STEWART REGIONAL SOIL SURVEY 2003

YMIP # 03-082

NTS # 115 0 / 3

STEWART MOUNTAIN AREA

Work Performed June – July, 2003

Author of Report SHAWN RYAN

Date of Report January 22, 2004

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Summary

The Stewart regional soil survey covered about 112 kilometer of soil traverse plus two small grids for a total of around 700 soils sample. The regional soil survey began on June 10 and continued for the next two weeks. Follow up work on small grids was done for a few more days in late July. The outcome of the large regional soil survey revealed anomalous copper and zinc values associated with amphibolites along a large magnetic high contact area. This pattern has a lot of similarities to the Lucky Joe type target.

Location

The Stewart Area is located 95 kilometers south of Dawson City. The regional soil survey is centered around Stewart Mountain.

Access

The Stewart Area can be access by helicopter from Dawson City.

Regional Geology

The Regional Soil Program covered six different rock units according to the new GSC geology map called the Southern Stewart River Area, Open File # 4338 by Jim Ryan and Steve Gordey.

Jurassic? Or Cretaceous

Unit 16

Granite: pink to grey, locally porphyritic, syenogranite to monzogranite plutons and dykes.

Mid? To Late Paleozoic

Orthogneissic Rocks

Unit 9

Comprise of Grey Gneiss: intermediate to mafic orthogneiss; generally grey; banded to layered; commonly veined; derived from intermediate granitoid (tonalite to diorite) sheets; usually interlayered with amphibolite schist and gneiss.

Unit 6 / 9

Comprise of undivided amphibolite and grey gneiss units.

Unit 10

Comprise of Felsic Gneiss: pink to orange felsic orthogneiss; banded to layered; veined and/or segregated; derived from felsic granitoid sheets

Metavolcanic? Volcaniclastic? Rocks

Unit 6

Comprise of an Amphibolite schist and gneiss; metabasite; possibly derived from mafic to intermediate volcanic or Volcaniclastic rocks.

Metasedimentary Rocks

Unit 3 /4

Comprise of a Quartz-Mica schist and Mica-Quartz schist.

Methods

The regional soil survey was undertaken with support from Kennecott Exploration. The program was designed to test the Stewart Mt Area for Lucky Joe type targets. A ridge and spur soil survey was undertaken supported by helicopter from the Kennecott Quartz Creek exploration camp.
We travel by helicopter every day and soil survey various ridge that cross targeted magnetic anomalies. In total there was about 700 soils taken from 110 kilometers of ridge walking.
Soil where taken at 200 meters intervals using one-meter soil augers.
Soil sample where taken at an average depth of 50-70 centimeters. All sample where placed in Hubco clothe cotton soil bags. Field note where fill out using Kennecott Note Cards which include color, depth, horizon, quality and slope grade. Exact position location where define using Garmin GPS. All GPS location where downloaded nightly onto field computers. Nad 83 was used as our datum. Soil location where marked in the field with an orange flag and an aluminum tags both markers where marked with soil identification numbers.

Assay Methods

All soil where sent to Chemex Lab in Vancouver and process using Aqua-Regia ICP followed with Fire Assay for gold on 15 grams.

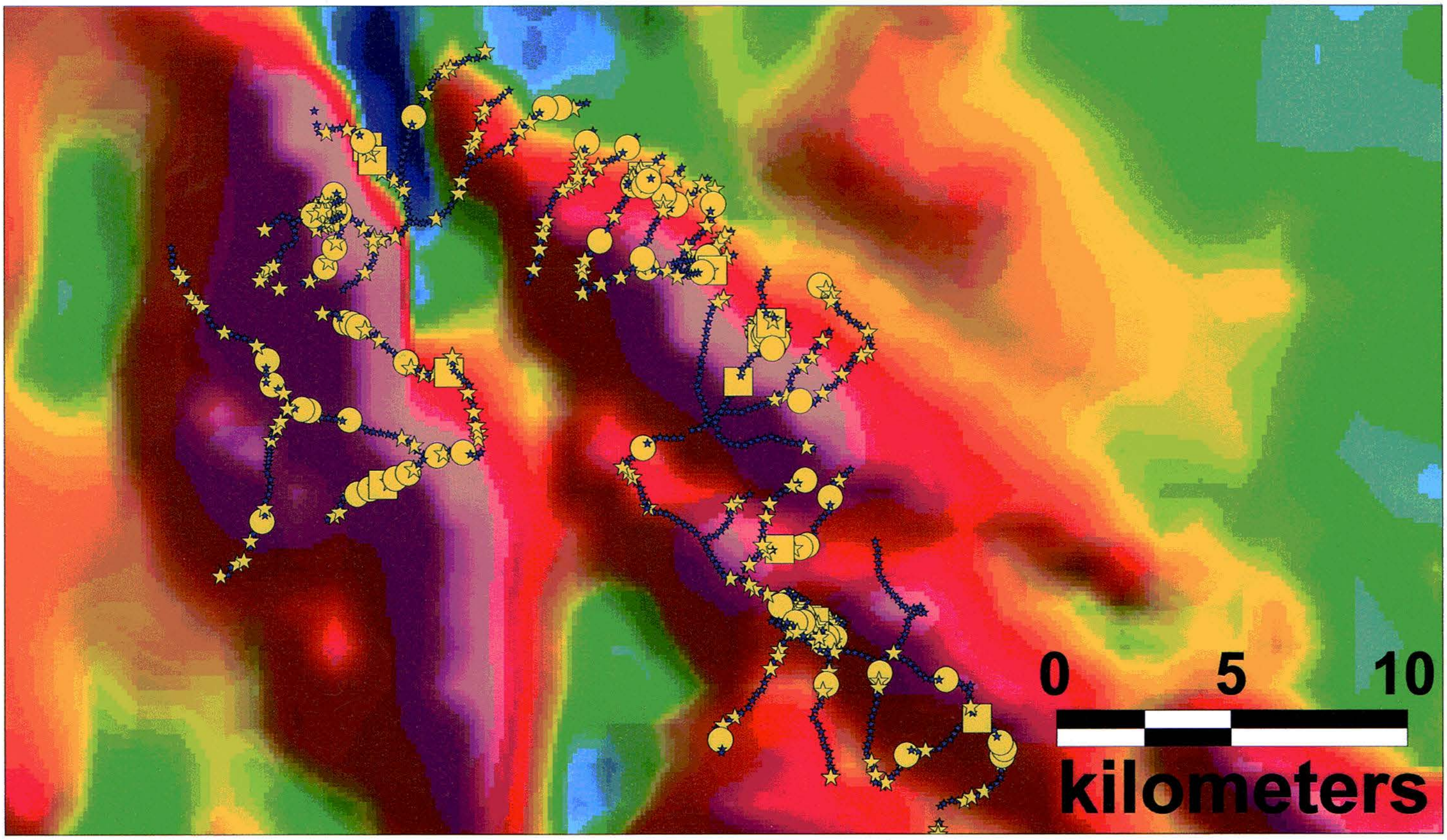
Interpretation

The Regional soil survey demonstrated that there is a coincident copper anomaly showing up at the magnetic high / low contact. There is also a coincidental zinc anomaly found next to the copper anomaly within the magnetic high anomaly. The soil pattern also appears with the Amphibolite Unit #6. This pattern is consistent across four parallel ridges and demonstrates that a Lucky Joe type target potentially exists along this specific magnetic anomaly.
There is also one spot high gold anomaly 198 ppb found associated with high lead value 1000 + ppm that should be followed up on, this could be related to a quartz vein systems that have being known to contain gold in the area such as the Black Fox showing found in the Thistle Creek drainage area, Mine file # 115O / 014.

Recommendation

I would recommended following up the copper and zinc anomalies with more detail soil. Then one could decide if trenching is worth trying. The gold and lead anomaly should be followed up with more soil and a small hand pit to see what creating the soil anomaly.

Stewart Regional Soil Survey



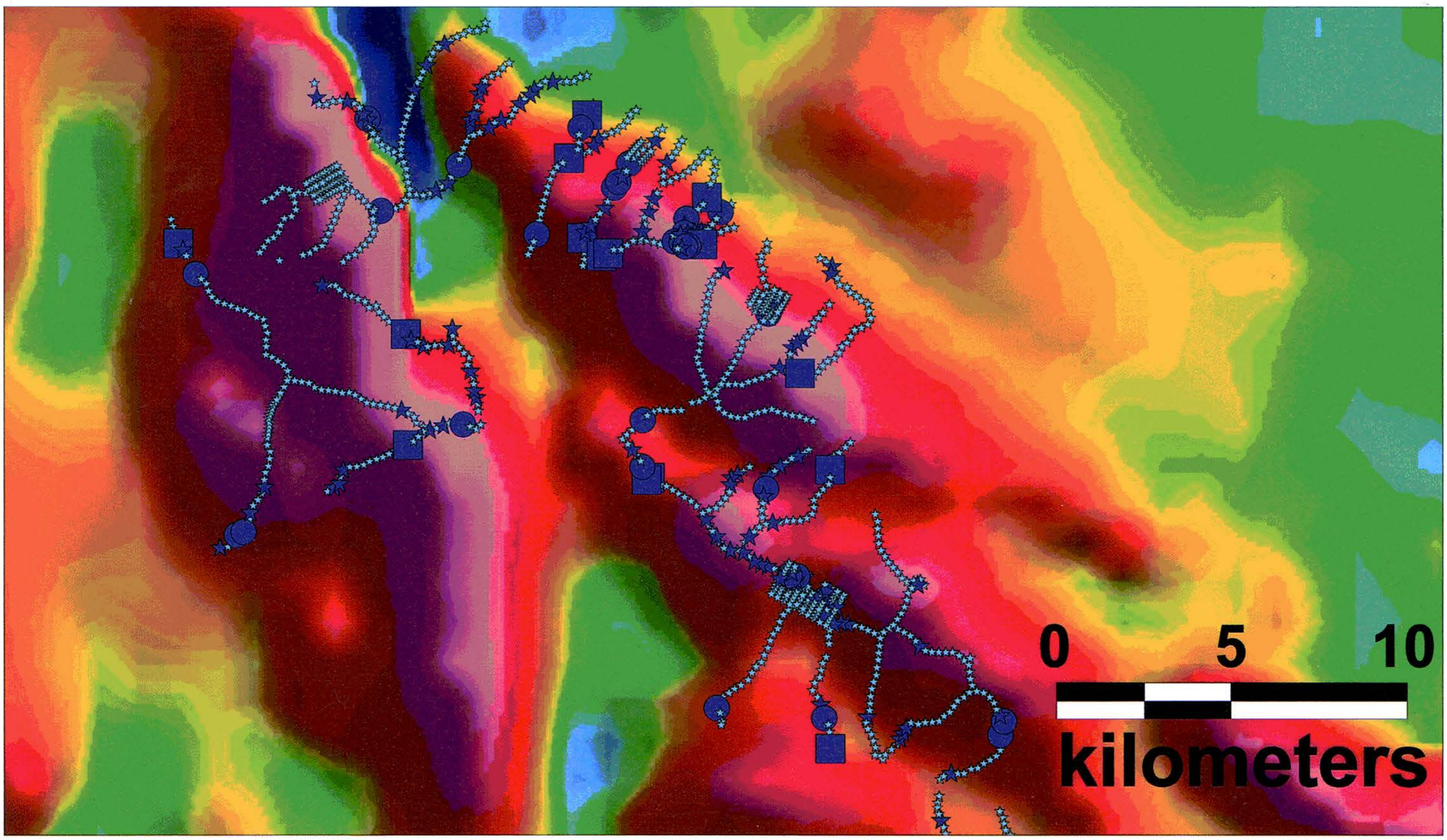
Copper Anomaly Map

Stewart Regional Soil Survey
Copper ppm

200 to 893	(26)
100 to 200	(103)
50 to 100	(321)
0 to 50	(880)

Figure #1

Stewart Regional Soil Survey



GSC Magnetic Anomaly Map (1968)

Zinc Anomaly Map

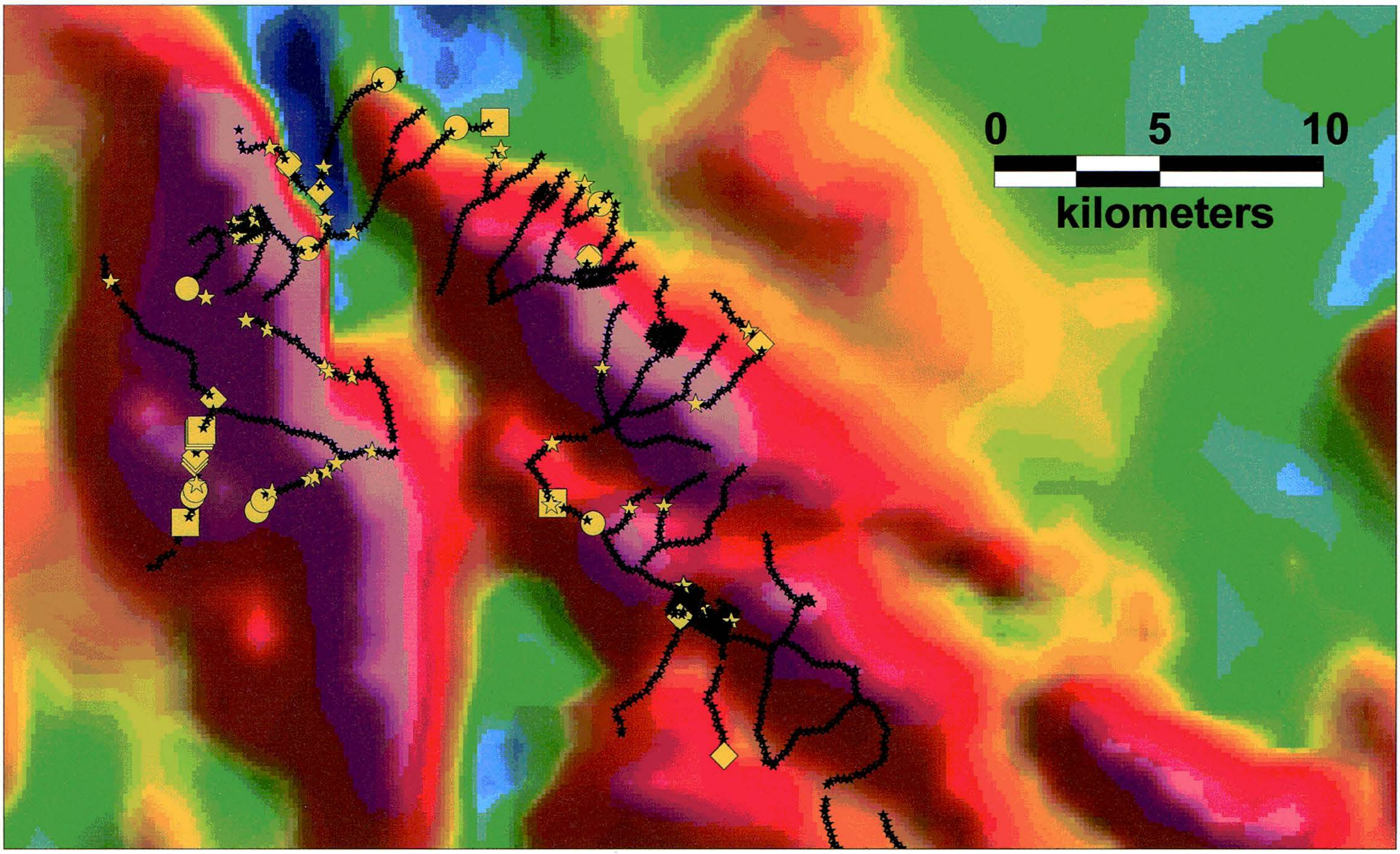
Stewart Regional Soil Survey
Zinc ppm

250 to 827 (16)
150 to 250 (47)
100 to 150 (140)
0 to 100 (1127)

Figure # 2

Stewart Regional Soil Survey 2003

Gold Anomaly Map



GSC Magnetic Anomaly Map (1968)

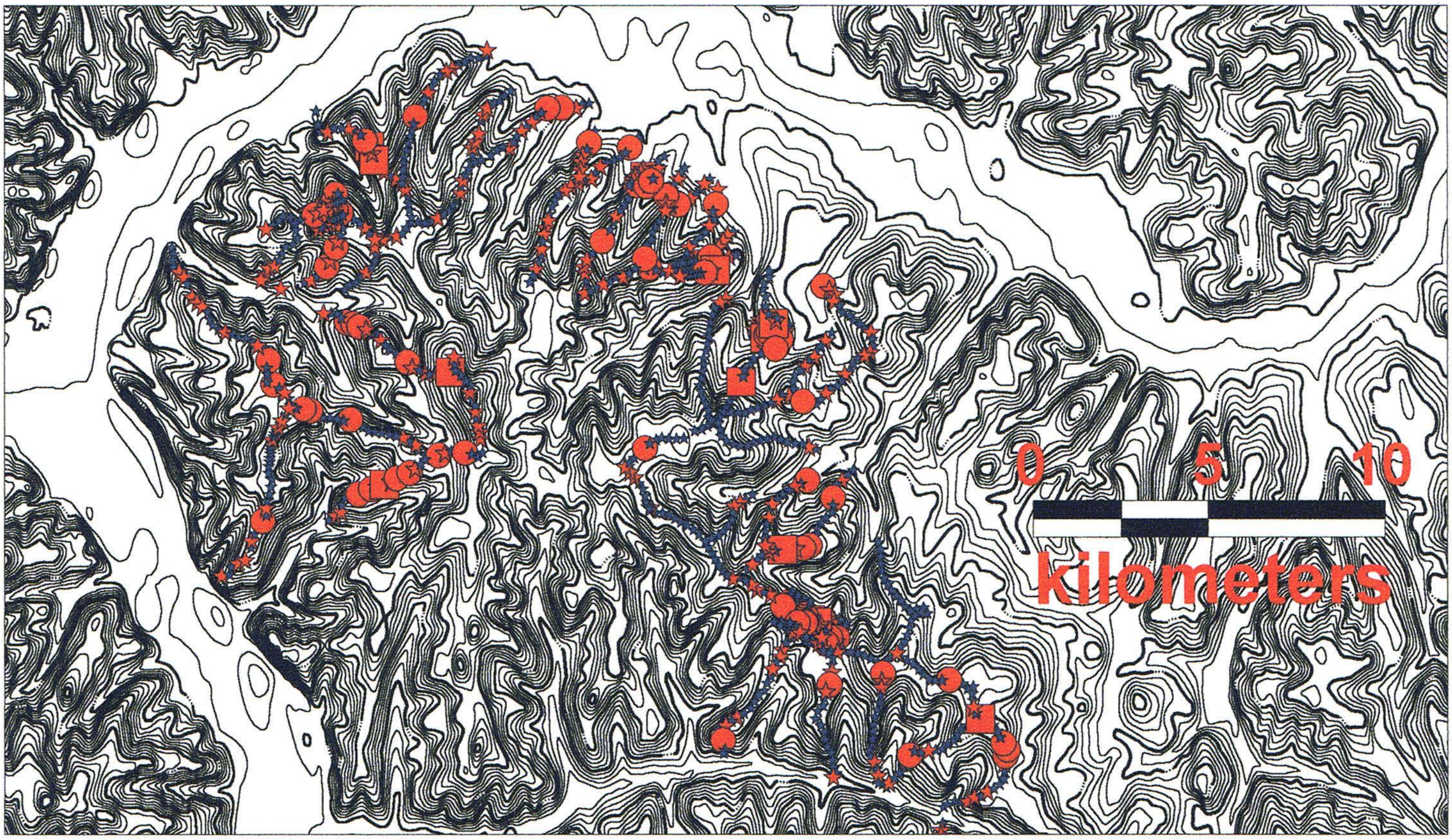
Stewart Regional Soil Survey
Gold ppb

■	50 to 988	(11)
◆	25 to 50	(13)
●	15 to 25	(18)
☆	8 to 15	(57)
★	-1 to 8	(1231)

Figure #3

Stewart Regional Soil Survey

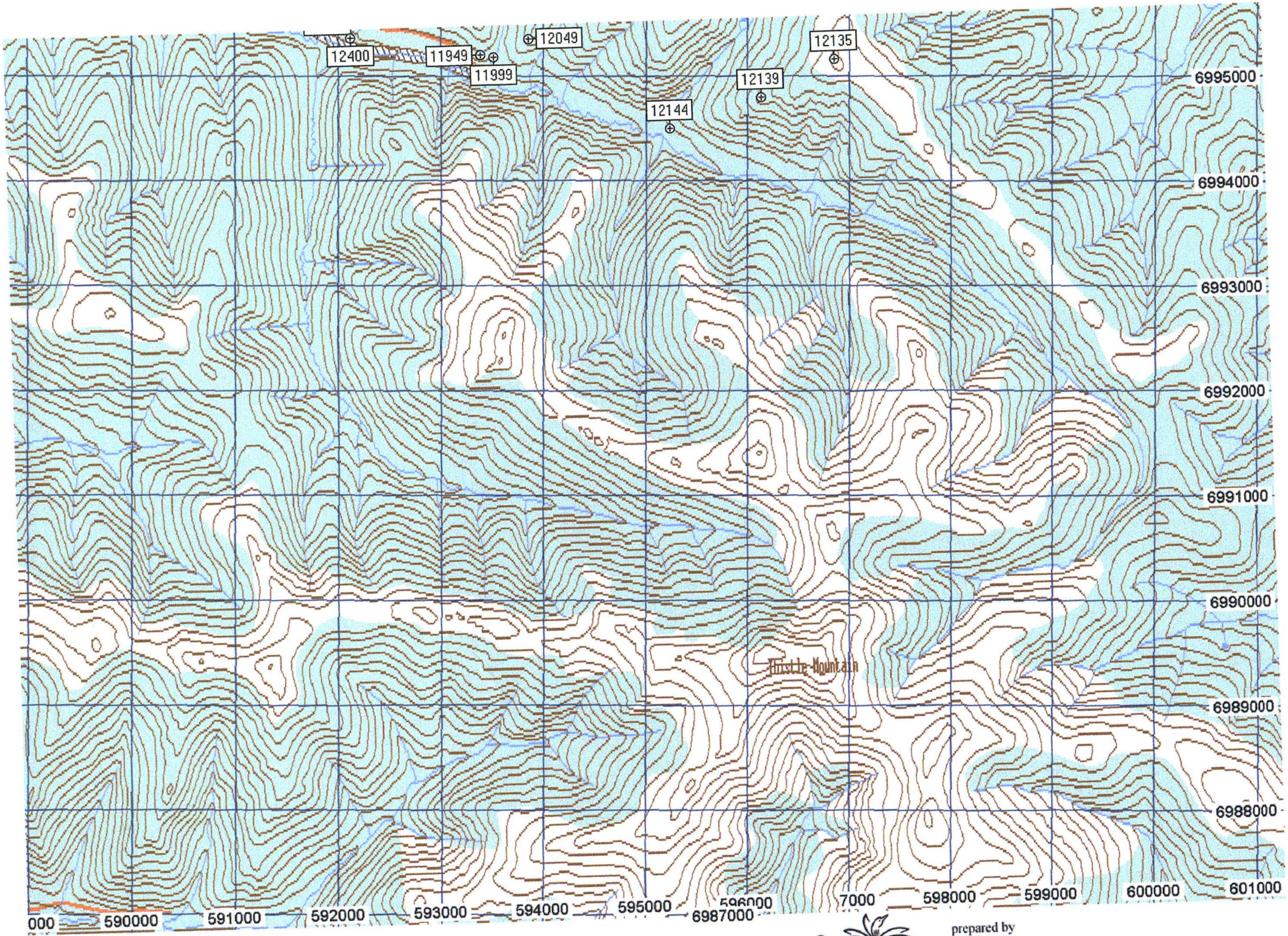
Copper Anomaly Map



Stewart Regional Soil Survey
Copper ppm

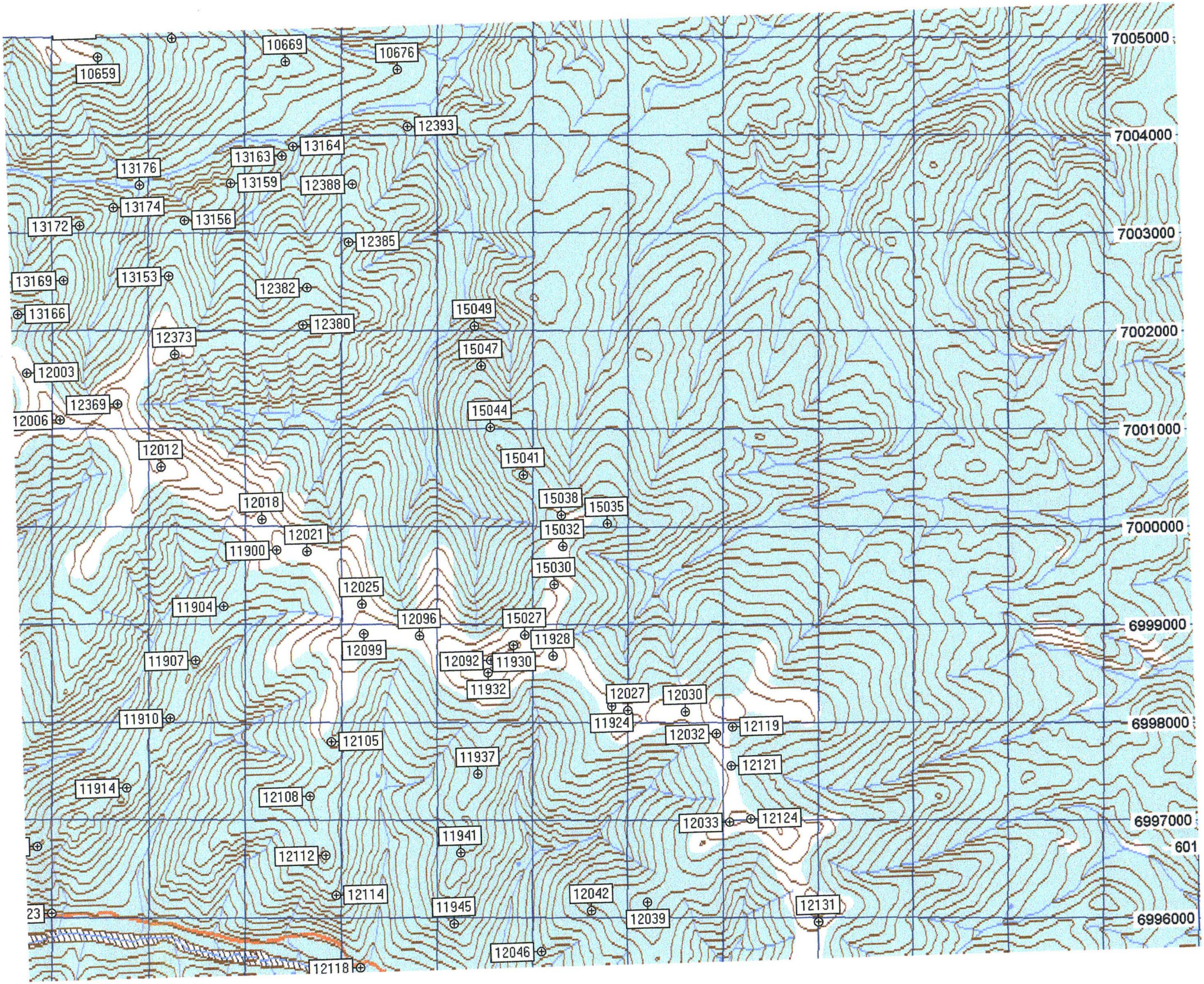
- 200 to 893 (26)
- 100 to 200 (103)
- 50 to 100 (321)
- 0 to 50 (880)

Figure # 4



prepared by
Jim Gilpin

#1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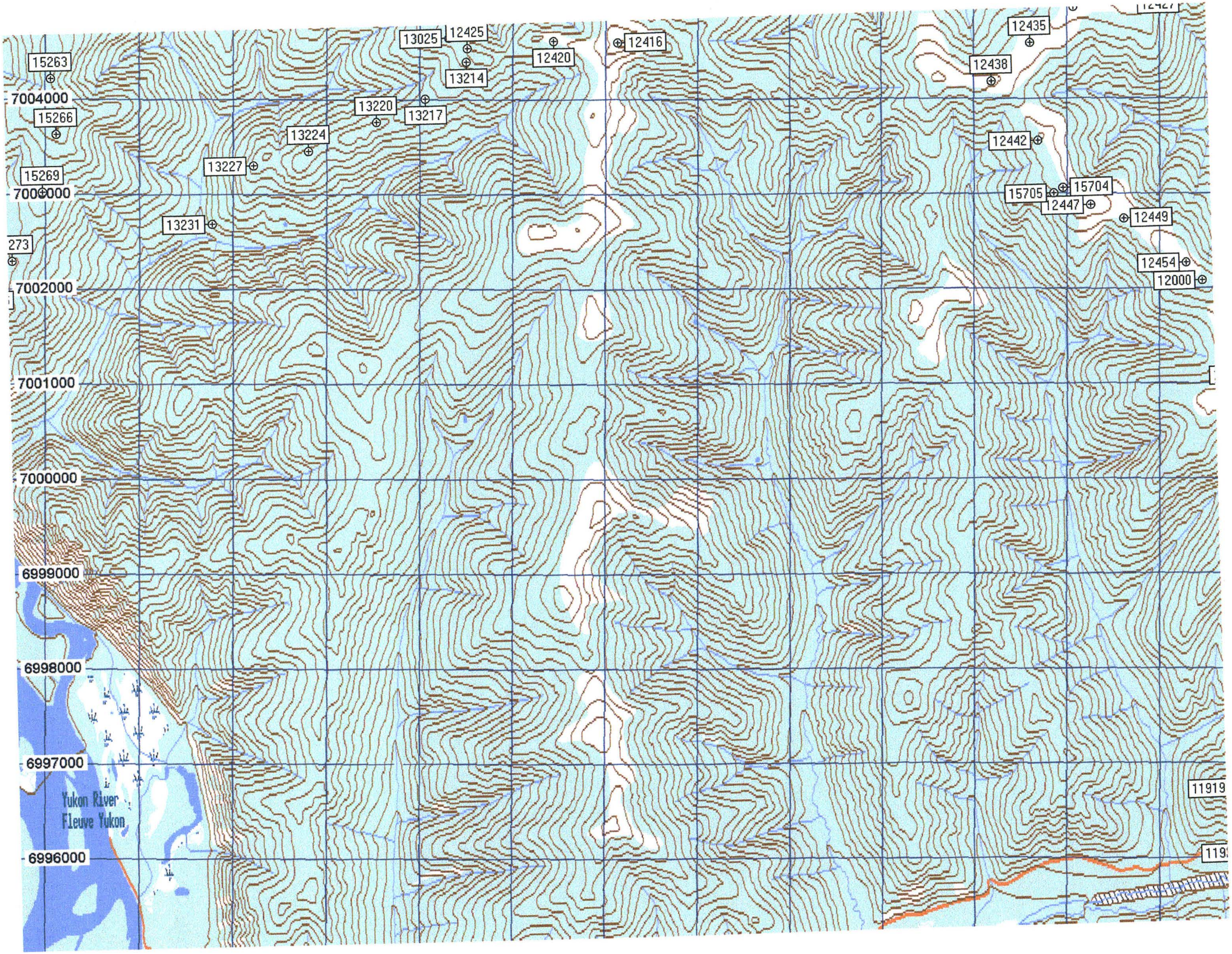

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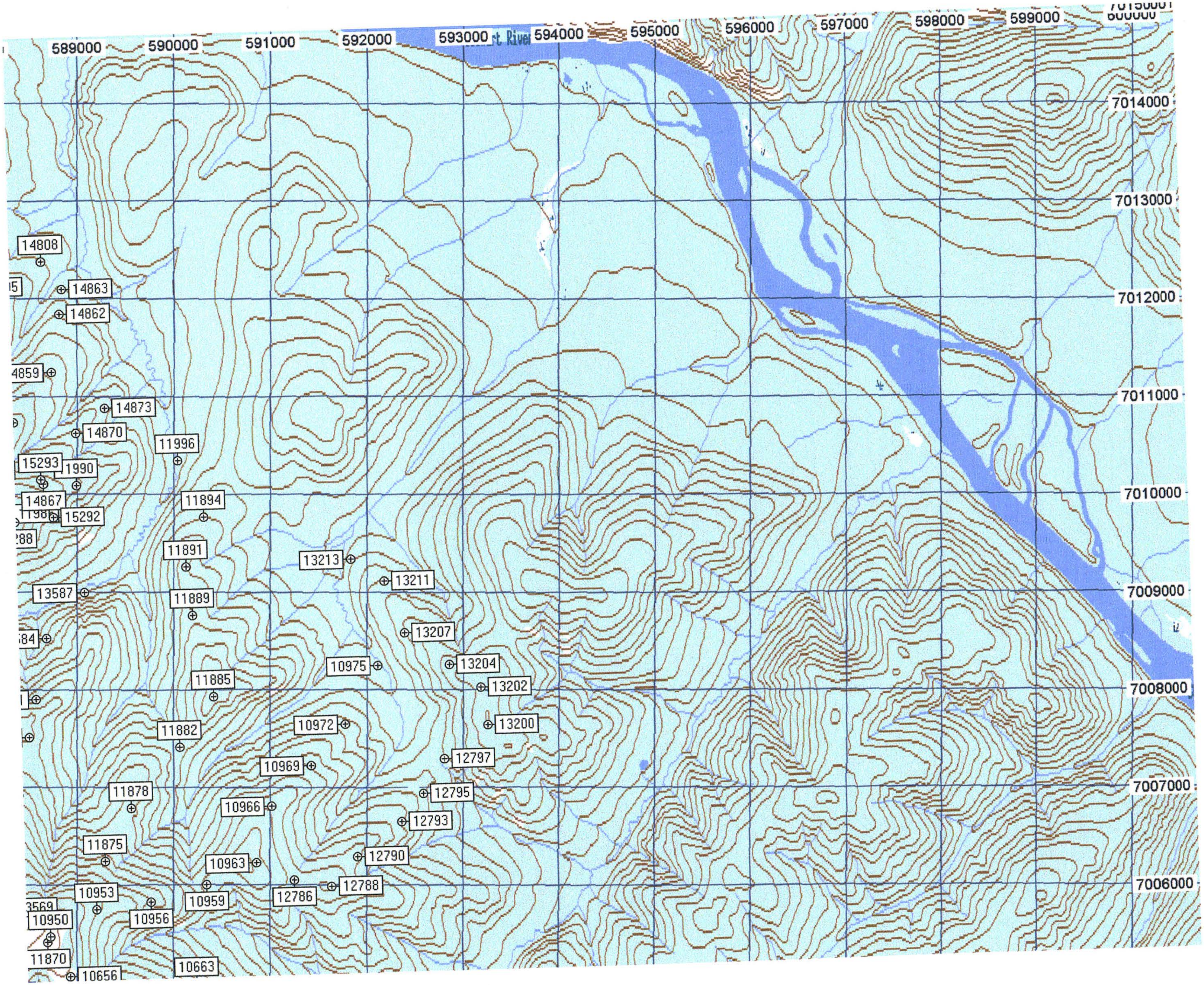
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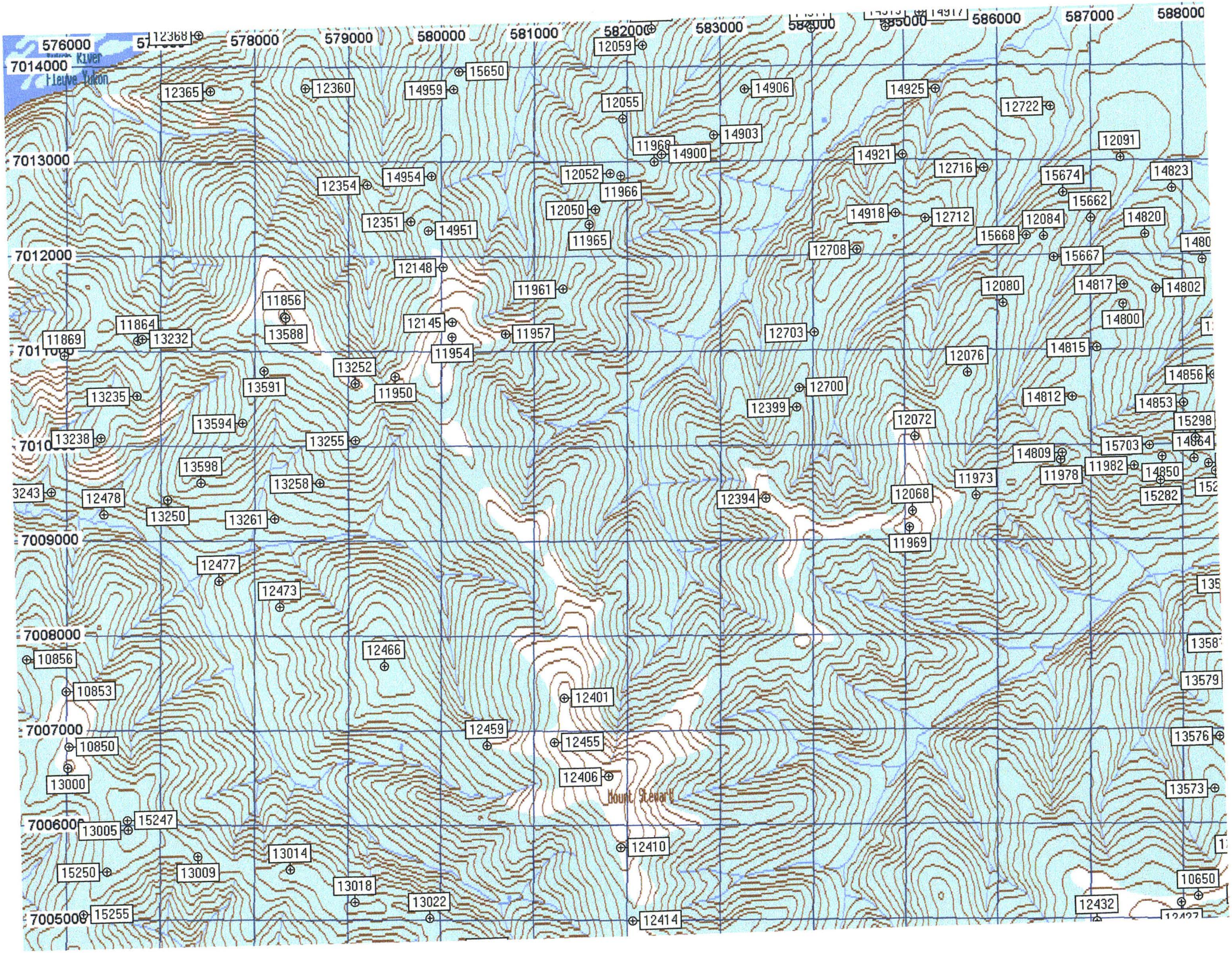
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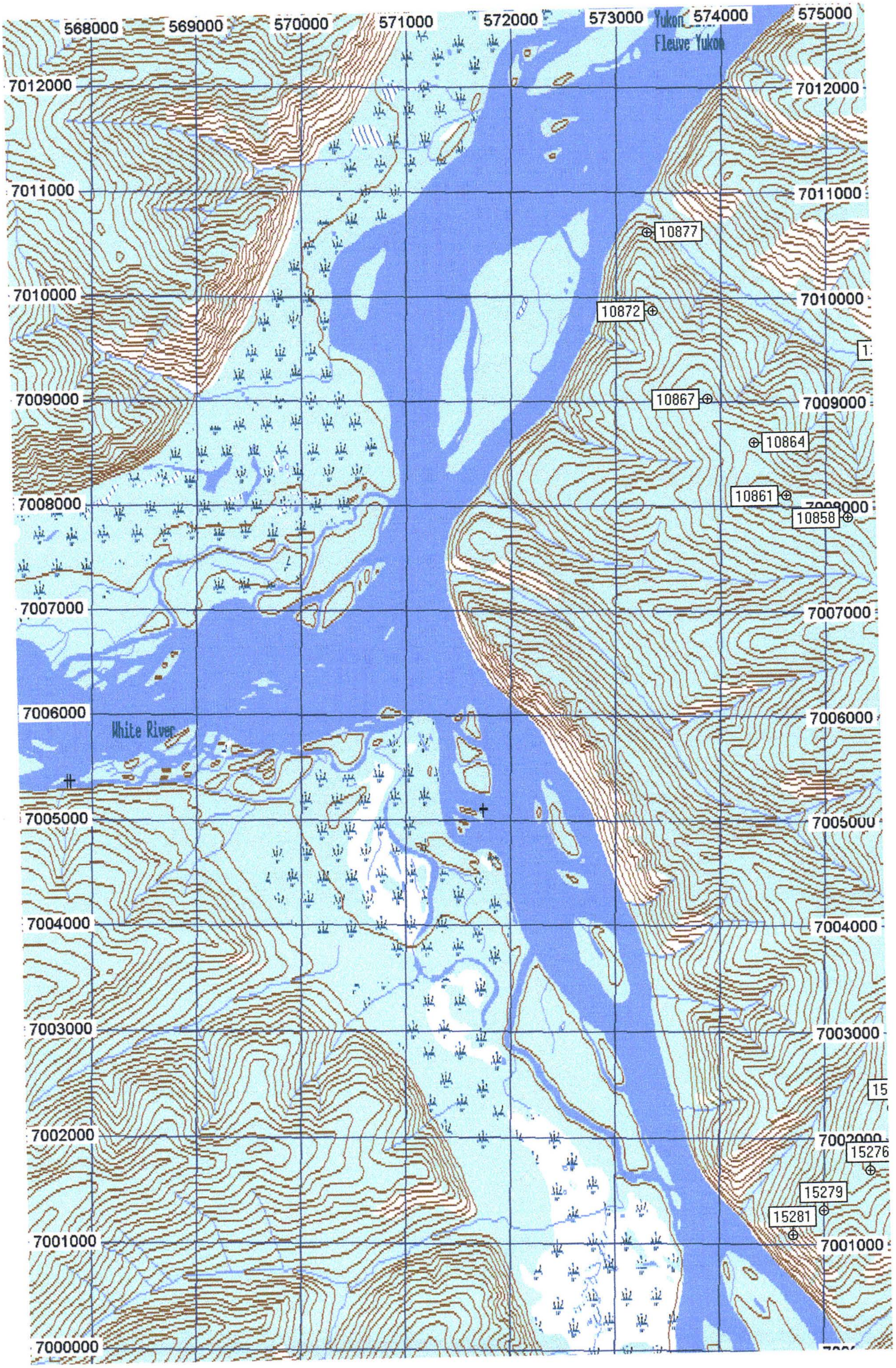
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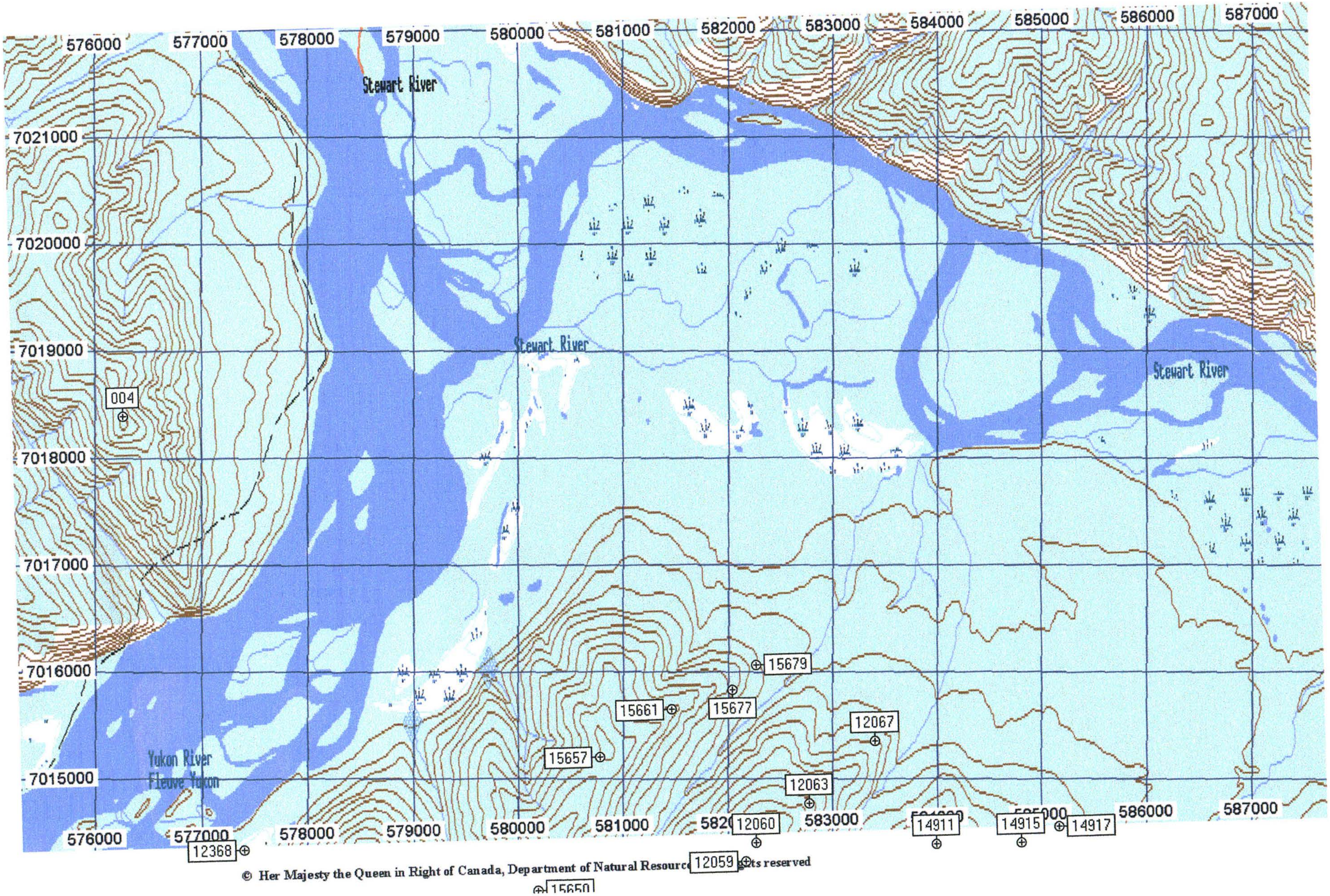
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STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12071	585024	7009893	STEWART	FLEMING	20030611	2	0.4	2.85	9	-10	10000	1.4	-2	0.26	1.1	3	29	80	3.44	10	-1	0.05	20	0.34	281	16	0.01	74	1510	26	0.03
NA12072	585115	7010085	STEWART	FLEMING	20030611	4	0.2	1.6	6	-10	440	0.9	-2	0.08	0.6	13	20	94	3.69	10	-1	0.1	40	0.4	158	8	-0	17	1170	21	0.05
NA12073	585277	7010268	STEWART	FLEMING	20030611	-1	0.3	1.68	6	-10	250	0.5	-2	0.14	0.7	6	63	37	4.08	-10	-1	0.09	20	0.57	223	2	0.01	23	950	13	0.1
NA12074	585414	7010434	STEWART	FLEMING	20030611	2	-0.2	1.76	2	-10	410	0.5	-2	0.27	-0.5	9	33	17	2.95	-10	1	0.32	30	0.76	188	-1	0.01	24	510	7	-0
NA12075	585544	7010609	STEWART	FLEMING	20030611	1	-0.2	1.54	-2	-10	80	-0.5	-2	0.36	-0.5	23	63	137	2.14	-10	-1	0.03	10	1.51	197	-1	0.02	110	180	2	-0
NA12076	585685	7010758	STEWART	FLEMING	20030611	2	-0.2	2.84	-2	-10	470	0.6	-2	0.23	-0.5	12	36	46	4.72	10	-1	1.12	20	1.74	606	1	0.01	19	580	9	-0
NA12077	585766	7010945	STEWART	FLEMING	20030611	1	-0.2	2.45	-2	-10	320	0.8	-2	0.16	-0.5	12	44	34	4.87	10	1	0.83	60	0.9	202	1	0.02	27	500	5	0.07
NA12078	585879	7011135	STEWART	FLEMING	20030611	2	-0.2	1.45	3	-10	210	-0.5	-2	0.25	-0.5	7	22	16	2.53	-10	-1	0.17	20	0.45	328	1	0.01	14	370	7	-0
NA12079	585952	7011322	STEWART	FLEMING	20030611	2	0.2	2.42	3	-10	350	0.7	-2	0.22	-0.5	11	4	67	5.7	10	-1	0.7	20	0.83	527	1	0.02	6	440	6	-0
NA12080	586070	7011494	STEWART	FLEMING	20030611	-1	0.2	2.29	5	-10	250	0.6	-2	0.13	-0.5	6	7	40	5.4	10	-1	0.81	10	0.53	625	-1	0.01	5	270	4	0.01
NA12081	586178	7011660	STEWART	FLEMING	20030611	-1	-0.2	1.7	-2	-10	270	0.5	-2	0.12	-0.5	4	7	28	4.09	10	-1	0.6	10	0.35	535	-1	0.01	5	150	4	-0
NA12082	586292	7011820	STEWART	FLEMING	20030611	-1	0.7	1.38	-2	-10	170	0.5	-2	0.38	-0.5	3	6	41	3.6	10	-1	0.05	30	0.27	335	-1	0.01	6	230	10	-0
NA12083	586376	7012013	STEWART	FLEMING	20030611	1	0.4	1.64	12	-10	270	0.6	-2	0.58	-0.5	3	4	46	4.33	10	-1	0.25	50	0.47	254	-1	0.01	3	1700	14	0.01
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NA12085	586620	7012323	STEWART	FLEMING	20030611	-1	-0.2	1.48	-2	-10	170	-0.5	-2	0.69	-0.5	15	24	21	2.57	-10	1	0.13	10	0.9	260	-1	0.05	15	1500	3	-0
NA12086	586775	7012437	STEWART	FLEMING	20030611	-1	-0.2	1.04	-2	-10	120	-0.5	2	0.75	-0.5	27	20	252	2.15	-10	-1	0.1	10	0.73	257	-1	0.05	33	1560	2	-0
NA12087	586963	7012578	STEWART	FLEMING	20030611	-1	-0.2	1.8	3	-10	200	0.5	-2	0.2	-0.5	9	22	14	2.88	-10	1	0.53	20	0.94	535	-1	0.01	11	230	9	-0
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NA12090	587155	7012909	STEWART	FLEMING	20030611	2	-0.2	1.62	6	-10	260	0.5	-2	0.38	-0.5	10	24	22	2.87	-10	1	0.22	10	0.72	329	-1	0.02	19	380	10	-0
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NA11850	579303	7010673	STEWART	LINLEY	20030610	3	0.3	1.56	364	-10	380	0.6	-2	0.11	1.1	9	39	65	3.1	-10	-1	0.06	20	0.54	205	2	0.01	31	280	296	0.01
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NA11852	578935	7010826	STEWART	LINLEY	20030610	1	-0.2	1.5	4	-10	140	-0.5	-2	0.21	-0.5	12	31	42	2.2	-10	1	0.02	10	0.48	239	-1	0.01	30	230	5	-0
NA11853	578802	7010980	STEWART	RYAN	20030610	1	-0.2	2.18	2	-10	90	0.5	-2	0.35	-0.5	18	145	84	3.96	-10	-1	0.03	10	0.91	225	-1	0.02	54	180	2	-0
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NA12000	588474	7002079	STEWART	RYAN	20030612	3	-0.2	2.38	11	-10	180	0.5	-2	0.16	0.6	13	38	27	3.1	10	-1	0.04	10	0.64	348	1	0.01	27	170	8	0.01
NA12001	588566	7001906	STEWART	RYAN	20030612	-1	-0.2	1.18	8	-10	160	0.9	2	0.24	0.8	9	20	41	4.43	10	-1	0.15	30	0.37	891	1	0.01	13	190	9	0.01
NA12002	588652	7001738	STEWART	RYAN	20030612	3	-0.2	2.31	12	-10	140	0.5	-2	0.11	0.5	10	33	19	3.41	10	-1	0.04	10	0.45	329	1	0.01	17	390	13	0.01
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NA12005	588967	7001241	STEWART	RYAN	20030612	2	-0.2	2.06	5	-10	270	0.5	2	0.2	0.6	11	24	28	3.38	10	-1	0.23	20	0.61	553	-1	0.01	16	320	10	0.01
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NA12007	589259	7001001	STEWART	RYAN	20030612	2	-0.2	2.93	7	-10	160	0.5	-2	0.18	0.8	19	19	58	3.92	10	-1	0.06	10	0.84	290	-1	0.02	12	210	11	0.01
NA12008	589455	7001029	STEWART	RYAN	20030612	2	-0.2	1.98	11	-10	140	-0.5	-2	0.14	0.6	9	31	15	3.33	10	-1	0.04	10	0.43	261	1	0.01	14	350	11	0.01
NA12009	589630	7000946	STEWART	RYAN	20030612	-1	-0.2	2.71	7	-10	600	-0.5	-2	0.34	0.7	15	13	20	4.37	10	-1	0.8	20	1.43	698	-1	0.02	6	810	10	0.01
NA12010	589793	7000828	STEWART	RYAN	20030612	-1	-0.2	2.35	2	-10	350	0.5	-2	0.32	0.6	16	38	65	3.83	10	-1	0.59	10	1.36	511	-1	0.03	12	520	4	0.01
NA12011	589943	7000693	STEWART	RYAN	20030612	1	-0.2	2.79	2	-10	620	-0.5	-2	0.32	0.5	17	21	58	4.57	10	-1	0.74	20	1.26	543	-1	0.02	11	760	6	0.12
NA12012	590127	7000607	STEWART	RYAN	20030612	1	0.3	2.83	9	-10	250	-0.5	-2	0.2	0.6	17	24	43	3.77	10	-1	0.21	10	1.02	586	-1	0.02	17	350	7	0.02
NA12013	590320	7000556	STEWART	RYAN	20030612	2	-0.2	3.26	3	-10	340	-0.5	2	0.22	0.6	21	30	63	4.55	10	-1	0.5	10	1.36	623	-1	0.02	16	270	6	0.01
NA12014	590515	7000486	STEWART	RYAN	20030612	2	0.4	2.55	6	-10	320	-0.5	-2	0.22	0.5	15	31	41	3.62	10	-1	0.24	10	0.95	489	-1	0.01	16	200	6	0.01
NA12015	590693	7000388	STEWART	RYAN	20030612	3	-0.2	2.34	3	-10	210	0.5	-2	0.16	0.5	6	6	14	2.87	10	-1	0.51	20	1.31	493	-1	0.01	4	230	10	-0
NA12016	590887	7000337	STEWART	RYAN	20030612	4	-0.2	1.72	4	-10	530	-0.5	-2	0.53	0.8	27	3	150	5.94	10	-1	0.36	10	0.77	1085	-1	0.03	5	810	3	-0
NA12017	591058	7000237	STEWART	RYAN	20030612	-1	-0.2	2.56	7	-10	490	0.5	-2	0.1	1.2	26	5	36	6.95	10	-1	0.96	10	1	997	-1	0.01	3	260	-2	0.01
NA12018	591177	7000074	STEWART	RYAN	20030612	2	-0.2	1.69	2	-10	720	0.6	-2	0.42	1.1	23	28	13	6.35	10	-1	0.59	-10	0.94	1345	-1	0.02	15	210	7	-0
NA12019	591315	6999935	STEWART	RYAN	20030612	3	-0.2	1.8	5	-10	350	0.5	-2	0.14	0.8	9	26	114	5.18	10	-1	0.69	30	0.72	184	1	0.07	19	1090	8	0.84
NA12020	591457	6999801	STEWART	RYAN	20030612	3	-0.2	2.47	6	-10	460	0.7	-2	0.07	0.6	23	6	620	5.5	10	-1	0.74	40	0.65	156	-1	0.02	6	1060	3	0.44
NA12021	591648	6999742	STEWART	RYAN	20030612	3	-0.2	2.39	10	-10	340	0.5	2	0.07	0.7	12	40	392	5.97	10	-1	0.8	60	0.92	392	1	0.04	10	1440	5	0.81
NA12022	591837	6999674	STEWART	RYAN	20030612	1	-0.2	3.48	3	-10	290	0.6	-2	0.59	-0.5	94	12	76	5.02	10	-1	0.03	20	2.28	936	-1	0.01	15	630	5	0.01
NA12023	591990	6999549	STEWART	RYAN	20030612	1	-0.2	2.04	3	-10	390	-0.5	-2	0.28	0.6	19	24	48	4.35	10	-1	0.54	10	1.1	790	-1	0.02	14	640	5	0.01
NA12024	592106	6999392	STEWART	RYAN	20030612	3	0.2	2.01	6	-10	310	-0.5	-2	0.4	0.5	15	68	48	3.7	10	1	0.09	10	0.79	475	-1	0.03	23	210	6	0.01
NA12025	592214	6999210	STEWART	RYAN	20030612	2	-0.2	2.26	3	-10	390	0.5	-2	0.23	0.6	18	26	82	4.86	10	-1	0.38	10	0.9	601	-1	0.01	14	320	3	-0
NA15336	586053	6987876	STEWART	LINLEY	20030725	5	0.5	1.64	8	-10	360	-0.5	-2	0.49	-0.5	10	33	19	2.76	10	-1	0.1	10	0.49	285	1	0.02	24	340	5	0.02
NA15337	585966	6987822	STEWART	LINLEY	20030723	1	0.6	1.85	4	-10	360	-0.5	-2	0.27	-0.5	10	48	35	3.28	10	-1	0.27	10	0.68	413	2	0.02	35	670	6	0.06
NA15338	585879	6987771	STEWART	LINLEY	20030725	5	-0.2	2.04	25	-10	910	0.7	-2	0.72	-0.5	21	112	105	5.43	-10	-1	0.49	40	1.07	645	2	0.02	136	1760	6	0.01
NA15339	585790	6987720	STEWART	LINLEY	20030725	5	0.3	1.74	59	-10	660	0.7	-2	0.38	0.5	17	56	72	3.97	-10	-1	0.36	20	0.64	913	1	0.01	62	820	8	0.01
NA14800	587354	7011477	STEWART	LINLEY	20030722	1	0.2	2.27	5	-10	260	-0.5	-2	0.45	-0.5	16	58	50	3.3	-10	-1	0.57	10	1.78	393	-1	0.02	28	490	3	-0
NA14801	587548	7011529	STEWART	LINLEY	20030722	5	-0.2	1.98	9	-10	410	-0.5	-2	0.45	-0.5	11	52	30	2.94	-10	-1	0.08	20	0.86	263	-1	0.02	23	530	5	-0
NA12468	579156	7007982	STEWART	RYAN	20030616	3	0.2	1.62	10	-10	260	-0.5	-2	0.44	-0.5	12	32	31	3.24	10	-1	0.46	40	0.81	559	1	0.02	20	1020	5	-0
NA12469	578961	7007943	STEWART	RYAN	20030616	5	-0.2	2	13	-10	520	-0.5	-2	0.34	-0.5	14	89	38	3.11	10	-1	0.18	20	1.2	286	1	0.02	54	300	8	-0
NA12470	578841	7008109	STEWART	RYAN	20030616	2	-0.2	1.46	15	-10	170	-0.5	-2	0.58	-0.5	14	78	54	2.19	-10	-1	0.46	-10	1.21	207	-1	0.04	24	780	2	-0
NA12471	578646	7008176	STEWART	RYAN	20030616	5	-0.2	1.79	8	-10	330	-0.5	-2	0.35	-0.5	14	35	100	3.2	10	-1	0.29	10	0.89	324	-1	0.02	22	540	6	0.01
NA12472	578468	7008252	STEWART	RYAN	20030616	4	0.2	2.21	13	-10	510	1.2	-2	0.96	-0.5	24	71	120	6.66	10	-1	0.33	10	0.94	839	-1	0.02	49	1030	8	-0

