

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

**Analytical results and sample locality map
of winter moose pellet samples
from the Tanacross quadrangle, Alaska**

By

G. W. Day, G. C. Curtin, R. B. Tripp,
and J. S. Lewis

Open-File Report 85-268

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska.--continued

Sample	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S
TX300MP	200	70	10	700	N	20	150	15	N	N
TX302MP	150	70	10	300	N	50	100	10	N	N
TX304MP	100	100	10	300	N	70	150	5	N	N
TX305MP	100	150	20	700	N	20	200	20	N	N
TX306MP	100	20	N	300	N	10	70	5	N	N
TX308MP	100	30	N	500	N	15	70	10	N	N
TX309MP	100	70	N	300	N	2	150	7	N	N
TX310MP	100	100	20	700	N	50	300	10	N	N
TX314MP	150	70	20	700	N	20	150	10	N	N
TX316MP	100	70	N	300	N	50	100	7	N	N
TX318MP	150	70	10	500	N	30	150	15	N	N
TX320MP	150	70	20	700	N	50	300	10	N	N
TX321MP	150	70	20	500	N	20	200	5	N	N
TX323MP	100	70	20	700	N	20	300	10	N	N
TX325MP	100	70	200	700	100	20	300	10	10	N
TX326MP	150	100	30	700	N	10	200	10	N	N
TX328MP	150	70	20	500	N	15	150	10	N	N
TX329MP	100	70	100	300	N	2	200	10	N	N
TX330MP	100	300	50	1,000	70	30	300	15	N	N
TX332MP	100	100	30	500	N	20	200	20	N	N
TX333MP	150	70	30	700	N	30	300	7	N	N
TX334MP	100	70	30	700	N	30	200	7	N	N
TX337MP	150	70	10	1,000	N	20	300	7	N	N
TX340MP	100	50	N	300	N	10	70	10	N	N
TX342MP	150	70	N	500	N	20	150	15	N	N
TX343MP	100	70	10	700	N	10	150	20	N	N
TX347MP	200	70	N	500	N	15	150	10	N	N
TX349MP	150	150	10	700	N	30	200	10	N	N
TX350MP	100	150	30	1,000	N	100	200	15	N	N
TX355MP	150	70	N	500	N	100	100	10	N	N
TX356MP	150	70	10	500	N	30	100	10	N	N
TX356MP	150	70	N	300	N	10	70	10	N	N
TX357MP	150	50	N	300	N	100	70	15	N	N
TX358MP	150	150	20	700	N	200	200	10	N	N
TX360MP	150	70	N	300	N	50	100	10	N	N
TX362MP	150	70	30	300	N	150	100	15	N	N
TX363MP	200	70	N	300	N	50	100	7	N	N
TX365MP	200	70	N	700	N	30	150	10	N	N
TX366MP	200	100	20	700	N	20	150	10	N	N
TX367MP	150	70	20	700	N	50	150	15	N	N
TX371MP	150	70	N	300	N	30	150	7	N	N
TX377MP	150	50	N	300	N	70	50	7	N	N
TX385MP	150	70	50	1,000	N	70	150	15	N	N
TX386MP	200	50	50	1,000	N	50	200	20	N	N
TX389MP	150	100	30	1,000	N	50	300	7	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska.--continued

