74M/16
MSB93-92	26.00	0.80	213.00	1.00	0.04	43.00	62.00	5.00	0.00	6.00	0.12	80.00	0.00	44.00	59.55772,	110.40544W,	74M/9
MSB93-93	19.00	2.37	854.00	0.00	0.68	22.00	586.00	11.00	5.00	97.00	0.31	153.00	6.00	138.00	59.27085,	110.31588W,	74M/8
MSB93-111	31.00	1.09	331.00	4.00	0.07	41.00	98.00	10.00	3.00	9.00	0.22	97.00	2.00	88.00	59.77413,	110.19475W,	74M/16
MSB93-121	26.00	0.25	220.00	2.00	0.03	5.00	88.00	20.00	0.00	7.00	0.01	9.00	0.00	33.00	59.31322,	110.56153W,	74M/7

SAMPLE	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sr	Ti	V	W	Zn	LOCATIONX	LOCATIONY	NTS
	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm			
MSB93-140	53.00	0.54	207.00	17.00	0.03	37.00	222.00	45.00	4.00	12.00	0.01	49.00	2.00	53.00	59.48077,	110.43263W,	74M/8
MSB93-144	17.00	1.15	207.00	8.00	0.04	63.00	167.00	17.00	8.00	9.00	0.03	122.00	7.00	23.00	59.40417,	110.56583W,	74M/7
MSB93-145	22.00	0.49	337.00	0.00	0.22	30.00	1917.00	19.00	0.00	98.00	0.25	43.00	0.00	44.00	59.40297,	110.58369W,	74M/7
MSB93-146	114.00	0.19	262.00	3.00	0.03	7.00	177.00	7.00	3.00	9.00	0.05	9.00	2.00	15.00	59.40320,	110.58502W,	74M/7
MSB-MC11	44.00	0.97	647.00	1.00	0.16	37.00	655.00	14.00	4.00	38.00	0.15	33.00	4.00	78.00	59.43310,	111.46408W,	74M/6
TMC-29	NA	2.64	0.19	5.00	2.03	38.00	NA	11.00	NA	275.00	1.20	365.00	NA	186.00	59.91435,	110.67604W,	74M/15
TAN-71	NA	1.58	0.07	4.00	0.48	57.00	NA	13.00	NA	20.00	0.45	180.00	NA	149.00	59.94428,	110.21790W,	74M/16
TAN-87	NA	0.33	0.02	2.00	1.78	6.00	NA	23.00	NA	245.00	0.11	30.00	NA	43.00	59.83053,	110.29900W,	74M/16
MSB93-T6C	24.00	0.90	234.00	2.00	0.06	47.00	86.00	5.00	0.00	9.00	0.24	81.00	2.00	36.00	59.76321,	110.39885W,	74M/16
MSB93-T3	7.00	0.25	207.00	1.00	0.04	11.00	169.00	2.00	0.00	10.00	0.05	15.00	0.00	11.00	59.70301,	110.36716W,	74M/9
MSB93-98	29.00	1.03	234.00	2.00	0.07	28.00	104.00	10.00	3.00	17.00	0.28	101.00	2.00	92.00	59.00304,	110.90694W,	74L/15
MSB93-T50	28.00	0.50	220.00	5.00	0.03	33.00	112.00	12.00	3.00	4.00	0.15	121.00	0.00	27.00	58.97277,	110.83756W,	74L/15
VCH- 8	NA	0.38	0.05	2.00	3.15	5.00	NA	14.00	NA	640.00	0.08	30.00	NA	40.00	59.90309,	110.60508W,	74M/15
VCH-15	NA	0.30	0.02	3.00	2.04	3.00	NA	23.00	NA	225.00	0.12	48.00	NA	34.00	59.96363,	110.58242W,	74M/15
MSB93-V1	4.00	1.41	530.00	3.00	0.09	61.00	53.00	38.00	7.00	8.00	0.20	151.00	3.00	62.00	59.66632,	110.10363W,	74M/9
MSB93-V6	1.00	0.09	172.00	1.00	0.01	7.00	9.00	2.00	0.00	1.00	0.01	6.00	0.00	4.00	59.54421,	110.25751W,	74M/9

R*, replicate analysis

NA, not analyzed

All analyses done by ICP, except Au by AA, at Barringer Laboratories, Calgary