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA12071	-2	4	45	0.06	-10	-10	179	-10	253	OR	QB	0.3	M		C	L	L	G	BDR	N		H	
NA12072	-2	2	62	0.04	-10	-10	39	-10	130	OR	QB	0.5	M		C	L	L	M	BDR	N		H	
NA12073	-2	3	61	0.1	-10	-10	60	-10	106	OR	QE	0.3	M	10	B	M	H	M	BDR	S		M	
NA12074	-2	9	17	0.12	-10	-10	78	-10	45	BN	QE	0.5	M		C	M	L	G	BDR	N		H	
NA12075	2	3	15	0.14	-10	-10	39	-10	22	GN	QD	0.5	M		C	L	L	G	BDR	N		H	
NA12076	3	13	12	0.25	-10	-10	104	-10	120	OR	QU	0.4	M		C	L	L	F	BDR	N		H	
NA12077	-2	5	20	0.2	-10	-10	76	-10	70	BN	QE	0.4	M		C	L	L	F	BDR	N		H	
NA12078	-2	4	17	0.08	-10	-10	42	-10	63	BN	QE	0.4	M	0	C	L	H	G	BDR	N		H	
NA12079	3	8	12	0.2	-10	-10	78	-10	190	OR	QU	0.4	M		C	L	L	G	BDR	N		H	
NA12080	3	9	11	0.16	-10	-10	21	-10	192	OR	QU	0.5	M		C	L	L	G	BDR	N		H	
NA12081	2	8	12	0.16	-10	-10	13	-10	114	OR	QU	0.4	M		C	L	L	G	BDR	N		H	
NA12082	3	12	26	0.01	-10	-10	20	-10	87	OR	QB	0.5	M		C	L	M	G	BDR	N		H	
NA12083	3	7	27	0.06	-10	-10	33	-10	155	OR	QL	0.5	M		C	L	M	G	BDR	N		H	
NA12084	4	4	52	0.26	-10	-10	112	-10	56	BN	QE	0.5	M		C	L	L	F	BDR	N		H	
NA12085	-2	4	15	0.08	-10	-10	70	-10	50	BK		0.4	M		C	L	L	G	BDR	N		H	
NA12086	2	9	18	0.07	-10	-10	60	-10	24	BK		0.5	M		C	L	L	M	BDR	N		H	
NA12087	2	4	14	0.16	-10	-10	58	-10	45	OR	QE	0.4	M		C	L	L					H	
NA12089	2	6	17	0.18	-10	-10	69	-10	122	BN	QE	0.6	M		C	L	L	G	BDR	N		H	
NA12090	2	4	27	0.11	-10	-10	60	-10	48	BN	QL	0.3	M	5	C	M	H	G	BDR	S		M	
NA12091	2	3	27	0.06	-10	-10	43	-10	53	GY	QE	0.3	M	20	B	H	H	G	BDR	S		L	
NA11850	8	5	17	0.04	-10	-10	81	-10	176	BN		0.3	M	0		M					QZT	H	BLUISH QUARTZ?
NA11851	2	5	17	0.13	-10	-10	71	-10	99	BN		0.3	M		C		M				QZT	H	BLUISH QUARTZITE
NA11852	-2	3	12	0.07	-10	-10	47	-10	31	BN		0.25	M		C		M				QZT	H	QUARTZITE
NA11853	3	9	14	0.11	-10	-10	111	-10	60	BN		0.3	M		C		M				SCH	H	BLUISH QUARTZ
NA11854	-2	4	16	0.07	-10	-10	61	-10	47	OR		0.3	M		B		H				SCH	M	BLUE QUARTZ
NA11855	2	5	26	0.08	-10	-10	59	-10	51	BN		0.4	M		C		M				QZT	H	BLUE QUARTZITE
NA11856	2	7	29	0.09	-10	-10	67	-10	55	BN		0.3	M		B		H				SCH	M	BLUEISH QUARTZ
NA11857	-2	3	11	0.13	-10	-10	68	-10	43	BN		0.1	M		C		M				SCH	H	BLUISH QUARTZ
NA12000	3	6	16	0.1	-10	-10	70	-10	53	BN		0.3	M		C	M	M	F	BDR	N		M	ROCKY SUBSURFACE HARD TO GET GOOD SAMPLE
NA12001	-2	14	24	0.07	-10	-10	35	-10	120	BN		0.55	M		C	L	L	F	BDR	N	SCH	H	QUATRTZ BIOTITE SCHIST
NA12002	2	5	12	0.07	-10	-10	65	-10	52	BN		0.1	M	10	B	M	M	F	BDR	N	GNE	M	ROCKY GROUND QUARTZ BIOTITE GNEISS
NA12003	-2	3	11	0.08	-10	-10	70	-10	43	BN		0.1	M		B	M	M	F	BDR	N	GNE	M	QUARTZ BIOTIE GNEISS
NA12004	3	13	13	0.21	-10	-10	33	-10	124	BN		0.3	M		C	L	L	F	BDR	N	GNE	H	QUATRZ BIOTITE GNEISS
NA12005	-2	11	19	0.12	-10	-10	57	-10	89	BN		0.4	M		C	L	L	F	BDR	N		H	no rocks
NA12006	2	4	13	0.08	-10	-10	78	-10	56	BN		0.2	M	10	b	M	L	F	BDR	N		M	ROCKY GROUND
NA12007	-2	6	10	0.14	-10	-10	136	-10	134	BN		0.3	M	5	C	L	L	F	BDR	N	AMP	M	
NA12008	2	4	14	0.08	-10	-10	72	-10	48	BN		0.3	M		B	H	H	F	BDR	N	SCH	M	QUARTZ MICA SCHIST
NA12009	3	10	17	0.25	-10	-10	115	-10	106	BN		0.6	M		C	L	L	G	BDR	N	SCH	H	QUARTZ MICA SCHIST
NA12010	-2	10	41	0.16	-10	-10	122	-10	62	BN		0.6	M		C	L	L	G	BDR	N		H	
NA12011	-2	11	27	0.21	-10	-10	120	-10	118	BN		0.4	M		C	L	L	G	BDR	N		H	
NA12012	-2	5	18	0.18	-10	-10	97	-10	108	BN		0.25	M	0	C	L	M	G	BDR	N	GNE	M	QUART BIOTITE GNEISS?
NA12013	-2	5	31	0.28	-10	-10	118	-10	112	BN		0.3	M	10	C	L	L	G	BDR	N	GNE	M	QUARTZ BIOTITE GNEISS?
NA12014	3	5	27	0.19	-10	-10	89	-10	83	BN		0.3	M		C	L	L	F	BDR	N	GNT	M	GRANITE?
NA12015	-2	4	13	0.1	-10	-10	19	-10	81	OR		0.4	M		C	L	L	F	BDR	N	SCH	H	QUARTZ MICA SCHIST LOTS OF MICA IN ORANGE SOIL
NA12016	-2	32	22	0.08	-10	-10	172	-10	122	BN		0.6	M		C	L	L	G	BDR	N		H	NO Rx
NA12017	2	16	12	0.16	10	-10	96	-10	234	BN		0.45	M		C	L	L		BDR		SCH	H	QUARTZ MICA SCHIST LOTS OF MICA IN SOIL
NA12018	2	36	23	0.08	-10	-10	148	-10	95	OR		0.5	M		C	L	L	F	BDR	N		H	NO ROCK ORANGE / BROWN SOIL COLOR
NA12019	-2	6	76	0.09	-10	-10	67	-10	45	BN	QL	0.5	M		C	L	L	G	BDR	N	SCH	H	NO ROCKS SOIL IS A LIGHT BLOND W LOTS OF MICA ROCK MUST BE QUARTZ MICA SCHIST
NA12020	2	7	47	0.09	-10	-10	35	-10	64	BN	QL	0.45	M		C	L	L	F	BDR	N	SCH	H	LOTS OF MICA IN SOIL QUARTZ MICA SCHIST?
NA12021	2	10	73	0.11	-10	-10	112	-10	43	BN	QL	0.4	M		C	L	L	F	BDR	N		H	NO ROCKS
NA12022	3	14	49	0.1	-10	-10	116	-10	106	BN		0.5	M		C	L	L	F	BDR	N	SCH	H	QUATRZ MICA BIOTITE SCHIST MICA IN SOIL
NA12023	2	11	13	0.16	-10	-10	112	-10	77	BN		0.5	M	0	C	L	L	F	BDR	N	AMP	H	
NA12024	-2	9	25	0.13	-10	-10	94	-10	67	BN		0.5	M		C	M	L	F	BDR	N	AMP	M	
NA12025	2	14	21	0.11	-10	-10	104	-10	63	BN		0.4	M		C	L	L	G	BDR	N	SCH	H	UARTZ MICA SCHIST
NA15336	-2	3	30	0.1	-10	-10	64	-10	45	BN	QL	0.3	M	0.5	C	L	L	S	COL	N		M	
NA15337	-2	3	26	0.13	-10	-10	86	-10	95	OR	QE	0.3	M	1	C	L	L	M	COL	N		M	
NA15338	-2	14	24	0.09	-10	-10	112	-10	133	OR	QE	0.75	M		C	L	L	M	COL	N		H	
NA15339	-2	8	25	0.09	-10	-10	92	-10	112	OR	QE	0.55	M		C	L	L	M	COL	N		H	
NA14800	-2	5	24	0.22	-10	-10	89	-10	52	OR	QD	0.45	M		C	L	L	G	BDR	N		H	
NA14801	-2	4	27	0.15	-10	-10	70	-10	47	BN	QE	0.4	M		C	L	L	M	BDR	N		H	
NA12468	-2	9	15	0.11	-10	-10	55	-10	55	BN		0.5	M		C	L	L	G	COL	N		H	NO RX
NA12469	-2	5	22	0.13	-10	-10	72	-10	54	BN		0.6	M		C	L	L	M	COL	N	AMP	H	AMP?
NA12470	-2	5	13	0.14	-10	-10	62	-10	22	BN		0.7	M		C	L	L	G	COL	N	AMP	H	AMP RX SL IS BL/BN
NA12471	-2	4	22	0.16	-10	-10	88	-10	59	BN		0.15	M	5	B	H	M	M	COL	S	QTZ	L	QTZ-AMP
NA12472	2	34	21	0.01	-10	-10	163	-10	98	OR		0.6	M		C	M	M	M	COL	S		M	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12473	578272	7008298	STEWART	RYAN	20030616	11	-0.2	0.91	27	-10	70	-0.5	-2	0.13	-0.5	29	638	140	2.99	-10	-1	0.02	10	1.7	236	-1	0.01	513	100	4	-0
NA12474	578115	7008432	STEWART	RYAN	20030616	7	-0.2	1.34	20	-10	150	-0.5	-2	0.23	-0.5	17	203	12	2.89	-10	-1	0.03	10	0.97	231	1	0.02	204	110	6	0.01
NA12475	577998	7008552	STEWART	RYAN	20030616	4	-0.2	1.55	9	-10	210	-0.5	-2	0.45	-0.5	18	176	28	3	-10	-1	0.05	10	1.33	377	-1	0.03	202	520	7	-0
NA12476	577827	7008582	STEWART	RYAN	20030616	3	-0.2	1.85	13	-10	250	-0.5	-2	0.35	-0.5	20	125	20	3.16	-10	-1	0.05	10	1.14	330	-1	0.02	261	160	6	0.01
NA12477	577619	7008574	STEWART	RYAN	20030616	12	0.2	2.45	16	-10	770	1.1	2	0.58	-0.5	36	146	97	6.17	10	-1	0.69	30	1.57	976	1	0.03	270	970	10	0.02
NA12478	576404	7009272	STEWART	RYAN	20030616	8	0.7	2.89	14	-10	1380	-0.5	-2	0.79	-0.5	22	81	77	4.57	10	1	1.23	10	2.22	445	-1	0.03	43	1790	4	0.01
NA12394	583494	7009444	STEWART	FLEMING	20030616	4	0.2	2.12	9	-10	220	-0.5	-2	0.36	-0.5	13	40	30	3.4	-10	-1	0.18	20	0.71	259	1	0.02	34	690	11	0.01
NA12395	583574	7009630	STEWART	FLEMING	20030616	2	0.2	2.14	7	-10	290	0.6	-2	0.36	-0.5	10	32	36	3.99	10	-1	0.22	30	0.71	524	1	0.02	18	340	9	0.01
NA11858	577912	7011307	STEWART	LINLEY	20030610	4	-0.2	1.77	4	-10	240	-0.5	-2	0.2	-0.5	11	31	23	2.58	-10	1	0.03	10	0.5	206	-1	0.01	22	180	15	-0
NA11859	577711	7011306	STEWART	LINLEY	20030610	73	-0.2	2.61	-2	-10	320	-0.5	-2	0.34	-0.5	25	75	264	3.14	-10	1	0.38	-10	2.13	1205	-1	0.02	31	600	9	-0
NA11860	577559	7011220	STEWART	LINLEY	20030610	5	-0.2	2.83	3	-10	390	-0.5	-2	0.36	-0.5	22	113	65	3.53	10	-1	0.42	10	1.79	538	-1	0.02	35	450	10	-0
NA11922	589020	6996143	STEWART	LINLEY	20030612	4	-0.2	2.2	11	-10	860	1	-2	0.42	-0.5	15	52	45	4.19	10	-1	0.13	40	0.75	482	2	0.02	43	440	26	0.01
NA11923	589001	6996046	STEWART	LINLEY	20030612	2	0.2	1.63	3	-10	510	0.6	-2	0.48	-0.5	12	24	27	4.28	10	-1	0.12	30	0.47	997	1	0.02	18	490	18	0.01
NA11950	579503	7010734	STEWART	RYAN	20030610	23	-0.2	1.93	9	-10	140	0.5	-2	0.21	-0.5	15	36	23	3.58	10	-1	0.34	30	0.61	583	1	0.01	29	670	21	0.01
NA11951	579710	7010754	STEWART	RYAN	20030610	5	-0.2	2.95	14	-10	480	0.9	-2	0.42	-0.5	20	90	64	4.99	10	-1	0.53	30	1.2	709	1	0.02	66	840	13	-0
NA11952	579875	7010833	STEWART	RYAN	20030610	2	-0.2	2.42	-2	-10	290	-0.5	-2	0.34	-0.5	17	191	43	3.14	10	-1	0.48	30	1.47	291	-1	0.02	138	530	10	-0
NA11953	579990	7010995	STEWART	RYAN	20030610	2	-0.2	2.45	5	-10	220	0.5	-2	0.13	-0.5	22	53	32	4.47	10	-1	0.59	40	0.7	629	-1	0.01	46	360	15	0.01
NA11954	580117	7011154	STEWART	RYAN	20030610	1	-0.2	2.74	3	-10	230	-0.5	-2	0.15	-0.5	19	74	33	3.98	10	-1	0.49	40	0.94	345	-1	0.01	40	250	8	0.02
NA11955	580308	7011158	STEWART	RYAN	20030610	2	-0.2	2.44	4	-10	150	0.6	-2	0.14	-0.5	14	59	45	3.86	10	-1	0.29	30	0.94	373	1	0.01	26	220	22	0.01
NA11956	580505	7011124	STEWART	RYAN	20030610	2	-0.2	2.17	3	-10	230	0.5	-2	0.36	-0.5	14	52	45	3.54	10	-1	0.24	20	1.01	473	-1	0.02	20	340	11	0.01
NA11957	580693	7011183	STEWART	RYAN	20030610	5	-0.2	2.02	3	-10	420	1.2	-2	0.29	-0.5	14	43	34	3.4	10	-1	0.05	20	0.68	643	1	0.01	35	380	22	0.01
NA11958	580876	7011262	STEWART	RYAN	20030610	10	-0.2	4.73	-2	-10	490	1.2	-2	0.36	-0.5	27	107	71	6.12	20	-1	1.19	40	1.56	961	1	0.02	82	850	17	0.02
NA11959	581045	7011370	STEWART	RYAN	20030610	3	-0.2	2.51	6	-10	240	0.5	-2	0.13	-0.5	14	41	23	3.28	10	-1	0.08	10	0.53	361	1	0.01	25	280	13	0.01
NA11960	581213	7011482	STEWART	RYAN	20030610	1	-0.2	2.8	18	-10	260	0.7	-2	0.39	-0.5	20	63	49	4.63	10	-1	0.46	20	1.48	918	1	0.01	31	620	15	0.01
NA11961	581309	7011660	STEWART	RYAN	20030610	3	-0.2	2.62	4	-10	300	0.6	-2	0.22	-0.5	15	36	32	3.91	10	-1	0.33	20	0.92	504	1	0.01	18	310	14	-0
NA11962	581408	7011817	STEWART	RYAN	20030610	2	-0.2	2.21	5	-10	170	0.6	-2	0.28	-0.5	14	46	20	3.33	10	-1	0.3	20	0.8	395	-1	0.01	28	220	22	-0
NA11963	581513	7011986	STEWART	RYAN	20030610	1	-0.2	3.45	-2	-10	530	-0.5	-2	0.55	-0.5	20	96	59	4.78	10	1	1.48	10	2.5	1595	-1	0.02	33	600	28	-0
NA11964	581532	7012170	STEWART	RYAN	20030610	3	-0.2	2.13	8	-10	290	0.5	2	0.2	-0.5	12	30	27	3.24	10	1	0.21	20	0.65	388	1	0.01	19	210	37	-0
NA11965	581596	7012339	STEWART	RYAN	20030610	2	-0.2	2.21	8	-10	210	0.5	-2	0.91	-0.5	26	31	82	4.04	-10	-1	0.13	10	0.73	419	1	0.03	39	3220	8	0.01
NA11966	581935	7012855	STEWART	RYAN	20030610	3	-0.2	1.8	5	-10	240	0.5	-2	0.14	-0.5	10	26	27	3.24	10	-1	0.27	20	0.51	430	-1	0.01	15	190	31	0.01
NA11967	582113	7012927	STEWART	RYAN	20030610	2	-0.2	1.92	-2	-10	180	-0.5	-2	0.15	-0.5	7	13	15	3.11	10	-1	0.38	-10	0.44	373	-1	0.01	8	190	6	-0
NA11968	582297	7012993	STEWART	RYAN	20030610	4	-0.2	1.62	4	-10	260	-0.5	-2	0.23	-0.5	10	31	28	2.83	-10	-1	0.12	20	0.48	193	1	0.01	23	330	13	0.01
NA12100	592095	6998749	STEWART	FLEMING	20030612	1	-0.2	2.65	4	-10	240	-0.5	-2	0.26	-0.5	17	22	23	4.36	10	-1	0.25	10	0.81	605	-1	0.02	14	580	6	0.01
NA12101	592064	6998557	STEWART	FLEMING	20030612	-1	-0.2	2.07	3	-10	260	-0.5	-2	0.18	-0.5	12	21	20	3.51	10	-1	0.2	10	0.59	426	1	0.01	13	200	7	0.01
NA12102	592082	6998358	STEWART	FLEMING	20030612	-1	-0.2	3.34	2	-10	280	-0.5	-2	0.27	-0.5	21	12	84	5	10	-1	0.44	-10	1.3	483	1	0.02	9	340	6	0.01
NA12103	592066	6998167	STEWART	FLEMING	20030612	-1	0.3	2.43	5	-10	230	-0.5	2	0.25	-0.5	16	19	31	3.91	10	-1	0.28	10	0.79	422	-1	0.02	13	510	8	0.01
NA12104	591999	6997981	STEWART	FLEMING	20030612	2	-0.2	2.55	3	-10	180	0.6	-2	0.25	-0.5	27	9	100	7.89	10	-1	0.07	10	0.45	599	-1	0.02	12	350	6	0.01
NA12105	591899	6997803	STEWART	FLEMING	20030612	-1	-0.2	1.99	-2	-10	120	-0.5	-2	0.44	-0.5	16	7	70	3.39	-10	-1	0.11	-10	0.86	411	1	0.04	6	290	6	0.01
NA12106	591855	6997608	STEWART	FLEMING	20030612	-1	-0.2	2.83	-2	-10	300	-0.5	-2	0.61	-0.5	22	28	26	4.68	10	-1	0.22	10	1.79	792	-1	0.02	12	840	10	-0
NA11861	577364	7011209	STEWART	LINLEY	20030610	4	-0.2	2.16	5	-10	210	-0.5	-2	0.13	-0.5	11	48	24	2.7	-10	-1	0.03	10	0.51	235	1	0.01	26	180	17	0.01
NA11862	577164	7011184	STEWART	LINLEY	20030610	5	0.2	1.68	6	-10	130	-0.5	-2	0.37	-0.5	10	23	26	2.37	10	-1	0.05	-10	0.62	356	-1	0.01	14	1430	10	0.01
NA11863	576944	7011202	STEWART	LINLEY	20030610	2	-0.2	2.79	-2	-10	260	0.6	-2	0.62	-0.5	23	9	30	5.15	10	-1	0.12	10	1.5	892	-1	0.03	10	790	4	0.01
NA11864	576760	7011107	STEWART	LINLEY	20030610	5	-0.2	2.03	-2	-10	410	0.5	-2	0.35	-0.5	10	33	11	3.02	10	-1	0.34	20	0.94	378	-1	0.01	15	840	6	-0
NA11865	576679	7011295	STEWART	LINLEY	20030610	2	-0.2	2.37	-2	-10	410	1.3	-2	0.37	-0.5	14	20	10	4.12	10	-1	0.17	20	1	1135	1	0.02	13	510	6	-0
NA11866	576484	7011329	STEWART	LINLEY	20030610	1	-0.2	1.88	7	-10	230	-0.5	-2	0.17	-0.5	10	39	12	3.11	10	-1	0.1	10	0.52	335	1	0.01	20	300	9	0.01
NA11867	576335	7011197	STEWART	LINLEY	20030610	5	-0.2	1.83	8	-10	210	0.5	-2	0.29	-0.5	12	38	22	3.06	10	-1	0.2	10	0.65	399	-1	0.01	23	480	9	0.01
NA11868	576179	7011057	STEWART	LINLEY	20030610	4	-0.2	1.88	4	-10	330	0.5	-2	0.25	-0.5	12	36	19	2.88	10	1	0.07	10	0.68	343	1	0.02	21	220	8	-0
NA11869	575976	7010952	STEWART	LINLEY	20030610	1	-0.2	1.37	-2	-10	250	-0.5	-2	0.2	-0.5	11	15	61	2.32	-10	-1	0.13	-10	0.55	182	-1	0.01	13	350	7	0.01
NA11870	588707	7005416	STEWART	LINLEY	20030611	1	-0.2	1.49	6	-10	110	-0.5	-2	0.11	-0.5	8	25	16	2.84	10	-1	0.03	10	0.29	279	1	0.01	15	310	10	0.02
NA11871	588825	7005571	STEWART	LINLEY	20030611	2	-0.2	0.92	4	-10	80	-0.5	-2	0.1	-0.5	5	19	16	1.62	-10	-1	0.03	10	0.2	146	1	0.01	11	500	12	0.03
NA11872	588969	7005724	STEWART	LINLEY	20030611	3	-0.2	2.51	8	-10	190	1	-2	0.16	-0.5	12	31	20	3.91	10	-1	0.05	10	0.49	386	1	0.01	21	270	9	0.01
NA11873	589073	7005911	STEWART	LINLEY	20030611	2	0.2	1.36	6	-10	170	0.6	-2	0.24	-0.5	6	23	23	2.17	-10	-1	0.04	10	0.29	172	1	0.01	17	420	11	0.03
NA11874	589182	7006069	STEWART	LINLEY	20030611	2	-0.2	1.52	3	-10	140	-0.5	-2	0.23	-0.5	9	25	16	2.32	-10	-1	0.03	10	0.36	345	1	0.01	15	390	9	0.02
NA11875	589293	7006238	STEWART	LINLEY	20030611	4	-0.2	2.08	7	-10	170	0.6	-2	0.19	-0.5	10	31	20	3.17	10	-1	0.04	10	0.47	298	1	0.01	17	300	14	0.01
NA11876	589379	7006411	STEWART	LINLEY	20030611	1	-0.2	1.88	6	-10	130	-0.5	2	0.21	-0.5	9	24	13	2.97	10	-1	0.03	10	0.49	272	-1	0.01	13	260	9	0.01
NA11877	589494	7006601	STEWART	LINLEY	20030611	-1	-0.2	3.06	2	-10	280	-0.5	-2	0.63	-0.5	38	19	289	6.14	10	-1	0.45	-10	1.34	314	1	0.04	19	840	7	0.01
NA11878	589562	7006780	STEWART	LINLEY	20030611	2	-0.2	2.56	4	-10	230	-0.5	-2	0.32	-0.5	23	21	40	4.81	10	-1	0.1	10	1.12	290	1	0.02	11	340	8	-0
NA11879	589600	7006964	STEWART	LINLEY	20030611	-1	-0.2	2.96	-2	-10	350	0.5	-2	0.3	-0.5	15	17	10	4.25	10	-1	0.56	10	0.98	574	-1	0.02	6	740	7	0.01
NA11880	589755	7007120	STEWART	LINLEY	20030611	-1	-0.2	2.8	-2	-10	220	-0.5	-2	0.99	-0.5	14	11	30	3.76	10	-1	0.18	-10	0.73	251	-1	0.03	7	750	6	0.01
NA11881	589859	7007288	STEWART	LINLEY	20030611	3	0.3	2.6	5	-10	250	0.6	-2	0.72	-0.5	11	30	38	3.01	10	-1	0.06	10	0.53	312	1	0.02	22	370	9	0.01
NA11882	590066	7007411	STEWART	LINLEY	20030611	2	-0.2	1.22	5	-10	170	-0.5	-2	0.08	-0.5	7	21	12	2.13	10	-1	0.03	10	0.24	155	1	0.01	12	240	10	0.01
NA11883	590213	7007559	STEWART	LINLEY	20030611	-1	-0.2	2.72	3	-10	240	-0.5	-2	0.97	-0.5	14	20	56	2.76	10	-1	0.1	-10	0.92	403	-1	0.05	12	940	4	0.01
NA11884	590344	7007742	STEWART	LINLEY	20030611	1	-0.2	2.79	-2	-10	910	-0.5	-2	0.53	-0.5	24	20	147	4.61	10	-1	0.69	30	1.19	1395	1	0.02	19	1480	9	0.02
NA11885	590418	7007924	STEWART	LINLEY	20030611	-1	-0.2	3.16	2	-10	580	-0.5	-2	0.19	-0.5	17	24	211	4.72	10	-1	0.78	10	1.46	724	1	0.02	15	420	9	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA12473	4	5	8	0.04	-10	-10	35	-10	22	BK	QL	0.5	M		C	L	L	G	COL	S	ULM	H	LT-BL-GN SL
NA12474	2	3	19	0.08	-10	-10	56	-10	37	BN		0.4	M	10	B	L	L	M	COL	S	ULM	L	ULM? POOR SL LOTS OF LOESS
NA12475	2	5	33	0.1	-10	-10	54	-10	49	BN		0.35	M	2	B	M	M	G	COL	S	ULM	L	FROST IN GROUND P[OOR SOIL
NA12476	-2	6	26	0.09	-10	-10	58	-10	43	BN		0.3	M	5	B	M	L	G	COL	S	ULM	L	FROST IN GROUND POOR SL
NA12477	2	17	32	0.13	-10	-10	113	-10	138	OR		0.6	M		C	L	L	G	COL	S		H	NO RX
NA12478	-2	8	50	0.24	-10	-10	131	-10	96	BN		0.8	M		C	L	L	F	COL	N		H	ROAD SIDE CUT ON FRISCO CR.
NA12394	-2	5	24	0.13	-10	-10	67	-10	71	TA	QE	0.3	M	5	C	M	M	G	BDR	S		M	
NA12395	-2	11	28	0.14	-10	-10	53	-10	91	TA	QE	0.6	M		C	L	L	G	BDR	N		H	
NA11858	-2	3	19	0.06	-10	-10	54	-10	44	BN		0.25	M		C		L				SCH	M	BLUISH QUARTZITE
NA11859	3	4	13	0.19	-10	-10	97	-10	48	BN		0.3	M		C		H				SCH	H	BLUISH QUARTZITE
NA11860	-2	4	29	0.25	-10	-10	110	-10	48	BN		0.3	M		C		M				SCH	H	BLUE QUARTZITE
NA11922	2	8	33	0.02	-10	-10	87	-10	97	BN		60	I		C	L	L	S	COL	N		H	
NA11923	2	11	39	0.03	-10	-10	59	-10	91	OR		50	I	1	C	L	L	F	ALV	N		H	
NA11950	-2	5	17	0.13	-10	-10	55	-10	75	BN		0.25	M	2	C						SCH	H	SILICIOUS QUARTZ MUSCOVITE RUSTY SCHIST
NA11951	2	9	37	0.16	-10	-10	141	-10	61	OR		0.65	M		C		M				SCH	H	RUSTY QUARTZ MUSCOVITE
NA11952	-2	6	26	0.16	-10	-10	60	-10	56	BN		0.5	M		C	L	L				SCH	H	QUARTZ MUSCOVITE SCHIST SEEN 10M AWAY
NA11953	-2	6	18	0.17	-10	-10	58	-10	82	OR		0.5	M		C	L	M					H	VERY ORANGE SOIL
NA11954	-2	6	20	0.2	-10	-10	69	-10	79	BN		0.4	M		C	L	L				SCH	H	
NA11955	-2	8	20	0.15	-10	-10	72	-10	66	OR		0.4	M		C	L	L				SCH	H	QUARTZ RICH ROCK IN HOLE- QUARTZ MUSCOVITE SCHIST- ORANGE SOIL
NA11956	-2	7	36	0.17	-10	-10	79	-10	62	BN		0.4	M	2	C	L	L				SCH	H	BIOTITE QUARTZ MUSCOVITE SCHIST
NA11957	-2	8	29	0.08	-10	-10	70	-10	78	BN		0.5	M		C	L	L				SCH	H	WHITE POTENTIALLY GRANITE WITH GREEN
NA11958	-2	12	36	0.35	-10	-10	129	-10	147	BN		0.5	M		C	L	L					H	
NA11959	-2	4	16	0.09	-10	-10	74	-10	57	BN		0.25	M		C	L	M				SCH	M	QUARTZ MUSCOVITE SCHIST?
NA11960	-2	8	31	0.18	-10	-10	94	-10	111	BN		0.5	M		C	L	L				SCH	H	BIOTITE QUARTZ MUSCOVITE SCHIST BROWNISH ORANGE SOIL
NA11961	2	7	19	0.15	-10	-10	79	-10	66	BN		0.3	M		C	L	L				AMP	M	AMPHIBOLITE
NA11962	-2	5	25	0.14	-10	-10	61	-10	61	BN		0.4	M		C	L	L				SCH	H	BIOTITE QUARTZ MUSCOVITE SCHIST
NA11963	-2	8	44	0.36	-10	-10	137	-10	243	BN		0.4	M	0	C	L	H				QZT	H	QUARTZITE?
NA11964	-2	6	19	0.14	-10	-10	61	-10	56	BN		0.4	M	0	C	L	H				SCH	H	BIOTITE, QUARTZ - SCHIST
NA11965	2	5	27	0.09	-10	-10	82	-10	61	BN		0.25	M		C	L	L				AMP	H	AMPHIBOLITE & QUARTZ
NA11966	2	5	17	0.12	-10	-10	47	-10	88	BN		0.4	M		C	L	M				SCH	M	QUARTZ MUSCOVITE SCHIST?
NA11967	-2	4	12	0.15	-10	-10	27	-10	89	BN		0.4	M		C	M	M				SCH	M	QUARTZ MUSCOVITE- ALSO SOME RUST IN HOLE
NA11968	-2	4	22	0.09	-10	-10	55	-10	61			0										M	
NA12100	-2	7	17	0.17	-10	-10	68	-10	77	BN	QE	0.5	M		C	L	L	F	BDR	N		H	
NA12101	-2	5	16	0.14	-10	-10	58	-10	75	OR	QU	0.2	M	5	C	M	M	G	BDR	N		M	
NA12102	2	4	17	0.24	-10	-10	124	-10	86	BN	QE	0.4	M		C	L	L	G	BDR	N		H	
NA12103	-2	5	12	0.16	-10	-10	93	-10	63	BN	QE	0.4	M	0	C	L	L	G	BDR	N		H	
NA12104	-2	21	12	0.04	-10	-10	197	-10	87	OR	QE	0.4	M	5	C	L	M	G	BDR	N		M	
NA12105	-2	5	19	0.14	-10	-10	109	-10	45	BN	QD	0.4	M		C	L	L	M	COL	N		H	
NA12106	-2	8	40	0.3	-10	-10	134	-10	62	OR	QU	0.5	M		C	L	L	M	BDR	N		H	
NA11861	-2	3	14	0.07	-10	-10	61	-10	42	BN		0.2	M		C		H				SCH	M	BLUE QUARTZITE
NA11862	-2	3	12	0.07	-10	-10	52	-10	50	BN		0.2	M		C		L				QZT	M	BLUE QUARTZITE
NA11863	-2	15	31	0.06	-10	-10	155	-10	96	BN		0.45	M		C		M				QZT	H	BLUISH QUARTZITE
NA11864	-2	5	24	0.17	-10	-10	61	-10	39	BN		0.4	M		C		M				QZT	M	BLACK/ BLUE QUARTZITE
NA11865	-2	15	27	0.05	-10	-10	69	-10	56	BN		0.5	M		C		L				QZT	H	BLACK QUARTZ, CLEAR SPARKLE
NA11866	-2	3	16	0.1	-10	-10	62	-10	40	BN		0.3	M		C		M					H	ROCK GREY/SILVER
NA11867	3	5	21	0.12	-10	-10	57	-10	45	BN		0.55	M		C		M				QTZ	H	ROCK, SILVER QUARTZ
NA11868	-2	5	22	0.1	-10	-10	70	-10	46	BN		0.35	M		C		M				QTZ	H	ROCK: CLEAR QUARTZ
NA11869	-2	2	10	0.13	-10	-10	68	-10	44	BN		0.3	M		C		M					H	ROCK: SILVER/GREY
NA11870	-2	2	18	0.06	-10	-10	84	-10	42	BK		0.1	M		A	M	H	F	BDR	N		L	
NA11871	-2	1	13	0.03	-10	-10	39	-10	30	BN		5	I		A	L	M	G	BDR	N		L	
NA11872	-2	7	22	0.05	-10	-10	80	-10	70	OR		30	I		B	H	H	G	BDR	N		L	
NA11873	2	2	36	0.04	-10	-10	56	-10	43	BN		15	I		A	H	H	S	BDR	N		L	
NA11874	-2	3	26	0.04	-10	-10	57	-10	52	BN		10	I		A	M	H	S	BDR	N		L	
NA11875	-2	4	28	0.09	-10	-10	73	-10	57	BN		30	I		B	H	H	S	COL	N		M	
NA11876	-2	3	20	0.12	-10	-10	76	-10	48	BN		20	I		B	H	H	S		N		M	
NA11877	4	9	66	0.37	-10	-10	202	-10	45	BN		45	I		C	L	M	S	COL	N		H	
NA11878	2	8	24	0.15	-10	-10	171	-10	47	BN		30	I		C	M	M	G	COL	N		H	
NA11879	3	8	34	0.26	-10	-10	65	-10	46	BN		30	I		C	L	M	G	COL	N		H	
NA11880	-2	6	104	0.17	-10	-10	109	-10	31	BN		25	I		B	L	M	S	COL	N		M	
NA11881	-2	6	62	0.09	-10	-10	59	-10	67	BN		25	I		B	H	H	S	COL	N		M	
NA11882	-2	2	10	0.06	-10	-10	56	-10	35	BN		10	I		A	H	H	M	COL	P		L	
NA11883	-2	5	118	0.12	-10	-10	80	-10	45	BN		15	I		B	L	M	G	COL	N		M	
NA11884	-2	6	53	0.27	-10	-10	100	-10	209	BN		15	I		B	L	M	G	BDR	N		M	
NA11885	-2	6	35	0.24	-10	-10	136	-10	180	BN		20	I		A	L	M	G	COL	N		H	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA11886	590421	7008170	STEWART	LINLEY	20030611	1	-0.2	1.3	6	-10	160	-0.5	-2	0.13	-0.5	8	24	13	2.75	10	-1	0.05	10	0.36	244	1	0.01	12	380	12	0.01
NA11887	590299	7008332	STEWART	LINLEY	20030611	5	-0.2	1.92	9	-10	250	0.5	-2	0.16	-0.5	11	34	20	3.06	10	-1	0.08	10	0.49	294	1	0.01	21	240	11	0.01
NA11888	590284	7008553	STEWART	LINLEY	20030611	1	-0.2	1.34	2	-10	210	-0.5	-2	0.2	-0.5	10	19	24	2.42	10	-1	0.16	10	0.51	685	1	0.01	10	520	6	0.01
NA11889	590192	7008758	STEWART	LINLEY	20030611	-1	-0.2	1.48	5	-10	320	-0.5	-2	0.18	-0.5	10	28	18	2.72	-10	-1	0.13	10	0.45	353	1	0.01	18	250	10	0.01
NA11890	590197	7009040	STEWART	LINLEY	20030611	1	-0.2	1.09	5	-10	150	-0.5	-2	0.11	-0.5	6	21	14	1.9	-10	-1	0.04	-10	0.3	123	1	0.01	13	260	10	0.02
NA11891	590123	7009256	STEWART	LINLEY	20030611	-1	-0.2	2.69	5	-10	340	-0.5	-2	0.49	-0.5	19	28	23	3.75	10	-1	0.38	-10	1.25	448	1	0.01	19	520	9	0.01
NA11892	590148	7009406	STEWART	LINLEY	20030611	3	-0.2	1.7	3	-10	390	-0.5	-2	0.29	-0.5	11	27	18	2.71	-10	-1	0.12	10	0.53	825	1	0.01	17	280	10	0.01
NA11893	590305	7009580	STEWART	LINLEY	20030611	4	-0.2	1.86	8	-10	220	-0.5	-2	0.12	-0.5	11	30	14	3.02	10	-1	0.05	10	0.45	285	1	0.01	17	210	10	0.01
NA11894	590306	7009769	STEWART	LINLEY	20030611	2	-0.2	1.5	6	-10	180	-0.5	-2	0.23	-0.5	8	23	16	2.4	10	-1	0.04	10	0.41	193	-1	0.01	14	380	10	0.01
NA11900	591330	6999759	STEWART	LINLEY	20030612	4	-0.2	2.56	-2	-10	290	-0.5	-2	0.22	-0.5	7	8	114	5.61	10	-1	0.73	20	1.35	218	1	0.11	2	1250	8	1.07
NA11901	591216	6999582	STEWART	LINLEY	20030612	2	-0.2	2.58	-2	-10	260	-0.5	-2	0.39	-0.5	12	5	39	3.59	10	-1	0.2	-10	0.94	160	-1	0.03	1	610	5	0.03
NA11902	591073	6999438	STEWART	LINLEY	20030612	5	-0.2	1.84	5	-10	200	-0.5	-2	0.2	-0.5	8	25	49	3.15	10	-1	0.09	10	0.6	183	1	0.01	12	360	12	0.06
NA11903	590909	6999319	STEWART	LINLEY	20030612	1	0.3	3.13	-2	-10	500	0.5	-2	0.18	-0.5	19	28	35	5.55	10	-1	0.05	20	1.29	805	-1	0.01	19	440	6	-0
NA11904	590776	6999182	STEWART	LINLEY	20030612	3	-0.2	2.06	4	-10	330	0.5	-2	0.16	-0.5	11	26	32	2.57	-10	-1	0.16	20	0.66	394	-1	0.01	17	180	7	-0
NA11905	590670	6998981	STEWART	LINLEY	20030612	3	0.3	2.55	-2	-10	330	-0.5	-2	0.43	-0.5	21	42	58	4.52	10	-1	0.89	10	1.73	906	-1	0.02	24	530	8	0.01
NA11906	590613	6998787	STEWART	LINLEY	20030612	-1	-0.2	3.31	-2	-10	360	-0.5	-2	0.59	-0.5	27	33	73	4.41	10	-1	0.85	-10	1.82	651	-1	0.03	17	1660	8	-0
NA11907	590485	6998634	STEWART	LINLEY	20030612	3	-0.2	1.82	3	-10	270	-0.5	-2	0.21	-0.5	13	22	34	3.89	10	-1	0.29	10	0.62	429	1	0.01	15	370	6	-0
NA11908	590400	6998444	STEWART	LINLEY	20030612	1	-0.2	2.66	-2	-10	290	-0.5	-2	0.3	-0.5	23	14	65	4.27	10	-1	0.53	10	1.55	311	-1	0.03	10	580	5	-0
NA11909	590335	6998236	STEWART	LINLEY	20030612	4	-0.2	2.32	6	-10	200	-0.5	-2	0.12	-0.5	12	27	19	3.12	-10	-1	0.08	10	0.51	215	1	0.02	19	240	11	0.12
NA11910	590225	6998037	STEWART	LINLEY	20030612	1	-0.2	2.84	-2	-10	260	0.5	-2	0.2	-0.5	6	9	22	3.29	10	-1	0.16	20	0.66	175	1	0.06	7	420	16	0.35
NA11911	590147	6997834	STEWART	LINLEY	20030612	4	0.3	2	7	-10	130	-0.5	-2	0.21	-0.5	13	25	30	3.26	10	-1	0.07	10	0.56	277	1	0.01	16	380	12	0.01
NA11912	590001	6997704	STEWART	LINLEY	20030612	1	0.2	2.58	-2	-10	250	0.8	-2	0.42	-0.5	16	15	24	4.87	10	-1	0.08	20	1.19	852	-1	0.01	11	730	10	-0
NA11913	589874	6997527	STEWART	LINLEY	20030612	2	-0.2	2.41	8	-10	170	-0.5	-2	0.2	-0.5	13	32	24	3.28	10	1	0.04	10	0.53	221	1	0.01	24	430	8	0.01
NA11914	589768	6997328	STEWART	LINLEY	20030612	3	-0.2	1.96	6	-10	150	-0.5	-2	0.23	-0.5	10	28	20	2.81	10	-1	0.03	10	0.43	226	1	0.01	18	240	11	0.01
NA11915	589567	6997183	STEWART	LINLEY	20030612	1	0.2	2.19	7	-10	150	-0.5	-2	0.25	-0.5	15	29	40	3.17	10	1	0.03	10	0.55	251	-1	0.02	21	290	11	-0
NA11916	589378	6997073	STEWART	LINLEY	20030612	2	-0.2	2.08	7	-10	170	0.5	-2	0.46	-0.5	18	55	81	3.03	10	-1	0.05	10	1.02	481	-1	0.02	29	420	29	-0
NA11917	589220	6996961	STEWART	LINLEY	20030612	1	-0.2	1.59	7	-10	120	-0.5	-2	0.12	-0.5	8	25	17	2.91	10	-1	0.03	10	0.34	207	1	0.01	15	390	13	0.01
NA11918	589048	6996844	STEWART	LINLEY	20030612	-1	0.2	2.07	2	-10	230	-0.5	-2	0.58	-0.5	19	12	81	4.28	10	-1	0.28	-10	0.64	445	-1	0.05	11	1070	8	0.01
NA11919	588849	6996729	STEWART	LINLEY	20030612	1	-0.2	1.76	5	-10	160	-0.5	-2	0.3	-0.5	12	17	21	2.63	-10	-1	0.03	-10	0.49	384	1	0.03	12	280	12	0.01
NA11920	588869	6996507	STEWART	LINLEY	20030612	2	-0.2	2.95	3	-10	50	-0.5	-2	0.99	-0.5	37	8	90	7.2	10	-1	0.05	-10	1.69	1080	-1	0.02	10	1120	29	-0
NA11921	588972	6996396	STEWART	LINLEY	20030612	1	-0.2	2.81	2	-10	120	-0.5	-2	0.83	-0.5	28	17	126	5.8	10	-1	0.05	10	1.3	599	-1	0.03	15	910	7	0.01
NA12107	591815	6997407	STEWART	FLEMING	20030612	4	-0.2	1.98	2	-10	170	-0.5	-2	0.38	-0.5	12	32	24	2.94	10	-1	0.11	10	0.8	305	-1	0.02	21	660	8	0.01
NA12108	591673	6997245	STEWART	FLEMING	20030612	1	-0.2	3.07	4	-10	210	0.5	-2	0.14	-0.5	19	32	28	4.35	10	-1	0.33	10	1.18	510	1	0.01	22	250	11	0.01
NA12110	591612	6997036	STEWART	FLEMING	20030612	3	-0.2	1.9	2	-10	250	-0.5	-2	0.35	-0.5	11	27	23	2.77	10	-1	0.04	10	0.68	347	-1	0.02	16	280	9	0.01
NA12111	591754	6996844	STEWART	FLEMING	20030612	1	-0.2	2.12	4	-10	210	-0.5	-2	0.17	-0.5	12	25	24	3.35	10	-1	0.19	-10	0.74	314	1	0.01	18	340	8	0.01
NA12112	591847	6996640	STEWART	FLEMING	20030612	-1	-0.2	2.78	5	-10	100	-0.5	-2	0.23	-0.5	20	32	14	4.2	10	1	0.17	-10	1.58	617	1	0.02	21	820	10	0.01
NA12113	591899	6996437	STEWART	FLEMING	20030612	-1	-0.2	3.25	8	-10	380	-0.5	-2	0.29	-0.5	21	78	11	4.37	10	-1	0.78	10	2.36	411	-1	0.02	29	230	6	0.01
NA12114	591946	6996231	STEWART	FLEMING	20030612	-1	-0.2	2.58	7	-10	590	-0.5	-2	0.23	0.6	15	21	41	5.51	10	-1	1.14	10	1.12	933	1	0.01	15	370	9	0.01
NA12115	592060	6996061	STEWART	FLEMING	20030612	2	-0.2	2.33	8	-10	370	-0.5	-2	0.29	-0.5	17	34	36	4.18	10	-1	0.59	20	0.94	401	1	0.02	29	250	8	0.01
NA12116	592092	6995847	STEWART	FLEMING	20030612	-1	-0.2	2.34	4	-10	540	0.5	-2	0.27	-0.5	13	40	32	4.04	10	-1	0.29	10	1.15	314	1	0.02	21	370	4	0.01
NA12117	592107	6995646	STEWART	FLEMING	20030612	4	0.5	1.28	3	-10	560	-0.5	-2	0.2	-0.5	8	23	10	2.11	-10	-1	0.08	10	0.35	203	1	0.01	13	120	8	0.01
NA12118	592200	6995489	STEWART	FLEMING	20030612	1	0.2	2.84	7	-10	170	0.6	-2	0.92	-0.5	19	15	28	4.67	10	-1	0.12	-10	0.76	713	1	0.03	11	360	6	0.03
NA12092	593566	6998636	STEWART	FLEMING	20030612	1	-0.2	2.51	9	-10	200	0.5	-2	0.14	-0.5	13	37	22	3.15	10	-1	0.04	10	0.5	370	1	0.01	22	270	8	0.01
NA12093	593368	6998653	STEWART	FLEMING	20030612	1	-0.2	2.21	9	-10	180	-0.5	-2	0.16	-0.5	14	29	20	3.42	10	-1	0.06	10	0.44	496	1	0.01	20	510	7	0.02
NA12094	593183	6998737	STEWART	FLEMING	20030612	1	-0.2	1.77	7	-10	140	-0.5	-2	0.16	-0.5	10	26	17	2.93	10	-1	0.07	10	0.46	326	1	0.01	16	380	6	0.01
NA12095	593010	6998820	STEWART	FLEMING	20030612	1	-0.2	1.04	7	-10	120	-0.5	-2	0.1	-0.5	5	19	14	2.36	10	-1	0.05	10	0.23	203	1	0.01	10	270	7	0.01
NA12096	592810	6998881	STEWART	FLEMING	20030612	1	-0.2	2.14	8	-10	420	-0.5	-2	0.23	-0.5	10	30	19	3.9	10	-1	0.1	10	0.51	428	1	0.01	19	350	10	0.01
NA12097	592616	6998915	STEWART	FLEMING	20030612	-1	-0.2	2.68	6	-10	170	-0.5	-2	0.1	-0.5	15	18	26	4.87	10	-1	0.22	10	0.41	720	1	0.01	11	370	8	0.01
NA12098	592420	6998956	STEWART	FLEMING	20030611	-1	-0.2	2.91	2	-10	380	-0.5	-2	0.25	-0.5	26	17	46	4.9	10	-1	0.64	-10	1.47	878	-1	0.02	12	350	3	0.01
NA12099	592226	6998906	STEWART	FLEMING	20030612	-1	-0.2	2.39	-2	-10	490	-0.5	-2	0.55	-0.5	20	18	63	4.3	10	-1	0.55	-10	1.07	728	-1	0.03	10	1220	7	0.01
NA11969	585054	7009124	STEWART	RYAN	20030611	-1	-0.2	2.26	4	-10	210	0.5	-2	0.06	0.5	8	41	54	4.96	10	-1	0.53	100	0.71	117	4	0.09	9	1110	16	0.65
NA11970	585229	7009198	STEWART	RYAN	20030611	4	-0.2	1.91	11	-10	190	-0.5	-2	0.1	0.7	8	33	15	3.48	10	-1	0.03	10	0.37	202	1	0.01	15	460	14	0.02
NA11971	585407	7009299	STEWART	RYAN	20030611	6	-0.2	1.87	5	-10	1540	-0.5	-2	0.22	0.5	11	34	36	2.82	10	-1	0.03	10	0.5	358	2	0.02	27	630	17	0.02
NA11972	585587	7009387	STEWART	RYAN	20030611	1	-0.2	2.42	-2	-10	740	-0.5	-2	0.13	0.6	10	12	98	6.4	10	-1	0.79	20	0.8	563	1	0.04	7	500	8	0.29
NA11973	585778	7009463	STEWART	RYAN	20030611	1	-0.2	2.31	9	-10	220	-0.5	-2	0.11	0.8	10	18	47	4.65	10	-1	0.36	10	0.54	518	1	0.01	10	420	7	0.01
NA11974	585941	7009581	STEWART	RYAN	20030611	-1	-0.2	2.1	3	-10	140	-0.5	-2	0.55	-0.5	20	6	10	4.81	10	-1	0.18	10	1.07	260	-1	0.04	4	790	4	-0
NA11975	586145	7009592	STEWART	RYAN	20030611	-1	-0.2	2.02	7	-10	140	-0.5	-2	0.31	-0.5	15	17	99	3.43	10	-1	0.04	10	0.8	274	-1	0.03	10	560	6	-0
NA11976	586321	7009713	STEWART	RYAN	20030611	-1	-0.2	2.67	10	-10	300	0.7	-2	0.26	-0.5	18	178	42	4.12	10	-1	0.09	30	1.12	383	1	0.01	49	360	9	-0
NA11977	586492	7009832	STEWART	RYAN	20030611	1	-0.2	1.94	5	-10	230	0.6	-2	0.18	-0.5	8	18	11	3.04	10	-1	0.15	50	0.65	390	1	0.01	8	130	5	-0
NA11978	586689	7009834	STEWART	RYAN	20030611	2	-0.2	1.96	8	-10	250	-0.5	-2	0.19	-0.5	10	27	46	2.9	10	-1	0.04	10	0.56	354	-1	0.01	16	290	6	0.01
NA11979	586886	7009840	STEWART	RYAN	20030611	-1	-0.2	2.4	3	-10	390	-0.5	-2	0.38	-0.5	18	13	130	4.43	10	-1	0.39	10	0.82	580	-1	0.02	6	370	3	0.01
NA11980	587082	7009796	STEWART	RYAN	20030611	1	-0.2	2.82	6	-10	240	-0.5	-2	0.1	-0.5	17	17	10	4.15	10	-1	0.28	10	1.25	480	1	0.01	9	290	6	0.01
NA11981	587270	7009731	STEWART	RYAN	20030611	1	-0.2	2.16	9	-10	140	-0.5	-2	0.15	-0.5	14	29	17	3.55	10	-1	0.08	10	0.79	285	1	0.01	21	270	8	0.01
NA11982	587474	7009774	STEWART	RYAN	20030611	-1	-0.2	2.19	18	-10	340	0.5	-2	0.22	0.5	10	26	75	4.17	10	-1	0.21	10	0.52	417	2	0.01	16	290	9	0.05