Sample	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Na-pct. S	Ga-ppm S	Li-ppm S
TX300MP	1,50C	70	N	N	20,000	10	.5	2	N
TX302MP	2,00C	100	N	N	10,000	50	.5	5	N
TX304MP	5,00C	70	N	N	3,000	20	.2	2	N
TX305MP	2,00C	100	N	N	7,000	20	.3	N	N
TX306MP	2,00C	50	N	N	7,000	20	.5	2	N
TX308MP	2,00C	50	N	N	10,000	50	.5	5	N
TX309MP	1,50C	70	N	N	7,000	30	.5	3	N
TX310MP	2,00C	100	N	N	10,000	20	.3	<2	N
TX314MP	2,00C	100	N	N	20,000	50	.5	7	N
TX316MP	1,50C	70	N	N	15,000	10	.3	2	N
TX318MP	2,00C	70	N	N	15,000	20	.5	2	200
TX320MP	2,00C	70	N	N	15,000	20	.5	<2	N
TX321MP	5,00C	70	N	N	10,000	30	.3	5	N
TX323MP	5,00C	100	N	20	10,000	20	.3	5	N
TX325MP	2,00C	150	N	50	10,000	300	.5	15	N
TX326MP	2,00C	100	N	N	10,000	20	.5	2	N
TX328MP	3,00C	70	N	N	15,000	50	.5	2	N
TX329MP	1,50C	200	N	20	7,000	50	.5	15	N
TX330MP	5,00C	150	N	70	10,000	100	.3	10	N
TX332MP	5,00C	100	N	N	10,000	50	.3	5	N
TX333MP	2,00C	70	N	N	10,000	50	.3	2	N
TX334MP	5,00C	100	N	20	10,000	70	.5	5	N
TX337MP	5,00C	100	N	N	15,000	20	.5	2	N
TX340MP	1,00C	50	N	N	10,000	N	.5	N	200
TX342MP	2,00C	100	N	N	20,000	N	.5	<2	N
TX343MP	2,00C	70	N	N	15,000	N	.3	<2	N
TX347MP	2,00C	70	N	N	15,000	N	.3	<2	N
TX349MP	5,00C	100	N	N	15,000	N	.3	<2	N
TX350MP	5,00C	150	N	15	15,000	20	.3	5	N
TX355MP	1,50C	70	N	N	15,000	N	.3	<2	N
TX356MP	2,00C	100	N	10	15,000	20	.3	5	N
DTX356MP	1,50C	70	N	N	15,000	N	.3	<2	N
TX357MP	1,50C	50	N	N	15,000	N	.3	<2	N
TX358MP	3,00C	100	N	N	20,000	10	.3	<2	N
TX360MP	1,50C	50	N	N	10,000	N	.5	<2	N
TX362MP	1,50C	70	N	N	15,000	N	.7	<2	N
TX363MP	1,50C	70	N	N	15,000	N	.5	<2	N
TX365MP	2,00C	70	N	N	>20,000	10	.5	<2	N
TX366MP	3,00C	100	N	N	>20,000	10	.5	<2	N
TX367MP	2,00C	70	N	N	>20,000	10	.5	<2	N
TX371MP	1,00C	50	N	N	10,000	N	.5	<2	N
TX377MP	1,00C	50	N	N	15,000	N	.5	<2	N
TX385MP	2,00C	100	N	20	10,000	100	.3	7	N
TX386MP	2,00C	70	N	N	15,000	100	.3	5	N
TX389MP	2,00C	100	N	15	15,000	50	.3	5	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska. --continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ti-pct. %	Mn-pptm %	Ag-pptm %	B-pptm %	Ba-pptm %	Be-pptm %	Bi-pptm %
TX395MP	63 41 0	142 22 50	5.0	10.0	.50	>10,000	.7	500	7,000	1	N
TX397MP	63 0 25	143 19 40	5.0	7.0	.50	>10,000	.5	300	5,000	N	N
TX398MP	63 36 5	141 22 50	3.0	10.0	.20	>10,000	.7	500	3,000	N	N
TX399MP	63 29 35	141 29 15	5.0	10.0	.20	>10,000	1.0	500	7,000	2	N
TX402MP	63 41 40	141 49 5	.5	5.0	.02	>10,000	2.0	500	2,000	N	200
TX405MP	63 37 30	142 10 55	5.0	10.0	.20	>10,000	1.0	500	5,000	2	S
TX407MP	63 17 35	143 35 15	5.0	5.0	.50	10,000	.3	300	2,000	1	N
TX411MP	63 27 20	143 56 40	>5.0	10.0	.30	>10,000	.3	500	3,000	1	N
TX412MP	63 26 15	143 52 55	>5.0	5.0	.50	10,000	.3	300	1,500	2	N
TX415MP	63 16 45	143 23 30	3.0	10.0	.20	>10,000	.3	300	2,000	N	N
TX417MP	63 19 55	143 37 5	>5.0	5.0	.30	>10,000	.1	700	2,000	N	N
TX419MP	63 22 15	143 46 50	5.0	7.0	.50	>10,000	.1	300	7,000	1	N
TX420MP	63 22 0	143 32 40	2.0	10.0	.20	>10,000	.7	500	3,000	N	N
TX421MP	63 19 0	143 25 0	>5.0	3.0	.70	7,000	.2	300	2,000	2	N
TX423MP	63 26 55	143 31 0	2.0	10.0	.20	10,000	.2	700	2,000	N	N
TX428MP	63 31 0	143 14 10	2.0	10.0	.20	>10,000	.2	700	1,500	N	N
TX435MP	63 24 15	143 25 40	2.0	10.0	.10	>10,000	.2	700	1,500	N	N
TX437MP	63 28 15	143 8 40	5.0	10.0	.50	10,000	.3	500	5,000	N	N
TX438MP	63 28 18	143 0 50	>5.0	5.0	.70	10,000	.5	300	7,000	5	N
DTX438MP	63 28 18	143 0 50	5.0	10.0	.30	>10,000	.5	500	5,000	N	N
TX439MP	63 30 35	143 2 50	2.0	10.0	.20	>10,000	.2	700	2,000	N	N
TX444MP	63 38 10	142 24 30	1.0	.5	.05	5,000	1.0	150	700	N	N
TX445MP	63 38 55	142 22 25	2.0	>10.0	.07	>10,000	.2	1,000	5,000	N	N
TX447MP	63 37 0	142 21 25	2.0	10.0	.10	>10,000	.1	1,000	10,000	1	N
TX448MP	63 35 40	142 16 30	>5.0	7.0	.50	>10,000	.7	1,000	7,000	3	N
TX450MP	63 34 10	142 16 20	5.0	10.0	.20	>10,000	.7	1,000	10,000	5	N
TX451MP	63 33 55	142 26 20	3.0	7.0	.20	>10,000	.2	1,000	5,000	N	N
TX454MP	63 31 40	142 10 50	3.0	10.0	.20	>10,000	.7	>1,000	5,000	N	N
TX463MP	63 30 45	142 33 50	3.0	10.0	.20	>10,000	.5	700	5,000	N	N
TX464MP	63 28 2	143 42 40	2.0	10.0	.10	>10,000	.3	700	7,000	N	N
TX468MP	63 25 35	142 46 0	3.0	10.0	.20	>10,000	.7	700	10,000	N	N
TX470MP	63 24 25	142 50 30	1.0	10.0	.07	>10,000	.7	1,000	3,000	N	N
TX472MP	63 23 35	142 50 40	1.0	10.0	.07	>10,000	.7	700	7,000	N	N
TX474MP	63 26 10	142 54 5	>5.0	7.0	.20	>10,000	.2	500	1,500	N	N
TX476MP	63 25 5	142 25 35	5.0	10.0	.50	>10,000	.2	500	5,000	1	N
TX478MP	63 26 45	142 24 15	2.0	10.0	.20	>10,000	1.0	500	2,000	N	N
TX480MP	63 14 10	143 24 10	>5.0	3.0	.50	10,000	.2	300	2,000	N	N
TX481MP	63 2 5	143 26 25	2.0	10.0	.30	10,000	.2	500	2,000	N	N
TX483MP	63 6 29	143 22 23	2.0	10.0	.20	>10,000	.7	700	1,500	N	N
TX484MP	63 10 40	143 13 50	1.0	10.0	.10	>10,000	.3	700	1,500	1	N
TX486MP	63 4 30	143 28 50	5.0	10.0	.30	>10,000	.5	500	5,000	5	N
TX487MP	63 4 40	143 9 15	>5.0	5.0	.50	10,000	.5	300	7,000	N	N
TX490MP	63 6 5	143 11 35	5.0	10.0	.30	>10,000	.7	500	7,000	N	N
TX491MP	63 27 5	142 22 0	2.0	10.0	.20	>10,000	.1	700	2,000	1	N
TX492MP	63 10 50	143 0 25	5.0	5.0	.20	>10,000	.3	500	3,000	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska--continued