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA11886	-2	2	14	0.09	-10	-10	64	-10	39	BN		10	I		A	H	H	F	ALV	P		L	
NA11887	2	3	15	0.08	-10	-10	65	-10	52	BN		15	I		B	M	H	G	COL	N		M	
NA11888	-2	5	15	0.1	-10	-10	50	-10	60	BN		20	I		B	H	H	G	COL	N		M	
NA11889	2	2	17	0.09	-10	-10	59	-10	56	BN		20	I		B	M	H	F	ALV	N		H	
NA11890	-2	2	13	0.06	-10	-10	46	-10	33	BN		10	I		A	M	H	M	COL	P		L	
NA11891	2	3	46	0.22	-10	-10	90	-10	63	BN		30	I		C	L	M	M	COL	N		H	
NA11892	-2	3	22	0.08	-10	-10	61	-10	74	BN		25	I		B	M	M	M	COL	N		M	
NA11893	-2	2	13	0.08	-10	-10	68	-10	54	BN		25	I		B	H	H	M	COL	N		L	
NA11894	-2	2	18	0.09	-10	-10	60	-10	40	BN		15	I		A	H	H	M	COL	N		L	
NA11900	-2	13	121	0.13	-10	-10	135	-10	45	GY		8	I		C	L	L	G	BDR	N		H	
NA11901	2	9	31	0.06	-10	-10	73	-10	23	BN		4	I		C	L	L	G	BDR	N		H	
NA11902	-2	6	23	0.09	-10	-10	76	-10	39	BN		30	I		C	L	M	G	BDR	N		M	
NA11903	-2	11	16	0.03	-10	-10	104	-10	98	BN		30	I		C	M	M	G	BDR	N		H	
NA11904	-2	5	17	0.11	-10	-10	46	-10	56	BN		30	I		C	L	L	G	BDR	N		H	
NA11905	-2	8	25	0.24	-10	-10	131	-10	78	BN		60	I		C	L	M	G	BDR	N		H	
NA11906	2	4	27	0.36	-10	-10	122	-10	98	BN		30	I		C	L	L	G	BDR	N		H	
NA11907	-2	11	18	0.13	-10	-10	67	-10	78	BN		40	I		C	L	L	G	BDR	N		H	
NA11908	-2	7	14	0.3	-10	-10	167	-10	90	BN		30	I		C	L	L	G	BDR	N		H	
NA11909	-2	3	21	0.07	-10	-10	52	-10	55	BN		10	I		C	L	L	G	BDR	N		H	
NA11910	-2	4	91	0.06	-10	-10	29	-10	59	BN		30	I		C	L	L	G	BDR	N		H	
NA11911	-2	3	15	0.1	-10	-10	88	-10	72	BN		10	I		C	L	L	G	BDR	N		H	
NA11912	2	9	19	0.02	-10	-10	64	-10	64	BN		40	I		C	L	L	G	BDR	N		H	
NA11913	-2	4	19	0.08	-10	-10	69	-10	50	BN		15	I	1	C	M	M	S	BDR	N		M	
NA11914	-2	5	19	0.07	-10	-10	70	-10	41	BN		20	I	1	C	M	H	M	BDR	N		M	
NA11915	2	4	16	0.1	-10	-10	78	-10	43	BN		30	I		C	M	H	G	BDR	N		H	
NA11916	2	7	33	0.17	-10	-10	85	-10	48	BN		32	I	1	C	M	H	S	BDR	N		H	
NA11917	-2	1	13	0.08	-10	-10	77	-10	35	BN		20	I	2	C	M	M	S	BDR	N		M	
NA11918	-2	7	14	0.22	-10	-10	147	-10	55	BN		30	I		C	L	L	M	BDR	N		H	
NA11919	2	3	17	0.08	-10	-10	75	-10	48	BN		7	I	1	C	L	L	G	BDR	N		H	
NA11920	2	19	50	0.39	-10	-10	249	-10	163	BN		85	I		C	L	L	S	COL	N		H	
NA11921	-2	15	51	0.16	-10	-10	187	-10	83	BN		50	I		C	L	L	S	COL	N		H	
NA12107	-2	4	26	0.14	-10	-10	70	-10	61	BN	QE	0.5	M	5	B	M	H	M	BDR	S		M	
NA12108	2	5	14	0.16	-10	-10	107	-10	81	OR	QU	0.3	M	5	C	L	M	G	BDR	N		M	
NA12110	2	5	26	0.08	-10	-10	67	-10	50	BN	QE	0.3	M	5	B	H	H	G	COL	N		M	
NA12111	-2	3	15	0.14	-10	-10	69	-10	57	BN	QE	0.4	M		C	L	L	G	BDR	N		H	
NA12112	-2	2	20	0.26	-10	-10	114	-10	100	OR	QB	0.1	M		C	L	L					M	
NA12113	-2	10	22	0.16	-10	-10	106	-10	65	BN	QE	0.5	M		C	L	L	M	BDR	N		H	
NA12114	-2	12	17	0.25	-10	-10	100	-10	153	BN	QE	0.5	M		C	L	L	M	COL	N		H	
NA12115	-2	10	19	0.17	-10	-10	96	-10	54	BN	QE	0.6	M		C	L	L	S	BDR	N		H	
NA12116	-2	8	20	0.08	-10	-10	98	-10	59	OR	QU	0.4	M		C	L	L	S	COL	N		H	
NA12117	-2	3	18	0.05	-10	-10	49	-10	38	OR	QU	0.3	M	5	C	L	L	S	COL	N		M	
NA12118	-2	12	58	0.11	-10	-10	105	-10	83			0										M	
NA12092	-2	4	15	0.08	-10	-10	75	-10	54	BN	QB	0.3	M	5	C	M	H	F	BDR	N		M	
NA12093	-2	4	13	0.07	-10	-10	72	-10	60	OR	QU	0.3	M	5	C	M	H	G	BDR	N		M	
NA12094	-2	4	13	0.09	-10	-10	59	-10	59	OR	QU	0.4	M	5	C	M	H	G	BDR	N		M	
NA12095	-2	2	11	0.08	-10	-10	63	-10	42	OR	QU	0.3	M	10	C	M	M	G	BDR	N		M	
NA12096	-2	6	20	0.09	-10	-10	69	-10	79	OR	QU	0.3	M	5	C	M	M	G	BDR	N		M	
NA12097	-2	13	10	0.06	-10	-10	40	-10	149	OR	QE	0.4	M	5	C	L	L	F	BDR	N		H	
NA12098	-2	6	17	0.24	-10	-10	125	-10	104	OR	QU	0.4	M		C	L	L	G	BDR	N		H	
NA12099	-2	8	24	0.14	-10	-10	120	-10	123	OR	QU	0.6	M		C	L	L	F	BDR	N		H	
NA11969	-2	3	37	0.11	-10	-10	65	-10	50	BN		0.4	M		C	L	L	F	BDR	N	SCH	H	RUSTY QUARTZ MUSCOVITE SCH ORANGE BROWN SOIL
NA11970	-2	2	11	0.09	-10	-10	78	-10	48	OR		10	M	10	B	M	M	M	COL	N	SCH	M	RUSTY QUARTZ MICA SCH SOIL ORANGE / BROWN ROCKY AREA
NA11971	-2	5	27	0.07	-10	-10	70	-10	76	BN		30	M	10	C	M	M	M	COL	S		M	
NA11972	-2	15	21	0.2	-10	-10	42	-10	268	OR		0.5	M		C	L	L	M	COL	N	SCH	H	RUSTY QUARTZ MICA SCH
NA11973	-2	4	11	0.11	-10	-10	35	-10	301	BN		0.5	M		C	L	L	M		N		H	
NA11974	-2	8	20	0.21	-10	-10	159	-10	38	BK		0.5	M		C	L	L	F	BDR	N	AMP	H	AMPHIBOLITE? SOIL BLUISH/BROWN SOME ORANGE RUST COLOUR
NA11975	-2	5	11	0.16	-10	-10	125	-10	34	BK		0.4	M		C	L	L	F	BDR	N	AMP	H	AMPHIBOLITE SOIL IS BLUISH/BROWN
NA11976	-2	11	22	0.08	-10	-10	98	-10	66	OR		0.5	M		C	L	L	F	BDR	N	QZT	H	QUARTZ ROCK IN HOLE ORANGE/BROWN SOIL
NA11977	-2	7	18	0.08	-10	-10	46	-10	53	OR		0.5	M		C	L	M	F	BDR	N	SCH	H	QUARTZ MUSCOVITE SCH
NA11978	-2	4	15	0.08	-10	-10	67	-10	66	BN		0.5	M		C	L	L	F	BDR	N	AMP	H	QUARTZ - AMPHIB
NA11979	-2	6	29	0.32	-10	-10	78	-10	70	BN		0.5	M		C	L	L	F	BDR	N		H	NO ROCKS
NA11980	-2	12	9	0.18	-10	-10	72	-10	55	OR		0.4	M		C	L	L	F	BDR	N	SCH	H	ORANGE/BROWN SOIL QUARTZ BIOTITE SCHIST
NA11981	-2	4	15	0.12	-10	-10	92	-10	56	BN		0.4	M		C	L	M	M	BDR	S	AMP	H	QUARTZ BIOTITE WITH AMPHIBOLITE OUTCROP 25M UP HILL
NA11982	-2	6	19	0.12	-10	-10	56	-10	93	OR		0.25	M	10	C	M	M	F	BDR	S	AMP	M	ORANGE BROWN SOIL ROCK AMPHIBOLITE?

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA13152	590186	7002353	STEWART	LINLEY	20030622	4	-0.2	2.42	9	-10	180	-0.5	-2	0.17	-0.5	11	37	21	3.6	10	-1	0.05	10	0.55	258	1	0.01	23	170	8	0.01
NA13153	590210	7002555	STEWART	LINLEY	20030622	-1	-0.2	2.29	4	-10	530	0.8	-2	0.48	-0.5	15	23	46	5.09	10	-1	0.6	20	1.14	802	1	0.02	15	710	7	0.01
NA13154	590282	7002746	STEWART	LINLEY	20030622	-1	-0.2	3.51	-2	-10	480	-0.5	-2	0.47	-0.5	26	41	62	6.72	10	1	1.46	-10	2.86	946	-1	0.03	13	1090	9	0.01
NA13155	590291	7002942	STEWART	LINLEY	20030622	9	-0.2	2.64	8	-10	210	-0.5	-2	0.21	-0.5	17	38	39	4.13	10	-1	0.2	10	0.92	376	1	0.02	23	420	7	0.01
NA13156	590374	7003128	STEWART	LINLEY	20030622	6	-0.2	2.82	3	-10	440	0.5	2	0.46	-0.5	26	73	83	6.39	10	1	1.14	20	1.69	1285	-1	0.02	21	1270	5	0.01
NA13157	590528	7003274	STEWART	LINLEY	20030622	2	-0.2	2.54	11	-10	170	0.5	-2	0.12	-0.5	12	33	24	4.17	10	-1	0.08	10	0.51	325	1	0.01	20	230	11	0.01
NA13158	590679	7003408	STEWART	LINLEY	20030622	1	-0.2	1.11	3	-10	140	1.5	-2	0.22	-0.5	7	9	16	4.24	10	-1	0.09	10	0.24	541	-1	0.01	6	120	6	-0
NA13045	589324	6984328	STEWART	LINLEY	20030620	4	-0.2	1.94	7	-10	200	-0.5	-2	0.42	-0.5	12	36	32	3.26	10	-1	0.17	30	0.74	282	-1	0.02	31	740	10	0.01
NA13046	589206	6984172	STEWART	LINLEY	20030620	9	-0.2	1.87	14	-10	150	-0.5	-2	0.38	-0.5	13	33	39	3.66	10	-1	0.25	50	0.73	379	1	0.02	30	290	17	0.01
NA13047	589347	6984020	STEWART	LINLEY	20030620	1	-0.2	1.41	27	-10	130	0.5	-2	0.26	-0.5	10	25	17	3.28	-10	-1	0.14	20	0.46	229	-1	0.01	20	310	51	0.01
NA13048	589411	6983834	STEWART	LINLEY	20030620	-1	-0.2	1.56	7	-10	120	0.6	-2	0.21	-0.5	13	21	23	3.68	-10	1	0.17	40	0.33	263	-1	0.01	33	370	16	0.01
NA13049	589444	6983630	STEWART	LINLEY	20030620	-1	-0.2	2.21	11	-10	140	0.5	-2	0.27	-0.5	17	35	52	4.3	10	-1	0.41	20	0.83	323	-1	0.01	42	450	11	0.01
NA10878	589511	6983427	STEWART	LINLEY	20030620	-1	-0.2	2.14	6	-10	200	-0.5	2	0.43	-0.5	15	62	24	3.73	10	-1	0.2	10	1.19	420	-1	0.01	38	310	6	0.01
NA10879	589539	6983229	STEWART	LINLEY	20030620	5	0.3	1.21	5	-10	210	0.6	-2	6	-0.5	11	23	49	2.63	-10	-1	0.11	20	0.57	319	-1	0.02	28	500	9	0.02
NA10880	589634	6983055	STEWART	LINLEY	20030620	1	-0.2	1.88	4	-10	170	0.6	-2	0.42	-0.5	18	31	46	4.06	10	-1	0.44	50	0.74	290	1	0.01	36	1010	11	0.01
NA10881	589755	6982885	STEWART	LINLEY	20030620	4	-0.2	1.9	4	-10	190	-0.5	-2	0.31	-0.5	15	30	19	3.13	10	-1	0.16	20	0.71	355	1	0.02	26	660	8	0.01
NA10882	589850	6982704	STEWART	LINLEY	20030620	1	-0.2	1.75	4	-10	160	0.6	-2	0.35	-0.5	15	31	33	3.37	10	-1	0.24	40	0.67	394	1	0.01	33	510	11	0.01
NA10883	589913	6982516	STEWART	LINLEY	20030620	-1	-0.2	1.79	6	-10	150	-0.5	-2	0.3	-0.5	12	37	34	3.31	10	-1	0.46	40	0.89	170	1	0.02	32	620	12	-0
NA10884	589957	6982320	STEWART	LINLEY	20030620	2	-0.2	1.75	10	-10	180	0.6	-2	0.4	-0.5	23	33	41	3.2	10	-1	0.33	40	0.88	409	1	0.01	53	510	10	0.02
NA10885	589963	6982117	STEWART	LINLEY	20030620	10	-0.2	2.15	91	-10	270	0.8	-2	7.01	0.5	15	80	56	3.91	10	-1	0.15	20	2.12	745	-1	0.03	63	990	11	0.03
NA13032	591026	6985743	STEWART	LINLEY	20030620	1	-0.2	2.94	3	-10	380	-0.5	-2	0.72	-0.5	21	134	49	5.29	10	-1	1.2	20	1.79	245	1	0.03	62	2760	6	0.36
NA13033	590854	6985631	STEWART	LINLEY	20030620	5	-0.2	2.39	9	-10	200	-0.5	-2	0.26	-0.5	17	40	36	3.77	10	-1	0.48	20	0.9	309	-1	0.02	40	500	9	0.04
NA13034	590658	6985560	STEWART	LINLEY	20030620	1	-0.2	2.33	4	-10	90	0.5	-2	0.13	-0.5	17	39	37	4.01	10	-1	0.28	10	0.91	300	-1	0.01	36	240	14	0.01
NA13035	590462	6985492	STEWART	LINLEY	20030620	1	-0.2	3.3	6	-10	150	0.6	-2	0.21	-0.5	21	83	62	4.62	10	-1	0.46	20	1.46	282	-1	0.01	66	180	9	0.02
NA13036	590273	6985445	STEWART	LINLEY	20030620	7	-0.2	1.79	4	-10	150	-0.5	-2	0.28	-0.5	15	33	29	3.27	10	1	0.31	40	0.84	265	-1	0.01	32	520	7	0.02
NA13037	590071	6985421	STEWART	LINLEY	20030620	-1	-0.2	2.08	6	-10	150	-0.5	-2	0.21	-0.5	17	33	37	3.79	10	1	0.38	20	0.76	457	1	0.01	35	650	12	0.02
NA13039	589894	6985331	STEWART	LINLEY	20030620	-1	-0.2	1.66	5	-10	100	-0.5	-2	0.12	-0.5	12	26	14	3.03	10	-1	0.09	10	0.45	314	1	0.02	16	230	8	0.01
NA13040	589803	6985163	STEWART	LINLEY	20030620	7	-0.2	2.49	2	-10	130	0.5	-2	0.14	-0.5	17	34	42	4.95	10	-1	1.08	40	0.95	250	1	0.01	34	470	12	-0
NA13041	589785	6984965	STEWART	LINLEY	20030620	-1	-0.2	3.17	4	-10	150	0.5	-2	0.26	0.5	21	179	47	5.16	10	-1	1.74	110	2.22	513	1	0.01	72	510	10	0.16
NA13159	590850	7003510	STEWART	LINLEY	20030622	1	-0.2	2.06	8	-10	180	0.7	-2	0.2	-0.5	10	34	25	3.49	10	-1	0.06	10	0.48	370	1	0.01	19	140	12	0.01
NA13160	591009	7003634	STEWART	LINLEY	20030622	1	-0.2	2.47	7	-10	170	1	-2	0.13	-0.5	14	20	61	5.69	10	-1	0.29	20	0.81	566	1	0.02	14	410	5	0.01
NA13161	591194	7003704	STEWART	LINLEY	20030622	1	-0.2	2.25	5	-10	250	1.2	-2	0.34	-0.5	16	16	39	6.93	10	1	0.12	10	0.64	788	1	0.01	11	420	10	0.01
NA13163	591386	7003788	STEWART	LINLEY	20030622	2	-0.2	2.27	5	-10	210	-0.5	-2	1.95	-0.5	24	10	122	4.67	10	-1	0.16	10	1.46	790	-1	0.09	12	650	2	0.01
NA13164	591502	7003882	STEWART	LINLEY	20030622	-1	-0.2	1.51	5	-10	130	-0.5	-2	0.44	-0.5	10	23	40	2.63	-10	-1	0.05	10	0.55	250	-1	0.02	16	500	7	0.02
NA13166	588655	7002164	STEWART	LINLEY	20030622	2	-0.2	2.02	9	-10	120	-0.5	-2	0.17	-0.5	10	29	20	4.1	10	-1	0.07	10	0.52	408	1	0.01	19	390	10	0.02
NA13167	588850	7002219	STEWART	LINLEY	20030622	1	-0.2	2.4	12	-10	170	-0.5	-2	0.16	-0.5	11	34	39	4.29	10	-1	0.05	10	0.53	291	1	0.01	19	220	15	0.01
NA13168	588991	7002356	STEWART	LINLEY	20030622	5	-0.2	1.63	6	-10	140	-0.5	-2	0.22	-0.5	10	28	22	3.19	10	-1	0.05	20	0.61	420	-1	0.01	18	250	9	0.01
NA13169	589124	7002513	STEWART	LINLEY	20030622	4	-0.2	2.23	7	-10	160	0.6	-2	0.18	-0.5	11	34	32	3.67	10	-1	0.05	10	0.65	368	1	0.01	22	240	25	0.01
NA13170	589240	7002681	STEWART	LINLEY	20030622	1	-0.2	2.03	7	-10	170	-0.5	-2	0.2	-0.5	10	28	23	3.89	10	-1	0.16	20	0.65	514	1	0.01	17	390	6	0.01
NA13171	589261	7002882	STEWART	LINLEY	20030622	10	-0.2	2.13	8	-10	150	0.5	-2	0.21	-0.5	11	30	24	3.56	10	-1	0.06	10	0.54	458	1	0.01	19	330	13	0.01
NA13172	589291	7003079	STEWART	LINLEY	20030622	-1	-0.2	3.88	-2	-10	230	-0.5	-2	0.65	-0.5	26	5	92	5.92	10	-1	0.87	-10	1.64	536	-1	0.04	17	290	36	-0
NA13173	589464	7003176	STEWART	LINLEY	20030622	1	-0.2	1.9	4	-10	160	0.5	-2	0.54	-0.5	13	21	69	3.5	10	-1	0.22	20	0.91	520	-1	0.03	14	340	10	0.01
NA13174	589638	7003258	STEWART	LINLEY	20030622	3	-0.2	1.89	6	-10	140	-0.5	-2	0.43	-0.5	12	25	32	3.15	10	-1	0.08	10	0.68	329	-1	0.02	15	300	9	0.01
NA13175	589813	7003393	STEWART	LINLEY	20030622	3	-0.2	1.57	7	-10	230	-0.5	-2	1.17	-0.5	11	28	32	2.82	-10	-1	0.08	10	0.78	348	-1	0.05	25	720	7	0.01
NA13250	577074	7009433	STEWART	ROBINSON	20030622	2	-0.2	1.66	5	-10	210	-0.5	-2	0.42	-0.5	11	20	28	3.15	10	1	0.27	10	0.7	947	-1	0.02	14	420	5	0.01
NA13252	579072	7010662	STEWART	ROBINSON	20030622	2	-0.2	1.97	6	-10	110	-0.5	-2	0.27	-0.5	13	56	51	2.56	-10	-1	0.04	-10	0.83	314	-1	0.02	42	200	5	-0
NA13042	589626	6984837	STEWART	LINLEY	20030620	3	-0.2	2.49	8	-10	270	0.5	-2	0.27	-0.5	17	42	34	3.81	10	-1	0.15	30	0.73	462	1	0.02	33	260	15	0.01
NA13043	589535	6984663	STEWART	LINLEY	20030620	3	-0.2	2.99	4	-10	280	0.5	-2	0.69	-0.5	22	100	108	5.83	10	-1	0.72	60	1.27	265	-1	0.02	55	2270	9	0.13
NA13044	589444	6984483	STEWART	LINLEY	20030620	-1	-0.2	2.07	-2	-10	140	0.7	2	0.26	-0.5	21	28	43	4.87	10	-1	0.34	20	0.97	246	-1	0.01	33	530	23	-0

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA13152	-2	4	18	0.11	-10	-10	75	-10	64	BN	QL	0.2	M		B	H	H	G	BDR	N		M	
NA13153	-2	16	37	0.17	-10	-10	80	-10	140	BN	QL	0.55	M		C	L	L	M	BDR	N		H	WITH ORANGE HUE
NA13154	-2	14	23	0.37	-10	-10	172	-10	173	RD	QD	0.45	M		C	L	L	M	BDR	N		H	
NA13155	2	5	18	0.17	-10	-10	89	-10	75	BN	QL	0.25	M		C	M	M	M	BDR	N		H	
NA13156	-2	31	19	0.2	-10	-10	118	-10	119	GN	QD	0.55	M		C	L	L	M	BDR	N		H	
NA13157	-2	7	14	0.09	-10	-10	65	-10	72	BN	QL	0.22	M		B	M	M	F	BDR	N		M	
NA13158	2	11	20	0.02	-10	-10	31	-10	105	OR	QB	0.48	M		C	L	L	G	BDR	N		H	
NA13045	-2	5	28	0.12	-10	-10	58	-10	62	BN	QL	0.65	M		C	H	H	M	BDR	N		H	
NA13046	-2	7	25	0.14	-10	-10	57	-10	74	OR	QD	0.6	M		C	L	L	S	BDR	N		H	
NA13047	-2	3	16	0.06	-10	-10	44	-10	182	OR	QL	0.35	M		C	L	L	S	BDR	N		H	
NA13048	-2	3	16	0.04	-10	-10	33	-10	88	OR	QD	0.2	M		C	L	L	S	BDR	N		H	
NA13049	-2	4	17	0.1	-10	-10	46	-10	86	OR	QD	0.3	M		C	L	L	S	BDR	N		H	
NA10878	2	4	25	0.19	-10	-10	75	-10	65	OR	QD	0.25	M		C	L	L	S	BDR	N		H	
NA10879	-2	4	98	0.04	-10	-10	32	-10	55	BK	QL	0.9	M		C	H	H	S	BDR	N		H	
NA10880	-2	5	21	0.1	-10	-10	46	-10	86	OR	QL	0.35	M		C	L	L	S	BDR	N		H	
NA10881	-2	4	22	0.09	-10	-10	49	-10	84	RD	QE	0.25	M		C	L	L	S	BDR	N		H	
NA10882	-2	5	21	0.08	-10	-10	44	-10	76	OR	QD	0.3	M		C	L	L	S	BDR	N		H	
NA10883	-2	5	19	0.13	-10	-10	49	-10	58	OR	QD	0.35	M		C	L	L	S	BDR	N		H	
NA10884	-2	4	25	0.08	-10	-10	50	-10	107	BN		0.2	M		C	L	L	S	BDR	N		H	
NA10885	2	7	126	0.19	-10	-10	70	-10	122	OR	QL	0.95	M		C	L	L	G	BDR	N		H	
NA13032	-2	7	41	0.24	-10	-10	92	-10	95	BN	QL	0.3	M		C	L	L	S	BDR	N			
NA13033	-2	4	22	0.15	-10	-10	52	-10	86	BN	QL	0.38	M		C	L	L	S	BDR	N		H	
NA13034	-2	5	12	0.11	-10	-10	46	-10	82	OR	QL	0.35	M		C	L	L	S	BDR	N		H	BROWN HUES ALSO
NA13035	2	5	20	0.23	-10	-10	73	-10	83	OR	QL	0.35	M		C	L	L	S	BDR	N		H	BROWN HUES ALSO
NA13036	-2	4	21	0.14	-10	-10	50	-10	74	BN	QD	0.25	M	1	B	M	H	M	BDR	N		M	
NA13037	-2	4	16	0.13	-10	-10	46	-10	71	BN	QL	0.4	M		C	L	L	M	BDR	N		H	
NA13039	-2	2	12	0.13	-10	-10	59	-10	53	BN	QD	0.1	M	1	B	M	H	S	BDR	N		M	
NA13040	-2	5	9	0.23	-10	-10	32	-10	97	OR	QL	0.5	M		C	L	L	M	BDR	N		H	
NA13041	-2	7	42	0.41	-10	-10	74	-10	116	OR	QD	0.6	M		C	L	L	S	BDR	N		H	
NA13159	-2	6	21	0.08	-10	-10	60	-10	76	OR	QD	0.3	M		B	M	M	M	BDR	N		M	
NA13160	-2	24	13	0.12	-10	-10	68	-10	83	OR	QD	0.4	M		C	L	L	M	BDR	N		H	
NA13161	-2	24	27	0.05	-10	-10	59	-10	138	OR	QB	0.48	M		C	L	L	M	BDR	N		H	
NA13163	-2	10	79	0.25	-10	-10	135	-10	69	GY	QD	0.5	M		C	L	L	S	BDR			H	
NA13164	-2	4	31	0.09	-10	-10	59	-10	44	BN	QD	0.05	M	5	A	H	H	S	COL	P		L	
NA13166	-2	5	16	0.08	-10	-10	65	-10	75	RD	QL	0.2	M		B	M	M	G	BDR	N		M	
NA13167	-2	5	17	0.12	-10	-10	82	-10	87	OR	QD	0.15	M		B	H	M	G	BDR	N		M	
NA13168	-2	6	20	0.1	-10	-10	55	-10	67	BN	QD	0.2	M	1	B	H	M	G	BDR	N		M	
NA13169	-2	6	18	0.12	-10	-10	72	-10	71	BN	QE	0.15	M		B	M	M	M	BDR	N		M	
NA13170	-2	8	18	0.13	-10	-10	62	-10	83	OR	QD	0.55	M		C	L	L	S	BDR	N		H	
NA13171	-2	5	19	0.09	-10	-10	65	-10	128	BN	QD	0.4	M	3	A	L	M	S	BDR	N		L	
NA13172	-2	8	52	0.37	-10	-10	210	-10	149	RD	QD	0.55	M		C	L	L	M	BDR	N		H	WITH GREY TONES
NA13173	-2	10	35	0.11	-10	-10	62	-10	100	GY	QD	0.55	M		C	L	L	S	BDR	P		H	WITH ORANGE TONES
NA13174	-2	6	38	0.14	-10	-10	79	-10	60	BN	QD	0.25	M	1	B	M	H	S	BDR	N		M	
NA13175	-2	5	53	0.12	-10	-10	60	-10	63	GY	QD	0.3	M		B	H	H	M	COL	P		L	WITH BROWN TONES
NA13250	-2	9	20	0.11	-10	-10	58	-10	62			0											
NA13252	-2	4	9	0.17	-10	-10	58	-10	33	BN	QU	0.4	M	0	B	L	L	F	BDR	N		H	
NA13042	-2	5	23	0.13	-10	-10	66	-10	70	OR	QD	0.22	M	0	C	L	L	G	BDR	N		H	
NA13043	-2	7	50	0.26	-10	-10	81	-10	83	OR		0.35	M		C	L	L	M	BDR	N		H	WITH PINK AND BROWN HUES
NA13044	-2	10	15	0.12	-10	-10	65	-10	120	OR	QD	0.6	M		C	L	L	S	BDR	N		H	
NA12732	-2	3	60	0.24	-10	-10	57	-10	54	BN	QD	0.4	M		C	L	L	G	BDR	N		H	
NA12733	-2	5	28	0.16	-10	-10	126	-10	106	BN	QE	0.3	M	5	C	L	L	F	BDR	N		H	MED. OR-BN
NA12734	-2	4	34	0.11	-10	-10	38	-10	79	OR	QE	0.5	M		C	L	L	G	BDR	N		H	LT OR-BN
NA12735	-2	7	65	0.22	-10	-10	184	-10	213	BN	QE	0.3	M		C	L	L	M	BDR	N		H	MED. OR-BN W/ GY-BL
NA12736	-2	8	26	0.13	-10	-10	94	-10	116	BN	QE	0.5	M		C	L	L	M	BDR	N		H	MED. OR-BN
NA12737	-2	4	35	0.15	-10	-10	67	-10	117	BN	QU	0.4	M		C	L	L	M	COL	N		H	LT DULL BN
NA12738	2	5	47	0.21	-10	-10	112	-10	104	BN	QE	0.5	M		C	L	L	M	COL	N		H	MED. OR-BN
NA12739	-2	7	29	0.06	-10	-10	99	-10	167	OR	QE	0.5	M		C	L	L	M	BDR	N		H	BRIGHT OR-BN
NA12740	-2	13	32	0.05	-10	-10	75	-10	232	OR	QL	0.5	M		C	L	L	M	COL	N		H	LT-OR-BN
NA12741	-2	7	28	0.09	-10	-10	55	-10	57	OR	QD	0.4	M	5	C	M	L	S	COL	N		M	OR-BN
NA12742	-2	9	50	0.07	-10	-10	49	-10	71	OR	QE	0.4	M	0	C	L	L	S	COL	N		H	OR-BN
NA12723	-2	4	25	0.12	-10	-10	64	-10	74	BN	QB	0.3	M	10	C	M	H	F	BDR	S		M	OR-BN FINES W/ Rx
NA12724	-2	4	20	0.12	-10	-10	56	-10	80	OR	QL	0.5	M		C	L	L	G	BDR	N		H	
NA12725	-2	5	24	0.18	-10	-10	69	-10	93	OR	QE	0.4	M		C	L	L	G	BDR	N		H	MED- BRT. OR-BN
NA12726	-2	5	22	0.09	-10	-10	72	-10	75	BN	QE	0.5	M	5	C	M	M	G	BDR	N		M	
NA12727	-2	5	23	0.14	-10	-10	79	-10	67	BN	QE	0.4	M		C	M	L	G	BDR	N		M	OR-BN FINES+M IN SL
NA13591	2	6	21	0.12	-10	-10	87	-10	63	OL	QB	0.3	M	5	B	M	M	G	BDR	N		M	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA13592	578015	7010612	STEWART	ROBINSON	20030622	6	-0.2	2.53	8	-10	250	-0.5	2	0.33	-0.5	15	41	89	3.62	10	-1	0.06	10	0.84	314	1	0.02	25	330	10	0.01
NA13593	577970	7010416	STEWART	ROBINSON	20030622	2	-0.2	2.07	4	-10	250	-0.5	-2	0.51	-0.5	15	39	102	3.27	10	-1	0.05	10	0.93	510	-1	0.03	25	550	8	-0
NA13594	577868	7010240	STEWART	ROBINSON	20030622	2	-0.2	0.73	-2	-10	80	-0.5	-2	0.21	-0.5	8	83	26	1.05	-10	1	0.02	10	0.67	132	-1	0.02	31	240	6	-0
NA13595	577795	7010054	STEWART	ROBINSON	20030622	-1	-0.2	1.88	2	-10	320	-0.5	-2	0.42	-0.5	14	31	85	2.75	10	-1	0.25	-10	1.24	222	-1	0.03	18	560	5	-0
NA13596	577705	7009874	STEWART	ROBINSON	20030622	3	-0.2	2.07	5	-10	510	0.5	-2	0.48	0.5	19	36	139	4.23	10	-1	0.31	10	1.16	375	-1	0.03	26	500	11	0.01
NA13597	577616	7009695	STEWART	ROBINSON	20030622	2	-0.2	1.24	4	-10	120	-0.5	-2	0.28	-0.5	11	27	54	2.14	-10	-1	0.07	10	0.44	138	1	0.02	24	300	8	0.01
[redacted]	[redacted]	[redacted]	STEWART	FLEMING	20030617	5	-0.2	2.04	11	-10	150	0.7	-2	0.13	-0.5	21	43	134	4.33	10	-1	0.47	10	0.85	1255	2	0.01	94	520	8	0.02
[redacted]	[redacted]	[redacted]	STEWART	FLEMING	20030617	1	0.2	1.64	6	-10	190	-0.5	-2	0.26	-0.5	13	41	36	3.07	-10	-1	0.18	10	0.61	288	1	0.01	44	830	3	0.02
NA13253	579074	7010459	STEWART	ROBINSON	20030622	1	-0.2	1.96	8	-10	140	0.6	-2	0.14	-0.5	12	37	50	3.93	10	-1	0.14	30	0.48	208	1	0.01	44	550	7	0.01
NA13254	579112	7010261	STEWART	ROBINSON	20030622	1	-0.2	1.82	5	-10	170	-0.5	-2	0.25	-0.5	18	129	28	2.46	10	-1	0.02	10	1.01	698	-1	0.01	173	150	4	-0
NA13255	579079	7010060	STEWART	ROBINSON	20030622	-1	-0.2	0.88	-2	-10	50	-0.5	-2	0.38	-0.5	9	32	37	1.8	-10	-1	0.03	-10	0.39	229	-1	0.01	16	670	2	-0
NA13256	578984	7009883	STEWART	ROBINSON	20030622	1	-0.2	1.4	4	-10	150	-0.5	-2	0.19	-0.5	12	122	48	2.22	10	-1	0.06	-10	1.18	186	-1	0.01	116	250	-2	0.01
NA13257	578843	7009740	STEWART	ROBINSON	20030622	7	-0.2	1.18	2	-10	80	-0.5	-2	0.55	-0.5	17	75	66	2.49	-10	-1	0.07	-10	0.7	310	-1	0.03	38	400	-2	-0
NA13258	578697	7009608	STEWART	ROBINSON	20030622	1	0.3	1.58	7	-10	230	-0.5	-2	0.56	-0.5	13	91	29	2.76	-10	-1	0.07	10	1.07	454	-1	0.03	79	360	3	0.01
NA13259	578553	7009449	STEWART	ROBINSON	20030622	2	-0.2	1.48	4	-10	230	-0.5	-2	0.5	-0.5	18	94	28	2.61	-10	-1	0.05	10	0.98	366	-1	0.03	172	180	5	0.01
NA13260	578365	7009379	STEWART	ROBINSON	20030622	-1	-0.2	0.42	-2	10	120	-0.5	-2	2.43	-0.5	3	13	22	0.61	-10	1	0.03	-10	0.77	115	1	0.02	45	770	4	0.11
NA13261	578221	7009234	STEWART	ROBINSON	20030622	3	-0.2	1.2	3	-10	180	-0.5	-2	0.87	-0.5	10	57	19	2.02	-10	-1	0.05	10	0.61	290	-1	0.03	58	500	4	0.03
NA13569	588582	7005600	STEWART	ROBINSON	20030621	4	-0.2	1.76	5	-10	190	1	-2	0.4	-0.5	12	30	31	3.67	10	-1	0.07	20	0.56	513	-1	0.02	18	350	9	0.01
NA13570	588568	7005801	STEWART	ROBINSON	20030621	3	-0.2	1.68	6	-10	120	-0.5	-2	0.18	-0.5	9	23	13	2.76	10	-1	0.04	10	0.41	447	-1	0.01	15	260	9	0.01
NA13571	588500	7005987	STEWART	ROBINSON	20030621	2	-0.2	1.64	7	-10	120	-0.5	-2	0.23	-0.5	7	22	11	2.71	10	-1	0.05	10	0.39	285	-1	0.01	11	330	7	0.01
NA13572	588414	7006169	STEWART	ROBINSON	20030621	3	-0.2	2.15	9	-10	230	0.5	-2	0.24	-0.5	12	33	23	3.32	10	-1	0.05	10	0.54	415	1	0.01	24	250	8	0.01
NA13573	588352	7006359	STEWART	ROBINSON	20030621	6	-0.2	2.21	10	-10	250	0.9	-2	0.31	-0.5	12	39	30	3.55	10	-1	0.05	20	0.57	397	-1	0.02	23	260	7	-0
NA13574	588320	7006516	STEWART	ROBINSON	20030621	2	-0.2	2.14	7	-10	230	0.6	-2	0.35	-0.5	11	37	26	3.24	10	1	0.05	10	0.59	421	-1	0.02	22	240	9	0.01
NA13575	588376	7006710	STEWART	ROBINSON	20030621	2	-0.2	1.57	5	-10	90	-0.5	-2	0.19	-0.5	8	24	14	2.62	-10	-1	0.04	10	0.39	231	-1	0.01	14	300	6	0.01
NA13576	588406	7006910	STEWART	ROBINSON	20030621	3	-0.2	1.7	4	-10	140	-0.5	-2	0.3	-0.5	8	24	12	2.49	10	-1	0.05	10	0.48	223	-1	0.02	15	290	6	0.01
NA13577	588424	7007110	STEWART	ROBINSON	20030621	8	-0.2	1.48	3	-10	150	-0.5	-2	0.4	-0.5	8	19	14	2.86	10	-1	0.14	10	0.48	260	-1	0.02	12	530	6	0.01
NA13578	588437	7007292	STEWART	ROBINSON	20030621	2	0.4	1.66	3	-10	150	-0.5	-2	0.37	-0.5	5	16	19	2.11	10	-1	0.06	10	0.31	122	-1	0.01	11	620	6	0.04
NA13579	588512	7007505	STEWART	ROBINSON	20030621	-1	-0.2	2.95	10	-10	180	0.5	-2	0.38	-0.5	11	32	26	3.34	10	-1	0.08	10	0.66	339	-1	0.01	24	230	5	0.01
[redacted]	[redacted]	[redacted]	STEWART	FLEMING	20030617	5	-0.2	0.83	24	-10	140	0.7	-2	0.24	0.5	16	21	79	3.93	-10	-1	0.08	20	0.2	643	6	0.01	60	820	7	0.01
[redacted]	[redacted]	[redacted]	STEWART	FLEMING	20030617	1	0.2	1.7	10	-10	400	-0.5	-2	0.43	-0.5	21	56	26	2.79	-10	1	0.08	10	0.66	322	-1	0.02	74	770	2	0.01
NA10950	588732	7005466	STEWART	LINLEY	20030621	2	-0.2	2.04	7	-10	230	0.6	-2	0.37	-0.5	11	37	28	3.18	10	-1	0.05	20	0.61	368	-1	0.02	24	400	6	0.01
NA10951	588880	7005603	STEWART	LINLEY	20030621	3	-0.2	2.12	7	-10	260	0.7	-2	0.33	-0.5	12	34	29	3.48	10	-1	0.1	20	0.61	524	-1	0.02	22	380	4	0.01
NA10952	589007	7005761	STEWART	LINLEY	20030621	1	0.2	1.91	9	-10	140	0.5	-2	0.19	-0.5	10	31	17	3.53	10	-1	0.05	10	0.49	418	1	0.01	17	360	6	0.01
NA10953	589207	7005746	STEWART	LINLEY	20030621	4	-0.2	2.16	9	-10	210	0.6	-2	0.24	-0.5	10	39	25	3.15	-10	-1	0.04	20	0.56	337	-1	0.01	23	160	6	0.01
NA10954	589404	7005758	STEWART	LINLEY	20030621	3	-0.2	2.15	9	-10	260	0.6	-2	0.31	-0.5	12	41	34	3.4	10	-1	0.06	10	0.59	441	1	0.02	30	250	6	0.01
NA10955	589598	7005736	STEWART	LINLEY	20030621	-1	-0.2	2.17	6	-10	180	-0.5	-2	0.24	-0.5	15	29	21	4.1	10	-1	0.07	10	0.68	1415	1	0.03	19	350	7	0.01
NA10956	589776	7005821	STEWART	LINLEY	20030621	2	0.2	2.33	8	-10	160	0.5	-2	0.27	-0.5	14	35	32	4.15	10	-1	0.08	10	0.81	331	-1	0.02	20	260	8	0.01
NA10957	589966	7005874	STEWART	LINLEY	20030621	2	-0.2	2.1	8	-10	110	-0.5	-2	0.29	-0.5	14	31	32	3.87	10	-1	0.09	10	0.88	405	-1	0.03	17	380	3	0.01
NA10958	590156	7005932	STEWART	LINLEY	20030621	2	-0.2	1.45	4	-10	170	0.5	-2	0.38	-0.5	9	9	18	3.34	10	-1	0.1	20	0.52	390	-1	0.01	5	410	2	-0
NA10959	590345	7006005	STEWART	LINLEY	20030621	-1	-0.2	4.06	7	-10	260	0.5	-2	0.77	-0.5	14	26	24	3.02	10	-1	0.06	10	0.57	190	-1	0.02	19	150	2	0.01
NA10960	590521	7006109	STEWART	LINLEY	20030621	-1	-0.2	3.57	3	-10	340	-0.5	-2	1.14	-0.5	21	18	97	4.56	10	-1	0.36	10	1.41	746	-1	0.04	11	1070	13	-0
NA10962	590667	7006232	STEWART	LINLEY	20030621	1	0.2	1.82	4	-10	180	-0.5	-2	0.14	-0.5	9	14	28	3.98	10	-1	0.26	10	0.73	564	-1	0.01	10	480	6	0.01
NA10963	590862	7006230	STEWART	LINLEY	20030621	-1	-0.2	2.84	5	-10	250	-0.5	-2	0.28	-0.5	19	27	67	3.99	10	-1	0.26	10	0.98	445	-1	0.03	17	350	10	0.01
NA10964	590984	7006401	STEWART	LINLEY	20030621	3	-0.2	1.95	5	-10	340	-0.5	-2	0.41	-0.5	12	31	34	3.38	10	-1	0.07	20	0.69	344	1	0.03	23	710	12	0.01
NA10965	590971	7006615	STEWART	LINLEY	20030621	4	-0.2	2.93	2	-10	310	-0.5	-2	0.48	-0.5	17	21	33	4.58	10	-1	0.25	10	1.12	554	-1	0.02	12	540	6	0.01
NA10966	591021	7006808	STEWART	LINLEY	20030621	-1	-0.2	3.69	5	-10	300	0.5	-2	0.72	-0.5	19	18	34	6.14	10	-1	0.46	10	1.34	579	1	0.04	12	1460	9	-0
NA10967	591177	7006935	STEWART	LINLEY	20030621	1	-0.2	2.8	2	-10	260	-0.5	-2	0.34	-0.5	17	15	37	5.58	10	-1	0.29	10	1.09	660	-1	0.03	11	330	8	0.01
NA10968	591315	7007066	STEWART	LINLEY	20030621	2	0.2	2.98	-2	-10	1870	-0.5	-2	0.47	-0.5	17	32	50	5.14	10	-1	0.33	10	1.12	475	-1	0.04	17	800	12	0.01
NA10969	591427	7007221	STEWART	LINLEY	20030621	-1	-0.2	2.49	2	-10	390	-0.5	-2	0.42	-0.5	18	26	42	3.84	10	-1	0.33	10	1	488	1	0.02	14	400	10	0.01
NA13580	588531	7007705	STEWART	ROBINSON	20030621	-1	-0.2	1.94	4	-10	210	-0.5	-2	0.21	-0.5	15	14	21	4.35	10	-1	0.6	10	0.69	1050	1	0.01	6	690	26	0.01
NA13581	588578	7007902	STEWART	ROBINSON	20030621	-1	-0.2	1.88	3	-10	150	-0.5	-2	0.4	-0.5	11	17	26	2.94	10	-1	0.15	10	0.57	268	1	0.02	10	470	13	0.03
NA13582	588588	7008102	STEWART	ROBINSON	20030621	3	-0.2	1.66	-2	-10	230	-0.5	-2	0.28	-0.5	8	26	22	2.55	10	-1	0.09	10	0.54	184	1	0.02	10	380	8	0.03
NA13583	588636	7008312	STEWART	ROBINSON	20030621	-1	-0.2	1.64	2	-10	220	-0.5	-2	0.29	-0.5	12	20	28	3.35	10	1	0.16	10	0.66	249	1	0.02	10	500	8	0.04
NA13584	588688	7008524	STEWART	ROBINSON	20030621	3	-0.2	2.27	4	-10	220	-0.5	-2	0.25	-0.5	12	23	46	3.64	10	-1	0.17	10	0.77	408	1	0.02	12	430	9	0.01
NA13585	588758	7008715	STEWART	ROBINSON	20030621	4	-0.2	1.96	3	-10	250	-0.5	-2	0.66	-0.5	11	27	41	2.87	10	-1	0.16	10	0.75	309	1	0.03	13	550	9	0.01
NA13586	588908	7008870	STEWART	ROBINSON	20030621	3	-0.2	1.58	4	-10	190	-0.5	-2	0.37	-0.5	12	25	54	2.73	10	-1	0.08	10	0.76	190	-1	0.04	16	500	9	0.02
NA13587	589076	7008989	STEWART	ROBINSON	20030621	1	-0.2	2.38	-2	-10	630	-0.5	-2	0.4	-0.5	20	42	82	4.39	10	1	0.48	10	1.7	527	1	0.04	17	820	7	0.08
NA13588	578332	7011350	STEWART	ROBINSON	20030622	2	-0.2	2.47	16	-10	300	0.6	2	0.4	-0.5	16	53	38	3.85	10	-1	0.05	20	0.74	512	-1	0.03	33	240	14	0.01
NA13589	578247	7011167	STEWART	ROBINSON	20030622	2	-0.2	2.03	17	-10	250	-0.5	-2	0.26	-0.5	14	35	23	3.24	10	-1	0.04	10	0.5	670	1	0.02	24	600	14	0.02
NA13590	578166	7010983	STEWART	ROBINSON	20030622	5	-0.2	1.78	11	-10	250	-0.5	-2	0.36	-0.5	13	37	30	3.07	10	-1	0.06	10	0.58	401	1	0.02	26	530	11	0.01
NA13598	577433	7009612	STEWART	ROBINSON	20030622	5	-0.2	1.38	5	-10	260	-0.5	-2	0.59	-0.5	11	31	47	2.72	-10	1	0.09	10	0.61	319	-1	0.03	27	710	8	0.01
NA13599	577272	7009492	STEWART	ROBINSON	20030622	1	-0.2	1.36	-2	-10	340	-0.5	-2	0.3	-0.5	12	51	66	2.11	10	-1	0.29	-10	0.96	264	-1	0.03	20	390	6	-0
NA13206	592595	7008511	STEWART	RYAN	20030621	-1	-0.2	2.96	4	-10	170	-0.5	-2	0.74	-0.5	19	100	29	3.72	10	-1	0.26	10	1.2	422	1	0.06	31	830	11	0.01
NA13207	592387	7008578	STEWART	RYAN	20030621	-1	-0.2	1.76	37	-10	290	-0.5	-2	0.28	-0.5	17	40	43	3.18	10	-1	0.13	10	0.49	376	4	0.01	45	530	19	0.01
NA13208	592314	7008779	STEWART	RYAN	20030621	3	-0.2	3.39	-2	-10	330	0.5	-2	1.23	-0.5	20	136	31	3.48	10	-1	0.34	10	1.69	511	-1	0.03	34	1030	8	-0
NA13209	592144	7008903	STEWART	RYAN	20030621	-1	-0.2	4.41	2	-10	460	0.8	2	0.74	-0.5	30	165	51	5.82	10	-1	0.83	40	2.23	714	1	0.02	47	760	11	-0

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Ti (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA13592	-2	5	23	0.14	-10	-10	97	-10	55	GY	QU	0.3	M	10	B	H	M	G	BDR	N		M	
NA13593	-2	7	34	0.15	-10	-10	89	-10	53	BN	QU	0.5	M	10	B	H	M	G	BDR	N		M	
NA13594	-2	3	8	0.04	-10	-10	24	-10	18	GN	QU	0.5	M	0	C	L	L	G	BDR	N		H	DISTINCT COLOR LINE BTWEEN CLAY AND SAMPLE
NA13595	-2	4	18	0.16	-10	-10	94	-10	39	BN	QU	0.5	M	0	C	M	L	G	BDR	N		H	
NA13596	2	7	22	0.15	-10	-10	128	-10	64	BN	QU	0.5	M		C	M	L	G	BDR	N		H	
NA13597	-2	3	18	0.07	-10	-10	52	-10	31	BN	QU	0.5	M	10	B	L	L	M	COL	N		M	
NA12728	-2	5	18	0.12	-10	-10	84	-10	118	BN	QE	0.5	M		C	L	L	G	BDR	N		H	MED. OR-BN
NA12729	-2	4	16	0.1	-10	-10	69	-10	77	BN	QE	0.3	M	5	C	L	L	M	BDR	N		H	DULL OR-BN
NA13253	-2	3	11	0.07	-10	-10	56	-10	92	GY	QB	0.4	M	20	C	M	L	G	COL	N		H	
NA13254	-2	5	17	0.08	-10	-10	58	-10	38	GY	QB	0.7	M		C	H	M	G	COL	N		M	HEAVY CLAY
NA13255	-2	2	18	0.17	-10	-10	54	-10	35	GY	QB	0.5	M	30	C	M	M	G	COL	N		H	
NA13256	-2	3	9	0.1	-10	-10	47	-10	34	BN	QB	0.5	M	10	C	M	L	G	COL	N		H	
NA13257	-2	7	12	0.13	-10	-10	63	-10	38	GY	QB	0.5	M	10	C	L	L	G	COL	N		H	
NA13258	-2	6	30	0.11	-10	-10	58	-10	43	BN	QU	0.45	M	20	B	M	M	M	COL	P		M	
NA13259	-2	5	29	0.11	-10	-10	51	-10	43	GY	QD	0.45	M	30	B	L	L	M	COL	P		M	
NA13260	-2	1	91	0.02	-10	-10	12	-10	41			0						G	COL	P			NO SAMPLE - PERMAFROST
NA13261	-2	3	42	0.07	-10	-10	41	-10	41			0											BLACK ORGANICS
NA13569	-2	10	45	0.1	-10	-10	86	-10	65	BN	QU	0.35	M	10	B	H	H	G	BDR	N		L	
NA13570	-2	3	20	0.1	-10	-10	73	-10	51	BN	QU	0.4	M	20	A	H	M	G	BDR	N		M	VERY ROCKY
NA13571	2	4	24	0.07	-10	-10	69	-10	50	BN	QU	0.5	M	20	B	H	H	G	BDR	N		M	
NA13572	-2	6	27	0.1	-10	-10	66	-10	56	BN	QU	0.4	M	25	A	H	H	G	BDR	N		L	WET ROCKY
NA13573	-2	9	36	0.12	-10	-10	70	-10	65	BN	QU	0.35	M	20	B	H	H	G	BDR	N		L	
NA13574	-2	6	30	0.13	-10	-10	72	-10	55	BN	QU	0.4	M	10	B	H	H	G	BDR	N		M	
NA13575	-2	3	19	0.11	-10	-10	57	-10	48	BN	QU	0.3	M	30	A	H	H	G	BDR	N		M	
NA13576	-2	4	30	0.12	-10	-10	55	-10	54	BN	QU	0.3	M	20	A	H	H	M	BDR	P		M	
NA13577	-2	6	31	0.14	-10	-10	51	-10	49	BN	QU	0.3	M	25	B	H	H	G	COL	P		M	
NA13578	-2	2	30	0.04	-10	-10	34	-10	44	BN	QD	0.3	M	50	A	H	H	F	ALV	P		L	POOR SAT READING, POOR SAMPLE DUE TO PERMAFROST
NA13579	-2	7	27	0.16	-10	-10	67	-10	59	BN	QU	0.5	M	20	B	M	M	M	BDR	N		H	
NA12730	7	6	23	0.02	-10	-10	47	-10	163	BN	QU	0.5	M	0	C	L	L	G	BDR	N		H	DULL BN-GY-OR
NA12731	-2	3	30	0.13	-10	-10	58	-10	49	OR	QD	0.3	M	15	B	M	L	M	BDR	N		L	FINES W/ SOME ROCK OR-BN
NA10950	-2	7	33	0.12	-10	-10	74	-10	56	BN	QD	0.2	M		B	H	H	F	BDR	N		M	
NA10951	-2	8	32	0.14	-10	-10	66	-10	61	BN	QD	0.55	M		B	H	H	F	BDR	N		M	
NA10952	-2	5	22	0.11	-10	-10	85	-10	56	BN	QD	0.15	M		B	H	H	F	BDR	N		M	
NA10953	-2	6	26	0.12	-10	-10	75	-10	51	BN	QD	0.45	M		B	H	H	G	BDR	N		M	
NA10954	-2	7	28	0.14	-10	-10	77	-10	59	BN	QD	0.5	M		B	H	H	F	BDR	N		M	
NA10955	2	5	20	0.18	-10	-10	112	-10	83	BN	QL	0.25	M	1	B	M	H	M	BDR	N		L	
NA10956	-2	6	26	0.18	-10	-10	97	-10	62	BN	QD	0.25	M		B	H	H	M	BDR	N		M	
NA10957	-2	6	26	0.18	-10	-10	91	-10	73	BN	QD	0.5	M		B	M	H	S	BDR	N		H	
NA10958	-2	9	22	0.04	-10	-10	42	-10	35	OR	QD	0.6	M		C	L	L	M	BDR	N		H	
NA10959	-2	6	63	0.11	-10	-10	63	-10	41	OR	QD	0.4	M		C	L	L	M	BDR	N		H	
NA10960	2	9	68	0.23	-10	-10	116	-10	60	BN	QD	0.4	M		C	L	L	F	BDR	N		H	
NA10962	-2	13	9	0.13	-10	-10	44	-10	109	OR	QD	0.5	M		C	L	L	S	BDR	N		H	
NA10963	-2	5	17	0.15	-10	-10	88	-10	49	BN	QD	0.4	M		C	L	L	M	BDR	N		H	
NA10964	2	6	30	0.12	-10	-10	61	-10	73	BN	QD	0.3	M	1	B	H	H	M	BDR	P		L	
NA10965	2	6	30	0.18	-10	-10	103	-10	68	BN	QD	0.35	M		C	L	L	M	BDR	N		H	
NA10966	-2	8	32	0.31	-10	-10	86	-10	100	BN	QD	0.25	M		C	L	L	G	BDR	N		H	
NA10967	2	11	22	0.23	-10	-10	107	-10	130	BN	QD	0.35	M		C	L	L	M	BDR	P		H	REDDISH TONE
NA10968	2	13	33	0.15	-10	-10	67	-10	103	BN	QD	0.35	M		C	L	H	M	BDR	P		H	
NA10969	-2	6	30	0.2	-10	-10	96	-10	60	BN	QL	0.4	M		C	L	L	M	BDR	N		H	
NA13580	2	5	14	0.18	-10	-10	62	-10	84	BN	QU	0.6	M	5	C	L	L	G	BDR	N		H	
NA13581	2	6	30	0.15	-10	-10	48	-10	50	GY	QU	0.6	M	60	C	M	M	M	COL	P		M	
NA13582	-2	5	22	0.1	-10	-10	53	-10	41	GY	QU	0.3	M	50	A	H	H	M	COL	P		L	
NA13583	-2	5	17	0.14	-10	-10	89	-10	71	BN	QU	0.5	M	50	A	H	H	S	COL	P		L	
NA13584	-2	5	21	0.16	-10	-10	60	-10	88	BN	QU	0.35	M	50	A	H	H	S	COL	P		L	
NA13585	-2	5	47	0.15	-10	-10	70	-10	61	GY	QU	0	M	0		L	L	S				H	ON SLIDE
NA13586	2	4	28	0.14	-10	-10	81	-10	35	BN	QU	0.4	M	50	A	H	H	S	COL	P		L	
NA13587	2	8	32	0.23	-10	-10	117	-10	130	BN	QU	0.4	M	50	A	H	H	M	COL	P		L	
NA13588	2	9	32	0.14	-10	-10	90	-10	62	BN	QD	0.5	M	5	B	H	M	F	BDR	N		H	
NA13589	3	4	22	0.08	-10	-10	75	-10	56	BN	QD	0.2	M	40	A	H	M	G	BDR	N		M	
NA13590	2	5	27	0.11	-10	-10	67	-10	55	BN	QU	0.5	M	10	B	H	M	G	BDR	N		M	SAMPLE TEN METRES FROM STATION
NA13598	2	6	35	0.1	-10	-10	62	-10	42	BN	QU	0.6	M	0	C	M	L	M	COL	N		H	
NA13599	-2	6	15	0.06	-10	-10	59	-10	34	BN	QU	0.5	M	10	B	M	M	M	COL	N		M	
NA13206	-2	6	44	0.2	-10	-10	92	-10	69	BN	QD	0.35	M		C	L	L	G	BDR	S	AMP	H	
NA13207	-2	5	22	0.08	-10	-10	80	-10	85	OR	QU	0.35	M		B	L	L	G	COL	S	SCH	M	QUARTZ BIOTITE MICA SCHIST
NA13208	-2	8	88	0.2	-10	-10	87	-10	54	BN	QU	0.45	M		C	L	L	G	BDR	S	AMP	H	
NA13209	-2	13	55	0.23	-10	-10	128	-10	102	OR	QD	0.55	M		C	L	L	G	BDR	S	SCH	H	QTZ. BIO SCHIST?