Sample	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S
TX395MP	200	70	100	1,000	50	30	200	10	N	N
TX397MP	200	50	100	1,000	N	20	200	100	N	N
TX398MP	100	150	30	700	N	30	300	15	N	N
TX399MP	200	150	20	1,000	N	100	300	20	N	N
TX402MP	150	70	20	300	N	30	150	300	N	N
TX405MP	150	100	50	700	N	100	200	30	N	N
TX407MP	50	70	70	1,000	100	30	300	20	N	N
TX411MP	70	20	200	500	100	30	200	20	20	N
TX412MP	20	20	100	200	100	30	100	10	20	N
TX415MP	70	20	30	1,000	N	10	300	15	N	15
TX417MP	50	70	50	300	N	20	100	5	N	N
TX419MP	150	50	70	700	N	100	200	30	10	N
TX420MP	150	70	20	700	N	50	200	20	N	N
TX421MP	50	50	70	700	300	10	200	20	20	N
TX423MP	150	70	70	1,000	N	30	300	7	N	N
TX428MP	200	100	20	1,000	N	20	300	10	N	N
TX435MP	100	50	20	1,000	N	100	300	15	N	N
TX437MP	150	50	70	1,000	N	20	200	10	N	N
TX438MP	70	50	100	700	300	20	200	30	30	N
DTX438MP	150	70	100	1,000	N	100	200	15	N	N
TX439MP	100	70	20	500	N	70	150	10	N	N
TX444MP	70	50	20	150	N	10	100	7	N	N
TX445MP	150	200	10	500	N	50	300	7	N	N
TX447MP	100	150	70	1,000	N	100	500	10	N	N
TX448MP	150	100	300	1,000	200	30	500	10	10	5
TX450MP	150	100	30	1,000	N	100	300	10	N	N
TX451MP	100	100	30	700	N	30	200	10	N	N
TX454MP	200	70	50	1,000	N	30	150	50	N	N
TX463MP	70	70	70	1,000	N	30	200	10	N	N
TX464MP	50	70	30	700	N	150	150	20	N	N
TX468MP	100	70	30	1,000	N	50	200	15	N	N
TX470MP	100	70	10	700	N	30	150	15	N	N
TX472MP	100	70	10	700	N	70	150	15	N	N
TX474MP	70	70	50	500	N	20	150	5	N	N
TX476MP	150	70	100	1,000	N	100	300	30	20	N
TX478MP	150	70	20	500	N	50	300	30	N	N
TX480MP	20	100	100	700	150	10	300	20	20	N
TX481MP	150	70	70	1,000	N	20	200	7	N	N
TX483MP	200	100	30	1,000	N	20	300	15	N	N
TX484MP	70	70	20	1,000	N	100	300	15	N	N
TX486MP	100	50	70	1,000	N	20	200	15	N	N
TX487MP	70	70	200	700	100	20	200	30	20	N
TX490MP	150	70	70	1,000	N	100	200	20	N	N
TX491MP	100	70	20	500	N	70	200	20	N	N
TX492MP	100	150	50	1,000	N	50	300	15	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska.--continued

Sample	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Na-pct. S	Ga-ppm S	Li-ppm S
TX395MP	3,00C	200	N	20	15,000	200	.3	10	N
TX397MP	2,00C	150	N	15	15,000	70	.3	10	N
TX398MP	2,00C	150	N	N	7,000	50	.3	3	N
TX399MP	5,00C	150	N	20	10,000	50	.3	3	N
TX402MP	2,00C	70	N	N	20,000	10	.3	N	N
TX405MP	5,00C	150	N	20	5,000	70	.3	5	N
TX407MP	5,00C	150	N	20	7,000	300	.3	15	N
TX411MP	2,00C	200	N	30	10,000	300	.3	15	N
TX412MP	2,00C	200	N	30	3,000	100	.3	15	N
TX415MP	2,00C	100	N	10	10,000	70	.3	10	N
TX417MP	2,00C	200	N	20	3,000	100	.3	10	N
TX419MP	3,00C	200	N	20	10,000	200	.3	10	N
TX420MP	2,00C	100	N	N	10,000	100	.5	7	N
TX421MP	2,00C	150	N	70	5,000	300	.3	20	N
TX423MP	3,00C	50	N	N	15,000	50	.5	5	N
TX428MP	2,00C	70	N	N	20,000	70	.5	7	N
TX435MP	2,00C	70	N	N	20,000	50	.5	3	N
TX437MP	2,00C	100	N	20	20,000	200	.5	10	N
TX438MP	1,500	300	N	50	5,000	300	.3	30	N
DTX438MP	2,00C	100	N	20	10,000	100	.5	10	N
TX439MP	1,50C	100	N	N	15,000	50	.5	5	N
TX444MP	2,00C	70	N	N	2,000	50	.2	N	N
TX445MP	3,00C	100	N	N	10,000	50	.3	<2	N
TX447MP	5,00C	100	N	20	10,000	50	.5	5	N
TX448MP	5,00C	200	N	100	10,000	300	.5	15	N
TX450MP	5,00C	150	N	20	10,000	100	.7	10	N
TX451MP	3,00C	100	N	N	10,000	50	.5	10	N
TX454MP	5,00C	100	N	N	20,000	50	.5	10	N
TX463MP	3,00C	150	N	N	20,000	50	.5	7	N
TX464MP	3,00C	100	N	N	10,000	50	.5	5	N
TX468MP	5,00C	100	N	N	10,000	50	.5	7	N
TX470MP	2,00C	70	N	N	20,000	20	.5	5	N
TX472MP	2,00C	70	N	N	10,000	20	.5	5	N
TX474MP	2,00C	200	N	20	3,000	70	.3	10	N
TX476MP	5,00C	200	N	50	10,000	200	.5	15	N
TX478MP	2,00C	100	N	N	15,000	50	.5	7	N
TX480MP	2,00C	150	N	100	5,000	300	.3	20	N
TX481MP	3,00C	70	N	N	15,000	100	.5	5	N
TX483MP	2,00C	100	N	N	20,000	100	.5	7	N
TX484MP	2,00C	70	N	N	10,000	100	.3	5	N
TX486MP	2,00C	150	N	20	10,000	300	.5	10	N
TX487MP	1,50C	300	N	70	3,000	300	.3	30	N
TX490MP	5,00C	150	N	20	10,000	150	.5	10	N
TX491MP	1,50C	150	N	<5	20,000	30	.5	5	N
TX492MP	2,00C	150	N	20	20,000	70	.5	7	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska. -- continued