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA13211	592171	7009111	STEWART	RYAN	20030621	1	-0.2	4.19	6	-10	530	0.5	-2	1.28	-0.5	24	133	78	5.42	10	-1	0.71	30	1.52	768	-1	0.03	81	1500	17	-0
NA13212	592004	7009231	STEWART	RYAN	20030621	2	-0.2	2.73	5	-10	130	-0.5	-2	1.04	-0.5	14	170	65	2.75	10	-1	0.06	-10	1.26	401	-1	0.04	42	830	4	-0
NA13213	591831	7009335	STEWART	RYAN	20030621	-1	-0.2	3.78	12	-10	340	0.8	-2	1.26	-0.5	19	36	179	5.22	10	-1	0.51	10	1.24	479	1	0.04	23	1360	12	-0
NA13214	580504	7004401	STEWART	RYAN	20030622	3	-0.2	2.72	4	-10	710	-0.5	-2	0.64	-0.5	20	91	37	4.04	10	-1	0.49	10	1.81	438	-1	0.02	40	950	8	0.01
NA13215	580366	7004259	STEWART	RYAN	20030622	8	-0.2	2.86	6	-10	1700	1.2	2	0.7	-0.5	21	83	40	5.47	10	-1	0.34	30	1.34	630	1	0.03	32	2490	16	0.01
NA13216	580226	7004122	STEWART	RYAN	20030622	-1	-0.2	1.9	-2	-10	170	-0.5	-2	0.97	-0.5	30	95	84	4.95	10	-1	0.14	-10	2	520	1	0.06	33	1000	51	0.01
NA13217	580066	7004004	STEWART	RYAN	20030622	9	0.2	0.67	32	-10	1170	0.8	2	1.52	8.1	35	32	148	6.16	-10	-1	0.07	10	0.54	2620	16	0.02	136	1260	19	0.02
NA13218	579892	7003916	STEWART	RYAN	20030622	2	-0.2	1.84	8	-10	230	-0.5	-2	0.32	-0.5	11	35	28	2.92	10	-1	0.05	10	0.58	350	1	0.02	28	360	13	0.01
NA13219	579706	7003848	STEWART	RYAN	20030622	9	-0.2	1.94	4	-10	100	-0.5	-2	0.34	-0.5	16	133	107	2.72	10	-1	0.08	10	1.52	296	1	0.03	46	220	3	-0
NA13220	579531	7003763	STEWART	RYAN	20030622	9	-0.2	1.6	3	-10	270	-0.5	-2	0.26	-0.5	12	108	84	2.07	10	-1	0.08	10	0.96	236	-1	0.02	45	170	3	-0
NA10970	591592	7007319	STEWART	LINLEY	20030621	4	-0.2	3.14	2	-10	440	-0.5	-2	0.73	-0.5	20	36	75	4.49	10	-1	0.58	10	1.42	502	1	0.04	18	670	10	0.01
NA10971	591638	7007506	STEWART	LINLEY	20030621	-1	-0.2	2.85	5	-10	310	-0.5	-2	0.49	-0.5	18	31	47	3.81	10	-1	0.42	10	1.31	489	-1	0.02	19	450	11	0.01
NA10972	591776	7007646	STEWART	LINLEY	20030621	1	-0.2	1.92	5	-10	240	-0.5	-2	0.33	-0.5	10	34	33	2.78	10	-1	0.1	10	0.74	239	-1	0.02	18	210	7	-0
NA10973	591905	7007794	STEWART	LINLEY	20030621	-1	-0.2	3.1	2	-10	390	-0.5	-2	1.06	-0.5	17	36	81	3.95	10	-1	0.63	10	1.34	448	1	0.04	18	670	7	0.01
NA10974	592086	7008024	STEWART	LINLEY	20030621	3	0.3	1.1	5	-10	170	-0.5	-2	0.57	-0.5	8	24	25	2.18	-10	-1	0.05	10	0.46	264	1	0.03	16	910	10	0.01
NA13550	591896	6985440	STEWART	ROBINSON	20030620	-1	-0.2	2.77	6	-10	240	-0.5	-2	0.42	-0.5	23	111	71	4.39	10	-1	0.5	10	1.54	640	1	0.02	73	1140	8	0.04
NA13551	592054	6985305	STEWART	ROBINSON	20030620	2	-0.2	2.44	8	-10	210	0.5	-2	0.25	-0.5	11	48	28	3.39	10	-1	0.08	20	0.75	398	1	0.02	25	260	9	0.01
NA13552	592270	6985255	STEWART	ROBINSON	20030620	-1	-0.2	2.13	7	-10	170	-0.5	-2	0.22	-0.5	9	43	20	3.04	10	-1	0.09	10	0.67	324	1	0.01	22	220	9	0.01
NA13553	592320	6985057	STEWART	ROBINSON	20030620	-1	-0.2	2.21	6	-10	250	-0.5	-2	0.28	-0.5	9	34	18	2.99	10	-1	0.06	20	0.62	420	-1	0.02	18	260	10	0.01
NA13554	592150	6984942	STEWART	ROBINSON	20030620	-1	-0.2	2.26	4	-10	130	0.5	-2	0.41	-0.5	8	40	15	2.84	10	-1	0.12	20	0.79	295	1	0.03	18	980	8	-0
NA13555	592059	6984749	STEWART	ROBINSON	20030620	2	-0.2	2.36	7	-10	210	-0.5	-2	0.21	-0.5	12	41	19	3.41	10	-1	0.13	10	0.82	441	1	0.01	21	530	8	0.01
NA13556	592015	6984547	STEWART	ROBINSON	20030620	3	-0.2	2.59	3	-10	250	-0.5	2	0.12	-0.5	7	9	54	5.54	10	-1	0.29	20	0.68	424	2	0.19	6	610	9	0.93
NA13557	591934	6984358	STEWART	ROBINSON	20030620	2	-0.2	2.2	5	-10	180	-0.5	-2	0.21	-0.5	10	33	25	3.07	10	-1	0.04	10	0.54	339	1	0.02	20	180	9	0.01
NA13558	591802	6984197	STEWART	ROBINSON	20030620	-1	-0.2	2.34	3	-10	230	-0.5	-2	0.2	-0.5	14	174	25	3.63	10	-1	0.28	10	1.5	403	1	0.02	16	560	5	0.01
NA13559	591760	6983995	STEWART	ROBINSON	20030620	2	-0.2	2.25	6	-10	310	-0.5	-2	0.33	-0.5	14	28	28	3.23	10	-1	0.06	10	0.51	980	-1	0.02	20	270	7	0.01
NA13560	591619	6983825	STEWART	ROBINSON	20030620	4	-0.2	2.36	3	-10	250	-0.5	-2	0.53	-0.5	12	37	32	3.37	10	-1	0.06	10	0.83	516	-1	0.03	21	530	10	0.01
NA13561	591539	6983623	STEWART	ROBINSON	20030620	-1	-0.2	2.47	3	-10	140	-0.5	-2	0.4	-0.5	13	77	19	3.49	10	-1	0.12	-10	1.12	226	-1	0.05	20	160	5	-0
NA13562	591528	6983381	STEWART	ROBINSON	20030620	-1	-0.2	3.42	10	-10	370	0.5	2	0.63	-0.5	20	170	104	5.58	10	-1	1.21	10	2.41	779	4	0.02	98	1880	14	0.01
NA13563	591493	6983176	STEWART	ROBINSON	20030620	-1	-0.2	2.47	6	-10	440	0.5	-2	0.55	-0.5	17	150	47	3.44	10	-1	0.33	10	1.64	386	1	0.02	62	1500	13	0.01
NA13564	591458	6982985	STEWART	ROBINSON	20030620	-1	-0.2	2.24	3	-10	670	0.6	-2	0.42	-0.5	21	81	61	4.41	10	-1	0.62	10	1.35	520	1	0.02	38	920	10	0.01
NA13221	579356	7003674	STEWART	RYAN	20030622	5	-0.2	2.37	3	-10	240	-0.5	-2	0.66	-0.5	19	21	210	4.11	10	-1	0.07	-10	1.04	485	1	0.04	22	930	5	-0
NA13222	579167	7003614	STEWART	RYAN	20030622	1	-0.2	2.29	2	-10	80	-0.5	-2	0.36	-0.5	31	101	72	6.74	10	-1	0.04	-10	1.48	503	1	0.03	39	230	7	-0
NA13223	578975	7003551	STEWART	RYAN	20030622	3	-0.2	2.91	13	-10	190	0.5	-2	0.44	-0.5	25	177	178	3.98	10	-1	0.03	10	1.77	669	1	0.01	67	140	7	-0
NA13224	578806	7003452	STEWART	RYAN	20030622	3	-0.2	2.01	6	-10	200	-0.5	-2	0.25	-0.5	13	41	38	2.65	10	-1	0.04	10	0.56	287	1	0.02	27	170	7	0.01
NA13225	578610	7003403	STEWART	RYAN	20030622	1	-0.2	1.78	2	-10	170	0.7	-2	2.57	0.5	34	55	115	6.12	10	-1	0.26	10	0.94	1435	1	0.01	36	660	6	0.01
NA13226	578407	7003392	STEWART	RYAN	20030622	8	-0.2	2.03	4	-10	300	0.6	-2	0.31	-0.5	15	67	51	3.64	10	-1	0.31	10	1.12	415	1	0.02	31	470	9	-0
NA13227	578223	7003305	STEWART	RYAN	20030622	1	-0.2	2.07	10	-10	830	0.7	-2	0.48	-0.5	13	58	44	3.64	10	-1	0.23	20	0.76	591	1	0.01	37	920	17	0.01
NA13228	578137	7003111	STEWART	RYAN	20030622	21	-0.2	1.07	88	-10	1050	0.5	-2	0.28	-0.5	9	27	27	3.1	-10	-1	0.1	10	0.32	433	-1	0.01	27	480	13	0.02
NA13229	578109	7002910	STEWART	RYAN	20030622	3	-0.2	2.22	8	-10	540	0.6	-2	0.66	-0.5	17	96	71	4.1	10	1	0.8	20	1.04	532	3	0.01	57	2030	11	0.02
NA13230	577951	7002800	STEWART	RYAN	20030622	15	-0.2	1.84	6	-10	520	0.6	-2	0.67	-0.5	12	69	74	3.18	10	-1	0.41	30	0.84	459	3	0.01	59	2290	12	-0
NA13231	577774	7002683	STEWART	RYAN	20030622	2	-0.2	1.34	14	-10	280	-0.5	-2	0.3	-0.5	7	30	22	2.51	-10	-1	0.13	10	0.44	200	1	0.01	23	380	8	0.04
NA13232	576807	7011128	STEWART	RYAN	20030622	3	-0.2	1.62	3	-10	500	-0.5	-2	0.36	-0.5	6	17	5	2.23	10	-1	0.52	10	0.73	275	-1	0.01	10	900	2	-0
NA13233	576834	7010919	STEWART	RYAN	20030622	-1	-0.2	1.43	2	-10	330	-0.5	-2	0.44	-0.5	6	23	3	2.42	10	-1	0.28	10	1.02	360	-1	0.02	8	1020	2	-0
NA13234	576868	7010717	STEWART	RYAN	20030622	1	-0.2	1.08	4	-10	90	-0.5	-2	0.41	-0.5	5	35	7	1.4	-10	-1	0.05	-10	0.51	126	-1	0.03	10	720	4	-0
NA13235	576746	7010529	STEWART	RYAN	20030622	-1	-0.2	1.32	7	-10	310	0.5	-2	0.3	-0.5	6	18	17	2.94	-10	-1	0.29	10	0.57	211	-1	0.01	10	600	12	-0
NA13236	576543	7010465	STEWART	RYAN	20030622	-1	-0.2	1.7	6	-10	420	1.1	-2	0.35	-0.5	6	24	15	3.4	10	-1	0.21	20	0.45	479	-1	0.01	17	310	4	0.01
NA13237	576433	7010272	STEWART	RYAN	20030622	4	-0.2	1.29	4	-10	240	-0.5	-2	0.4	-0.5	6	16	5	1.78	-10	-1	0.34	10	0.6	308	-1	0.01	11	770	6	-0
NA13238	576364	7010078	STEWART	RYAN	20030622	-1	-0.2	2.1	11	-10	310	0.6	-2	0.48	-0.5	10	38	18	3.22	10	-1	0.09	10	0.73	318	-1	0.03	25	290	8	0.01
NA13239	576238	7009925	STEWART	RYAN	20030622	-1	-0.2	1.65	4	-10	280	-0.5	-2	0.46	-0.5	12	117	77	2.21	-10	-1	0.12	10	1.11	308	-1	0.02	60	520	5	-0
NA13240	576073	7009839	STEWART	RYAN	20030622	-1	-0.2	1.41	7	-10	230	-0.5	-2	0.37	-0.5	9	29	52	2.31	-10	-1	0.08	10	0.47	292	-1	0.02	20	380	6	-0
NA13241	575958	7009667	STEWART	RYAN	20030622	-1	-0.2	0.71	2	-10	70	-0.5	-2	0.3	-0.5	7	28	76	1.04	-10	-1	0.03	-10	0.25	111	-1	0.01	14	250	3	-0
NA13243	575839	7009510	STEWART	RYAN	20030622	16	-0.2	1.46	3	-10	100	-0.5	-2	0.44	-0.5	12	59	87	2.05	-10	-1	0.05	10	0.57	176	-1	0.02	38	440	9	-0
NA13200	593267	7007643	STEWART	RYAN	20030621	1	-0.2	1.87	7	-10	340	-0.5	-2	0.24	-0.5	5	13	23	3.45	10	1	0.15	10	0.43	324	-1	0.01	8	520	6	0.01
NA13201	593223	7007839	STEWART	RYAN	20030621	29	-0.2	3.39	4	-10	450	-0.5	-2	0.64	-0.5	21	16	35	5.03	10	-1	0.62	-10	2.11	781	-1	0.02	11	1130	6	-0
NA13202	593192	7008028	STEWART	RYAN	20030621	6	-0.2	2.56	23	-10	400	0.5	-2	0.51	-0.5	14	54	65	4.31	10	-1	0.39	60	1.21	448	8	0.01	48	850	15	-0
NA13203	593001	7008130	STEWART	RYAN	20030621	-1	-0.2	2.94	4	-10	420	0.6	-2	0.8	-0.5	14	20	23	5.06	10	-1	0.38	10	1.57	601	-1	0.02	13	1440	8	-0
NA13204	592864	7008258	STEWART	RYAN	20030621	10	-0.2	2.92	2	-10	530	0.5	-2	0.65	-0.5	16	29	41	4.96	10	-1	0.61	10	1.6	615	1	0.01	14	1120	5	-0
NA13205	592686	7008348	STEWART	RYAN	20030621	-1	-0.2	2.36	4	-10	310	-0.5	-2	0.67	-0.5	17	112	29	3.45	10	-1	0.62	20	1.67	471	-1	0.03	32	850	6	-0
NA13565	591490	6982795	STEWART	ROBINSON	20030620	-1	-0.2	1.74	8	-10	330	-0.5	-2	0.55	-0.5	11	24	33	3.1	10	-1	0.28	-10	0.71	343	-1	0.04	13	690	6	0.01
NA13566	591548	6982595	STEWART	ROBINSON	20030620	2	-0.2	2.37	13	-10	270	-0.5	-2	0.16	-0.5	11	36	15	3.17	10	-1	0.07	10	0.55	293	-1	0.01	24	350	9	0.01
NA13567	591507	6982358	STEWART	ROBINSON	20030620	-1	-0.2	1.48	4	-10	150	-0.5	-2	0.09	-0.5	9	17	104	5.44	-10	-1	0.22	10	0.34	77	1	0.13	14	460	8	0.64
NA12433	586899	7004853	STEWART	RYAN	20030615	14	-0.2	2.2	9	-10	250	0.6	-2	0.36	-0.5	11	43	26	3.38	10	-1	0.05	20	0.69	386	1	0.02	26	220	6	0.01
NA12434	586765	7004705	STEWART	RYAN	20030615	7	-0.2	3.03	13	-10	330	1.6	-2	0.67	-0.5	17	13	144	7.32	10	-1	0.14	30	1.12	725	-1	0.03	11	510	8	-0
NA12435	586605	7004589	STEWART	RYAN	20030615	4	-0.2	2.34	7	-10	300	1.1	-2	0.31	-0.5	11	40	28	3.33	10	-1	0.06	20	0.58	434	1	0.01	25	300	6	0.01
NA12436	586462	7004447	STEWART	RYAN	20030615	6	-0.2	2.39	7	-10	240	0.7	-2	0.3	-0.5	12	43	27	3.48	10	-1	0.05	20	0.59	419	-1	0.02	25	280	8	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA13211	-2	9	54	0.28	-10	-10	101	-10	123	OR	QU	0.65	M		C	L	L	M	BDR	S		H	NO ROCKS
NA13212	-2	10	55	0.11	-10	-10	58	-10	41	GN	QU	0.45	M		C	M	M	G	BDR	S		M	NO ROCKS, SOIL A GREEN COLOUR
NA13213	-2	10	79	0.24	-10	-10	96	-10	74	OR	QL	0.4	M		C	L	L	S	COL	S		M	NO ROCKS
NA13214	-2	4	70	0.35	-10	-10	111	-10	57	BN	QD	0.4	M		C	L	L	G	BDR	N	AMP	M	
NA13215	-2	16	30	0.1	-10	-10	106	-10	92	OR	QL	0.6	M		C	L	L	G	BDR	N	SCH	H	QTZ BIO MICA SCHIST
NA13216	-2	8	13	0.31	-10	-10	174	-10	52	GN	QD	0.6	M		C	L	L	G	BDR	N	AMP	H	
NA13217	-2	16	35	0.01	-10	10	85	-10	262	OR		0.6	M		C	L	L	F	BDR	N	AMP	H	WITH GRAY TONES, AMPHIBOLITE OR QUARTZITE?
NA13218	2	6	27	0.12	-10	-10	64	-10	53	BN	QL	0.45	M		C	M	L	F	BDR	N	QTZ	M	
NA13219	-2	5	13	0.14	-10	-10	79	-10	41	BN	QL	0.4	M		C	L	L	G	BDR	N	QTZ	M	
NA13220	-2	4	18	0.13	-10	-10	58	-10	30	BN		0.45	M		C	L	L	G	BDR	N	AMP	H	WITH GREEN TONE, AMPHIBOLITE OR QUARTZITE
NA10970	-2	6	47	0.29	-10	-10	117	-10	65	BN	QL	0.65	M		C	L	H	M	BDR	P		L	
NA10971	-2	3	34	0.23	-10	-10	93	-10	65	BN	QD	0.4	M		C	L	M	M	BDR	N		H	
NA10972	-2	3	26	0.16	-10	-10	70	-10	45	BN	QD	0.4	M	1	B	M	H	M	BDR	P		M	
NA10973	-2	5	62	0.27	-10	-10	105	-10	73	BN	QD	0.35	M	1	C	M	H	M	BDR			M	
NA10974	-2	3	32	0.11	-10	-10	57	-10	41	BN	QD	0.1	M		B	L	H	G	COL	P		M	
NA13550	2	3	16	0.21	-10	-10	79	-10	87	BN	QL	0.4	M	5	B	M	M	G	COL	N		H	
NA13551	-2	6	26	0.15	-10	-10	74	-10	54	BN	QL	0.6	M	5	B	M	M	G	BDR	N		H	
NA13552	-2	3	23	0.15	-10	-10	65	-10	46	BN	QL	0.4	M	5	B	M	L	G	COL	N	QZT	H	LARGE QUARTZITE FLOAT
NA13553	-2	4	27	0.12	-10	-10	62	-10	44	BN	QL	0.5	M	5	B	M	L	G	COL	N		H	
NA13554	2	6	27	0.09	-10	-10	55	-10	37	BN	QL	0.4	M	5	B	M	L	G	COL	N			
NA13555	-2	4	21	0.14	-10	-10	76	-10	46	BN	QL	0.4	M	10	B	M	L	G	COL	N		M	
NA13556	-2	6	45	0.05	-10	-10	28	-10	112	BN	QL	0.5	M	5	B	M	L	G	COL	N		H	
NA13557	-2	4	22	0.11	-10	-10	65	-10	48	BN	QU	0.4	M	5	B	H	H	G	COL	N		M	
NA13558	-2	8	12	0.17	-10	-10	84	-10	71	BN	QL	0.6	M	5	B	L	L	G	BDR	N		H	
NA13559	-2	3	19	0.1	-10	-10	71	-10	57	BN	QL	0.45	M	5	B	L	L	G	BDR	N		H	
NA13560	2	6	29	0.1	-10	-10	74	-10	51	BN	QL	0.5	M	5	B	L	L	G	BDR	N		H	
NA13561	-2	5	11	0.11	-10	-10	72	-10	41	GY	QU	0.6	M	5	C	L	L	G	COL	N		H	
NA13562	-2	10	20	0.21	-10	-10	172	-10	120	GY	QU	0.45	M	5	B	L	L	G	BDR	N		M	
NA13563	-2	5	27	0.17	-10	-10	82	-10	58	BN	QU	0.5	M	5	B	L	L	G	BDR	N		H	
NA13564	2	6	22	0.2	-10	-10	104	-10	67	BN	QU	0.3	M	5	B	L	L	G	BDR	N		M	
NA13221	2	9	25	0.11	-10	-10	141	-10	56	OR		0.45	M		C	L	L	G	BDR	N	AMP	H	
NA13222	-2	8	10	0.24	-10	-10	216	-10	39	BN		0.45	M		C	L	L	G	BDR	N	AMP	H	
NA13223	-2	13	28	0.13	-10	-10	108	-10	44	OR	QL	0.5	M		C	M	L	F	BDR	N	AMP	M	
NA13224	-2	6	23	0.1	-10	-10	60	-10	42	BN	QL	0.25	M		C	L	L	F	BDR	N	ULM	M	ULTRAMAFIC?
NA13225	-2	34	44	0.03	-10	-10	129	-10	88	OR	QB	0.6	M		C	M	M	G	BDR	N	ULM	H	
NA13226	-2	6	20	0.2	-10	-10	96	-10	61	OR	QD	0.6	M		C	L	L	M	COL	N	SCH	H	QUARTZ MUSC SCHIST?
NA13227	-2	6	33	0.09	-10	-10	88	10	106	OR	QU	0.6	M		C	L	L	G	COL	N		H	NO ROCKS
NA13228	-2	4	22	0.04	-10	-10	57	-10	85	OR	QL	0.35	M		C	L	L	G	COL	N		H	NO ROCKS
NA13229	-2	8	34	0.11	-10	10	93	10	108	BN	QL	0.5	M		C	L	L	M	COL	N	SCH	H	MICA BIO SCHIST
NA13230	2	7	27	0.08	-10	10	103	-10	118	BN	QL	0.7	M		C	L	L	M	COL	N	SCH	H	QUARTZ MICA SCHIST?
NA13231	2	3	32	0.09	-10	-10	59	-10	69	BN	QD	0.4	M		C	L	L	M	COL	N	SCH	M	BIO SCHIST?
NA13232	-2	3	24	0.18	-10	-10	47	-10	29	BN	QL	0.35	M		C	L	L	F	BDR	N	SCH	M	BIOTITE SCHIST?
NA13233	-2	8	25	0.13	-10	-10	78	-10	26	BN	QL	0.6	M		C	L	L	G	BDR	N		H	NO ROCKS
NA13234	-2	3	10	0.07	-10	-10	44	-10	14	BN	QD	0.4	M		C	L	L	G	BDR	N	AMP	M	AMPHIBOLITE?
NA13235	-2	6	20	0.09	-10	-10	66	-10	51	OR	QL	0.4	M		C	L	L	M	COL	S		M	NO ROCKS
NA13236	-2	11	31	0.06	-10	-10	57	-10	50	OR	QB	0.6	M		C	H	H	F	COL	S		M	WET SAMPLE BUT VERY ORANGE
NA13237	-2	2	42	0.15	-10	-10	28	-10	26	OR	QL	0.45	M		C	L	L	F	BDR	N		H	NO ROCKS, LOTS OF MICA IN SOIL
NA13238	-2	7	33	0.14	-10	-10	88	10	48	BN		0.4	M		C	L	L	F	BDR	N	QTZ	M	QUARTZITE?
NA13239	-2	5	18	0.08	-10	-10	52	-10	37	BN		0.35	M		C	L	L	G	BDR	N	SCH	M	QUARTZ BIOTITE SCHIST?
NA13240	-2	5	24	0.11	-10	-10	62	-10	43	BN	QL	0.3	M		C	L	L	S	COL	N	AMP	M	
NA13241	-2	3	17	0.05	-10	-10	24	-10	15	GN	QU	0.4	M		C	L	L	M	COL	N	SCH	H	QUARTZ BIOTITE SCHIST?
NA13243	-2	7	15	0.08	-10	-10	49	-10	35	BN		0.7	M		C	L	L	G	COL	N		H	TAKEN OFF THE ROAD, NO TAGS OF MARKERS LEFT FOR ANYONE TO SEE
NA13200	-2	10	19	0.05	-10	-10	38	-10	70	OR	QL	0.25	M		C	L	L	F	BDR	N	QTZ	H	QUARTZITE?
NA13201	-2	8	49	0.23	-10	-10	126	10	88	BN		0.3	M		C	L	L	F	BDR	S	AMP	H	REDDISH TONE
NA13202	-2	11	20	0.11	-10	10	70	10	84	BN	QL	0.7	M		C	L	L	F	BDR	N	SCH	H	QTZ MICA SCHIST?
NA13203	-2	12	44	0.2	-10	-10	91	10	83	BN	QD	0.4	M		C	L	L	F	BDR	N		H	NO ROCK, SOME MICA IN SOIL
NA13204	-2	7	32	0.17	-10	-10	93	10	85	BN	QU	0.35	M		B	L	L	G	BDR	S	SCH	M	QTZ MICA/BIOTITE SCHIST?
NA13205	-2	8	34	0.17	-10	-10	86	-10	61	BN		0.45	M		C	L	L	G	COL	S		H	NO ROCKS
NA13565	-2	5	18	0.15	-10	-10	83	-10	87	BN	QU	0.4	M	5	B	L	L	M	BDR	N		H	ROCKY SOIL
NA13566	-2	3	16	0.08	-10	-10	70	10	52	BN	QU	0.45	M	5	A	H	H	G	BDR	N		L	
NA13567	-2	7	32	0.02	-10	-10	122	10	43	OR	QD	0.6	M	5	B	L	L	M	BDR	N		H	
NA12433	-2	7	35	0.12	-10	-10	76	-10	56	BN		0.4	M		B	H	L	F	BDR	S	GNT	M	GNT. Rx AROUND AS FLOAT SOIL NOT AS GOOD AS PREVIOUS
NA12434	-2	21	201	0.05	-10	-10	164	-10	174	OR		0.65	M		C	L	L	F	BDR	S		H	GOOD SAMP. ORANGE COLOR AROUND SOIL
NA12435	-2	7	34	0.08	-10	-10	71	-10	56	BN		0.45	M		B	M	L	F	BDR	S	GNT	M	NO Rx POOR SOIL COMPARED TO LAST ONE
NA12436	-2	7	29	0.11	-10	-10	76	-10	58	BN		0.45	M		B	M	M	F	BDR	S	GNT	M	WET SOIL SOME Rx GNT. Rx NOT THE BEST QUALITY SOIL

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12437	586311	7004315	STEWART	RYAN	20030615	1	-0.2	2.15	10	-10	150	-0.5	-2	0.21	-0.5	10	33	18	3.5	10	-1	0.07	20	0.5	279	1	0.01	17	490	17	0.01
NA12438	586191	7004183	STEWART	RYAN	20030615	4	-0.2	2.58	7	-10	250	0.9	-2	0.63	-0.5	23	19	72	5.58	10	-1	0.25	10	1.36	817	-1	0.04	16	370	43	0.01
NA12439	586335	7004039	STEWART	RYAN	20030615	5	-0.2	3.7	6	-10	300	-0.5	-2	0.64	-0.5	27	7	86	5.94	10	-1	0.96	10	1.44	595	-1	0.06	10	400	3	0.01
NA12440	586460	7003882	STEWART	RYAN	20030615	3	-0.2	2.76	10	-10	200	0.7	-2	0.31	-0.5	12	26	50	4.32	10	-1	0.24	30	0.9	847	-1	0.01	18	270	20	0.01
NA12441	586576	7003716	STEWART	RYAN	20030615	4	-0.2	2.31	11	-10	220	0.8	-2	0.39	-0.5	12	37	36	3.74	10	-1	0.05	20	0.69	538	-1	0.02	23	320	11	0.01
NA12442	586699	7003558	STEWART	RYAN	20030615	4	0.2	2.44	13	-10	230	0.6	-2	0.22	-0.5	13	40	31	3.56	10	-1	0.07	20	0.65	494	-1	0.01	29	190	78	0.01
NA12443	586752	7003371	STEWART	RYAN	20030615	4	0.2	2.13	36	-10	190	0.9	-2	0.16	-0.5	11	29	47	3.56	10	-1	0.08	20	0.44	907	1	0.01	21	350	299	0.01
NA12444	586811	7003178	STEWART	RYAN	20030615	7	0.2	2.23	14	-10	250	0.7	-2	0.31	-0.5	13	39	32	3.41	10	-1	0.07	30	0.68	584	1	0.02	28	350	23	0.01
NA12445	586917	7003027	STEWART	RYAN	20030615	190	16	0.95	10	-10	220	-0.5	-2	0.14	-0.5	3	9	80	2.3	-10	-1	0.2	10	0.3	130	5	0.01	5	230	1315	0.15
NA12446	587063	7002898	STEWART	RYAN	20030615	3	-0.2	2.95	9	-10	220	0.5	-2	0.32	-0.5	13	33	27	3.55	10	-1	0.1	10	0.65	410	1	0.01	26	220	20	0.01
NA12447	587260	7002880	STEWART	RYAN	20030615	3	0.2	2.65	7	-10	240	0.6	-2	0.31	-0.5	14	44	33	3.74	10	-1	0.05	20	0.73	485	-1	0.02	27	290	17	0.01
NA12448	587445	7002834	STEWART	RYAN	20030615	6	-0.2	2.3	12	-10	290	0.7	-2	0.34	-0.5	13	36	31	3.47	10	-1	0.08	20	0.67	504	-1	0.02	23	270	20	0.01
NA12449	587614	7002734	STEWART	RYAN	20030615	5	-0.2	2.71	12	-10	230	0.7	-2	0.33	-0.5	14	44	32	3.73	-10	-1	0.06	20	0.74	402	-1	0.02	28	290	11	0.01
NA12450	587785	7002622	STEWART	RYAN	20030615	5	0.2	2.32	12	-10	320	0.7	-2	0.44	-0.5	12	47	40	3.83	-10	-1	0.07	30	0.72	467	1	0.02	30	380	14	0.01
NA12451	587958	7002522	STEWART	RYAN	20030615	4	-0.2	2.29	12	-10	270	0.6	-2	0.45	-0.5	11	37	37	4.27	10	-1	0.09	20	0.71	554	1	0.02	26	380	8	0.01
NA12452	588140	7002410	STEWART	RYAN	20030615	15	-0.2	1.47	28	-10	120	-0.5	-2	0.14	-0.5	7	18	17	2.8	10	-1	0.12	10	0.26	470	1	0.01	8	460	11	0.01
NA12454	588292	7002272	STEWART	RYAN	20030615	2	-0.2	2.64	12	-10	170	0.5	-2	0.17	-0.5	11	40	22	3.97	10	-1	0.05	10	0.55	287	1	0.01	22	330	12	0.01
NA12455	581229	7006877	STEWART	RYAN	20030616	6	0.2	2.58	13	-10	370	1.1	-2	1.2	-0.5	38	170	218	6.53	10	-1	0.82	30	1.79	851	1	0.03	171	2510	68	0.03
NA12456	581027	7006888	STEWART	RYAN	20030616	3	-0.2	1.71	24	-10	350	-0.5	-2	0.27	-0.5	11	34	40	3.3	10	-1	0.08	20	0.56	352	1	0.01	29	580	18	0.02
NA12457	580829	7006866	STEWART	RYAN	20030616	10	-0.2	2.56	15	-10	980	0.9	-2	0.42	-0.5	20	70	95	4.57	10	-1	0.37	20	1.14	572	1	0.03	53	650	9	0.04
NA12458	580634	7006826	STEWART	RYAN	20030616	6	0.4	2.18	12	-10	500	0.5	-2	0.34	-0.5	12	42	38	3.5	-10	-1	0.06	20	0.66	433	1	0.02	30	390	12	0.01
NA12459	580506	7006842	STEWART	RYAN	20030616	7	0.3	1.87	15	-10	400	0.5	-2	0.28	-0.5	15	44	52	3.91	-10	-1	0.15	20	0.73	444	2	0.02	42	350	10	0.06
NA12460	580339	7006957	STEWART	RYAN	20030616	2	-0.2	2.21	13	-10	310	0.5	-2	0.4	-0.5	13	44	34	3.61	-10	-1	0.06	20	0.68	377	-1	0.02	30	370	9	0.01
NA12461	580149	7007023	STEWART	RYAN	20030616	10	-0.2	3.81	13	-10	2210	0.7	-2	0.54	-0.5	30	108	56	5.13	10	-1	1.27	10	2.52	801	1	0.03	93	1300	24	0.01
NA12462	580008	7007167	STEWART	RYAN	20030616	9	0.8	1.72	19	-10	430	1.3	2	0.15	-0.5	15	40	148	8.12	-10	1	0.67	60	0.8	210	6	0.04	74	1450	20	0.59
NA12463	579854	7007302	STEWART	RYAN	20030616	3	-0.2	1.34	4	-10	60	-0.5	-2	0.32	-0.5	23	178	36	1.57	-10	-1	0.02	10	1.75	199	-1	0.02	251	60	-2	-0
NA12464	579693	7007424	STEWART	RYAN	20030616	2	-0.2	1.63	7	-10	90	-0.5	-2	0.16	-0.5	53	395	33	2.49	-10	-1	0.02	10	3.09	241	-1	0.01	623	100	3	-0
NA12465	579528	7007536	STEWART	RYAN	20030616	5	-0.2	1.73	13	-10	170	-0.5	-2	0.45	-0.5	11	57	38	2.46	-10	-1	0.03	10	0.78	232	-1	0.02	34	440	5	-0
NA12466	579385	7007675	STEWART	RYAN	20030616	2	-0.2	1.95	8	-10	240	-0.5	-2	0.38	-0.5	11	35	28	3.02	-10	-1	0.05	20	0.62	246	-1	0.02	26	380	12	0.01
NA12467	579248	7007813	STEWART	RYAN	20030616	6	0.2	2.06	14	-10	270	0.5	-2	0.28	-0.5	14	54	61	3.69	10	-1	0.16	30	0.8	435	1	0.02	39	380	14	0.01
NA12401	581332	7007343	STEWART	RYAN	20030614	3	0.2	3.04	11	-10	230	0.5	-2	0.14	-0.5	24	56	50	5.41	10	-1	0.87	50	1.1	421	-1	0.01	53	250	14	0.01
NA12402	581343	7007144	STEWART	RYAN	20030614	1	-0.2	2.34	6	-10	150	-0.5	-2	0.16	-0.5	14	70	26	4.38	10	1	0.58	20	0.8	379	-1	0.01	35	400	15	0.03
NA12403	581379	7006946	STEWART	RYAN	20030614	2	-0.2	0.92	4	-10	120	-0.5	-2	0.2	-0.5	10	24	23	3.98	-10	-1	0.2	50	0.34	148	-1	0.01	23	350	5	-0
NA12404	581530	7006804	STEWART	RYAN	20030614	4	-0.2	2.12	6	-10	160	0.6	-2	0.29	-0.5	14	37	33	3.73	10	-1	0.32	20	0.66	434	-1	0.02	28	620	17	0.01
NA12405	581658	7006657	STEWART	RYAN	20030614	2	-0.2	2.09	5	-10	160	-0.5	-2	0.28	-0.5	13	47	36	3.07	10	-1	0.37	80	0.8	270	-1	0.01	35	490	32	0.02
NA12406	581807	7006515	STEWART	RYAN	20030614	2	-0.2	1.94	11	-10	150	-0.5	-2	0.23	-0.5	14	38	35	4.09	10	-1	0.32	20	0.63	448	-1	0.01	27	460	18	0.02
NA12407	581765	7006322	STEWART	RYAN	20030614	2	-0.2	3.31	2	-10	770	0.7	3	0.46	0.5	52	756	60	5.3	10	1	1.71	10	5.09	436	-1	0.03	530	450	12	0.01
NA12408	581845	7006135	STEWART	RYAN	20030614	2	0.3	2.9	11	-10	300	-0.5	-2	0.18	-0.5	23	54	48	5.24	10	-1	0.97	50	1.1	455	-1	0.01	49	480	13	0.01
NA12409	581922	7005958	STEWART	RYAN	20030614	3	-0.2	2.33	12	-10	170	-0.5	-2	0.21	-0.5	13	36	18	3.56	10	1	0.1	20	0.58	361	-1	0.01	27	290	9	0.01
NA12410	581936	7005763	STEWART	RYAN	20030614	4	-0.2	2.34	10	-10	1020	0.5	2	0.35	-0.5	14	111	88	4.57	10	-1	0.3	20	1.17	407	-1	0.03	41	950	38	0.26
NA12411	581955	7005571	STEWART	RYAN	20030614	5	-0.2	2.96	9	-10	310	0.9	2	0.52	-0.5	20	234	38	4.9	20	1	0.88	40	1.81	508	-1	0.01	87	1600	16	0.02
NA12412	582008	7005376	STEWART	RYAN	20030614	4	-0.2	2.4	12	-10	320	2.7	-2	1.92	0.6	54	206	95	5.91	10	-1	0.35	70	1.87	1630	-1	0.04	285	6380	19	0.01
NA12413	582062	7005187	STEWART	RYAN	20030614	3	-0.2	2.01	7	-10	390	0.7	2	0.84	-0.5	28	275	54	4.17	10	-1	1.12	30	2.06	475	-1	0.01	196	2840	190	0.01
NA12414	582071	7004990	STEWART	RYAN	20030614	1	-0.2	2.62	9	-10	270	-0.5	2	0.37	-0.5	28	92	53	4.84	10	1	0.9	60	1.28	577	-1	0.01	88	850	26	0.02
NA12416	582136	7004600	STEWART	RYAN	20030614	2	-0.2	2.22	10	-10	240	-0.5	-2	0.24	-0.5	14	39	26	3.39	10	-1	0.22	30	0.62	439	-1	0.01	28	600	15	0.01
NA12417	582019	7004473	STEWART	RYAN	20030614	4	-0.2	3.03	9	-10	170	0.9	-2	0.35	-0.5	20	50	38	3.93	10	1	0.28	20	1.12	518	-1	0.01	49	430	7	0.01
NA12418	581838	7004549	STEWART	RYAN	20030614	1	-0.2	1.93	3	-10	120	-0.5	-2	0.32	-0.5	16	34	43	3.53	10	-1	0.39	50	0.81	227	-1	0.01	37	930	4	-0
NA12419	581637	7004588	STEWART	RYAN	20030614	3	-0.2	3.72	4	-10	790	0.6	-2	0.55	1.2	26	168	134	6.69	20	1	1.6	80	2.25	848	-1	0.03	64	1340	18	0.42
NA12420	581443	7004614	STEWART	RYAN	20030614	14	-0.2	2.77	19	-10	230	-0.5	2	0.18	-0.5	21	51	27	5.4	10	1	0.88	60	1.08	330	-1	0.01	37	280	6	0.05
NA12421	581254	7004641	STEWART	RYAN	20030614	1	0.2	2.83	12	-10	160	0.6	2	0.21	-0.5	15	51	40	3.85	10	1	0.35	20	0.93	440	-1	0.01	38	320	11	0.01
NA12422	581073	7004577	STEWART	RYAN	20030614	4	-0.2	3.13	6	-10	1140	0.6	2	0.29	-0.5	21	53	74	5.88	10	-1	1.06	60	2.2	405	1	0.03	44	830	13	0.24
NA12423	580887	7004501	STEWART	RYAN	20030614	7	-0.2	3.24	69	-10	290	-0.5	2	0.83	-0.5	31	198	146	4.76	10	1	0.07	10	2.45	939	-1	0.04	77	890	5	0.01
NA12424	580693	7004450	STEWART	RYAN	20030614	5	-0.2	2.48	12	-10	870	0.9	2	0.22	-0.5	21	115	45	4.61	10	1	0.25	20	0.88	599	-1	0.02	89	310	5	0.01
NA12425	580511	7004540	STEWART	RYAN	20030614	5	-0.2	2.87	6	-10	700	0.9	2	0.61	-0.5	27	95	32	4.37	10	1	0.31	10	2.09	516	-1	0.02	58	1030	10	0.01
NA12427	587987	7005160	STEWART	RYAN	20030615	1	-0.2	2.32	12	-10	170	0.6	2	0.23	-0.5	12	43	24	3.82	10	1	0.06	10	0.65	410	-1	0.02	22	430	8	0.01
NA12428	587863	7005003	STEWART	RYAN	20030615	3	-0.2	2.19	8	-10	170	-0.5	-2	0.27	-0.5	11	37	24	3.01	10	1	0.05	10	0.58	305	-1	0.01	24	460	7	0.01
NA12429	587658	7005000	STEWART	RYAN	20030615	3	-0.2	2.33	12	-10	260	0.5	-2	0.33	-0.5	12	40	27	3.28	10	1	0.05	20	0.59	360	-1	0.02	26	430	7	0.01
NA12430	587447	7004997	STEWART	RYAN	20030615	2	-0.2	2.53	10	-10	240	0.7	2	0.26	-0.5	12	41	23	3.45	10	-1	0.05	20	0.56	389	-1	0.01	26	220	8	0.01
NA12431	587252	7005020	STEWART	RYAN	20030615	4	-0.2	2.04	9	-10	210	0.5	2	0.33	-0.5	10	38	23	3.02	10	1	0.05	20	0.6	361	-1	0.02	24	290	6	0.01
NA12432	587071	7004968	STEWART	RYAN	20030615	4	-0.2	1.92	8	-10	230	1.3	-2	0.35	-0.5	10	13	17	4.07	10	-1	0.39	30	0.6	698	-1	0.02	8	390	8	-0
NA12396	583659	7009808	STEWART	FLEMING	20030616	-1	-0.2	2.72	6	-10	290	-0.5	2	0.37	-0.5	24	29	53	4.36	10	-1	1.05	10	2.01	495	-1	0.04	20	260	3	-0
NA12397	583740	7009998	STEWART	FLEMING	20030614	3	-0.2	2.33	6	-10	600	-0.5	-2	0.55	-0.5	14	17	49	5.5	10	-1	0.74	20	1.83	344	1	0.03	11	1480	4	0.08

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA12437	-2	4	19	0.09	-10	-10	71	-10	50	BN		0.4	M	5	B	L	L	F	BDR	S	GNT	M	GNT. Rx SOIL HAS A TOUCH OF ORANGE COLOR
NA12438	-2	16	37	0.23	-10	-10	174	-10	80	BN		0.6	M		C	L	L	F	BDR	N	AMP	H	AMP. Rx
NA12439	-2	14	67	0.28	-10	-10	251	-10	70	BN		0.6	M		C	L	L	M	COL	N	AMP	H	AMP. Rx IN SOIL
NA12440	-2	11	31	0.13	-10	-10	73	-10	128	OR		0.5	M		C	L	L	F	BDR	N	AMP	H	AMP. Rx OR/BN SOIL COLOR
NA12441	-2	11	40	0.1	-10	-10	68	-10	82	BN		0.55	M		C	M	L	F	BDR	N	QZT	M	
NA12442	-2	7	23	0.11	-10	-10	67	-10	76	BN		0.55	M		C	M	L	F	BDR	N	QZT	M	QUARTZITE?
NA12443	3	7	17	0.06	-10	-10	51	-10	183	OR		0.4	M		C	L	L	F	BDR	N	QZT	M	QUARTZITE OR GRANITE? OG/BRN SOIL
NA12444	-2	9	30	0.1	-10	-10	66	-10	75	BN		0.55	M		B	L	L	F	BDR	N	QZT	M	RUSTY QUARTZITE ?
NA12445	-2	2	18	0.02	-10	-10	16	-10	247	OR		0.6	M		C	L	L	F	BDR	N	QZT	H	QUARTZITE? PUMPKIN PRANGE SOIL LOTS OF MUSC. IN SOIL
NA12446	-2	5	200	0.12	-10	-10	65	-10	82	BN		0.5	M		B	M	L	G	BDR	N	QZT	M	QUARTZITE?
NA12447	-2	8	48	0.12	-10	-10	76	-10	66	BN		0.5	M		B	H	L	G	BDR	N	QZT	L	QUARTZITE? POOR SOIL MOSTLY LOESS
NA12448	-2	9	99	0.12	-10	-10	66	-10	70	BN		0.5	M		B	M	L	G	BDR	N	QZT	M	QUARTZITE?
NA12449	-2	7	31	0.12	-10	-10	75	-10	68	BN		0.4	M		B	H	L	F	BDR	N	QZT	L	QUARTZITE? POOR SOIL MOSTLY LOESS
NA12450	-2	10	41	0.12	-10	-10	75	-10	69	BN		0.45	M		B	M	L	F	BDR	N		L	NO Rx POOR SOIL LOESS
NA12451	2	12	39	0.12	-10	-10	67	-10	92	BN		0.6	M		C	M	L	G	COL	N		M	NO Rx
NA12452	3	4	18	0.09	-10	-10	50	-10	60	BN		0.25	M	10	C	L	L	F	BDR	N	GNE	M	GRANITE GNEISS ?
NA12454	-2	6	17	0.09	-10	-10	70	-10	53	BN		0.3	M		B	M	L	F	BDR	N	QZT	L	QUARTZITE? POOR SOIL LOESS
NA12455	-2	10	76	0.26	-10	-10	115	-10	106	BN		0.7	M		C	L	L	G	COL	N	AMP	H	AMP-GNT MIX?
NA12456	-2	3	24	0.09	-10	-10	68	-10	75	BN		3	M	10	B	M	L	M	COL	N	QTZ	M	RUSTY QTZ? RXY GROUND HARD TO GET GOOD SAMP.
NA12457	2	9	33	0.17	-10	-10	105	-10	99	BN		0.6	M		C	L	L	G	COL	N	AMP	H	
NA12458	-2	7	29	0.1	-10	-10	71	-10	59	BN		0.5	M		B	M	L	G	COL	N		M	NO RX 50/50SL SAMP. LOTS OF LOESS
NA12459	-2	6	35	0.1	-10	-10	77	-10	102	BN		0.6	M		C	L	L	F	BDR	N		M	NO RX
NA12460	2	7	34	0.13	-10	-10	76	-10	60	BN		0.5	M	5	B	M	L	F	BDR	N	AMP	M	RUSTY AMP?
NA12461	2	23	30	0.24	-10	-10	176	-10	124	BN		0.55	M		C	L	L	F	BDR	N		H	NO RX
NA12462	2	6	36	0.08	-10	-10	81	-10	260	BN		0.6	M		C	L	L	F	BDR	N	AMP	H	AMP?
NA12463	-2	5	14	0.07	-10	-10	30	-10	20	GY	GN	0.6	M		BC	L	L	F	BDR	N	AMP	H	SL COLOR GY/GN
NA12464	-2	4	12	0.06	-10	-10	48	-10	34	GY	GN	0.4	M		C	L	L	F	BDR	N	ULM	H	ULM?
NA12465	-2	5	24	0.1	-10	-10	54	-10	34	BN		0.4	M		C	L	L	F	BDR	N	AMP	H	ULM OR AMP? SL BN/GY
NA12466	-2	5	31	0.12	-10	-10	63	-10	48	BN		0.25	M		B	M	M	F	BDR	N		L	NO RX RXY GROUND AT 30CM DEEP POOR SL MOSTLY LOESS
NA12467	2	6	23	0.12	-10	-10	69	-10	80	BN		0.3	M	10	B	M	L	G	COL	N	SCH	M	QTZ-MIC SCH POOR SOIL LOTS OF LOESS
NA12401	3	8	17	0.19	-10	-10	64	-10	103	BN		0.2	M		B	L	L	G	BDR	N	SCH	M	QTZ-MIC-SCH
NA12402	-2	5	18	0.21	-10	-10	64	-10	75	BN		0.15	M	20	B	L	L	F	BDR	N	SCH	M	QTZ-MUS-SCH
NA12403	-2	5	18	0.07	-10	-10	63	-10	34	BK		0.15	M	10	B	M	M	G	BDR	N	SCH	M	Q-MIC-SCH LOTS OF MICA IN SOIL
NA12404	-2	5	21	0.14	-10	-10	66	-10	76	BN		0.3	M	10	B	L	L	G	BDR	N	SCH	M	Q-MU-SCH
NA12405	-2	6	22	0.15	-10	-10	54	-10	71	BK		0.15	M	20	B	H	H	G	COL	S	SCH	L	RXY GROUND AND FROZEN Q-M-SCH
NA12406	-2	5	20	0.15	-10	-10	82	-10	64	BN		0.15	M	20	C	L	L	F	BDR	N	SCH	M	QTZ MUSC SCH STEWART MT
NA12407	2	3	65	0.26	-10	-10	76	-10	90	BN		0.45	M		C	L	L	F	BDR	S	SCH	H	QTZ MUSC SCH SL HAS A BL LAYER AT THE BOTTOM
NA12408	-2	8	17	0.2	-10	-10	56	-10	105	BN		0.3	M		C	L	L	G	COL	N	SCH	H	QTZ MUSC SCH
NA12409	2	4	18	0.1	-10	-10	66	-10	57	BN		0.3	M	10	B	M	L	F	BDR	N	SCH	M	RXY WET GROUND QTZ MUSC SCH
NA12410	-2	7	89	0.27	-10	-10	128	-10	86	BN		0.25	M	5	B	L	L	G	COL	N	SCH	M	QTZ MUSC SCH?
NA12411	2	9	44	0.26	-10	-10	95	-10	105	BN		0.15	M	5	B	L	L	F	BDR	N	SCH	M	QTZ MUSC SCH LOTS OF RX AROUND HARD TO GET GOOD SAMP.
NA12412	2	16	79	0.15	-10	-10	126	-10	131	BN		0.5	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCH + AMP
NA12413	-2	5	54	0.26	-10	-10	83	-10	74	BN		0.5	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCH?
NA12414	3	7	30	0.21	-10	-10	60	-10	84	BN		0.5	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCH BDR 8M AWAY
NA12416	2	4	20	0.11	-10	-10	64	-10	68	BN		0.2	M	20	B	L	L	F	COL	N	SCH	H	QTZ MUSC SCH
NA12417	-2	5	38	0.15	-10	-10	58	-10	60	OR		0.2	M	10	C	L	L	G	COL	N	SCH	M	QTZ MUSC SCH
NA12418	-2	5	72	0.11	-10	-10	34	-10	76	OR		0.5	M		C	L	L	G	COL	N	SCH	H	QTZ-MUSC SCH
NA12419	-2	15	313	0.41	-10	-10	132	-10	156	OR		0.5	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCH FROM LOOK OF SL COLOR
NA12420	3	7	30	0.27	-10	-10	60	-10	73	BN		0.35	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCH
NA12421	-2	5	34	0.16	-10	-10	68	-10	60	BN		0.3	M		C	L	L	G	BDR	N	SCH	M	QTZ MUSC SCH
NA12422	2	14	50	0.21	-10	-10	134	-10	133	BN		0.4	M		C	L	L	G	BDR	S	SCH	H	QTZ-MUSC SCH?
NA12423	2	19	35	0.16	-10	-10	152	-10	76	OR		0.45	M		C	L	L	F	BDR	N	AMP	H	AMP?
NA12424	-2	13	19	0.09	-10	-10	118	-10	104	BN		0.45	M	0	C	L	H	F	BDR	N	AMP	H	AMP?
NA12425	-2	6	49	0.31	-10	-10	113	-10	86	BN		0.35	M	10	C	L	L	G	BDR	N	AMP	M	
NA12427	-2	7	22	0.11	-10	-10	99	-10	68	BN		0.2	M	20	B	M	M	F	BDR	S	GNT	L	GRANITIC ROCK, HARD TO GET GOOD SAMPLE
NA12428	-2	5	25	0.09	-10	-10	71	-10	53	BN		0.2	M	20	B	H	H	F	BDR	S	GNT	L	RxY GROUND POOR SOIL SAMPLING
NA12429	-2	6	29	0.09	-10	-10	76	-10	57	BN		0.5	M		B	M	L	F	BDR	S	GNT	M	ROCKY GROUND
NA12430	-2	6	34	0.1	-10	-10	85	-10	67	BN		0.25	M	20	B	M	M	F	BDR	S	GNT	M	GNT ROCKY GROUND POOR SOIL CONDITION
NA12431	-2	6	28	0.1	-10	-10	73	-10	52	BN		0.4	M		B	L	L	F	BDR	S	GNT	M	GNT SUBCROP AROUND SOIL BETTER BUT STILL POORLY DEVELOPED
NA12432	-2	15	29	0.11	-10	-10	48	-10	53	OR		0.5	M		C	L	L	G	BDR	S	GNT	H	GNT AROUND FIRST GOOD SOIL ON TRAVERSE SINCE 12427 SOIL COLOR TURN ORANGY AROUND 40 CM
NA12396	-2	7	12	0.3	-10	-10	135	-10	57	BN	QE	0.5	M		C	L	L	G	BDR	N		H	GN-BN
NA12397	-2	13	30	0.2	-10	-10	147	-10	165	OR	QE	0.6	M		C	L	L	G	BDR	N		H	LT-OR BN