Sample	Latitude	Longitude	Fe-ppt. S	Mg ₂ -pct. S	Ti-pct. S	Mn-ppt. S	Ag-ppt. S	B-ppt. S	Ba-ppt. S	Be-ppt. S	Bi-ppt. S
TX496MP	63 29 5	142 14 0	2.0	10.0	.07	>10,000	.3	700	5,000	1	N
TX499MP	63 25 55	142 6 25	2.0	10.0	.20	>10,000	1.0	700	10,000	5	N
TX501MP	63 26 30	142 5 30	>5.0	10.0	.50	>10,000	.7	700	7,000	3	N
TX502MP	63 27 32	142 6 30	5.0	10.0	.20	>10,000	1.0	1,000	10,000	N	N
TX506MP	63 21 5	142 24 0	3.0	10.0	.30	>10,000	.2	1,000	5,000	N	N
TX508MP	63 20 40	142 19 25	2.0	10.0	.20	>10,000	.7	1,000	7,000	N	N
TX509MP	63 16 15	142 17 40	5.0	10.0	.30	>10,000	.7	1,000	3,000	N	N
TX510MP	63 18 58	142 17 35	2.0	10.0	.10	>10,000	.5	500	7,000	N	N
TX514MP	63 16 23	142 13 5	5.0	10.0	.20	>10,000	.7	700	10,000	N	N
TX515MP	63 21 50	142 11 25	2.0	10.0	.10	>10,000	.7	1,000	2,000	N	N
TX517MP	63 21 30	142 12 15	2.0	10.0	.10	>10,000	.7	700	7,000	N	N
TX519MP	63 18 0	142 3 40	1.0	7.0	.07	>10,000	.5	500	5,000	N	N
TX520MP	63 21 35	142 2 0	1.0	10.0	.20	>10,000	.3	1,000	7,000	N	N
TX522MP	63 23 15	142 0 45	2.0	10.0	.20	>10,000	.5	700	7,000	N	N
TX524MP	63 21 5	141 58 45	3.0	10.0	.30	>10,000	.3	1,000	7,000	N	N
TX525MP	63 14 30	142 0 20	3.0	10.0	.30	>10,000	1.0	500	15,000	N	N
TX526MP	63 15 25	141 59 0	2.0	10.0	.20	>10,000	1.0	700	7,000	N	N
TX528MP	63 24 15	141 58 0	3.0	10.0	.50	>10,000	.3	1,000	5,000	N	N
TX532MP	63 26 0	141 50 15	1.0	7.0	.07	>10,000	.1	500	1,500	N	N
TX538MP	63 8 11	142 3 34	3.0	7.0	.30	>10,000	.2	500	2,000	N	N
TX539MP	63 26 25	141 10 25	2.0	10.0	.20	>10,000	1.0	500	7,000	1	N
TX541MP	63 26 38	141 11 8	1.0	7.0	.02	>10,000	.2	500	1,500	N	N
TX542MP	63 25 15	141 3 0	1.0	7.0	.05	>10,000	.5	500	3,000	N	N
TX546MP	63 24 30	141 9 50	2.0	10.0	.07	>10,000	1.5	1,000	7,000	N	N
TX548MP	63 21 30	141 12 5	5.0	10.0	.20	>10,000	.3	700	10,000	N	N
TX549MP	63 20 45	141 0 40	1.0	10.0	.05	>10,000	.1	1,000	3,000	N	N
TX557MP	63 25 45	141 19 50	.5	7.0	.05	>10,000	.3	500	5,000	N	N
TX558MP	63 22 40	141 16 50	2.0	10.0	.20	>10,000	.7	1,000	7,000	N	N
TX558MP	63 22 40	141 16 50	3.0	10.0	.05	>10,000	.2	700	2,000	N	N
TX559MP	63 28 5	141 26 25	2.0	10.0	.07	>10,000	.5	1,000	7,000	2	N
TX560MP	63 23 55	141 18 50	3.0	10.0	.30	>10,000	.3	700	7,000	1	N
TX561MP	63 26 30	141 27 15	1.0	10.0	.05	>10,000	2.0	1,000	5,000	N	N
TX564MP	63 24 20	141 27 30	2.0	10.0	.20	>10,000	.2	700	7,000	N	N
TX565MP	63 30 11	141 39 18	1.0	10.0	.07	>10,000	.1	1,000	2,000	N	N
TX568MP	63 24 0	141 33 40	.5	10.0	.07	>10,000	.2	700	1,500	N	N
TX570MP	63 24 0	141 40 40	.5	10.0	.10	>10,000	.5	700	5,000	N	N
TX572MP	63 25 5	141 44 20	5.0	10.0	.50	>10,000	.5	700	5,000	2	N
TX573MP	63 21 11	141 38 25	2.0	10.0	.20	>10,000	.7	500	5,000	N	N
TX574MP	63 22 5	141 35 56	2.0	10.0	.10	>10,000	.5	700	5,000	2	N
DTX574MP	63 22 5	141 35 56	2.0	10.0	.07	>10,000	.3	700	5,000	3	N
TX577MP	63 16 21	141 29 31	1.0	10.0	.10	>10,000	.5	500	3,000	N	N
TX582MP	63 16 21	141 32 40	2.0	10.0	.10	>10,000	1.0	500	7,000	N	N
TX585MP	63 13 57	141 43 28	2.0	10.0	.10	>10,000	.7	700	5,000	N	N
TX586MP	63 15 52	141 43 42	3.0	10.0	.10	>10,000	.7	1,000	7,000	N	N
TX588MP	63 17 0	141 50 20	1.0	10.0	.10	>10,000	2.0	500	7,000	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska--continued