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12398	583821	7010191	STEWART	FLEMING	20030614	2	-0.2	2.07	7	-10	190	-0.5	-2	0.59	-0.5	19	51	29	3.82	10	-1	0.07	10	1.1	389	-1	0.05	36	620	15	-0
NA12399	583825	7010396	STEWART	FLEMING	20030614	3	-0.2	1.83	7	-10	120	-0.5	-2	0.33	-0.5	20	408	79	2.26	-10	-1	0.14	-10	1.4	298	-1	0.02	51	390	7	-0
NA11924	594829	6998161	STEWART	LINLEY	20030613	4	-0.2	2.22	7	-10	230	-0.5	-2	0.32	-0.5	12	36	25	3.15	10	-1	0.05	10	0.63	278	-1	0.02	23	480	6	0.01
NA11925	594671	6998282	STEWART	LINLEY	20030613	2	-0.2	2.12	6	-10	210	-0.5	-2	0.24	-0.5	9	33	21	3.3	10	-1	0.05	10	0.49	259	1	0.01	18	290	9	0.01
NA11926	594547	6998437	STEWART	LINLEY	20030613	2	-0.2	2.96	8	-10	200	-0.5	-2	0.28	-0.5	13	38	23	4.27	10	-1	0.05	10	0.66	277	-1	0.02	22	330	8	0.01
NA11927	594392	6998579	STEWART	LINLEY	20030613	1	-0.2	2.61	11	-10	210	-0.5	-2	0.25	-0.5	14	38	26	3.91	10	-1	0.07	10	0.71	425	1	0.01	25	300	7	0.01
NA11928	594217	6998678	STEWART	LINLEY	20030613	3	-0.2	1.06	4	-10	100	-0.5	-2	0.14	-0.5	5	16	23	2.12	-10	-1	0.04	10	0.24	142	1	0.02	10	330	6	0.02
NA11929	594034	6998771	STEWART	LINLEY	20030613	3	-0.2	2.28	12	-10	280	-0.5	-2	0.33	-0.5	14	37	39	3.71	10	-1	0.07	10	0.72	463	1	0.02	25	340	10	0.01
NA11930	593805	6998790	STEWART	LINLEY	20030613	2	-0.2	2.28	9	-10	220	-0.5	-2	0.22	-0.5	11	34	20	3.41	10	-1	0.04	10	0.48	466	1	0.01	19	290	8	0.01
NA11931	593640	6998687	STEWART	LINLEY	20030613	1	0.4	1.69	5	-10	170	-0.5	-2	0.2	-0.5	8	20	37	2.25	-10	-1	0.05	10	0.24	217	1	0.03	16	500	9	0.03
NA11932	593538	6998507	STEWART	LINLEY	20030613	2	-0.2	2.37	8	-10	180	-0.5	2	0.16	-0.5	14	32	24	4.01	10	1	0.06	10	0.6	425	1	0.02	19	350	9	0.01
NA11933	593518	6998300	STEWART	LINLEY	20030613	4	-0.2	2.44	10	-10	480	0.5	-2	0.3	-0.5	13	38	112	3.54	10	-1	0.07	20	0.75	358	-1	0.02	27	230	8	0.01
NA11934	593498	6998093	STEWART	LINLEY	20030613	2	-0.2	2.36	9	-10	150	-0.5	-2	0.35	-0.5	15	36	56	3.59	10	-1	0.05	10	0.69	338	-1	0.03	23	310	6	0.01
NA11935	593483	6997898	STEWART	LINLEY	20030613	3	0.2	2.46	8	-10	470	0.5	-2	0.52	-0.5	15	59	74	3.71	10	-1	0.06	30	1.22	405	-1	0.03	38	350	14	-0
NA11936	593445	6997682	STEWART	LINLEY	20030613	1	-0.2	2.36	10	-10	310	-0.5	-2	0.28	-0.5	15	28	29	5.41	10	-1	0.17	20	0.83	320	1	0.04	16	1120	6	0.25
NA11937	593429	6997472	STEWART	LINLEY	20030613	2	-0.2	2.82	7	-10	230	-0.5	-2	0.31	-0.5	15	38	49	4.35	10	-1	0.06	10	0.89	400	-1	0.02	25	240	11	0.01
NA11938	593353	6997274	STEWART	LINLEY	20030613	2	-0.2	2.37	8	-10	240	-0.5	-2	0.17	-0.5	12	36	20	3.54	10	-1	0.05	10	0.54	283	1	0.01	20	190	10	0.01
NA11939	593298	6997081	STEWART	LINLEY	20030613	4	-0.2	2.44	9	-10	270	0.5	-2	0.22	-0.5	12	37	23	3.61	-10	-1	0.06	10	0.58	315	1	0.01	21	210	8	0.01
NA11940	593266	6996868	STEWART	LINLEY	20030613	2	-0.2	2.05	4	-10	250	-0.5	-2	0.37	-0.5	14	35	33	3.67	-10	-1	0.12	10	0.95	337	-1	0.02	19	270	7	-0
NA11941	593252	6996664	STEWART	LINLEY	20030613	1	-0.2	2.11	6	-10	280	-0.5	-2	0.29	-0.5	12	30	29	3.49	10	-1	0.06	10	0.72	295	-1	0.02	19	210	8	-0
NA11942	593238	6996462	STEWART	LINLEY	20030613	4	-0.2	2.17	10	-10	350	-0.5	-2	0.39	0.7	13	30	39	3.8	10	-1	0.27	10	0.75	428	-1	0.03	19	480	4	-0
NA11943	593169	6996281	STEWART	LINLEY	20030613	2	0.2	2.08	5	-10	250	-0.5	-2	0.22	0.9	14	31	22	3.52	10	-1	0.13	10	0.59	647	-1	0.02	16	330	8	0.01
NA11944	593139	6996118	STEWART	LINLEY	20030613	1	-0.2	2.28	9	-10	180	-0.5	-2	0.22	0.5	13	22	22	3.71	10	-1	0.49	10	1.1	514	-1	0.01	12	360	4	-0
NA11945	593181	6995942	STEWART	LINLEY	20030613	1	-0.2	2.47	7	-10	190	-0.5	-2	0.24	0.6	12	21	28	3.68	10	-1	0.61	10	0.99	508	-1	0.01	12	490	4	0.01
NA11946	593279	6995784	STEWART	LINLEY	20030613	1	-0.2	3.49	-2	-10	870	-0.5	-2	0.38	0.6	22	42	73	5.41	10	-1	1.59	20	2.2	842	-1	0.03	20	740	3	0.01
NA11947	593345	6995597	STEWART	LINLEY	20030613	-1	-0.2	2.27	4	-10	360	-0.5	-2	0.39	0.6	15	28	13	3.54	10	1	0.29	10	0.93	749	-1	0.02	13	550	8	0.01
NA11948	593395	6995412	STEWART	LINLEY	20030613	2	0.5	2.46	3	-10	280	-0.5	-2	0.42	0.7	22	24	50	5.23	10	-1	0.56	10	1.72	398	-1	0.02	12	740	2	0.01
NA11949	593385	6995196	STEWART	LINLEY	20030613	3	0.2	2.68	2	-10	390	-0.5	-2	0.55	-0.5	22	11	48	6.6	10	-1	0.35	10	1.34	691	-1	0.03	8	1100	-2	-0
NA13000	576014	7006601	STEWART	LINLEY	20030614	1	-0.2	1.85	10	-10	150	-0.5	-2	0.15	-0.5	11	37	23	2.82	10	-1	0.04	10	0.47	290	1	0.01	26	300	6	0.01
NA13001	576191	7006528	STEWART	LINLEY	20030617	2	-0.2	1.88	8	-10	120	-0.5	-2	0.31	-0.5	17	66	114	1.98	-10	-1	0.03	10	0.73	237	-1	0.01	56	110	5	-0
NA13002	576356	7006421	STEWART	LINLEY	20030614	4	0.3	2.48	10	-10	210	0.5	-2	0.24	-0.5	12	49	37	3.1	10	-1	0.04	10	0.63	294	-1	0.02	28	140	6	-0
NA13003	576517	7006306	STEWART	LINLEY	20030614	3	-0.2	1.34	5	-10	90	-0.5	-2	0.27	-0.5	11	31	89	1.59	-10	-1	0.03	10	0.39	151	-1	0.01	33	280	3	0.01
NA13004	576634	7006148	STEWART	LINLEY	20030614	45	0.2	2.28	8	-10	200	-0.5	-2	0.22	-0.5	12	45	37	2.82	10	-1	0.04	10	0.59	276	-1	0.02	28	360	4	0.01
NA13005	576657	7005948	STEWART	LINLEY	20030614	3	-0.2	2.39	10	-10	160	0.5	-2	0.2	-0.5	14	38	35	2.66	-10	-1	0.04	10	0.57	283	-1	0.02	33	260	4	0.01
NA13006	576833	7005853	STEWART	LINLEY	20030614	1	-0.2	2.68	9	-10	240	-0.5	-2	0.16	-0.5	13	41	29	3.06	10	-1	0.04	10	0.53	296	-1	0.01	27	240	7	0.01
NA13007	577036	7005826	STEWART	LINLEY	20030614	3	0.2	2.33	11	-10	200	-0.5	-2	0.27	-0.5	11	59	102	2.99	10	-1	0.04	10	0.69	245	-1	0.02	54	280	5	0.01
NA13008	577236	7005786	STEWART	LINLEY	20030614	1	-0.2	2.35	4	-10	190	-0.5	-2	0.34	-0.5	15	42	108	3.43	-10	-1	0.05	-10	1.05	442	-1	0.03	19	270	-2	-0
NA13009	577401	7005668	STEWART	LINLEY	20030614	6	0.2	2.44	8	-10	220	0.5	2	0.22	-0.5	14	38	52	3.37	10	-1	0.06	10	0.73	543	-1	0.02	23	250	5	-0
NA13010	577596	7005595	STEWART	LINLEY	20030614	3	-0.2	2.61	10	-10	310	-0.5	-2	0.23	-0.5	12	39	25	2.98	10	-1	0.05	10	0.57	302	-1	0.02	26	250	6	0.01
NA13011	577798	7005583	STEWART	LINLEY	20030614	4	-0.2	2.3	8	-10	300	0.5	-2	0.2	-0.5	10	39	17	3.06	10	-1	0.07	10	0.55	286	-1	0.02	20	170	7	-0
NA13012	577996	7005553	STEWART	LINLEY	20030614	1	-0.2	1.83	6	-10	370	1.2	-2	0.14	-0.5	8	20	13	2.73	-10	-1	0.12	20	0.31	316	-1	0.01	12	160	6	-0
NA13013	578188	7005510	STEWART	LINLEY	20030614	1	-0.2	2.42	5	-10	510	0.8	-2	0.8	0.6	12	29	12	3.66	10	-1	0.33	10	1.14	404	-1	0.03	13	2060	2	-0
NA13014	578385	7005525	STEWART	LINLEY	20030614	2	-0.2	2.74	6	-10	240	0.8	-2	0.41	0.8	20	47	186	3.98	10	-1	0.54	40	1.18	408	-1	0.02	37	1050	8	-0
NA13015	578565	7005447	STEWART	LINLEY	20030614	2	-0.2	1.85	4	-10	370	1.6	-2	0.4	-0.5	8	27	25	3.14	10	-1	0.16	60	0.51	700	-1	0.02	17	580	10	-0
NA13016	578730	7005330	STEWART	LINLEY	20030614	3	-0.2	2.2	9	-10	320	0.8	-2	0.3	0.5	10	38	33	3.14	10	-1	0.07	40	0.54	359	-1	0.02	22	240	5	-0
NA13017	578900	7005222	STEWART	LINLEY	20030614	1	-0.2	1.96	6	-10	250	0.7	-2	0.38	0.5	11	23	35	3.23	10	-1	0.49	60	0.83	743	1	0.01	11	950	7	0.01
NA13018	579079	7005184	STEWART	LINLEY	20030614	4	-0.2	2.29	10	-10	280	0.6	-2	0.19	-0.5	9	37	25	2.97	10	-1	0.04	20	0.51	276	1	0.02	20	400	9	0.01
NA13019	579282	7005159	STEWART	LINLEY	20030614	2	-0.2	2.29	9	-10	190	-0.5	-2	0.17	-0.5	9	36	18	2.89	10	-1	0.04	10	0.46	239	-1	0.01	17	230	8	0.01
NA13020	579496	7005118	STEWART	LINLEY	20030614	2	-0.2	2.66	11	-10	210	-0.5	-2	0.15	0.6	12	38	20	3.32	10	-1	0.05	10	0.56	425	1	0.01	23	260	6	0.01
NA13021	579692	7005076	STEWART	LINLEY	20030614	1	0.2	1.95	3	-10	600	-0.5	-2	0.33	-0.5	10	37	32	3.04	10	-1	0.11	10	0.78	365	-1	0.02	19	370	5	0.01
NA13022	579884	7005021	STEWART	LINLEY	20030614	7	-0.2	2.72	6	-10	1500	0.9	-2	0.36	0.5	20	83	54	5.17	10	-1	0.06	40	1.08	627	1	0.03	55	790	11	0.01
NA13023	580058	7004915	STEWART	LINLEY	20030614	3	0.2	2.07	6	-10	260	-0.5	-2	0.38	-0.5	10	35	34	2.64	10	-1	0.05	10	0.62	264	-1	0.02	23	650	6	0.01
NA13024	580240	7004813	STEWART	LINLEY	20030614	6	-0.2	2.24	8	-10	350	-0.5	-2	0.36	-0.5	11	39	59	3.01	10	-1	0.06	10	0.72	323	-1	0.02	26	510	7	0.01
NA13025	580315	7004651	STEWART	LINLEY	20030614	2	-0.2	2.87	7	-10	250	0.5	-2	0.43	0.5	20	224	32	3.4	10	-1	0.17	10	1.92	512	-1	0.01	110	840	12	0.01
NA12119	596099	6997955	STEWART	FLEMING	20030613	4	-0.2	2.76	10	-10	290	0.6	-2	0.25	0.7	13	43	35	3.59	10	-1	0.07	20	0.68	511	-1	0.02	24	390	8	0.01
NA12120	596067	6997757	STEWART	FLEMING	20030613	3	-0.2	2.7	8	-10	270	0.5	-2	0.3	0.5	11	45	39	3.38	10	-1	0.06	10	0.68	482	-1	0.02	24	360	6	0.01
NA12121	596089	6997558	STEWART	FLEMING	20030613	2	-0.2	2.72	8	-10	340	0.6	-2	0.25	0.8	13	30	25	4.29	10	-1	0.35	10	0.66	695	-1	0.02	16	410	2	0.01
NA12122	596114	6997359	STEWART	FLEMING	20030613	4	-0.2	2.51	8	-10	390	-0.5	-2	0.39	0.6	14	44	57	3.32	10	-1	0.07	10	0.7	377	-1	0.03	30	530	6	0.01
NA12123	596164	6997177	STEWART	FLEMING	20030613	6	-0.2	2.31	9	-10	320	-0.5	-2	0.27	0.5	12	38	41	3.08	10	1	0.06	20	0.65	461	-1	0.02	24	390	5	0.01
NA12124	596296	6997013	STEWART	FLEMING	20030613	3	-0.2	2.89	155	-10	460	-0.5	-2	1.05	1	25	48	272	7.46	10	-1	0.31	20	1.22	1200	4	0.02	45	4970	14	0.07
NA12125	596493	6996969	STEWART	FLEMING	20030613	2	-0.2	2.75	6	-10	250	0.5	-2	0.34	0.7	21	38	72	4.79	10	-1	0.06	10	0.85	821	-1	0.02	22	320	7	0.01
NA12126	596657	6996848	STEWART	FLEMING	20030613	3	0.3	2.87	13	-10	270	-0.5	-2	0.16	0.8	13	42	35	3.55	10	1	0.06	10	0.65	340	-1	0.02	26	170	13	0.01
NA12127	596778	6996688	STEWART	FLEMING	20030613	2	0.3	2.76	9	-10	330	0.5	-2	0.43	0.6	13	44	32	3.46	10	-1	0.06	10	0.74	408	-1	0.03	26	370	4	0.01
NA12128	596858	6996501	STEWART	FLEMING	20030613	2	0.4	2.35	24	-10	190	-0.5	-2	0.47	0.7	21	31	44	4.04	-10	-1	0.06	10	0.94	687	-1	0.04	18	330	4	0.01
NA12129	596952	6996318	STEWART	FLEMING	20030613	-1	-0.2	3.21	-2	-10	1320	-0.5	-2	0.78	0.8	34	25	196	6.32	10	1	0.62	10	1.74	519	-1	0.05	18	1930	2	0.01
NA12400	592116	6995357	STEWART	RYAN	20030613	41	2.7	0.45	450	-10	230	-0.5	2	0.09	1.8	6	2	92	8.92	-10	1	0.2	10	0.08	138	6	0.23	5	580	156	1.07

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA12398	-2	9	15	0.22	-10	-10	110	-10	44	BN	QD	0.5	M		C	L	L	G	BDR	N		H	DULL GRN-BN
NA12399	-2	3	28	0.15	-10	-10	53	-10	28	GN	QU	0.5	M		C	L	L	G	BDR	N		H	
NA11924	-2	5	23	0.09	-10	-10	66	-10	63	BN		0.42	M	1	C	M	H	G	BDR	N		M	
NA11925	-2	5	22	0.09	-10	-10	69	-10	111	BN		0.3	M	0.5	C	H	H	G	BDR	N		M	
NA11926	-2	5	23	0.13	-10	-10	79	-10	56	BN		0.25	M	1	C	H	H	G	BDR	N		M	
NA11927	-2	6	28	0.11	-10	-10	70	-10	60	BN		0.38	M	1	C	M	H	G	BDR	N		M	
NA11928	-2	1	13	0.05	-10	-10	55	-10	48	BN		0.5	M	5	B	L	H	G	BDR	N		L	BDR
NA11929	-2	6	25	0.1	-10	-10	78	-10	80	BN		0.38	M	0	C	H	H	G	BDR	N		M	
NA11930	-2	4	20	0.08	-10	-10	75	-10	58	BN		0.15	M	2	BC	H	H	M	BDR	N		M	DUPE OF 13027
NA11931	-2	2	21	0.06	-10	-10	47	-10	40	BN		0.1	M	3	B	L	M	G	BDR	N		L	BDR
NA11932	-2	4	15	0.12	-10	-10	97	-10	79	BN		0.8	M	1	BC	L	L	M	BDR	N		M	BROWN AND RED SAMPLE
NA11933	-2	7	23	0.12	-10	-10	77	-10	62	BN		0.3	M	0	C	H	H	M	BDR	N		M	
NA11934	-2	5	17	0.11	-10	-10	79	-10	70	BN		0.3	M	0.5	C	L	L	M	BDR	N		H	
NA11935	-2	9	41	0.17	-10	-10	85	-10	67	BN		0.5	M		C	L	L	G	BDR	N		H	
NA11936	-2	4	23	0.12	-10	-10	92	-10	77	BN		0.12	M		C	L	L	G	BDR	N		H	
NA11937	-2	8	29	0.13	-10	-10	108	-10	92	BN		0.3	M		C	M	M	F	BDR	N		M	
NA11938	-2	4	18	0.09	-10	-10	74	-10	60	BN		0.1	M		C	L	L	G	BDR	N		H	
NA11939	-2	7	21	0.08	-10	-10	71	-10	61	BN		0.12	M	0	C	H	M	F	BDR	N		H	
NA11940	-2	5	25	0.17	-10	-10	80	-10	59	BN		0.5	M		C	L	L	G	BDR	N		H	
NA11941	-2	6	23	0.13	-10	-10	79	-10	60	BN		0.3	M		C	M	L	G	BDR	N		H	
NA11942	-2	9	29	0.14	-10	-10	107	-10	71	BN		0.4	M		C	M	M	M	BDR	N		H	
NA11943	-2	5	19	0.1	-10	-10	91	-10	104	BN		0.8	M	0.5	C	L	L	M	BDR	N		M	
NA11944	-2	5	19	0.17	-10	-10	86	-10	50	BN		0.5	M		C	L	L	S	COL	N		H	
NA11945	2	4	21	0.16	-10	-10	84	-10	94	BN		0.5	M	0	C	L	L	S	COL	N		H	
NA11946	-2	17	21	0.27	-10	-10	164	-10	67	BN		0.5	M		C	L	L	M	COL	N		H	
NA11947	-2	4	41	0.16	-10	-10	86	-10	97	BN		0.3	M		C	L	L	M	COL	N		H	
NA11948	-2	9	19	0.24	-10	-10	231	-10	66	BN		0.5	M		C	L	L	S	COL	N		H	
NA11949	-2	19	24	0.15	-10	-10	224	-10	97	BN		0.7	M		C	L	L	G	COL	N		H	DUPE OF 13028
NA13000	-2	3	15	0.09	-10	-10	67	-10	41	BN		0.15	M		C	L	L	G	BDR	N		H	
NA13001	-2	5	26	0.11	-10	-10	47	-10	30	GY		0.15	M		C	L	L	G	BDR	N		H	
NA13002	2	7	28	0.14	-10	-10	77	-10	48	BN		0.27	M		C	H	M	G	BDR	N		H	
NA13003	-2	3	19	0.08	-10	-10	42	-10	25	GY		0.5	M	1	C	L	L	G	BDR	N		H	
NA13004	2	5	20	0.1	-10	-10	70	-10	43	GN		0.15	M		C	L	L	G	BDR	N		H	
NA13005	-2	4	20	0.11	-10	-10	63	-10	45	BN		0.3	M		C	M	L	M	BDR	N		H	
NA13006	-2	4	18	0.12	-10	-10	75	-10	47	BN		0.15	M		C	L	L	G	BDR	N		H	
NA13007	-2	4	22	0.11	-10	-10	78	-10	43	BN		0.1	M		C	L	L	G	BDR	N		H	
NA13008	-2	6	32	0.23	-10	-10	113	-10	52	BN		0.5	M		C	L	M	G	BDR	N		H	
NA13009	-2	8	23	0.12	-10	-10	88	-10	55	BN		0.25	M		C	L	L	G	BDR	N		H	
NA13010	-2	4	21	0.11	-10	-10	73	-10	51	BN		0.2	M	1	C	H	H	G	BDR	N		M	
NA13011	-2	4	22	0.11	-10	-10	67	-10	48	BN		0.25	M		C	L	L	G	BDR	N		H	
NA13012	-2	3	16	0.04	-10	-10	38	-10	37	OR		0.2	M		C	L	L	M	BDR	N		H	
NA13013	2	6	43	0.19	-10	-10	92	-10	43	BN		0.5	M		C	L	L	M	BDR	N		H	
NA13014	-2	8	31	0.17	-10	-10	71	-10	58	BN		0.45	M		C	L	L	M	BDR	N		H	
NA13015	-2	6	34	0.07	-10	-10	47	-10	61	BN		0.55	M		C	L	L	F	BDR	N		H	
NA13016	-2	7	31	0.13	-10	-10	69	-10	53	BN		0.4	M		C	L	L	F	BDR	N		H	
NA13017	-2	5	40	0.19	-10	-10	40	-10	59	BN		0.35	M		C	L	L	G	BDR	N		H	
NA13018	2	6	22	0.11	-10	-10	66	-10	43	OR		0.3	M		C	M	M	F	BDR	N		M	
NA13019	2	5	20	0.11	-10	-10	73	-10	44	BN		0.15	M		B	H	H	M	BDR	N		M	
NA13020	-2	4	18	0.12	-10	-10	85	-10	72	BN		0.1	M		C	M	M	S	COL	N		M	
NA13021	-2	5	32	0.17	-10	-10	81	-10	49	BN		0.12	M		B	H	H	S	COL	N		L	
NA13022	-2	14	31	0.06	-10	-10	87	-10	105	BN		0.45	M		C	M	M	F	BDR	N		H	
NA13023	-2	5	32	0.11	-10	-10	66	-10	54	BN		0.6	M		B	H	H	S	BDR	N		L	
NA13024	-2	5	30	0.14	-10	-10	80	-10	59	BN		0.4	M		B	H	H	S	BDR	N		M	
NA13025	-2	3	70	0.26	-10	-10	84	-10	58	BN		0.12	M		C	L	L	F	BDR	N		H	
NA12119	2	7	27	0.13	-10	-10	80	-10	66	OR	QL	0.4	M	5	B	M	M	G	BDR	N		M	
NA12120	-2	7	31	0.13	-10	-10	79	-10	60	BN	QE	0.6	M		B	M	M	G	BDR	N		M	
NA12121	-2	9	19	0.16	-10	-10	62	-10	73	OR	QU	0.6	M	0	C	M	H	G	BDR	N		H	
NA12122	-2	7	35	0.13	-10	-10	83	-10	60	OR	QU	0.4	M	5	B	M	M	G	BDR	N		M	
NA12123	2	7	25	0.12	-10	-10	75	-10	59	BN	QE	0.3	M	5	B	H	H	G	BDR	S		M	
NA12124	-2	6	28	0.11	-10	-10	236	-10	91	OR	QE	0.45	M		C	L	L	F	BDR	N		H	
NA12125	3	13	34	0.12	-10	-10	135	-10	76	BN	QE	0.4	M	5	B	M	M	F	BDR	N		M	
NA12126	-2	5	20	0.13	-10	-10	89	-10	71	BN	QE	0.2	M		C	M	L	G	BDR	N		M	
NA12127	-2	6	32	0.15	-10	-10	88	-10	59	BN	QE	0.6	M		C	M	M	M	BDR	N		M	
NA12128	2	7	30	0.16	-10	-10	105	-10	69	BN	QD	0.5	M		C	L	L	G	BDR	N		H	
NA12129	-2	7	48	0.28	-10	-10	157	-10	104	BN	QE	0.4	M		C	L	L	F	BDR	N		H	
NA12400	2	10	88	0.01	-10	-10	15	-10	346	OR		0.1	M		C	L	L					H	ORANGE SOIL AREA IN PLACER TRENCH ON MAIN THISTLE

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12130	597072	6996138	STEWART	FLEMING	20030613	2	0.3	4.41	11	-10	780	0.6	-2	0.22	-0.5	15	44	164	6.38	10	-1	0.54	20	2.04	708	6	0.04	20	1010	15	0.5
NA12131	597005	6995955	STEWART	FLEMING	20030613	6	-0.2	3.2	11	-10	320	0.6	-2	0.29	0.8	21	49	126	4.62	10	-1	0.08	20	0.95	479	-1	0.03	28	220	10	0.01
NA12132	596969	6995747	STEWART	FLEMING	20030613	3	-0.2	2.59	6	-10	370	-0.5	-2	0.26	0.7	13	25	78	3.87	10	-1	0.13	10	1.22	459	-1	0.02	13	340	4	0.01
NA12133	596984	6995542	STEWART	FLEMING	20030613	4	0.2	3	5	-10	400	-0.5	2	0.31	0.8	18	29	47	4.78	10	1	0.63	10	1.76	696	-1	0.03	12	630	2	-0
NA12134	596965	6995331	STEWART	FLEMING	20030613	4	-0.2	2.44	9	-10	240	-0.5	-2	0.23	-0.5	11	34	27	3.07	10	-1	0.06	10	0.64	312	-1	0.02	22	270	6	0.01
NA12135	596847	6995162	STEWART	FLEMING	20030613	2	-0.2	2.92	6	-10	230	-0.5	2	0.24	0.9	14	32	26	3.88	10	-1	0.12	10	0.91	321	-1	0.02	19	370	4	0.01
NA12136	596671	6995051	STEWART	FLEMING	20030613	1	-0.2	2.89	8	-10	330	0.5	-2	0.46	0.6	15	40	44	4.24	10	-1	0.21	10	1.28	441	-1	0.03	19	420	2	0.01
NA12137	596487	6994951	STEWART	FLEMING	20030613	2	-0.2	3.14	9	-10	230	-0.5	-2	0.2	0.8	18	36	68	4.85	10	-1	0.13	10	0.92	434	1	0.03	19	370	5	0.01
NA12138	596325	6994821	STEWART	FLEMING	20030613	1	0.3	2.97	6	-10	260	-0.5	-2	0.31	0.6	18	40	27	3.39	10	-1	0.28	-10	1.89	254	-1	0.04	15	480	3	-0
NA12139	596130	6994793	STEWART	FLEMING	20030613	1	-0.2	2.95	5	-10	240	-0.5	-2	0.54	0.8	20	62	52	4.18	10	-1	0.07	10	1.37	344	-1	0.05	18	630	3	-0
NA12140	595927	6994671	STEWART	FLEMING	20030613	1	-0.2	3.7	5	-10	530	-0.5	-2	0.61	0.6	20	54	78	4.95	10	-1	0.29	10	2.07	422	-1	0.04	21	500	6	-0
NA12141	595751	6994672	STEWART	FLEMING	20030613	2	-0.2	2.77	7	-10	300	-0.5	-2	0.51	-0.5	16	43	49	3.27	10	1	0.08	10	1.16	259	-1	0.03	22	330	4	0.01
NA12142	595565	6994673	STEWART	FLEMING	20030613	3	-0.2	2.9	7	-10	470	-0.5	-2	0.89	-0.5	22	42	36	4.4	10	-1	0.12	10	1.2	478	-1	0.05	20	820	-2	0.01
NA12143	595346	6994587	STEWART	FLEMING	20030613	4	-0.2	2.59	9	-10	390	0.5	-2	0.49	0.5	12	44	42	3.48	10	-1	0.08	10	0.82	366	-1	0.03	24	360	7	0.01
NA12144	595243	6994498	STEWART	FLEMING	20030613	3	-0.2	2.32	8	-10	220	-0.5	-2	0.37	-0.5	13	41	32	3.5	10	-1	0.31	-10	0.99	295	-1	0.02	20	510	7	0.01
NA11997	593687	6995201	STEWART	RYAN	20030613	3	-0.2	3.53	-2	-10	540	-0.5	-2	0.99	0.9	20	36	50	4.86	10	-1	0.72	10	1.58	447	-1	0.07	10	1470	3	0.01
NA11998	593611	6995074	STEWART	RYAN	20030613	2	0.3	2.12	2	-10	440	0.5	-2	0.41	0.6	11	15	24	2.98	-10	-1	0.16	10	0.83	229	-1	0.02	9	770	2	-0
NA12722	586578	7013568	STEWART	FLEMING	20030616	6	-0.2	1.88	10	-10	310	0.5	-2	0.68	-0.5	12	31	30	3.22	-10	-1	0.15	20	0.67	301	-1	0.03	26	790	10	0.01
NA12721	586418	7013443	STEWART	FLEMING	20030616	-1	-0.2	2.47	6	-10	410	0.6	-2	3.14	-0.5	18	16	27	5.7	10	-1	1.13	30	1.27	837	-1	0.02	16	1350	2	0.03
NA12149	579943	7012079	STEWART	FLEMING	20030614	1	-0.2	2.25	12	-10	230	1	-2	0.43	-0.5	17	93	67	4.53	10	-1	0.08	30	1.09	379	2	0.02	70	270	36	0.01
NA12148	580020	7011889	STEWART	FLEMING	20030614	4	-0.2	3.04	7	-10	310	0.5	-2	0.19	-0.5	21	63	40	5.34	10	-1	0.81	20	0.99	634	3	0.02	32	300	18	0.01
NA12147	580048	7011675	STEWART	FLEMING	20030614	11	-0.2	2.09	11	-10	360	0.5	-2	0.28	-0.5	14	47	30	3.62	-10	-1	0.18	20	0.7	503	1	0.02	31	400	13	0.01
NA12146	580073	7011496	STEWART	FLEMING	20030614	5	-0.2	2.32	5	-10	280	0.6	-2	0.26	-0.5	15	72	40	3.58	-10	-1	0.23	20	0.89	479	1	0.02	47	610	16	0.02
NA12145	580122	7011308	STEWART	FLEMING	20030614	2	-0.2	2.9	3	-10	240	0.5	-2	0.19	-0.5	19	68	35	5.47	10	-1	0.93	70	0.93	729	2	0.02	36	660	15	0.01
NA12049	593852	6995352	STEWART	RYAN	20030613	-1	-0.2	2.04	4	-10	330	-0.5	-2	0.18	-0.5	10	27	11	3.15	10	-1	0.11	10	0.53	291	1	0.02	14	300	10	0.01
NA12048	594002	6995488	STEWART	RYAN	20030613	2	-0.2	2.67	-2	-10	520	-0.5	-2	0.34	-0.5	19	14	38	4.74	10	-1	0.61	10	1.37	381	1	0.03	9	560	7	-0
NA12720	586334	7013273	STEWART	FLEMING	20030616	2	-0.2	2.8	2	-10	860	-0.5	-2	0.9	-0.5	23	15	176	5.33	10	-1	0.91	10	1.79	525	-1	0.02	14	1930	3	0.01
NA12719	586207	7013128	STEWART	FLEMING	20030616	-1	-0.2	3.07	5	-10	670	-0.5	-2	0.58	-0.5	19	14	16	4.84	10	-1	1.19	10	1.97	490	-1	0.02	10	670	2	-0
NA12717	586039	7012991	STEWART	FLEMING	20030616	-1	-0.2	2.42	5	-10	400	-0.5	-2	0.47	-0.5	18	13	24	3.98	10	-1	1.1	-10	1.38	528	-1	0.02	11	840	4	-0
NA12716	585870	7012919	STEWART	FLEMING	20030616	-1	-0.2	2.66	6	-10	350	-0.5	-2	0.53	-0.5	18	34	39	4.51	10	-1	0.69	20	1.91	721	-1	0.02	21	470	7	-0
NA12715	585674	7012837	STEWART	FLEMING	20030616	-1	-0.2	2.68	4	-10	360	-0.5	-2	0.4	-0.5	12	9	32	4.75	10	-1	1.45	20	1.89	510	-1	0.02	6	1220	2	-0
NA12714	585499	7012732	STEWART	FLEMING	20030616	-1	-0.2	2.88	6	-10	450	-0.5	-2	0.61	-0.5	21	37	78	4.73	10	1	0.67	20	1.91	749	-1	0.02	24	1000	3	0.01
NA12713	585366	7012555	STEWART	FLEMING	20030616	-1	-0.2	1.95	7	-10	280	-0.5	-2	0.37	-0.5	10	15	17	2.95	10	-1	0.54	10	0.87	279	-1	0.01	9	400	5	-0
NA12712	585233	7012388	STEWART	FLEMING	20030616	6	-0.2	3.01	2	-10	690	-0.5	-2	0.5	-0.5	34	104	96	4.06	-10	-1	0.86	10	2.08	888	-1	0.02	22	310	3	0.02
NA12711	585055	7012325	STEWART	FLEMING	20030616	-1	-0.2	2.94	4	-10	750	-0.5	-2	0.54	-0.5	23	22	32	5.37	10	-1	1.18	10	2.07	1040	-1	0.02	15	800	2	0.01
NA12710	584869	7012246	STEWART	FLEMING	20030616	2	-0.2	2.09	11	-10	390	0.5	-2	0.19	-0.5	10	42	54	3.71	10	1	0.38	30	0.7	233	1	0.01	26	680	12	0.19
NA12709	584661	7012166	STEWART	FLEMING	20030616	-1	-0.2	5.21	6	-10	580	1.3	-2	0.41	1.3	19	78	70	5.1	10	1	1.01	30	2.18	376	-1	0.05	93	1060	50	0.04
NA12708	584489	7012057	STEWART	FLEMING	20030616	-1	0.3	2.29	4	-10	430	0.8	-2	0.37	-0.5	18	59	55	4.18	10	-1	0.66	40	1.34	460	-1	0.01	43	740	33	0.01
NA12707	584317	7011939	STEWART	FLEMING	20030616	1	0.5	2.46	16	-10	360	0.5	-2	0.19	-0.5	11	35	33	3.7	10	-1	0.1	10	0.48	222	9	0.01	25	770	21	0.1
NA12706	584202	7011781	STEWART	FLEMING	20030616	-1	-0.2	2.4	7	-10	260	-0.5	-2	0.62	-0.5	19	17	37	5.03	10	-1	0.97	10	1.32	453	-1	0.04	13	1100	4	0.01
NA12705	584128	7011590	STEWART	FLEMING	20030616	-1	-0.2	2.36	7	-10	240	-0.5	-2	0.38	-0.5	14	33	37	3.7	10	-1	0.12	10	0.92	285	-1	0.04	17	340	6	-0
NA12704	584054	7011380	STEWART	FLEMING	20030616	-1	-0.2	2.16	3	-10	370	-0.5	-2	0.38	-0.5	11	26	38	3.41	10	1	0.52	10	1.09	330	-1	0.02	13	330	5	-0
NA12703	584017	7011192	STEWART	FLEMING	20030616	-1	-0.2	2.02	2	-10	380	-0.5	-2	0.69	-0.5	20	44	96	4.35	10	-1	0.41	20	1.51	514	-1	0.05	20	940	25	-0
NA12702	583943	7010992	STEWART	FLEMING	20030616	3	-0.2	2.86	9	-10	290	0.5	-2	0.5	-0.5	17	34	55	4.35	10	-1	0.1	10	1	302	-1	0.03	18	350	7	-0
NA12701	583906	7010799	STEWART	FLEMING	20030616	1	-0.2	2.23	4	-10	240	-0.5	-2	0.32	-0.5	22	138	67	3.85	10	2	0.4	-10	1.58	385	-1	0.03	24	330	6	0.01
NA12700	583857	7010602	STEWART	FLEMING	20030616	2	-0.2	1.46	11	-10	360	-0.5	-2	0.55	-0.5	11	29	17	2.58	10	-1	0.06	10	0.5	662	-1	0.03	25	600	7	0.01
NA12368	577400	7014334	STEWART	FLEMING	20030614	3	0.2	1.26	10	-10	290	-0.5	-2	0.87	-0.5	10	28	24	2.45	-10	1	0.07	10	0.53	358	-1	0.04	26	770	8	0.02
NA12366	577470	7013931	STEWART	FLEMING	20030614	6	0.4	1.7	118	-10	450	0.5	-2	0.27	-0.5	18	40	44	3.34	-10	-1	0.17	10	0.47	461	2	0.02	50	660	25	0.03
NA12365	577527	7013738	STEWART	FLEMING	20030614	2	-0.2	1.42	22	-10	360	0.5	2	0.34	-0.5	12	34	24	2.7	-10	-1	0.09	20	0.43	336	-1	0.03	27	400	13	0.02
NA12364	577742	7013726	STEWART	FLEMING	20030614	4	-0.2	1.48	7	-10	170	-0.5	2	0.52	-0.5	21	84	95	2.98	-10	1	0.29	10	1.09	402	-1	0.04	69	690	2	-0
NA12363	577927	7013824	STEWART	FLEMING	20030614	2	-0.2	1.66	74	-10	390	0.7	2	0.41	-0.5	14	75	49	3.3	-10	1	0.24	30	0.84	424	1	0.02	86	680	31	0.02
NA12362	578130	7013844	STEWART	FLEMING	20030614	-1	-0.2	1.42	7	-10	200	-0.5	2	0.25	-0.5	10	30	20	2.7	-10	-1	0.09	20	0.47	242	-1	0.02	26	230	6	-0
NA12361	578337	7013821	STEWART	FLEMING	20030614	11	-0.2	1.53	10	-10	700	1	2	0.53	-0.5	20	61	98	5.31	-10	-1	0.28	30	0.66	636	2	0.03	91	910	16	0.01
NA12360	578540	7013768	STEWART	FLEMING	20030614	1	-0.2	1.75	3	-10	300	0.5	2	0.28	-0.5	13	49	22	3.43	10	-1	0.49	30	0.67	942	-1	0.02	26	390	16	0.01
NA12359	578689	7013643	STEWART	FLEMING	20030614	2	-0.2	1.79	6	-10	280	0.5	-2	0.2	-0.5	14	47	48	4.21	-10	-1	0.43	20	0.71	365	-1	0.02	36	220	8	0.01
NA12358	578790	7013458	STEWART	FLEMING	20030614	-1	-0.2	2.64	3	-10	360	-0.5	-2	0.26	-0.5	20	72	101	4.8	10	-1	0.98	30	1.2	684	2	0.02	52	840	9	0.01
NA12357	578920	7013296	STEWART	FLEMING	20030614	31	-0.2	0.99	80	-10	360	1	-2	0.23	-0.5	31	45	96	6.18	-10	1	0.09	30	0.27	755	4	0.01	63	460	18	-0
NA12356	579006	7013111	STEWART	FLEMING	20030614	2	-0.2	2.83	3	-10	250	-0.5	-2	0.18	-0.5	23	69	89	5.09	-10	-1	0.78	70	1.09	290	-1	0.02	71	200	11	0.01
NA12355	579065	7012909	STEWART	FLEMING	20030614	2	-0.2	3.86	-2	-10	780	1	-2	1.01	-0.5	20	204	349	6.65	-10	-1	1.43	70	1.89	1280	2	0.02	46	1670	6	0.02
NA12354	579202	7012754	STEWART	FLEMING	20030614	5	-0.2	1.85	4	-10	240	1.1	-2	0.24	-0.5	14	29	24	4.03	-10	-1	0.28	40	0.46	426	-1	0.01	26	250	18	0.01
NA12353	579332	7012587	STEWART	FLEMING	20030614	1	-0.2	2.34	12	-10	400	0.6	-2	0.35	-0.5	13	58	79	4.16	10	-1	0.69	50	1.07	733	2	0.05	44	540	15	0.34
NA12352	579503	7012483	STEWART	FLEMING	20030614	2	-0.2	1.82	5	-10	330	-0.5	-2	0.2	-0.5	11	34	20	3.2	-10	-1	0.23	20	0.54	292	-1	0.02	23	400	15	0.01
NA12351	579672	7012365	STEWART	FLEMING	20030614	1	-0.2	2.56	2	-10	360	0.7	-2	0.61	-0.5	19	88	60	4.65	10	-1	0.55	30	1.32	601	2	0.02	59	660	17	0.01
NA12350	579869	7012267	STEWART	FLEMING	20030614	2	-0.2	3.87	-2	-10	980	1	-2	0.35	-0.5	21	162	94	6.35	10	-1	0.99	30	1.82	794	2	0.03	68	700	18	0.02
NA12046	594096	6995655	STEWART	RYAN	20030613	1	-0.2	2.81	6	-10	420	-0.5	-2	0.34	-0.5	22	18	44	4.46	10	-1	0.68	-10	1.45	808	-1	0.02	10	470	13	0.01
NA12045	594185	6995810	STEWART	RYAN	20030613	-1	-0.2	2.86	11	-10	360	-0.5	-2	0.53	-0.5	22	21	64	4.64	10	-1	0.33	10	1.53	804	-1	0.04	13	1140	8	0.02

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA12130	3	11	136	0.13	-10	-10	136	-10	162	OR	QL	0.5	M		C	L	L	F	BDR	N		H	
NA12131	3	8	32	0.16	-10	-10	113	-10	85	OR	QU	0.4	M		C	M	M	G	BDR	N		M	
NA12132	2	8	25	0.13	-10	-10	74	-10	201	OR	QU	0.6	M		C	L	L	F	BDR	N		H	
NA12133	-2	14	22	0.18	-10	-10	140	-10	63	BN	QE	0.5	M		C	L	L	F	BDR	N		H	
NA12134	2	5	22	0.12	-10	-10	77	-10	49	OR	QU	0.3	M	5	C	M	M	G	BDR	N		M	
NA12135	2	5	23	0.17	-10	-10	83	-10	64	OR	QE	0.3	M		C	L	L	F	BDR	N		H	
NA12136	2	9	33	0.19	-10	-10	111	-10	74	BN	QE	0.5	M		C	M	L	G	BDR	N		H	
NA12137	-2	6	20	0.19	-10	-10	141	-10	69	OR	QU	0.3	M	5	C	L	L	G	BDR	N		H	
NA12138	-2	5	14	0.22	-10	-10	118	-10	54	BN	QE	0.5	M		C	L	L	G	BDR	N		H	GRN-BLK SOIL W BRN
NA12139	-2	8	32	0.16	-10	-10	135	-10	62	BN	QE	0.5	M		C	L	L	M	BDR	N		H	GRN- BLK W BRN
NA12140	-2	6	43	0.31	-10	-10	151	-10	87	BN	QE	0.5	M		C	L	L	M	BDR	N		H	GRN-BLK W BRN
NA12141	2	4	39	0.2	-10	-10	89	-10	59	BN	QE	0.4	M		C	L	L	M	COL	N		H	GRN-BLK-BRN
NA12142	2	6	45	0.23	-10	-10	131	-10	105	BN	QE	0.5	M		C	L	L	M	COL	N		H	
NA12143	-2	8	41	0.16	-10	-10	90	-10	64	BN	QE	0.5	M		B	M	M	M	COL	N		M	
NA12144	2	5	29	0.19	-10	-10	89	-10	68	BN	QU	0.5	M		C	L	L	S	COL	N		H	
NA11997	-2	12	75	0.26	-10	-10	148	-10	92	BK		0.6	M		C	L	L	M	COL	N	AMP	H	BLU-BRN SOIL
NA11998	-2	7	27	0.02	-10	-10	53	-10	60	OR		0.2	M		C	L	L	G	COL	N	AMP	H	
NA12722	-2	6	40	0.11	-10	-10	57	-10	72	TA	QE	0.5	M	5	B	H	L	F		P		L	WT-GY-TN SILT WITH RUST
NA12721	-2	21	40	0.19	-10	-10	113	-10	79	GY	QE	0.3	M	10	B	H	H	G		P		L	FINES WITH ROCK TN-GY
NA12149	-2	8	36	0.09	10	-10	79	-10	78	OR	QL	0.5	M	0	C	L	L	F	BDR	N		H	
NA12148	-2	8	20	0.25	20	-10	92	-10	79	OR	QU	0.3	M	5	C	L	L	G	BDR	S		H	
NA12147	-2	6	25	0.12	10	-10	73	-10	64	OR	QU	0.5	M	0	C	M	L	M	BDR	N		H	
NA12146	-2	5	24	0.13	10	-10	75	-10	76	OR	QU	0.2	M	5	B	M	H	M	BDR	S		M	
NA12145	-2	8	17	0.28	20	-10	84	-10	91	BN	QE	0.4	M	1	C	L	L	G	BDR	N		H	
NA12049	-2	3	19	0.1	10	-10	74	-10	66	BN		0.4	M		C	L	L	M	BDR	N		M	NO ROCKS
NA12048	-2	6	20	0.25	20	-10	175	-10	82	BN		0.4	M		C	L	L	M	COL	N	AMP	H	AMP?
NA12720	-2	14	34	0.26	-10	-10	140	-10	84	TA	QE	0.7	M	0	C	L	L	G	BDR	N		H	
NA12719	-2	6	47	0.23	-10	-10	107	-10	45	OR	QD	0.7	M	0	C	L	L	G	BDR	N		H	DARK ORANGE BROWN
NA12717	-2	3	36	0.26	-10	-10	82	-10	87	BN	QE	0.5	M	0	C	L	L	G	BDR	N		H	MEDIUM ORANGE BROWN
NA12716	-2	11	43	0.25	-10	-10	113	-10	73	BN	QE	0.4	M	0	C	L	L	G	BDR	N		H	MEDIUM ORANGE BROWN
NA12715	-2	15	12	0.24	-10	-10	98	-10	89	BN	QE	0.5	M	0	C	L	L	M	BDR	N		H	MEDIUM ORANGE BROWN
NA12714	-2	11	30	0.24	-10	-10	122	-10	132	BN	QE	0.6	M	0	C	L	L	G	BDR	N		H	MEDIUM ORANGE BROWN
NA12713	-2	3	29	0.14	-10	-10	67	-10	107	OR	QD	0.4	M	0	C	L	L	G	BDR	N		H	MEDIUM OR-BN
NA12712	-2	11	28	0.12	-10	-10	97	-10	92	OR	QL	0.4	M	0	C	L	L	G	BDR	N		H	LIGHT OR-BN
NA12711	-2	13	24	0.22	-10	-10	148	-10	62	BN	QE	0.5	M	0	C	L	L	G	BDR	N		H	
NA12710	-2	4	27	0.1	-10	-10	63	-10	85	BN	QD	0.5	M	0	C	L	L	F	BDR	N		H	
NA12709	-2	7	20	0.22	-10	-10	105	-10	827	TA	QE	0.3	M	5	C	M	M	S	BDR	N		M	
NA12708	-2	6	23	0.19	-10	-10	78	-10	86	OR	QD	0.3	M	0	C	L	L	G	BDR	N		H	DARK OR-BN
NA12707	-2	4	29	0.07	-10	-10	69	-10	60	OR	QL	0.5	M	0	C	L		F	BDR	N		L	LIGHT ORANGE BROWN
NA12706	-2	11	16	0.29	-10	-10	133	-10	85	BN	QE	0.3	M	5	C	M	M	F	BDR	N		M	OR-BN
NA12705	-2	6	16	0.16	-10	-10	93	-10	65	BN	QD	0.4	M	0	C	L	L	M	BDR	N		H	DARK BN-GN--OR
NA12704	-2	6	24	0.2	-10	-10	75	-10	46	BN	QE	0.3	M	0	C	L	L	F	BDR	N		H	MEDIUM BN-OR
NA12703	-2	10	19	0.18	-10	-10	90	-10	77	BN	QL	0.4	M	0	C	L	L	F	BDR	N		H	LIGHT OR-BN
NA12702	-2	8	28	0.18	-10	-10	86	-10	75	BN	QD	0.4	M	0	C	L	L	F	BDR	N		H	DARK OR-BN WITH GN
NA12701	-2	5	9	0.25	-10	-10	103	-10	62	BN	QE	0.3	M	0	C	L	L	G	BDR	N		H	OR-BN
NA12700	-2	4	35	0.08	-10	-10	54	-10	69	BN	QD	0.5	M	0	C	L	L	G	BDR	N		H	OR-GRN BRN
NA12368	-2	4	43	0.1	10	-10	54	-10	62	BF	QU	0.9	M	5	B	H	L	S	COL	N		L	
NA12366	-2	5	30	0.08	10	-10	71	-10	130	BN	QU	0.3	M	20	B	H	H	S	COL	S		L	
NA12365	-2	6	28	0.09	10	-10	63	-10	62	OR	QU	0.4	M		C	M	L	M	BDR	N		M	
NA12364	-2	10	10	0.11	10	-10	81	-10	50	GN	QU	0.6	M		C	L	L	F	BDR	N		H	GN-BN SL
NA12363	-2	7	31	0.09	10	-10	66	-10	86	BN	QE	0.4	M		C	L	L	G	BDR	N		H	
NA12362	-2	3	21	0.09	10	-10	53	-10	47	OR	QU	0.3	M		C	M	L	M	BDR	N		M	
NA12361	-2	14	48	0.05	20	-10	88	-10	138	OR	QU	0										H	
NA12360	-2	6	27	0.14	10	-10	64	-10	77	RD	QU	0.3	M	0	C	L	L	M	BDR	N		H	
NA12359	-2	8	20	0.14	10	-10	69	-10	62	OR	QE	0.3	M	0	C	L	L	G	BDR	N		H	
NA12358	-2	8	19	0.25	20	-10	119	-10	122	OR	QU	0.4	M	5	C	L	L	F	BDR	N		H	
NA12357	-2	15	41	0.03	20	-10	138	-10	146	OR	QU	0.4	M	0	C	M	L	F	BDR	N		H	
NA12356	-2	6	20	0.18	20	-10	61	-10	97	OR	QU	0.4	M	0	C	L	M	F	BDR	N		H	
NA12355	-2	6	193	0.49	30	-10	275	-10	88	OR	QU	0.4	M	0	C	L	L	M	BDR	N		H	
NA12354	-2	7	16	0.06	10	-10	39	-10	61	OR	QL	0.5	M	0	C	L	L	G	BDR	N		H	
NA12353	-2	9	94	0.16	20	-10	116	-10	71	BN	QE	0.5	M	0	C	L	L	M	BDR	N		H	
NA12352	-2	4	18	0.13	10	-10	63	-10	49	BN	QE	0.3	M	5	C	L	M	M	BDR	N		M	
NA12351	-2	11	41	0.19	20	-10	90	-10	80	OR	QE	0.5	M	0	C	L	L	M	BDR	N		H	
NA12350	-2	9	32	0.34	20	-10	140	-10	121	OR	QE	0.4	M	0	C	L	L	F	BDR	N		H	
NA12046	-2	4	33	0.29	10	-10	96	-10	104	BN		0.4	M		C	L	L	G	COL	N	AMP	H	AMP
NA12045	-2	9	24	0.18	-10	-10	114	-10	143	BN		0.3	M		C	L	L	M	COL	N	AMP	H	LOTS OF MICA