Sample	Cd-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S
TX496MP	150	150	20	500	N	50	300	7	N	N
TX499MP	150	150	70	1,000	N	150	500	15	N	N
TX501MP	150	100	300	1,000	100	50	300	15	15	N
TX502MP	150	100	50	1,500	N	100	300	20	N	N
TX506MP	100	100	50	1,000	N	30	300	10	N	N
TX508MP	150	70	30	1,000	N	30	150	50	N	N
TX509MP	100	100	100	1,000	N	30	300	15	N	N
TX510MP	100	70	30	700	N	150	150	20	N	N
TX514MP	100	50	50	1,000	N	50	200	20	N	N
TX515MP	150	50	10	700	N	30	150	15	N	N
TX517MP	100	50	10	700	N	100	200	15	N	N
TX519MP	150	70	N	500	N	100	150	10	N	N
TX520MP	150	70	30	700	N	100	150	5	N	N
TX522MP	100	50	70	700	N	70	150	10	N	N
TX524MP	150	70	50	1,000	N	50	150	20	N	N
TX525MP	150	100	50	1,000	N	100	200	30	N	N
TX526MP	150	70	30	1,000	N	70	150	20	N	N
TX528MP	100	100	200	1,000	N	50	200	15	N	N
TX532MP	150	20	5	300	N	15	70	5	N	N
TX538MP	100	15	50	700	N	50	70	30	N	N
TX539MP	200	50	30	1,000	N	30	150	15	N	N
TX541MP	200	50	10	300	N	50	100	7	N	N
TX542MP	200	20	N	500	N	70	150	15	N	N
TX546MP	300	70	30	1,000	N	100	200	30	N	N
TX548MP	150	70	50	1,000	N	100	200	15	N	N
TX549MP	150	100	30	500	N	150	300	5	N	N
TX557MP	150	50	N	500	N	70	150	15	N	N
TX558MP	200	70	20	1,000	N	30	150	20	N	N
TX558MP	100	100	10	200	N	70	150	1	N	N
TX559MP	150	70	20	1,000	N	70	150	10	N	N
TX560MP	150	70	20	1,000	50	50	150	15	N	N
TX561MP	200	50	10	700	N	30	150	15	N	N
TX564MP	150	70	30	700	N	30	150	15	N	N
TX565MP	150	70	10	300	N	50	70	7	N	N
TX568MP	150	100	10	500	N	50	300	5	N	N
TX570MP	70	70	10	500	N	300	150	10	N	N
TX572MP	100	100	150	1,000	N	50	300	10	N	N
TX573MP	100	100	30	1,000	N	30	200	15	N	N
TX574MP	100	70	20	700	N	50	150	7	N	N
DTX574MP	100	70	20	1,000	N	50	150	50	N	N
TX577MP	150	50	10	1,000	N	30	150	15	N	N
TX582MP	150	50	50	1,000	N	200	150	150	N	N
TX585MP	150	70	20	1,000	N	20	200	10	N	N
TX586MP	150	150	70	1,000	N	100	150	10	N	N
TX588MP	100	70	20	1,000	N	100	300	10	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska.--continued

Sample	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Na-pct. S	Ga-ppm S	Li-ppm S
TX496MP	3,000	150	N	N	10,000	50	.3	<2	N
TX499MP	5,000	150	N	20	10,000	70	.3	5	N
TX501MP	3,000	200	N	100	10,000	300	.5	15	N
TX502MP	5,000	150	N	20	20,000	50	.5	7	N
TX506MP	5,000	150	N	10	10,000	50	.3	7	N
TX508MP	5,000	100	N	N	20,000	50	.3	5	N
TX509MP	5,000	150	N	N	20,000	70	.3	7	N
TX510MP	5,000	100	N	N	20,000	20	.3	3	N
TX514MP	5,000	150	N	N	10,000	50	.3	7	N
TX515MP	2,000	100	N	N	20,000	50	.3	5	N
TX517MP	2,000	100	N	N	15,000	50	.3	5	N
TX519MP	2,000	70	N	N	10,000	20	.5	2	N
TX520MP	5,000	100	N	10	10,000	50	.5	5	N
TX522MP	5,000	150	N	10	10,000	200	.5	7	N
TX524MP	5,000	150	N	10	20,000	100	.3	7	N
TX525MP	5,000	200	N	10	10,000	100	.5	7	N
TX526MP	5,000	150	N	10	10,000	70	.5	5	N
TX528MP	5,000	200	N	20	5,000	200	.5	10	N
TX532MP	1,500	70	N	N	10,000	10	.5	2	<200
TX538MP	2,000	150	N	N	5,000	20	.3	7	200
TX539MP	3,000	150	N	10	10,000	20	.3	3	N
TX541MP	1,500	50	N	N	15,000	N	.5	N	N
TX542MP	70	70	N	N	10,000	N	.5	2	N
TX546MP	5,000	100	N	N	20,000	10	.5	2	N
TX548MP	5,000	150	N	10	10,000	50	.5	5	N
TX549MP	2,000	100	N	N	5,000	N	.3	N	N
TX557MP	1,500	70	N	N	15,000	N	.5	N	N
TX558MP	5,000	100	N	N	20,000	20	.5	3	N
TX558MP	3,000	100	N	N	3,000	10	.2	N	N
TX559MP	5,000	70	N	N	10,000	10	.5	2	N
TX560MP	5,000	100	N	30	10,000	50	.5	5	N
TX561MP	2,000	70	N	N	20,000	20	.5	<2	N
TX564MP	5,000	100	N	N	10,000	100	.5	3	N
TX565MP	1,500	70	N	N	15,000	20	.5	<2	200
TX568MP	5,000	70	N	N	15,000	N	.5	2	N
TX570MP	5,000	70	N	N	7,000	20	.5	7	N
TX572MP	3,000	200	N	20	10,000	150	.5	20	N
TX573MP	5,000	150	N	N	10,000	50	.5	7	N
TX574MP	3,000	70	N	20	10,000	20	.5	5	N
DTX574MP	3,000	70	N	20	10,000	20	.5	3	N
TX577MP	2,000	70	N	N	15,000	10	.5	3	N
TX582MP	3,000	100	N	10	10,000	20	.5	7	N
TX585MP	3,000	100	N	N	15,000	20	.5	7	N
TX586MP	5,000	150	N	10	10,000	70	.5	2	N
TX588MP	3,000	70	N	N	10,000	20	.5	2	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska.--continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ti-pct. %	Mn-pptm %	Ag-pptm %	B-pptm %	Ba-pptm %	Be-pptm %	Bi-pptm %
TX595MP	63 17 13	141 16 58	.5	10.0	.07	>10,000	.5	700	2,000	N	N
TX597MP	63 15 35	141 15 0	>5.0	10.0	.70	>10,000	.5	300	7,000	1	N
TX599MP	63 14 28	141 4 5	.7	10.0	.10	>10,000	.5	500	2,000	N	N
TX601MP	63 12 38	141 9 24	.7	10.0	.07	>10,000	.5	500	10,000	N	N
TX606MP	63 6 59	141 7 38	1.0	10.0	.10	>10,000	.5	700	5,000	N	2
TX607MP	63 7 45	141 9 18	1.0	10.0	.07	>10,000	.5	500	10,000	N	50
TX614MP	63 11 53	141 37 28	2.0	>10.0	.30	>10,000	.5	700	5,000	N	N
TX616MP	63 11 47	141 34 59	5.0	>10.0	.50	>10,000	.7	700	7,000	1	N
TX619MP	63 11 10	141 30 0	1.0	10.0	.10	>10,000	.5	500	3,000	N	N
TX621MP	63 10 51	141 28 45	2.0	10.0	.20	>10,000	.7	700	7,000	N	N
TX622MP	63 8 39	141 33 29	.5	10.0	.10	>10,000	.5	500	3,000	N	N
TX623MP	63 8 32	141 36 46	3.0	10.0	.20	>10,000	1.0	700	7,000	2	N
TX625MP	63 6 37	141 33 20	3.0	10.0	.10	>10,000	1.0	500	3,000	1	N
TX626MP	63 7 23	141 25 15	>5.0	10.0	.30	>10,000	.2	500	3,000	N	N
TX628MP	63 4 45	141 25 3	2.0	10.0	.10	>10,000	.7	500	5,000	N	N
TX629MP	63 4 56	141 33 10	2.0	10.0	.10	>10,000	.7	500	5,000	N	N
TX630MP	63 1 20	141 28 30	2.0	10.0	.10	>10,000	.5	500	5,000	N	N
TX631MP	63 3 28	141 22 11	1.0	10.0	.07	>10,000	.2	500	2,000	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska. -- continued