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA12044	594281	6995969	STEWART	RYAN	20030613	1	0.2	2.74	4	-10	290	-0.5	-2	0.37	-0.5	12	30	123	6.96	10	-1	0.52	10	1.39	444	2	0.21	16	580	5	1.11
NA12043	594416	6996111	STEWART	RYAN	20030613	5	-0.2	2	6	-10	140	-0.5	-2	0.21	-0.5	16	24	18	3.83	10	1	0.21	10	0.83	430	1	0.01	13	440	6	0.01
NA12042	594622	6996074	STEWART	RYAN	20030613	-1	0.2	2.41	8	-10	300	-0.5	-2	0.43	-0.5	18	32	35	3.76	10	-1	0.19	10	1.02	598	1	0.03	18	260	6	0.01
NA12041	594819	6996126	STEWART	RYAN	20030613	5	-0.2	2.72	7	-10	250	-0.5	-2	0.29	-0.5	17	32	58	3.93	10	-1	0.11	10	1.09	490	-1	0.02	22	270	10	0.01
NA12040	595015	6996136	STEWART	RYAN	20030613	5	-0.2	1.98	6	-10	270	-0.5	-2	0.34	-0.5	15	32	45	3.05	10	-1	0.16	10	0.88	362	-1	0.02	19	280	5	-0
NA12039	595216	6996164	STEWART	RYAN	20030613	2	-0.2	1.9	5	-10	230	-0.5	-2	0.28	-0.5	15	30	35	2.99	10	-1	0.24	10	0.89	431	-1	0.02	19	220	4	-0
NA12038	595357	6996307	STEWART	RYAN	20030613	2	-0.2	2.15	8	-10	220	-0.5	-2	0.2	-0.5	12	30	19	2.98	10	-1	0.07	10	0.58	280	1	0.01	20	310	7	0.01
NA12037	595528	6996417	STEWART	RYAN	20030613	1	0.3	2.98	8	-10	260	0.5	-2	0.18	-0.5	18	28	45	4.64	10	-1	0.06	10	0.65	552	1	0.01	17	300	11	0.01
NA12036	595640	6996586	STEWART	RYAN	20030613	6	-0.2	2.33	6	-10	290	-0.5	-2	0.36	-0.5	13	39	26	3.13	10	-1	0.05	10	0.64	328	1	0.02	22	290	6	0.01
NA12035	595749	6996744	STEWART	RYAN	20030613	4	0.2	2.15	7	-10	240	-0.5	-2	0.34	-0.5	14	33	35	3.1	10	-1	0.06	10	0.6	381	-1	0.02	25	650	6	0.01
NA12034	595930	6996846	STEWART	RYAN	20030613	-1	-0.2	3.63	6	-10	300	-0.5	-2	0.13	-0.5	18	22	34	5.23	10	-1	0.24	10	1.6	479	1	0.02	16	340	7	0.01
NA12033	596078	6996978	STEWART	RYAN	20030613	3	-0.2	2.7	12	-10	170	-0.5	-2	0.17	-0.5	15	33	26	3.88	10	-1	0.05	10	0.55	368	1	0.02	21	330	8	0.01
NA12032	595928	6997886	STEWART	RYAN	20030613	3	-0.2	2.19	8	-10	350	0.5	-2	0.38	-0.5	14	36	30	3.48	10	-1	0.06	10	0.69	400	1	0.02	23	390	5	0.01
NA12031	595790	6998025	STEWART	RYAN	20030613	2	-0.2	2.06	6	-10	270	-0.5	-2	0.33	-0.5	13	35	21	3.08	10	-1	0.05	10	0.63	367	1	0.02	21	300	5	0.01
NA12030	595604	6998111	STEWART	RYAN	20030613	3	-0.2	2.57	9	-10	270	0.5	-2	0.27	-0.5	13	38	27	3.61	10	-1	0.06	10	0.57	402	1	0.02	23	450	8	0.01
NA12029	595404	6998118	STEWART	RYAN	20030613	2	-0.2	2.94	10	-10	240	0.5	-2	0.25	-0.5	17	31	111	3.83	10	-1	0.05	10	0.63	400	1	0.02	22	330	8	0.01
NA12028	595205	6998118	STEWART	RYAN	20030613	4	-0.2	2.57	10	-10	370	0.6	-2	0.33	-0.5	13	39	49	3.7	10	-1	0.06	20	0.61	467	1	0.02	24	510	8	0.01
NA12027	595005	6998123	STEWART	RYAN	20030613	4	-0.2	2.1	8	-10	220	-0.5	-2	0.32	-0.5	18	35	37	3.44	10	-1	0.06	10	0.64	603	1	0.03	24	730	5	0.02
NA10875	573307	7010434	STEWART	LINLEY	20030616	2	-0.2	1.58	29	-10	600	-0.5	-2	0.7	-0.5	11	30	27	2.79	-10	-1	0.1	20	0.51	357	1	0.03	26	660	7	0.01
NA10874	573353	7010238	STEWART	LINLEY	20030616	1	-0.2	1.41	29	-10	470	-0.5	-2	0.58	-0.5	11	30	23	2.65	-10	1	0.1	20	0.54	329	-1	0.03	27	540	7	0.01
NA10873	573330	7010073	STEWART	LINLEY	20030616	4	-0.2	1.52	84	-10	290	0.8	-2	0.44	-0.5	15	33	45	3.73	-10	-1	0.16	30	0.44	434	1	0.01	44	770	11	0.01
NA10872	573351	7009870	STEWART	LINLEY	20030616	3	-0.2	1.73	11	-10	310	-0.5	-2	0.51	-0.5	16	53	43	3.23	10	1	0.15	20	0.69	282	-1	0.02	55	820	6	0.01
NA10871	573516	7009744	STEWART	LINLEY	20030616	8	0.2	1.54	25	-10	1070	0.9	-2	2.06	1.9	12	38	57	3.21	10	-1	0.13	20	0.37	319	3	0.02	92	8050	10	0.01
NA10870	573645	7009581	STEWART	LINLEY	20030616	5	-0.2	2.72	5	-10	750	0.6	-2	0.68	-0.5	22	176	90	4.75	10	-1	0.85	20	1.83	700	1	0.02	97	1630	3	0.02
NA10869	573740	7009409	STEWART	LINLEY	20030616	4	-0.2	1.92	9	-10	250	-0.5	-2	0.36	-0.5	11	34	20	3.04	10	-1	0.06	10	0.55	288	1	0.02	21	600	7	0.01
NA10868	573802	7009218	STEWART	LINLEY	20030616	3	0.2	1.94	9	-10	350	0.5	-2	0.41	-0.5	11	40	32	3.15	10	-1	0.09	20	0.66	259	-1	0.02	27	500	9	0.02
NA10867	573876	7009031	STEWART	LINLEY	20030616	1	0.2	2.21	9	-10	380	0.5	-2	0.29	-0.5	11	59	54	3.27	10	-1	0.18	20	0.84	174	1	0.02	33	400	7	0.03
NA10866	574009	7008870	STEWART	LINLEY	20030616	4	-0.2	1.8	15	-10	480	1	-2	0.47	-0.5	19	98	86	4.32	10	-1	0.22	10	0.65	480	1	0.01	147	780	7	-0
NA10865	574166	7008743	STEWART	LINLEY	20030616	4	-0.2	1.45	24	-10	320	0.9	-2	0.25	-0.5	12	27	54	3.02	-10	-1	0.08	40	0.39	268	2	0.01	51	200	11	-0
NA10864	574318	7008607	STEWART	LINLEY	20030616	3	-0.2	2.01	8	-10	300	0.5	-2	0.41	-0.5	11	36	25	3.02	10	-1	0.06	20	0.62	204	-1	0.02	24	440	7	0.01
NA10863	574381	7008406	STEWART	LINLEY	20030616	7	-0.2	1.62	10	-10	210	-0.5	-2	0.36	-0.5	10	31	33	2.88	10	-1	0.18	20	0.6	237	1	0.02	27	700	6	0.05
NA10862	574477	7008233	STEWART	LINLEY	20030616	2	-0.2	1.94	8	-10	360	-0.5	-2	0.38	-0.5	12	36	20	3.04	10	-1	0.14	10	0.69	281	-1	0.02	35	480	8	-0
NA10861	574630	7008106	STEWART	LINLEY	20030616	1	-0.2	2.14	9	-10	270	-0.5	-2	0.35	-0.5	13	34	23	3.17	10	1	0.21	20	0.64	326	-1	0.02	23	620	7	-0
NA10860	574826	7008041	STEWART	LINLEY	20030616	-1	-0.2	1.8	3	-10	210	-0.5	-2	0.33	-0.5	12	23	73	2.77	-10	-1	0.07	10	0.54	409	-1	0.03	14	530	6	-0
NA10859	575024	7007981	STEWART	LINLEY	20030616	4	-0.2	2.27	5	-10	280	-0.5	-2	0.29	-0.5	12	42	23	3.11	-10	-1	0.08	10	0.65	264	-1	0.02	25	380	8	0.01
NA10858	575210	7007904	STEWART	LINLEY	20030616	2	-0.2	2.75	8	-10	230	0.5	-2	0.18	-0.5	13	45	27	3.4	10	-1	0.03	10	0.52	275	-1	0.02	33	170	11	0.01
NA10857	575408	7007866	STEWART	LINLEY	20030616	2	-0.2	2.41	7	-10	190	0.5	-2	0.21	-0.5	11	40	35	3.05	-10	-1	0.04	20	0.52	235	-1	0.02	24	260	9	0.01
NA10856	575579	7007746	STEWART	LINLEY	20030616	1	-0.2	1.99	7	-10	170	-0.5	-2	0.26	-0.5	13	70	28	2.64	-10	-1	0.05	10	0.74	206	-1	0.02	37	300	5	0.01
NA10855	575751	7007660	STEWART	LINLEY	20030616	4	-0.2	1.4	-2	-10	50	-0.5	-2	0.35	-0.5	12	97	55	1.14	-10	-1	0.01	-10	1.23	130	-1	0.03	107	40	-2	-0
NA10854	575944	7007594	STEWART	LINLEY	20030616	2	-0.2	2.32	6	-10	240	0.5	-2	0.25	-0.5	16	42	41	3.1	-10	-1	0.04	10	0.57	332	-1	0.02	28	180	8	0.01
NA10853	575994	7007405	STEWART	LINLEY	20030616	-1	-0.2	1.56	2	-10	130	-0.5	2	0.36	-0.5	11	49	64	1.9	-10	-1	0.02	10	0.59	199	-1	0.02	31	180	4	0.01
NA10852	576051	7007219	STEWART	LINLEY	20030616	2	-0.2	1.66	2	-10	90	-0.5	2	0.61	-0.5	15	100	124	1.52	-10	-1	0.02	-10	1.15	200	-1	0.02	60	150	5	-0
NA10851	576013	7007022	STEWART	LINLEY	20030616	-1	-0.2	1.28	2	-10	100	-0.5	2	0.32	-0.5	11	47	48	1.7	-10	1	0.03	10	0.55	164	-1	0.02	43	270	3	-0
NA10850	576023	7006827	STEWART	LINLEY	20030616	2	-0.2	1.81	5	-10	190	-0.5	-2	0.28	-0.5	10	37	46	2.15	-10	-1	0.04	10	0.44	205	-1	0.02	24	360	6	0.01
NA10877	573294	7010615	STEWART	LINLEY	20030616	37	-0.2	1.3	7	-10	220	-0.5	-2	0.78	-0.5	10	20	15	2.85	10	-1	0.23	20	0.57	547	1	0.03	13	950	26	0.02
NA13263	594262	6991673	STEWART	ROBINSON	20030623	-1	-0.2	0.91	4	-10	120	-0.5	-2	0.16	-0.5	6	26	24	1.68	-10	-1	0.08	10	0.39	153	-1	0.02	15	440	3	0.06
NA13264	594442	6991581	STEWART	ROBINSON	20030623	2	-0.2	2.26	6	-10	250	-0.5	-2	0.53	-0.5	17	34	76	3.79	-10	-1	0.13	10	0.91	443	-1	0.03	25	870	5	0.01
NA13265	594617	6991485	STEWART	ROBINSON	20030623	-1	-0.2	2	6	-10	240	-0.5	-2	0.28	-0.5	18	124	33	4.58	10	-1	0.23	10	1.4	654	-1	0.02	36	870	6	0.02
NA13266	594796	6991395	STEWART	ROBINSON	20030623	3	-0.2	2.58	8	-10	240	-0.5	-2	0.19	-0.5	15	32	40	4.21	10	-1	0.24	10	0.81	300	-1	0.02	24	500	8	0.06
NA13267	594984	6991318	STEWART	ROBINSON	20030623	-1	-0.2	1.02	5	-10	80	-0.5	-2	0.16	-0.5	7	15	20	2.23	10	-1	0.06	-10	0.31	446	-1	0.01	8	590	6	0.02
NA13268	595185	6991322	STEWART	ROBINSON	20030623	4	-0.2	2.01	8	-10	270	-0.5	-2	0.4	-0.5	11	33	41	3.26	10	-1	0.13	10	0.84	348	-1	0.02	22	480	6	0.01
NA13269	595385	6991299	STEWART	ROBINSON	20030623	2	-0.2	2.32	6	-10	230	-0.5	-2	0.39	-0.5	16	28	54	3.94	10	-1	0.32	10	1.38	402	-1	0.02	19	440	7	0.01
NA13270	595579	6991251	STEWART	ROBINSON	20030623	-1	-0.2	1.54	8	-10	120	-0.5	-2	0.16	-0.5	9	24	25	3.25	10	-1	0.06	10	0.36	321	-1	0.01	15	470	10	0.01
NA13271	595775	6991292	STEWART	ROBINSON	20030623	4	-0.2	1.76	7	-10	190	-0.5	-2	0.3	-0.5	10	27	48	2.49	10	-1	0.15	10	0.74	224	-1	0.01	18	710	5	0.03
NA13272	595972	6991339	STEWART	ROBINSON	20030623	3	-0.2	1.46	6	-10	150	-0.5	-2	0.3	-0.5	11	25	26	3.03	10	-1	0.13	10	0.65	374	-1	0.02	16	530	7	0.02
NA13273	596087	6991504	STEWART	ROBINSON	20030623	1	-0.2	1.85	8	-10	120	-0.5	-2	0.16	-0.5	8	31	32	3.11	10	-1	0.06	10	0.43	213	1	0.01	16	390	12	0.02
NA13274	596079	6991706	STEWART	ROBINSON	20030623	3	-0.2	2.71	12	-10	90	-0.5	-2	0.21	-0.5	12	31	38	5.15	10	-1	0.07	10	0.46	282	1	0.01	16	550	10	0.04
NA13275	596005	6991893	STEWART	ROBINSON	20030623	7	-0.2	1.98	6	-10	210	-0.5	-2	0.41	-0.5	13	31	49	2.86	10	-1	0.07	10	0.74	216	-1	0.02	22	710	9	0.02
NA13276	595956	6992088	STEWART	ROBINSON	20030623	-1	-0.2	0.52	-2	-10	90	-0.5	-2	0.1	-0.5	2	8	21	0.7	-10	-1	0.03	-10	0.06	30	-1	0.02	5	560	4	0.03
NA13277	595841	6992272	STEWART	ROBINSON	20030623	-1	-0.2	0.48	2	-10	40	-0.5	-2	0.08	-0.5	3	8	9	1.04	-10	-1	0.03	-10	0.12	76	-1	0.02	4	200	4	0.01
NA13278	595712	6992428	STEWART	ROBINSON	20030623	2	-0.2	3.25	7	-10	170	-0.5	-2	0.28	-0.5	18	29	44	4.67	10	-1	0.12	-10	1.4	371	-1	0.03	16	340	7	0.01
NA13279	595567	6992572	STEWART	ROBINSON	20030623	2	-0.2	1.94	3	-10	230	-0.5	-2	0.63	-0.5	12	32	48	2.87	-10	-1	0.23	10	1.02	379	-1	0.03	21	670	5	0.03
NA13280	595431	6992713	STEWART	ROBINSON	20030623	1	-0.2	1.96	8	-10	160	-0.5	-2	0.15	-0.5	11	34	28	3.21	10	-1	0.12	10	0.7	249	1	0.01	18	290	6	0.1
NA13281	595395	6992910	STEWART	ROBINSON	20030623	-1	-0.2	3.44	7	-10	220	-0.5	-2	0.29	-0.5	17	70	69	5.1	10	-1	0.45	-10	1.92	499	-1	0.03	22	510	5	0.01
NA13282	595343	6993105	STEWART	ROBINSON	20030623	1	-0.2	1.44	6	-10	150	-0.5	-2	0.2	-0.5	7	24	28	2.61	10	-1	0.04	10	0.34	181	1	0.02	14	200	8	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA12044	-2	17	60	0.14	-10	-10	172	-10	118	OR		0.55	M		C	L	L	G	COL	N	AMP	H	ORANGE/BROWN SOIL FIRST GOOG SAMPLE IN THE LAST FIVE HOLES
NA12043	-2	3	17	0.2	-10	-10	96	-10	68	BN		0.3	M		C	L	L	G	COL	N	AMP	M	
NA12042	-2	6	27	0.16	-10	-10	93	-10	64	BN		0.6	M		C	M	L	M	COL	N	AMP	M	AMP?
NA12041	-2	5	23	0.12	-10	-10	84	-10	67	BN		0.5	M		C	L	L	G	COL	N		H	NO RX
NA12040	-2	4	26	0.18	-10	-10	78	-10	53	BN		0.35	M		C	L	L	G	COL	N	SCH	M	QTZ-BIO SCH? ROCKY GROUND
NA12039	-2	4	23	0.15	-10	-10	71	-10	49	BN		0.4	M		C	M	L	F	BDR	N	AMP	M	AMP? QUARTZITE?
NA12038	-2	4	17	0.11	-10	-10	70	-10	45	BN		0.25	M	30	B	H	H	F	COL	S		L	ROCKY GROUND SWAMPY
NA12037	-2	8	18	0.05	-10	-10	89	-10	84	BN		0.3	M		C	L	L	F	COL	N	AMP	M	AMP RX SOIL BROWNISH/ORG
NA12036	-2	6	29	0.11	-10	-10	77	-10	53	BN		0.3	M	5	B	M	M	G	COL	S	AMP	M	
NA12035	-2	6	24	0.1	-10	-10	71	-10	58	BN		0.3	M	20	B	H	H	F	BDR	S	AMP	L	AMP OUTCROP 15M S
NA12034	-2	8	9	0.16	-10	-10	131	-10	84	BN	QL	0.15	M	0	B	L	L	G	BDR	N	AMP	H	
NA12033	-2	5	14	0.09	-10	-10	93	-10	58	BN		0.2	M	15	B	M	L	F	BDR	N	AMP	M	
NA12032	-2	8	29	0.12	-10	-10	71	-10	60	BN		0.5	M	1	B	L	L	G	BDR	N		M	NO Rx
NA12031	-2	6	24	0.11	-10	-10	70	-10	52	BN		0.3	M	5	B	M	L	G	BDR	N	AMP	M	AMP?
NA12030	-2	7	22	0.1	-10	-10	75	-10	55	BN		0.5	M	2	C	H	M	F	BDR	N		M	NO Rx
NA12029	-2	6	22	0.11	-10	-10	63	-10	56	BN		0.4	M	2	C	L	L	F	BDR	N	GNT	H	QTZ GNT FLOAT AROUND
NA12028	-2	9	27	0.09	-10	-10	75	-10	63	BN		0.4	M	10	B	M	L	F	BDR	S	AMP	M	
NA12027	-2	4	21	0.12	-10	-10	83	-10	79	BN		0.15	M	20	B	M	L	G	BDR	N	AMP	L	ROCKY GROUND POOR SOIL
NA10875	-2	4	43	0.07	-10	-10	60	-10	64	BN		20	I	1	B	H	H	S	COL	N		M	
NA10874	-2	5	38	0.08	-10	-10	53	-10	60	BN		25	I		C	M	M	S	COL	N		H	
NA10873	27	5	35	0.04	-10	-10	58	-10	82	BN	RD	23	I		C	L	L	M	BDR	N		H	
NA10872	-2	5	31	0.14	-10	-10	65	-10	59	BN		18	I		B	H	H	G	BDR	N		M	
NA10871	3	7	77	0.04	10	-10	142	-10	322	BK		30	I		C	L	L	S	BDR	N		H	
NA10870	-2	10	41	0.16	-10	-10	121	-10	142	OR	BN	30	I		C	L	L	S	BDR	N		H	
NA10869	-2	4	27	0.09	-10	-10	66	-10	51	BN		15	I		B	H	H	M	BDR	N		M	
NA10868	-2	6	36	0.11	-10	-10	67	-10	53	BN		21	I		C	M	M	G	BDR	N		M	
NA10867	-2	5	29	0.12	-10	-10	99	-10	68	BN		30	I		C	M	M	G	BDR	N		H	
NA10866	-2	11	35	0.04	-10	-10	71	-10	174	OR		30	I		C	L	L	G	BDR	N		H	
NA10865	2	7	27	0.06	-10	-10	52	-10	77	OR	BN	45	I		C	L	L	G	BDR	N		H	
NA10864	-2	6	34	0.1	-10	-10	64	-10	50	BN		40	I		C	H	H	F	BDR	N		M	
NA10863	-2	4	30	0.1	-10	-10	57	-10	61	BN		30	I		C	L	L	G	BDR	N		H	
NA10862	-2	4	27	0.12	-10	-10	66	-10	48	BN		20	I		C	L	L	M	BDR	N		H	
NA10861	-2	5	28	0.11	-10	-10	60	-10	56	OR	BN	25	I		C	M	L	G	BDR	N		H	
NA10860	-2	4	13	0.1	10	-10	76	-10	37	BN		18	I		C	L	L	F	BDR	N		H	
NA10859	-2	4	22	0.09	10	-10	72	-10	41	BN		22	I		C	L	L	F	BDR	N		H	
NA10858	-2	4	16	0.12	10	-10	83	-10	40	BN		12	I		B	M	H	F	BDR	N		M	
NA10857	-2	6	18	0.11	10	-10	69	-10	42	RD	BN	18	I		BC	M	M	F	BDR	N		H	
NA10856	-2	4	21	0.08	10	-10	62	-10	32	BN	BL	30	I		C	L	L	F	BDR	N		H	
NA10855	-2	2	10	0.04	-10	-10	17	-10	12	BK		55	I		C	L	L	F	BDR	N		H	
NA10854	-2	6	21	0.12	10	-10	70	-10	56	BK		30	I		C	M	L	G	BDR	N		H	BL/GY/BN
NA10853	-2	4	28	0.1	10	-10	48	-10	24	BK		30	I		C	M	L	G	BDR	N		H	BL/GY/BN
NA10852	-2	4	56	0.07	10	-10	31	-10	19	GY		60	I		C	L	L	G	BDR	N		H	
NA10851	-2	3	16	0.09	10	-10	41	-10	27	GY		10	I		B	H	H	F	BDR	N		M	
NA10850	-2	3	19	0.1	10	-10	55	-10	34	GY		20	I		C	L	L	F	BDR	N		H	
NA10877	-2	4	150	0.11	-10	-10	51	-10	64	BN		7	I	1	B	H	H	S	COL	N		M	
NA13263	-2	2	17	0.08	-10	-10	48	-10	28	BN	QU	0.3	M	30	B	M	L	G	BDR	N		M	
NA13264	-2	7	29	0.13	-10	-10	78	-10	67	BN	QU	0.3	M	10	B	M	L	F	BDR	N		M	
NA13265	-2	4	24	0.24	-10	-10	124	-10	60	BN	QE	0.35	M	10	B	L	L	G	BDR	N		L	
NA13266	-2	8	18	0.12	-10	-10	75	-10	64	BN	QD	0.35	M	10	B	M	L	G	BDR	N		M	
NA13267	-2	1	14	0.06	-10	-10	56	-10	40	GY	QU	0.25	M	50	A	M	L	G	BDR	N		L	
NA13268	-2	7	31	0.13	-10	-10	73	-10	59	BN	QU	0.5	M	10	B	H	M	G	BDR	N		M	
NA13269	-2	9	28	0.19	-10	-10	109	-10	65	BN	QU	0.4	M	10	B	H	H	G	BDR	N		M	
NA13270	2	2	14	0.11	-10	-10	91	-10	44	BN	QU	0.4	M	25	A	M	L	G	BDR	N		L	
NA13271	-2	5	21	0.11	-10	-10	58	-10	62	BN	QD	0.3	M	40	A	H	M	G	BDR	N		L	
NA13272	-2	3	23	0.13	-10	-10	76	-10	55	BN	QD	0.35	M	50	A	M	M	M	BDR	N		L	
NA13273	-2	4	16	0.12	-10	-10	88	-10	50	BN	QU	0.4	M	20	B	H	L	G	BDR	N		M	
NA13274	-2	4	19	0.16	-10	-10	117	-10	57	BN	QD	0.4	M	15	B	M	L	G	BDR	N		M	
NA13275	-2	5	25	0.12	-10	-10	69	-10	59	BN	QD	0.35	M	20	B	M	M	G	BDR	N		M	
NA13276	-2	-1	12	0.01	-10	-10	16	-10	10	BK	QL	0.45	M	50	A	M	M	G	BDR	P		L	
NA13277	-2	1	9	0.06	-10	-10	39	-10	19	GY	QU	0.45	M	45	A	M	L	G	BDR	S		L	Rocky
NA13278	-2	5	16	0.22	-10	-10	138	-10	66	BN	QU	0.2	M	5	B	L	L	M	BDR	N		H	
NA13279	-2	5	31	0.15	-10	-10	76	-10	64	BN	QU	0.5	M	40	A	H	H	M	BDR	S		L	
NA13280	-2	4	18	0.1	-10	-10	81	-10	54	BN	QL	0.5	M	5	B	L	L	M	BDR	N		H	
NA13281	-2	5	17	0.24	-10	-10	160	-10	66	BN	QU	0.2	M	5	A	L	L	M	BDR	N		H	
NA13282	-2	2	18	0.09	-10	-10	77	-10	33	BN	QU	0.3	M	5	A	L	L	S	BDR	N		M	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA13283	595275	6993307	SETWART	ROBINSON	20030623	3	-0.2	2.31	3	-10	200	-0.5	-2	0.25	-0.5	10	30	55	4.32	10	-1	0.22	10	1.18	356	-1	0.05	19	540	6	0.33
NA13284	595206	6993487	STEWART	ROBINSON	20030623	1	-0.2	1.93	5	-10	300	-0.5	-2	0.34	-0.5	14	25	38	3.51	10	-1	0.16	10	0.8	367	-1	0.02	15	390	11	0.01
NA13285	595169	6993673	STEWART	ROBINSON	20030623	1	-0.2	1.62	5	-10	260	-0.5	-2	0.24	-0.5	10	23	50	2.63	10	-1	0.07	10	0.46	220	-1	0.02	16	510	11	0.03
NA13286	595176	6993823	STEWART	ROBINSON	20030623	4	-0.2	1.8	4	-10	240	-0.5	-2	0.31	-0.5	13	28	54	3.13	10	-1	0.08	10	0.57	308	-1	0.02	21	420	9	0.02
NA13287	595210	6994023	STEWART	ROBINSON	20030623	2	-0.2	1.51	5	-10	120	-0.5	-2	0.23	-0.5	11	39	44	2.52	-10	-1	0.05	-10	0.48	229	-1	0.02	19	290	6	0.02
NA13244	596646	6989479	STEWART	RYAN	20030623	6	-0.2	1.83	16	-10	220	-0.5	-2	0.18	-0.5	10	39	42	3.41	10	-1	0.13	20	0.6	338	1	0.01	26	580	12	0.05
NA13245	596799	6989656	STEWART	RYAN	20030623	-1	-0.2	0.4	2	-10	40	-0.5	-2	0.76	-0.5	78	1145	102	3.86	-10	-1	-0	-10	2.85	544	-1	-0	1470	70	2	0.03
NA13246	596902	6989824	STEWART	RYAN	20030623	5	-0.2	1.88	14	-10	110	-0.5	-2	0.21	-0.5	26	61	173	4.04	10	-1	0.1	10	0.85	479	1	0.01	56	710	9	0.05
NA13247	596861	6990097	STEWART	RYAN	20030623	3	0.3	1.83	8	-10	230	0.5	-2	0.37	-0.5	12	39	31	2.6	10	-1	0.13	30	0.9	225	-1	0.02	27	510	19	0.02
NA13248	596845	6990265	STEWART	RYAN	20030623	7	-0.2	1.57	16	-10	370	0.8	-2	0.32	-0.5	19	36	59	4.64	10	-1	0.14	40	0.71	620	1	0.01	40	680	22	-0
NA13249	596808	6990463	STEWART	RYAN	20030623	4	-0.2	2.44	12	-10	220	0.5	-2	0.25	-0.5	14	36	31	3.75	10	-1	0.08	10	0.67	494	1	0.01	30	410	14	0.01
NA13400	596812	6990668	STEWART	RYAN	20030623	5	-0.2	2.57	10	-10	210	0.6	-2	0.26	-0.5	16	51	39	4.04	10	-1	0.11	20	0.95	708	1	0.01	30	680	52	0.05
NA13401	596996	6990752	STEWART	RYAN	20030623	-1	-0.2	3.06	4	-10	270	0.7	-2	0.51	-0.5	21	162	35	4.06	10	-1	0.09	20	1.71	628	-1	0.02	47	430	13	0.01
NA13402	597195	6990815	STEWART	RYAN	20030623	1	-0.2	2.61	13	-10	280	1.1	-2	0.4	-0.5	26	47	166	5.47	10	-1	0.31	60	1.35	719	5	0.01	50	1450	23	0.01
NA13403	597344	6990947	STEWART	RYAN	20030623	4	-0.2	2.09	5	-10	310	-0.5	-2	0.44	-0.5	12	40	46	2.8	10	-1	0.15	30	0.94	264	1	0.02	26	730	12	0.02
NA13404	597440	6991131	STEWART	RYAN	20030623	4	0.2	2.37	4	-10	260	0.5	-2	0.44	-0.5	12	41	68	3.47	10	-1	0.12	30	0.9	285	1	0.02	24	590	28	0.02
NA13405	597474	6991352	STEWART	RYAN	20030623	3	-0.2	2.39	6	-10	300	-0.5	-2	0.44	-0.5	15	52	46	3.71	10	-1	0.28	20	1.16	395	-1	0.02	26	530	14	0.01
NA13406	597565	6991474	STEWART	RYAN	20030623	2	-0.2	2.82	9	-10	170	0.6	-2	0.42	-0.5	23	51	57	4.59	10	-1	0.11	10	1.25	678	1	0.02	26	710	15	0.01
NA13407	597637	6991670	STEWART	RYAN	20030623	4	-0.2	2.33	10	-10	240	0.6	-2	0.3	-0.5	15	36	28	4.07	10	-1	0.1	10	0.74	707	1	0.02	27	600	21	0.01
NA13408	597667	6991915	STEWART	RYAN	20030623	2	-0.2	2.04	4	-10	220	-0.5	-2	0.52	-0.5	15	37	42	3.16	-10	-1	0.09	10	0.91	303	-1	0.03	24	560	9	0.01
NA13409	597696	6992101	STEWART	RYAN	20030623	1	-0.2	3.72	7	-10	270	-0.5	-2	0.58	-0.5	25	52	63	4.87	10	-1	0.41	10	2.81	398	-1	0.03	24	440	3	0.01
NA13410	597705	6992294	STEWART	RYAN	20030623	2	-0.2	2.56	9	-10	190	-0.5	-2	0.24	-0.5	13	34	49	4.09	10	-1	0.08	10	0.72	350	1	0.01	21	390	14	0.01
NA13411	597615	6992457	STEWART	RYAN	20030623	3	-0.2	2.37	10	-10	150	-0.5	-2	0.19	-0.5	16	31	46	4.81	10	-1	0.08	10	0.73	531	1	0.01	20	560	24	0.02
NA13412	597500	6992577	STEWART	RYAN	20030623	-1	-0.2	4.06	5	-10	190	-0.5	-2	0.51	-0.5	26	45	178	6.67	10	-1	0.09	10	1.92	626	-1	0.03	21	570	4	0.02
NA13414	597356	6992707	STEWART	RYAN	20030623	3	-0.2	2.11	8	-10	170	-0.5	-2	0.3	-0.5	11	32	23	3.12	10	-1	0.06	10	0.65	248	-1	0.02	21	350	8	0.01
NA13415	597240	6992875	STEWART	RYAN	20030623	6	-0.2	2.18	5	-10	290	-0.5	-2	0.48	-0.5	13	34	32	2.94	10	-1	0.07	10	0.79	313	-1	0.02	22	480	11	0.02
NA13416	597112	6993028	STEWART	RYAN	20030623	2	-0.2	4.25	-2	-10	170	-0.5	-2	0.6	0.5	32	68	144	5.7	10	-1	0.72	-10	3.7	862	-1	0.03	29	680	7	-0
NA13417	597068	6993210	STEWART	RYAN	20030623	2	-0.2	2.71	5	-10	140	-0.5	-2	0.34	-0.5	14	42	39	3.81	10	-1	0.22	10	1.36	306	1	0.02	22	410	9	0.02
NA13418	597036	6993383	STEWART	RYAN	20030623	3	-0.2	2.12	3	-10	130	-0.5	-2	0.35	-0.5	11	31	32	2.79	10	-1	0.06	10	0.88	253	-1	0.02	17	400	9	0.01
NA13419	596945	6993567	STEWART	RYAN	20030623	5	-0.2	2.36	4	-10	220	-0.5	-2	0.58	-0.5	14	36	39	3.15	10	-1	0.07	10	1.03	391	-1	0.02	22	650	8	0.01
NA15032	594322	6999799	STEWART	RYAN	20030724	3	0.2	2.26	12	-10	280	0.5	-2	0.26	-0.5	10	36	24	3.29	10	-1	0.05	20	0.6	430	-1	0.01	20	230	7	0.01
NA15033	594441	6999940	STEWART	RYAN	20030724	4	-0.2	2.46	14	-10	310	0.5	2	0.22	-0.5	10	36	32	3.3	10	-1	0.05	20	0.6	336	-1	0.01	25	240	6	0.01
NA15034	594604	7000034	STEWART	RYAN	20030724	-1	-0.2	1.84	16	-10	160	0.8	-2	0.07	-0.5	10	18	43	5.13	10	-1	0.05	10	0.18	817	-1	0.01	8	250	6	0.01
NA15035	594782	7000025	STEWART	RYAN	20030724	1	0.3	1.78	18	10	350	1.4	-2	0.11	-0.5	10	32	21	3.04	-10	-1	0.08	10	0.24	233	1	0.01	43	150	19	0.01
NA15036	594678	7000183	STEWART	RYAN	20030724	2	-0.2	1.77	8	-10	130	-0.5	-2	0.15	-0.5	6	27	14	3.4	10	-1	0.06	10	0.38	407	2	0.01	17	640	9	0.01
NA15037	594488	7000144	STEWART	RYAN	20030724	3	-0.2	1.27	6	-10	170	0.5	-2	0.3	-0.5	4	19	16	2.73	10	-1	0.06	20	0.33	390	1	0.01	13	540	9	0.01
NA15038	594299	7000113	STEWART	RYAN	20030724	5	-0.2	1.38	6	-10	150	-0.5	2	0.29	-0.5	5	24	15	2.24	-10	-1	0.04	20	0.42	226	1	0.01	17	480	6	0.01
NA15039	594153	7000223	STEWART	RYAN	20030724	5	-0.2	2.31	9	-10	310	0.5	-2	0.34	-0.5	10	35	32	3.17	10	-1	0.05	20	0.62	328	1	0.02	24	420	11	0.01
NA15040	594038	7000388	STEWART	RYAN	20030724	3	0.2	2.48	10	-10	210	0.5	-2	0.23	-0.5	12	37	31	3.12	10	1	0.04	10	0.57	333	1	0.02	25	180	12	0.01
NA15041	593905	7000525	STEWART	RYAN	20030724	4	0.2	2.15	10	-10	220	-0.5	-2	0.26	-0.5	11	34	27	3.01	-10	1	0.05	10	0.55	361	1	0.01	28	450	9	0.01
NA15042	593770	7000672	STEWART	RYAN	20030724	-1	-0.2	1.58	7	-10	140	-0.5	-2	0.14	-0.5	9	23	12	3.08	10	-1	0.05	10	0.29	735	1	0.01	10	530	21	0.01
NA15043	593666	7000845	STEWART	RYAN	20030724	6	-0.2	1.94	6	-10	240	0.5	-2	0.23	-0.5	9	32	26	2.66	-10	-1	0.04	20	0.55	267	1	0.01	24	170	6	-0
NA15044	593555	7001013	STEWART	RYAN	20030724	2	-0.2	2.67	8	-10	220	0.5	-2	0.32	-0.5	10	36	30	3.63	10	-1	0.07	20	0.64	436	2	0.01	25	420	11	0.01
NA15045	593495	7001214	STEWART	RYAN	20030724	2	0.3	1.89	6	-10	160	-0.5	2	0.28	-0.5	10	27	25	3.12	10	-1	0.08	10	0.54	519	1	0.02	17	470	8	0.01
NA15046	593484	7001434	STEWART	RYAN	20030724	3	-0.2	1.63	12	-10	130	-0.5	-2	0.15	-0.5	6	24	12	3.67	10	-1	0.05	10	0.38	255	1	0.01	14	660	8	0.01
NA15047	593461	7001638	STEWART	RYAN	20030724	3	-0.2	2.43	8	-10	480	0.5	-2	0.65	-0.5	16	46	43	3.82	10	1	0.13	20	1.06	468	1	0.03	26	630	13	0.01
NA15048	593466	7001843	STEWART	RYAN	20030724	1	-0.2	2.6	6	-10	210	0.5	-2	0.17	-0.5	15	36	32	3.42	10	1	0.05	10	0.55	281	1	0.01	23	320	10	0.01
NA15049	593397	7002045	STEWART	RYAN	20030724	1	-0.2	2.04	9	-10	260	-0.5	-2	0.22	-0.5	11	29	22	2.98	10	1	0.05	10	0.45	288	1	0.01	21	300	12	0.01
NA15050	591743	6999247	STEWART	ROBINSON	20030724	2	-0.2	1.94	6	-10	170	-0.5	-2	0.32	-0.5	10	30	40	3.01	10	-1	0.08	10	0.74	271	1	0.02	16	420	5	0.01
NA15051	591691	6999162	STEWART	ROBINSON	20030724	1	-0.2	2.13	9	-10	320	-0.5	-2	0.55	-0.5	20	34	73	3.18	10	1	0.25	10	0.9	592	-1	0.02	18	1000	5	0.03
NA15052	591640	6999074	STEWART	ROBINSON	20030724	4	-0.2	1.36	7	-10	190	-0.5	-2	0.32	-0.5	9	24	24	2.12	10	-1	0.05	10	0.54	317	1	0.02	12	560	7	0.03
NA15053	591470	6999173	STEWART	ROBINSON	20030724	-1	-0.2	1.82	7	-10	290	-0.5	-2	0.48	-0.5	12	18	36	3.77	10	-1	0.13	10	0.77	276	1	0.03	12	860	5	0.04
NA15054	591523	6999261	STEWART	ROBINSON	20030724	1	-0.2	1.79	3	-10	200	-0.5	-2	0.21	-0.5	12	26	28	3.06	10	-1	0.07	10	0.51	630	1	0.02	17	290	6	0.01
NA15055	591563	6999350	STEWART	ROBINSON	20030724	-1	-0.2	2.55	2	-10	410	-0.5	-2	0.45	-0.5	18	102	91	4.82	10	1	0.18	10	1.63	457	1	0.04	43	330	8	0.01
NA15056	591618	6999433	STEWART	ROBINSON	20030724	2	-0.2	2.41	6	-10	260	-0.5	-2	0.29	-0.5	9	28	33	3.87	10	1	0.11	20	0.76	329	1	0.02	15	330	8	-0
NA15057	591667	6999520	STEWART	ROBINSON	20030724	6	0.3	2.36	2	-10	510	-0.5	-2	0.32	-0.5	16	23	68	3.73	10	-1	0.27	20	1.04	410	1	0.02	16	580	4	0.02
NA15058	591720	6999606	STEWART	ROBINSON	20030724	7	-0.2	3.68	6	-10	610	0.5	-2	0.3	-0.5	17	27	87	3.37	10	1	0.17	10	0.72	338	1	0.04	18	560	9	0.01
NA15059	591490	6999616	STEWART	ROBINSON	20030724	-1	-0.2	2.29	8	-10	160	-0.5	-2	0.13	-0.5	7	28	38	3.33	10	-1	0.11	10	0.81	280	2	0.01	15	490	5	0.08
NA15060	591443	6999529	STEWART	ROBINSON	20030724	5	-0.2	2.05	7	-10	190	-0.5	-2	0.22	-0.5	10	28	37	3.2	10	-1	0.07	10	0.7	232	2	0.01	18	300	7	0.02
NA15061	591396	6999442	STEWART	ROBINSON	20030724	1	0.3	2.38	9	-10	190	-0.5	-2	0.15	-0.5	12	34	27	3.57	10	1	0.05	10	0.68	264	1	0.01	20	210	8	0.01
NA15062	591345	6999356	STEWART	ROBINSON	20030724	2	-0.2	1.82	5	-10	490	-0.5	-2	0.25	-0.5	8	24	28	3.33	10	-1	0.06	10	0.55	271	1	0.01	14	490	9	0.01
NA15063	591294	6999271	STEWART	ROBINSON	20030724	1	-0.2	2.12	7	-10	240	-0.5	-2	0.29	-0.5	11	27	35	3.82	10	-1	0.05	10	0.68	302	1	0.03	18	220	8	0.01
NA15064	591122	6999376	STEWART	ROBINSON	20030724	1	0.2	1.5	5	-10	150	-0.5	-2	0.12	-0.5	11	18	16	2.71	10	-1	0.04	10	0.42	586	1	0.01	8	510	7	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA13283	-2	8	35	0.11	-10	-10	102	-10	106	BN	QU	0.5	M	10	B	H	H	M	BDR	S		M	
NA13284	-2	5	20	0.15	-10	-10	94	-10	64	BN	QU	0.45	M	10	A	H	H	M	COL	S		M	
NA13285	-2	3	18	0.09	-10	-10	68	-10	48	BN	QU	0.4	M	30	B	M	L	S	COL	S		M	
NA13286	-2	5	19	0.1	-10	-10	80	-10	64	BN	QU	0.5	M	40	A	M	H	S	COL	P		L	
NA13287	-2	4	15	0.07	-10	-10	66	-10	47	BN	QU	0.4	M	0.5	B	M	H	S	COL	P		L	
NA13244	-2	4	19	0	-10	-10	74	-10	65	BN	QD	0.4	M	5	B	M	M	F	BDR	N	QTZ	M	QUARTZITE AND QUARTZ MUSC. SCHIST
NA13245	-2	3	19	0	-10	-10	34	-10	10	BN	QL	0.6	M		C	L	L	G	BDR	N	AMP	H	
NA13246	-2	5	16	0	-10	-10	81	-10	62	BN	QD	0.35	M	15	B	L	L	M	BDR	N	AMP	L	AMPHIBOLITE?
NA13247	-2	5	27	0	-10	-10	56	-10	57	BN	QD	0.4	M	30	B	H	H	F	COL	S		L	NO ROCKS, VERY WET SAMPLE, FROZEN GROUND ALL AROUND
NA13248	-2	7	23	0	-10	-10	49	-10	92	OR	QB	0.55	M	10	B	M	M	F	BDR	S	QTZ	M	RUSTY QUARTZITE?
NA13249	-2	6	21	0	-10	-10	70	-10	67	BN	QL	0.2	M	2	B	L	L	F	BDR	N	QTZ	M	RUSTY QUARTZITE?
NA13400	-2	5	28	0	-10	-10	77	-10	75			0											
NA13401	2	8	34	0	-10	-10	78	-10	69	BN	QL	0.4	M		C	L	L	F	BDR	N	AMP	M	AMPHIBOLITE AND QUARTZITE
NA13402	-2	6	24	0	-10	-10	60	-10	122	OR	QU	0.55	M		C	L	L	F	BDR	N	SCH	H	QUARTZ MUSC. SCHIST
NA13403	-2	7	32	0	-10	-10	58	-10	64	BN	QD	0.4	M	15	B	H	M	G	COL	S	SCH	L	QUARTZ-MUSC SCHIST AND QUARTZITE?
NA13404	2	7	34	0	-10	-10	63	-10	70	BN		0.3	M	10	B	H	H	G	BDR	S	QTZ	L	SOIL FROM FROST BOIL. QUARTZITE?
NA13405	-2	7	34	0	-10	-10	74	-10	83	BN	QL	0.4	M	5	B	M	M	F	BDR	S	QTZ	M	QUARTZITE OF AMPHIBOLITE? SOIL IS FROM A FROST BOIL
NA13406	-2	6	30	0	-10	-10	106	-10	79	BN	QL	0.3	M	5	C	L	L	G	BDR	N	AMP	M	QUARTZ BEIN WITH COPPER STAINING WITH AMPHIBOLITES AROUND
NA13407	3	6	24	0	-10	-10	72	-10	79	OR	QL	0.25	M	0	C	L	L	F	BDR	N	GNT	M	GRANITE?
NA13408	-2	6	33	0	-10	-10	72	-10	66	BN	QU	0.3	M	20	B	M	M	G	BDR	S	AMP	L	
NA13409	2	13	37	0	-10	-10	136	-10	81	BN		0.3	M	15	B	M	H	F	BDR	S	AMP	L	SWAMPY GROUND, POOR SOIL, HAS ORANGE TONE
NA13410	2	7	22	0	-10	-10	99	-10	63	OR	QL	0.15	M	15	B	M	M	G	BDR	N	AMP	L	ROCKY GROUND, POOR SOIL CONDITION, AMPHIBOLITE?
NA13411	-2	5	17	0	10	-10	106	-10	74	BN	QL	0.4	M	5	B	L	L	F	BDR	N	AMP	M	AMPHIBOLITE?
NA13412	2	11	41	0	10	-10	189	-10	107	BN		0.65	M		C	L	L	G	BDR	N	AMP	H	WITH AN ORANGE TONE
NA13414	-2	4	27	0	-10	-10	73	-10	50	BN	QU	0.35	M	15	B	M	L	F	BDR	N	AMP	L	ROCKY GROUND, HARD TO GET GOOD SAMPLE
NA13415	-2	5	34	0	-10	-10	65	-10	57	BN	QD	0.55	M	10	B	H	M	F	BDR	S		L	NO ROCKS, POOR SAMPLE, SWAMPY
NA13416	-2	16	21	0	-10	-10	156	-10	75	BN	QL	0.6	M		C	L	L	M	BDR	N	AMP	M	
NA13417	-2	5	27	0	-10	-10	100	-10	73	BN	QD	0.2	M	10	B	M	L	M	COL	S		L	ROCKY FROZEN GROUND, POOR SAMPLE
NA13418	2	5	25	0	-10	-10	72	-10	59	BN	QD	0.3	M	20	B	H	L	M	COL	P	AMP	L	ROCKY GROUND WITH PERMAFROST NORTH SIDE. AMPHIBOLITE ROCKS AROUND
NA13419	-2	6	35	0	-10	-10	74	-10	75	BN	QU	0.25	M	25	B	H	H	S	COL	P		L	SWAMPY NORTH SIDE, LOTS OF FROZEN GROUND
NA15032	-2	8	23	0.13	-10	-10	68	-10	59	BN	QL	0.4	M		C	L	L	F	BDR	N		M	
NA15033	-2	7	20	0.12	-10	-10	67	-10	51	OR	QL	0.5	M		C	L	L	F	BDR	N		M	
NA15034	-2	13	7	0.04	-10	-10	35	-10	118	OR	QL	0.45	M		C	L	L	F	BDR	N		H	
NA15035	-2	5	16	0.02	-10	-10	64	-10	49	OR	QL	0.25	M		C	L	L	F	BDR	N	SCH	H	QTZ MUSC SCHIST
NA15036	-2	4	13	0.09	-10	-10	68	-10	59	BN	QD	0.4	M		C	M	L	G	BDR	N	SCH	L	QTZ MUSC SCHIST, ROCKY GROUND
NA15037	-2	6	21	0.08	-10	-10	41	-10	45	BN	QL	0.4	M		C	L	L	M	COL	N		M	
NA15038	-2	5	20	0.1	-10	-10	45	-10	44	BN	QL	0.35	M	5	B	M	L	M	COL	N		L	ROCKY GROUND, POOR SOIL
NA15039	-2	8	29	0.11	-10	-10	65	-10	48	BN	QL	0.7	M		C	L	L	F	BDR	N		M	ORANGE ON BOTTOM
NA15040	-2	6	22	0.12	-10	-10	72	-10	52	BN	QL	0.4	M		B	M	L	G	BDR	N		M	NOT WELL DEVELOPED SOIL
NA15041	-2	5	23	0.11	-10	-10	65	-10	51	BN	QD	0.4	M	10	C	M	L	G	BDR	N	AMP	M	AMPHIBOLITE?
NA15042	-2	5	13	0.08	-10	-10	62	-10	53	BN	QL	0.25	M		B	L	L	F	BDR	N		M	
NA15043	-2	6	23	0.09	-10	-10	58	-10	46	BN	QL	0.35	M		B	L	L	G	BDR	N		L	ROCKY AREA POOR SOIL
NA15044	-2	6	27	0.12	-10	-10	71	-10	94	BN	QL	0.2	M		B	M	L	G	COL	N		L	
NA15045	-2	6	21	0.14	-10	-10	66	-10	73	BN	QL	0.3	M	5	B	M	L	G	COL	N		L	POOR SOIL, ROCKY GROUND
NA15046	2	4	19	0.13	-10	-10	95	-10	44	OR	QL	0.35	M		B	L	L	M	COL	N	QZT	M	QUARTZITE?
NA15047	-2	8	68	0.16	-10	-10	81	-10	72	BN	QD	0.55	M		C	L	L	M	COL	N		M	
NA15048	-2	4	18	0.11	-10	-10	73	-10	58	BN	QL	0.25	M	5	B	L	L	M	COL	N		L	POOR SOIL
NA15049	-2	3	28	0.1	-10	-10	72	-10	46	BN	QL	0.4	M	10	B	L	L	S	COL	N		L	POOR SOIL, ROCKY GROUND
NA15050	-2	4	19	0.14	-10	-10	81	-10	56	BN	QU	0.7	M		C	L	L	G	COL	N		H	
NA15051	-2	9	27	0.15	-10	-10	87	-10	59	GY	QD	0.6	M	25	C	M	H	G	COL	S		H	
NA15052	-2	3	20	0.1	-10	-10	59	-10	45	BK	QU	0.6	M	30	B	H	H	M	COL	S		M	
NA15053	-2	9	24	0.08	-10	-10	130	-10	55	BK	QU	0.79	M	20	C	H	M	G	ALV	N		H	OLD STREAM BED
NA15054	-2	6	16	0.11	-10	-10	88	-10	52	BN	QL	0.65	M		C	L	L	M	COL	N		H	
NA15055	-2	12	22	0.13	-10	-10	114	-10	87	BN	QL	0.6	M		C	L	L	M	COL	N		H	DISTINCT LAYER OF YELLOW @ 40 CM
NA15056	-2	7	21	0.14	-10	-10	93	-10	60			0											NO NOTES ON CARD
NA15057	-2	9	24	0.13	-10	-10	88	-10	81	BN	QL	0.75	M		C	M	H	G	BDR	N		H	
NA15058	-2	5	30	0.13	-10	-10	57	-10	103	BN	QL	0.75	M		C	L	L	G	BDR	N		H	
NA15059	-2	7	18	0.1	-10	-10	90	-10	43	BN	QL	0.75	M		C	L	L	G	BDR	N		H	
NA15060	-2	6	21	0.14	-10	-10	83	-10	40	BN	QL	0.75	M		C	L	L	G	COL	N		H	
NA15061	-2	6	16	0.12	-10	-10	82	-10	49	OR	QD	0.7	M		C	L	L	G	COL	N		H	
NA15062	-2	5	17	0.12	-10	-10	93	-10	44	BN	QU	0.4	M		C	L	L	G	COL	N		H	
NA15063	-2	8	19	0.11	-10	-10	116	-10	45	BN	QU	0.5	M		C	L	L	G	COL	N		H	
NA15064	-2	3	11	0.11	-10	-10	80	-10	33	BN	QU	0.75	M		C	L	L	G	COL	N		H	