Sample	Cd-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s
TX595MP	150	70	10	700	N	30	150	10	N	N
TX597MP	100	50	70	500	100	50	150	15	15	N
TX599MP	100	50	10	700	N	15	100	10	N	N
TX601MP	100	50	10	500	N	30	100	20	N	N
TX606MP	150	50	15	700	N	15	100	15	N	20
TX607MP	100	20	20	700	N	100	150	100	N	N
TX614MP	150	70	50	700	N	30	150	10	N	N
TX616MP	100	100	70	1,000	N	50	200	10	N	N
TX619MP	150	70	30	500	N	30	150	7	N	N
TX621MP	150	70	70	1,000	N	30	200	7	N	N
TX622MP	150	70	10	500	N	30	200	7	N	N
TX623MP	200	70	50	1,000	N	20	300	15	N	N
TX625MP	150	70	20	700	N	100	150	10	N	N
TX626MP	70	150	70	500	N	70	150	5	N	N
TX628MP	150	50	20	700	N	30	150	15	N	10
TX629MP	150	70	20	1,000	N	70	150	15	N	N
TX630MP	150	70	10	1,000	N	30	150	15	N	5
TX631MP	70	70	5	500	N	50	100	10	N	N

Table 2 -- Spectrographic Analyses of Samples of Winter Moose Pellets Collected in the Tanacross Quadrangle, Alaska--continued

Sample	Sr-ppm S	V-ppm S	W-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	Na-pct. S	Ga-ppm S	Li-ppm S
TX595MP	3.00C	70	N	N	10.000	10	.5	2	N
TX597MP	5.00C	200	N	50	5.000	300	.5	20	N
TX599MP	2.00C	70	N	N	15.000	10	.5	3	N
TX601MP	2.00C	70	N	N	15.000	10	.5	2	N
TX606MP	2.00C	100	N	N	15.000	20	.5	7	N
TX607MP	2.000	70	N	N	10.000	20	.5	2	N
TX614MP	3.00C	150	N	N	20.000	150	.5	7	N
TX616MP	5.00C	150	N	20	20.000	150	.5	10	N
TX619MP	2.00C	70	N	N	20.000	N	.5	3	N
TX621MP	3.00C	150	N	20	15.000	50	.5	5	N
TX622MP	1.50C	50	N	N	15.000	20	.5	2	N
TX623MP	3.00C	150	N	20	15.000	100	.5	7	N
TX625MP	3.00C	100	N	N	10.000	30	.5	2	N
TX626MP	2.00C	300	N	20	5.000	50	.3	10	N
TX628MP	2.00C	70	N	N	10.000	20	.5	5	N
TX629MP	2.00C	100	N	N	10.000	30	.5	5	N
TX630MP	2.00C	100	N	N	10.000	20	.5	3	N
TX631MP	1.50C	70	N	N	10.000	20	.5	2	200

Table 3. Spectrographic analyses of elements found in three or less winter moose pellet samples

Elements not analyzed: Ca

Elements looked for but not found: Au, As, Ge, In, Tl

The following elements were not detected except in the samples listed:

Nb.....	TX 330 MP (100 ppm)
	TX 480 MP (50 ppm)
	TX 501 MP (70 ppm)
Sb.....	TX 262 MP (50 ppm)
	TX 411 MP (50 ppm)