STEWART-THISTLE 2003 SOILS

Au Ag As Cu

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NA10886	599982	6990823	STEWART	LINLEY	20030623	-1	-0.2	2.31	6	-10	160	-0.5	-2	0.34	-0.5	14	37	26	3.52	10	-1	0.05	10	0.86	439	-1	0.01	20	420	17	0.01
NA10887	600105	6990981	STEWART	LINLEY	20030623	3	-0.2	2.23	6	-10	210	-0.5	-2	0.42	-0.5	12	33	24	3.08	10	-1	0.06	10	0.76	327	-1	0.01	18	380	9	0.01
NA10888	600105	6991184	STEWART	LINLEY	20030623	-1	-0.2	2.49	6	-10	280	0.5	-2	0.53	-0.5	14	38	28	3.51	10	-1	0.07	20	0.92	352	1	0.01	20	560	11	0.01
NA10889	600084	6991388	STEWART	LINLEY	20030623	3	-0.2	2.43	14	-10	210	0.5	-2	0.29	-0.5	13	42	26	3.45	10	-1	0.07	10	0.71	300	1	0.01	23	360	14	0.01
NA10890	600052	6991581	STEWART	LINLEY	20030623	-1	-0.2	1.56	4	-10	350	0.7	-2	0.47	-0.5	13	21	36	4.35	-10	-1	0.45	20	0.74	314	-1	-0	8	1190	9	-0
NA10891	600022	6991777	STEWART	LINLEY	20030623	-1	-0.2	2.2	3	-10	380	0.6	-2	0.46	-0.5	20	34	104	4.48	-10	-1	0.46	30	1.27	812	5	0.01	17	640	6	-0
NA10892	599942	6991962	STEWART	LINLEY	20030623	-1	-0.2	2.36	6	-10	330	0.5	-2	0.44	-0.5	14	24	17	3.83	10	-1	0.15	10	0.78	434	1	0.01	13	450	10	0.01
NA10893	599834	6992144	STEWART	LINLEY	20030623	-1	-0.2	1.31	7	-10	260	0.8	-2	0.28	-0.5	16	9	16	4.77	-10	-1	0.19	40	0.29	765	-1	0.01	9	1210	10	-0
NA10894	599666	6992259	STEWART	LINLEY	20030623	-1	-0.2	2.45	7	-10	300	1.3	-2	0.32	-0.5	30	127	20	6.74	10	-1	0.16	20	0.55	826	-1	0.01	41	570	15	0.01
NA10895	599547	6992421	STEWART	LINLEY	20030623	3	-0.2	2.29	5	-10	290	1.2	2	0.57	-0.5	43	29	144	10.7	10	-1	0.1	20	0.88	1655	-1	0.01	29	1840	4	0.01
NA13177	596774	6989266	STEWART	LINLEY	20030623	6	-0.2	2.66	6	-10	500	0.6	2	0.68	-0.5	45	138	76	5.2	10	-1	0.84	40	1.41	761	2	0.03	199	2960	12	0.25
NA13178	596866	6989087	STEWART	LINLEY	20030623	1	0.2	2.17	9	-10	150	-0.5	-2	0.19	-0.5	16	58	38	4.01	10	2	0.22	20	0.78	437	1	0.02	44	690	9	0.15
NA13179	596983	6988920	STEWART	LINLEY	20030623	2	-0.2	1.44	6	-10	100	-0.5	-2	0.17	-0.5	8	35	19	2.44	10	1	0.08	20	0.41	190	1	0.01	17	430	7	0.02
NA13180	597129	6988793	STEWART	LINLEY	20030623	7	-0.2	2.23	10	-10	190	-0.5	2	0.26	-0.5	12	39	29	3.07	10	1	0.12	20	0.66	323	-1	0.01	28	640	5	0.02
NA13181	597319	6988745	STEWART	LINLEY	20030623	1	-0.2	3.65	11	-10	180	0.6	2	0.24	-0.5	25	51	58	5.72	10	2	0.3	10	1.37	787	-1	0.02	22	570	3	0.01
NA13182	597518	6988710	STEWART	LINLEY	20030623	110	-0.2	2.3	7	-10	320	-0.5	2	0.44	-0.5	18	69	77	3.75	10	-1	0.27	10	1.36	466	1	0.03	35	760	12	0.01
NA13183	597720	6988693	STEWART	LINLEY	20030623	11	-0.2	2.12	7	-10	230	-0.5	-2	0.4	-0.5	25	38	95	3.81	10	-1	0.18	10	0.98	457	1	0.02	23	940	18	0.03
NA13184	597903	6988773	STEWART	LINLEY	20030623	34	0.3	1.79	13	-10	380	-0.5	-2	0.52	-0.5	18	40	75	3.77	10	1	0.17	20	0.69	622	-1	0.02	26	860	17	0.05
NA13185	598037	6988921	STEWART	LINLEY	20030623	6	-0.2	1.71	11	-10	170	-0.5	-2	0.23	-0.5	13	32	28	3.5	10	-1	0.1	10	0.48	395	1	0.01	22	520	13	0.02
NA13186	598185	6989061	STEWART	LINLEY	20030623	63	0.4	2.13	9	-10	280	-0.5	2	0.34	-0.5	12	36	47	3.48	10	-1	0.13	40	0.64	520	1	0.02	22	710	9	0.01
NA13187	598261	6989250	STEWART	LINLEY	20030623	28	0.4	2.71	10	-10	320	0.5	-2	0.25	-0.5	14	42	55	4.22	10	1	0.14	30	0.7	571	1	0.02	27	590	12	0.04
NA13188	598378	6989411	STEWART	LINLEY	20030623	29	-0.2	1.88	12	-10	200	-0.5	2	0.14	-0.5	12	20	44	6.03	10	1	0.34	20	0.51	454	1	0.07	13	590	15	0.58
NA13189	598471	6989588	STEWART	LINLEY	20030623	10	-0.2	2.55	12	-10	210	0.5	2	0.25	-0.5	14	41	33	3.32	10	1	0.08	20	0.69	404	-1	0.02	31	290	8	0.01
NA13190	598649	6989668	STEWART	LINLEY	20030623	-1	-0.2	2.63	12	-10	230	0.5	2	0.23	-0.5	20	37	78	4.03	10	1	0.11	20	0.68	402	-1	0.02	25	350	12	0.01
NA13192	598838	6989739	STEWART	LINLEY	20030623	1	0.2	2.02	12	-10	130	-0.5	-2	0.18	-0.5	14	28	48	3.84	10	1	0.11	10	0.61	338	1	0.01	18	410	16	0.03
NA13193	599020	6989829	STEWART	LINLEY	20030623	-1	-0.2	2.6	10	-10	190	-0.5	-2	0.19	-0.5	14	36	29	3.53	10	2	0.07	10	0.58	270	1	0.01	25	270	8	0.01
NA13194	599174	6989946	STEWART	LINLEY	20030623	21	-0.2	2.17	6	-10	420	-0.5	-2	0.38	-0.5	13	31	27	2.81	10	1	0.06	10	0.63	250	-1	0.02	21	610	6	0.01
NA13195	599341	6990067	STEWART	LINLEY	20030623	13	-0.2	1.84	4	-10	240	-0.5	-2	0.39	-0.5	11	25	25	2.62	10	-1	0.07	10	0.62	258	-1	0.02	15	460	5	0.01
NA13196	599419	6990246	STEWART	LINLEY	20030623	6	0.3	2.26	5	-10	410	-0.5	-2	0.68	-0.5	15	34	34	3.39	10	1	0.05	10	0.74	428	-1	0.03	18	930	6	0.04
NA13197	599537	6990415	STEWART	LINLEY	20030623	3	-0.2	2.57	8	-10	210	0.5	-2	0.22	-0.5	13	37	25	3.16	10	1	0.06	10	0.63	277	-1	0.01	22	330	4	0.01
NA13198	599667	6990578	STEWART	LINLEY	20030623	2	-0.2	2.61	9	-10	190	0.5	-2	0.23	-0.5	12	37	22	3.07	10	1	0.05	10	0.62	221	-1	0.02	23	270	6	0.01
NA13199	599818	6990707	STEWART	LINLEY	20030623	2	-0.2	2.63	10	-10	230	0.5	-2	0.36	-0.5	13	40	27	3.3	10	-1	0.07	20	0.67	324	-1	0.02	27	670	7	0.01
NA14920	584949	7012866	STEWART	RYAN	20030722	1	-0.2	2.37	8	-10	730	0.6	-2	0.31	-0.5	15	19	57	5.29	10	-1	0.85	20	0.96	633	1	0.01	9	690	6	0.01
NA14921	584995	7013060	STEWART	RYAN	20030722	1	-0.2	3.07	10	-10	670	-0.5	-2	0.35	-0.5	22	30	81	5.89	10	-1	0.9	20	1.55	1040	1	0.01	17	740	7	0.02
NA14922	585119	7013224	STEWART	RYAN	20030722	-1	-0.2	2.11	9	-10	570	-0.5	-2	0.5	-0.5	14	23	31	3.65	10	-1	0.69	10	1.16	762	-1	0.02	17	810	4	-0
NA14923	585180	7013410	STEWART	RYAN	20030722	8	-0.2	2.64	13	-10	480	0.7	2	0.44	-0.5	18	90	117	5.26	10	-1	0.67	40	1.36	596	1	0.03	31	960	8	0.43
NA14924	585200	7013618	STEWART	RYAN	20030722	3	-0.2	1.26	12	-10	280	0.5	-2	0.29	-0.5	9	28	20	2.4	-10	-1	0.09	20	0.47	246	-1	0.02	19	320	8	-0
NA14925	585351	7013749	STEWART	RYAN	20030722	8	-0.2	1.38	15	-10	320	-0.5	-2	2.27	-0.5	11	29	30	2.72	-10	-1	0.09	10	0.99	446	-1	0.05	26	940	10	0.01
NA14926	592066	6999408	STEWART	RYAN	20030723	1	-0.2	4.1	8	-10	500	-0.5	-2	0.34	-0.5	36	63	72	7.25	10	-1	0.84	10	1.92	842	-1	0.03	16	520	-2	0.01
NA14927	592014	6999318	STEWART	RYAN	20030723	1	-0.2	2.71	9	-10	470	-0.5	-2	0.9	-0.5	27	44	182	5.41	10	-1	0.52	-10	1.49	702	1	0.04	20	1780	6	-0
NA14928	591964	6999234	STEWART	RYAN	20030723	2	-0.2	3.2	6	-10	390	-0.5	-2	0.61	-0.5	24	43	114	4.79	10	-1	0.46	10	1.67	699	-1	0.04	19	1020	8	0.01
NA14929	591918	6999146	STEWART	RYAN	20030723	2	-0.2	2.48	7	-10	520	-0.5	2	0.89	-0.5	23	41	198	4.94	10	-1	0.76	-10	1.46	551	-1	0.04	16	2000	5	0.01
NA14930	591872	6999059	STEWART	RYAN	20030723	7	-0.2	2.01	6	-10	340	-0.5	-2	0.36	-0.5	13	28	41	3.52	10	-1	0.16	10	0.76	315	-1	0.02	12	650	9	0.02

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA15065	3	12	20	0.11	-10	-10	116	-10	42	BN	QU	0.75	M		C	L	L	G	COL	N		H	
NA15066	-2	5	74	0.09	-10	-10	54	-10	50	GY	QU	0.6	M	20	C	H	M	F	ALV	N		H	
NA15067	2	8	27	0.07	-10	-10	92	-10	116	OR	QU	0.6	M	5	C	L	L	G	COL	N		H	
NA15068	-2	5	20	0.08	-10	-10	56	-10	46	BN	QL	0.65	M	5	C	L	L	G	COL	N		H	
NA15069	2	3	22	0.08	-10	-10	51	-10	45	BN	QL	0.6	M	5	C	L	L	M	COL	N		H	
NA15070	-2	7	26	0.1	-10	-10	63	-10	52	BN	QU	0.5	M	5	C	L	L	M	COL	N		H	
NA15071	4	6	26	0.06	-10	-10	53	-10	58	BN	QL	0.6	M		C	H	L	G	COL	N		H	
NA15072	-2	6	28	0.12	-10	-10	68	-10	55	BN	QL	0.5	M	5	C	L	L	G	COL	N		H	
NA15073	-2	8	38	0.12	-10	-10	76	-10	76	BN	QU	0.7	M	5	C	L	L	S	COL	N		H	
NA15074	2	7	27	0.1	-10	-10	65	-10	60	BN	QU	0.5	M	5	C	L	L	S	COL	N		H	
NA15075	-2	3	23	0.12	-10	-10	52	-10	68	BN	QU	0.5	M	5	C	L	L	S	COL	N		H	
NA15076	-2	3	19	0.1	-10	-10	53	-10	35	BN	QL	0.6	M	5	C	L	L	S	COL	N		H	
NA15077	-2	4	25	0.09	-10	-10	59	-10	41	BN	QL	0.35	M	5	C	L	L	S	COL	N		H	
NA15078	10	4	24	0.03	-10	-10	60	-10	65	BN	QL	0.35	M	10	C	L	L	S	COL	N			
NA15079	2	6	33	0.03	-10	-10	59	-10	104	GY	QD	0.75	M	5	C	L	L	M	COL	N		H	DISTINCT COLOUR GRAD BN-GY AT 50CM
NA15080	-2	4	22	0.1	-10	-10	63	-10	64	BN	QD	0.6	M	5	C	L	L	S	COL	N		H	
NA15081	2	9	28	0.11	-10	-10	83	-10	90	BN	QL	0.65	M	5	C	L	L					H	DISTINCT DIFF AT 40CM BN(OD)-BNOL
NA15082	-2	4	33	0.13	-10	-10	77	-10	72	BN	QL	0.6	M	5	C	L	L	S	COL	N		H	
NA15083	-2	6	28	0.1	-10	-10	63	-10	71	BN	QL	0.69	M	5	C	L	L	M	COL	N		H	
NA15084	-2	6	23	0.09	-10	-10	60	-10	65	BN	QL	0.5	M	5	C	L	L	G	COL	N		H	SAMPLE FLAG NA12754 HERE, PINK FLAG, GROUND IS ROCKY
NA15085	2	6	30	0.12	-10	-10	60	-10	49	BN	QL	0.6	M	5	C	L	L	G	COL	N		H	ROCKY
NA15086	-2	2	15	0.11	-10	-10	52	-10	36	BN	QU	0.5	M	10	C	L	L	G	COL	S		H	
NA15087	-2	3	14	0.1	-10	-10	65	-10	45	BN	QL	0.5	M	5	C	M	L	G	COL	N		H	
NA10886	2	4	28	0	-10	-10	76	-10	60	BN	QE	0.06	M		B	L	L	M	BDR	N		M	
NA10887	-2	5	28	0	-10	-10	66	-10	61	BN	QD	0.2	M		B	H	H	G	BDR	N		M	
NA10888	-2	7	35	0	-10	-10	70	-10	64	BN	QD	0.3	M		B	M	M	G	BDR	N		M	
NA10889	3	5	23	0	-10	-10	70	-10	60	BN	QL	0.2	M		C	L	L	G	BDR	N		M	
NA10890	12	8	15	0	-10	-10	93	10	53	PP	QL	0.75	M		C	H	M	F	BDR	N		H	
NA10891	5	12	24	0	-10	-10	87	-10	60	RD	QD	0.3	M		C	L	L	G	BDR	N		H	
NA10892	3	6	32	0	-10	-10	66	-10	57	RD	QD	0.2	M		C	L	L	G	BDR	N		H	
NA10893	2	11	19	0	-10	-10	50	-10	73	OR	QB	0.25	M		C	L	L	F	BDR	N		H	
NA10894	3	27	20	0	-10	-10	116	-10	77	OR	QB	0.2	M		C	L	L	F	BDR	N		H	
NA10895	3	42	29	0	-10	-10	188	-10	161	OR	QD	0.4	M		C	L	L	F	BDR	N		H	
NA13177	-2	4	61	0	-10	-10	76	-10	92	BN	QD	0.55	M		C	L	L	M	BDR	N		H	
NA13178	-2	3	24	0	-10	-10	76	-10	64	BN	QD	0.35	M		C	L	L	M	BDR	N		M	
NA13179	-2	2	16	0	-10	-10	58	-10	39	BN	QD	0.3	M	3	B	M	H	G	BDR	N		M	
NA13180	-2	5	23	0	-10	-10	62	-10	57	BN	QD	0.2	M	3	B	H	H	F	BDR	N		L	
NA13181	8	11	18	0	-10	-10	131	-10	100	RD	QD	0.4	M		C	L	L	F	BDR	N		H	SL SAMP RD/BN
NA13182	-2	8	26	0	-10	-10	93	-10	97	BN	QD	0.3	M		C	L	L	F	BDR	N		H	
NA13183	-2	8	25	0	-10	-10	93	-10	78	BN	QD	0.3	M		C	L	L	G	BDR	N		H	
NA13184	-2	8	26	0	-10	-10	69	-10	81	BN	QD	0.2	M		C	L	L	G	BDR	N		H	
NA13185	-2	4	18	0	-10	-10	81	-10	68	BN	QD	0.2	M		C	L	L	M	BDR	N		H	
NA13186	-2	8	26	0	-10	-10	65	-10	89	BN	QD	0.15	M		C	L	L	M	BDR	N		H	
NA13187	-2	8	25	0	-10	-10	74	-10	92	BN	QD	0.15	M	1	B	M	L	G	BDR	N		M	
NA13188	-2	7	27	0	-10	-10	41	-10	91	OR	QB	0.1	M		C	L	L	G	BDR	N		H	
NA13189	-2	7	23	0	-10	-10	71	-10	64	BN	QD	0.15	M		C	L	L	M	BDR	N		M	
NA13190	-2	7	22	0	-10	-10	77	-10	59	BN		0.32	M		C	L	L	G	BDR	N		H	
NA13192	3	4	16	0	-10	-10	106	-10	58	BN	QE	0.2	M	1	C	L	L	G	BDR	N		M	
NA13193	-2	4	17	0	-10	-10	80	-10	60	RD	QD	0.15	M		C	L	L	G	BDR	N		H	
NA13194	-2	5	29	0	-10	-10	62	-10	53	BN	QD	0.35	M		B	H	M	G	BDR	N		M	
NA13195	-2	4	28	0	-10	-10	62	-10	46	BN	QD	0.2	M	5	B	L	L	M	BDR	N		M	
NA13196	-2	7	38	0	-10	-10	77	-10	61	BN	QD	0.4	M	3	B	M	M	G	BDR	N		M	
NA13197	-2	6	20	0	-10	-10	71	-10	57	BN	QD	0.25	M		C	M	L	G	BDR	N		M	
NA13198	-2	5	23	0	-10	-10	71	-10	47	BN	QE	0.25	M		C	L	L	F	BDR	N		H	
NA13199	2	7	30	0	-10	-10	75	-10	54	BN	QD	0.15	M		B	L	L	G	BDR	N		M	
NA14920	2	21	17	0.19	-10	-10	108	-10	69	BN		0.6	M		C	L	M	G	COL	S		H	TOUCH OF OR
NA14921	-2	22	26	0.17	-10	-10	110	-10	168	OR	QL	0.7	M		C	L	L	G	COL	N		H	
NA14922	2	12	27	0.17	-10	-10	91	-10	54	BN	QL	0.7	M		C	L	L	M	BDR	N		H	
NA14923	-2	13	77	0.16	-10	-10	95	-10	300	OR	QL	0.7	M		C	L	L	G	BDR	N		H	
NA14924	-2	6	23	0.1	-10	-10	50	-10	41	OR	QL	0.6	M		C	L	L	G	BDR	N		H	
NA14925	-2	5	68	0.13	-10	-10	65	-10	61	GY	QD	0.7	M		B	H	L	S	BDR	N		L	POOR SL LOESS
NA14926	2	24	15	0.24	-10	-10	217	-10	120	BN	QD	0.6	M		C	L	L	G	BDR	N		H	
NA14927	3	12	27	0.18	-10	-10	154	-10	82	BN	QD	0.6	M		C	L	L	G	BDR	N		H	
NA14928	-2	9	22	0.23	-10	-10	140	-10	98	BN	QD	0.5	M		C	L	L	G	COL	N		H	
NA14929	-2	14	24	0.18	-10	-10	154	-10	106	OR	QB	0.55	M		C	M	H	M	COL	P		M	SOME BN
NA14930	-2	8	19	0.14	-10	-10	84	-10	67	BN	QL	0.55	M	10	B	M	H	M	COL	P		L	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA14931	591815	6998970	STEWART	RYAN	20030723	2	-0.2	1.8	9	-10	330	-0.5	-2	0.37	-0.5	12	27	31	3.51	10	-1	0.2	10	0.7	398	-1	0.02	16	510	6	0.01
NA14932	591988	6998877	STEWART	RYAN	20030723	1	-0.2	1.74	11	-10	520	0.5	-2	0.3	-0.5	22	23	37	4.8	10	-1	0.3	20	0.84	599	3	0.01	14	370	8	0.02
NA14933	592032	6998961	STEWART	RYAN	20030723	2	-0.2	1.97	10	-10	370	-0.5	-2	0.41	-0.5	18	42	40	3.89	10	-1	0.21	10	0.95	455	1	0.02	19	610	7	0.01
NA14934	592086	6999045	STEWART	RYAN	20030723	2	0.2	2.13	12	-10	310	-0.5	2	0.28	-0.5	13	30	28	3.43	10	-1	0.1	10	0.72	414	1	0.01	18	520	7	0.01
NA14935	592138	6999128	STEWART	RYAN	20030723	-1	-0.2	2.8	5	-10	570	-0.5	2	0.54	-0.5	22	18	79	5.31	10	-1	0.67	10	1.55	777	-1	0.03	13	1190	2	0.01
NA14936	592183	6999219	STEWART	RYAN	20030723	1	-0.2	2.42	12	-10	390	0.5	-2	0.2	-0.5	15	27	59	4.99	10	-1	0.35	20	0.73	484	1	0.01	17	480	10	0.01
NA14937	592237	6999303	STEWART	RYAN	20030723	7	-0.2	2.26	11	-10	350	-0.5	-2	0.31	-0.5	31	19	184	5.68	10	-1	0.26	10	0.88	495	1	0.02	17	440	9	0.01
NA14938	592287	6999389	STEWART	RYAN	20030723	4	-0.2	2.16	12	-10	300	-0.5	-2	0.51	-0.5	25	67	64	4.85	10	-1	0.24	10	0.98	540	1	0.02	28	650	11	0.01
NA14939	592338	6999480	STEWART	RYAN	20030723	9	0.2	2.07	7	-10	400	-0.5	-2	0.53	-0.5	18	32	73	4.18	10	-1	0.25	10	0.93	430	1	0.02	17	710	6	0.03
NA14940	592386	6999542	STEWART	RYAN	20030723	3	-0.2	1.94	9	-10	220	-0.5	-2	0.38	-0.5	13	31	37	3.4	10	-1	0.25	10	1.06	472	1	0.02	17	440	4	0.01
NA14850	587782	7009865	STEWART	ROBINSON	20030722	2	0.2	1.95	9	-10	140	-0.5	-2	0.26	-0.5	9	28	18	3.48	10	-1	0.12	10	0.64	352	1	0.01	18	770	6	0.01
NA14851	587875	7010083	STEWART	ROBINSON	20030722	3	-0.2	2.07	9	-10	170	-0.5	-2	0.18	-0.5	8	31	38	3.26	10	-1	0.08	10	0.51	248	1	0.01	18	360	11	0.01
NA14852	587960	7010268	STEWART	ROBINSON	20030722	2	-0.2	2.56	8	-10	250	-0.5	-2	0.24	-0.5	10	25	25	4.37	10	1	0.33	10	0.72	524	1	0.01	12	570	4	0.01
NA14853	588016	7010433	STEWART	ROBINSON	20030722	39	1.5	1.24	7	-10	420	-0.5	-2	0.29	0.5	4	14	96	4.51	10	1	0.41	10	0.45	330	1	0.11	8	690	30	0.61
NA14854	588032	7010457	STEWART	ROBINSON	20030722	16	0.4	1.54	5	-10	260	-0.5	-2	0.24	-0.5	5	23	39	2.56	10	-1	0.07	10	0.44	161	1	0.01	14	510	17	0.03
NA14855	588194	7010598	STEWART	ROBINSON	20030722	2	-0.2	2.24	9	-10	200	-0.5	-2	0.33	-0.5	13	38	31	3.1	10	-1	0.13	10	0.81	393	1	0.01	19	560	10	0.01
NA14856	588345	7010732	STEWART	ROBINSON	20030722	5	-0.2	2.43	8	-10	260	-0.5	2	0.52	-0.5	12	38	16	3.04	10	1	0.07	10	0.62	554	1	0.03	22	740	6	0.01
NA14857	588489	7010871	STEWART	ROBINSON	20030722	1	-0.2	2.29	9	-10	300	-0.5	-2	0.21	-0.5	11	35	43	3.51	10	1	0.2	10	0.76	334	1	0.01	18	310	8	0.01
NA14858	588599	7011049	STEWART	ROBINSON	20030722	-1	-0.2	3.09	5	-10	780	-0.5	-2	0.79	-0.5	14	24	55	3.91	10	1	0.68	10	1.43	801	-1	0.03	13	890	18	-0
NA14859	588735	7011249	STEWART	ROBINSON	20030722	1	-0.2	2.34	2	-10	260	-0.5	-2	0.52	-0.5	14	29	29	3.26	-10	1	0.29	10	0.93	382	-1	0.02	15	410	6	-0
NA14860	588706	7011451	STEWART	ROBINSON	20030722	2	-0.2	1.84	6	-10	190	-0.5	-2	0.16	-0.5	10	31	16	2.86	10	-1	0.08	10	0.42	440	1	0.01	20	250	8	0.01
NA14861	588784	7011642	STEWART	ROBINSON	20030722	-1	-0.2	3.07	6	-10	390	-0.5	-2	1.14	-0.5	27	30	131	5.71	10	-1	0.7	20	1.8	1295	-1	0.03	18	1930	-2	-0
NA14862	588811	7011838	STEWART	ROBINSON	20030722	-1	-0.2	2.1	4	-10	280	-0.5	-2	0.62	-0.5	13	106	37	3.29	10	1	0.33	20	0.96	688	1	0.02	42	1090	5	-0
NA14863	588837	7012093	STEWART	ROBINSON	20030722	-1	-0.2	2.65	5	-10	280	-0.5	-2	0.64	-0.5	18	47	68	4.26	10	1	0.24	10	1.35	673	1	0.03	26	960	4	-0
NA14864	588128	7009844	STEWART	ROBINSON	20030722	1	-0.2	2.61	7	-10	290	-0.5	-2	0.15	-0.5	9	24	23	4.75	10	1	0.36	10	0.81	608	1	0.01	13	510	7	0.01
NA14865	588328	7009873	STEWART	ROBINSON	20030722	1	-0.2	2.43	7	-10	400	-0.5	-2	0.39	-0.5	14	64	38	3.36	10	1	0.32	10	1.1	587	1	0.03	26	860	12	0.01
NA14866	588514	7009963	STEWART	ROBINSON	20030722	1	-0.2	2.3	7	-10	220	-0.5	-2	0.22	-0.5	11	33	37	3.82	10	1	0.11	10	0.71	355	1	0.02	18	440	8	0.01
NA14867	588657	7010103	STEWART	ROBINSON	20030722	-1	-0.2	3.06	2	-10	440	-0.5	-2	0.58	-0.5	15	40	166	4.66	10	1	0.42	10	1.39	468	1	0.03	16	1080	5	0.01
NA14868	588748	7010295	STEWART	ROBINSON	20030722	2	-0.2	2.05	3	-10	180	-0.5	-2	0.41	-0.5	11	37	60	3.07	10	1	0.05	10	0.81	228	-1	0.03	18	740	5	0.01
NA14869	588869	7010461	STEWART	ROBINSON	20030722	-1	0.2	3.33	3	-10	140	-0.5	-2	0.58	-0.5	22	58	70	4.49	10	1	0.1	-10	1.95	664	-1	0.03	30	680	3	0.01
NA14870	588987	7010624	STEWART	ROBINSON	20030722	-1	0.3	3.56	-2	-10	760	0.5	-2	0.39	-0.5	17	52	89	5.16	10	1	0.22	20	2.03	503	-1	0.02	30	400	-2	0.01
NA14871	589112	7010787	STEWART	ROBINSON	20030722	-1	-0.2	4.5	-2	-10	390	0.5	-2	1.89	-0.5	24	26	90	5.09	10	1	0.41	-10	2.53	840	-1	0.03	17	1190	-2	-0
NA14872	589288	7010878	STEWART	ROBINSON	20030722	-1	-0.2	2.61	3	-10	340	-0.5	-2	0.68	-0.5	16	32	45	4	10	-1	0.23	10	1.31	509	2	0.02	18	750	9	0.01
NA14873	590626	7000112	STEWART	ROBINSON	20030724	3	-0.2	1.67	4	-10	250	-0.5	-2	0.18	-0.5	9	26	18	2.87	10	-1	0.12	10	0.67	261	-1	0.01	15	190	4	0.01
NA14874	590574	7000020	STEWART	ROBINSON	20030724	4	0.2	1.45	-2	-10	360	-0.5	-2	0.24	-0.5	9	21	24	2.73	10	-1	0.19	10	0.69	433	-1	0.01	11	280	2	0.03
NA14875	590533	6999942	STEWART	ROBINSON	20030724	1	-0.2	2.07	-2	-10	480	-0.5	-2	0.28	-0.5	11	26	43	3.6	10	-1	0.24	10	0.93	367	-1	0.02	12	370	5	0.03
NA14876	590488	6999854	STEWART	ROBINSON	20030724	2	-0.2	1.96	4	-10	350	-0.5	-2	0.28	-0.5	8	26	23	3.18	10	-1	0.09	10	0.75	323	-1	0.01	12	290	-2	0.01
NA14877	590429	6999772	STEWART	ROBINSON	20030724	5	-0.2	1.81	-2	-10	320	-0.5	-2	0.3	-0.5	9	26	23	2.94	10	1	0.09	10	0.77	318	-1	0.02	15	370	3	0.01
NA14878	590606	6999671	STEWART	ROBINSON	20030724	-1	0.2	2.27	-2	-10	490	-0.5	-2	0.29	-0.5	10	16	15	4	10	1	0.3	10	1.02	404	1	0.02	9	390	2	0.05
NA14879	590636	6999774	STEWART	ROBINSON	20030724	1	-0.2	2.31	-2	-10	360	-0.5	-2	0.25	-0.5	12	23	24	3.82	10	-1	0.23	10	1.02	446	-1	0.02	13	200	2	0.01
NA14880	590674	6999870	STEWART	ROBINSON	20030724	3	-0.2	2.28	3	-10	410	-0.5	-2	0.21	-0.5	12	29	27	3.74	10	-1	0.23	10	0.89	395	-1	0.02	17	210	4	0.01
NA14881	590748	6999948	STEWART	ROBINSON	20030724	3	0.2	1.76	5	-10	290	-0.5	-2	0.22	-0.5	7	30	24	2.89	10	1	0.06	10	0.58	240	-1	0.01	16	180	5	0.01
NA14882	590801	7000026	STEWART	ROBINSON	20030724	3	-0.2	1.92	4	-10	310	-0.5	-2	0.19	-0.5	10	32	20	2.98	10	1	0.07	10	0.65	289	-1	0.01	20	180	5	0.01
NA14883	590978	6999922	STEWART	ROBINSON	20030724	2	-0.2	1.47	-2	-10	180	-0.5	-2	0.17	-0.5	7	25	16	2.62	10	-1	0.06	10	0.43	281	-1	0.01	12	230	3	0.01
NA14884	590929	6999834	STEWART	ROBINSON	20030724	1	0.3	2.09	-2	-10	400	-0.5	-2	0.48	-0.5	17	32	61	3.99	-10	1	0.65	10	1.32	473	-1	0.02	18	750	-2	0.01
NA14885	590882	6999744	STEWART	ROBINSON	20030724	1	0.3	1.58	-2	-10	420	-0.5	-2	0.2	-0.5	7	23	26	2.76	10	-1	0.21	10	0.63	241	-1	0.01	12	370	3	0.02
NA14886	590832	6999658	STEWART	ROBINSON	20030724	3	-0.2	1.9	-2	-10	390	-0.5	-2	0.26	-0.5	11	26	39	2.9	10	-1	0.16	10	0.7	253	-1	0.02	13	380	3	0.02
NA14887	590783	6999577	STEWART	ROBINSON	20030724	27	0.2	1.28	-2	-10	190	-0.5	-2	0.25	-0.5	6	17	22	1.92	-10	1	0.11	10	0.5	153	-1	0.01	10	440	3	0.03
NA14888	590952	6999476	STEWART	ROBINSON	20030724	3	0.4	2.45	-2	-10	420	-0.5	-2	0.21	-0.5	7	17	85	4.96	10	1	0.54	20	1.01	166	-1	0.07	10	670	2	0.72
NA14889	590995	6999558	STEWART	ROBINSON	20030724	2	-0.2	1.95	-2	-10	240	-0.5	-2	0.2	-0.5	3	14	26	2.64	10	-1	0.23	20	0.85	119	-1	0.02	7	530	-2	0.16
NA14890	591046	6999643	STEWART	ROBINSON	20030724	1	0.2	2.05	-2	-10	260	-0.5	-2	0.17	-0.5	4	19	31	2.95	10	-1	0.18	10	0.95	139	-1	0.02	8	650	4	0.11
NA14891	591098	6999730	STEWART	ROBINSON	20030724	1	-0.2	2.81	-2	-10	400	-0.5	-2	0.29	-0.5	18	23	115	4.92	10	1	0.29	20	1.21	313	-1	0.03	15	390	-2	0.09
NA14892	591149	6999818	STEWART	ROBINSON	20030724	1	-0.2	2.01	-2	-10	230	-0.5	-2	0.18	-0.5	13	33	27	3.22	10	1	0.07	10	0.62	300	-1	0.01	17	210	2	0.01
NA14893	591326	6999734	STEWART	ROBINSON	20030724	1	-0.2	3.86	-2	-10	50	-0.5	-2	0.29	-0.5	1	9	117	7.49	10	1	1.3	10	1.79	294	-1	0.13	5	1090	-2	1.94
NA14894	591271	6999633	STEWART	ROBINSON	20030724	-1	-0.2	2.6	-2	-10	250	-0.5	-2	0.11	-0.5	6	26	25	2.86	10	-1	0.17	20	0.63	143	-1	0.01	14	340	2	0.13
NA14895	591223	6999547	STEWART	ROBINSON	20030724	5	-0.2	2.83	-2	-10	300	-0.5	-2	0.18	-0.5	8	18	42	4.62	-10	1	0.19	10	1.16	212	-1	0.03	12	570	-2	0.15
NA14897	591888	6999504	STEWART	ROBINSON	20030724	-1	-0.2	2.75	2	-10	190	-0.5	2	0.19	-0.5	15	28	39	4.79	10	-1	0.13	10	1.07	522	-1	0.02	17	350	2	0.01
NA14898	591841	6999421	STEWART	ROBINSON	20030724	3	-0.2	2.29	3	-10	170	-0.5	-2	0.19	-0.5	14	30	26	3.63	10	1	0.05	10	0.65	348	-1	0.02	18	310	3	0.01
NA14899	591790	6999335	STEWART	RYAN	20030724	-1	0.2	1.3	-2	-10	400	-0.5	-2	0.71	-0.5	10	21	76	1.68	-10	1	0.17	10	0.56	375	-1	0.02	13	920	2	0.06
NA14900	582377	7013074	STEWART	RYAN	20030722	1	-0.2	2.01	-2	-10	350	-0.5	-2	0.32	-0.5	8	9	27	4.23	10	-1	0.91	20	0.86	552	-1	0.03	8	440	3	0.01
NA14901	582539	7013201	STEWART	RYAN	20030722	1	-0.2	1.7	9	-10	250	-0.5	-2	0.14	-0.5	5	14	39	4.71	10	-1	0.36	20	0.42	222	2	0.01	9	400	8	0.12
NA14902	582721	7013289	STEWART	RYAN	20030722	3	-0.2	2.01	-2	-10	330	0.5	-2	0.16	-0.5	9	8	17	6.01	10	1	0.42	20	0.88	828	-1	0.01	6	230	-2	-0
NA14903	582933	7013271	STEWART	RYAN	20030722	-1	-0.2	1.7	-2	-10	260	-0.5	-2	0.47	-0.5	11	21	56	2.99	-10	-1	0.1	-10	0.59	245	-1	0.04	17	360	-2	-0
NA14904	583037	7013436	STEWART	RYAN	20030722	-1	-0.2	1.2	9	-10	280	-0.5	-2	0.19	-0.5	7	26	29	2.55	-10	-1	0.06	20	0.37	200	2	0.01	16	360	7	0.02
NA14905	583128	7013602	STEWART	RYAN	20030722	1	-0.2	2.44	3	-10	380	0.6	-2	0.28	-0.5	10	34	40	4.65	10	1	0.63	50	0.81	331	4	0.01	28	970	7	0.01
NA14906	583265	7013755	STEWART	RYAN	20030722	1	-0.2	2.55	-2	-10	430	0.6	-2	0.3	-0.5	6	89	68	3.9	10	1	0.9	30	1.61	205	3	0.02	27	1050	6	0.45

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA14931	2	7	22	0.14	-10	-10	80	-10	71	BN	QD	0.5	M	5	B	L	M	M	COL	P		M	
NA14932	-2	15	24	0.12	-10	-10	89	-10	69	OR	QL	0.55	M		C	L	L	M	COL	S		M	
NA14933	-2	9	22	0.16	-10	-10	106	-10	66	BN	QD	0.55	M	5	C	M	M	M	COL	S		M	
NA14934	-2	7	20	0.14	-10	-10	82	-10	56	BN	QD	0.6	M		C	M	M	M	COL	S		H	
NA14935	-2	17	20	0.17	-10	-10	141	-10	77	BN	QD	0.55	M		C	L	L	G	BDR	N		H	
NA14936	-2	12	19	0.16	-10	-10	64	-10	61	BN	QD	0.55	M		C	L	L	F	BDR	N		H	
NA14937	-2	16	17	0.11	-10	-10	138	-10	55	BN	QD	0.6	M		C	L	L	G	COL	N		H	
NA14938	-2	11	25	0.17	-10	-10	128	-10	130	BN		0.75	M		C	L	L	G	COL	S		H	OR TONE
NA14939	-2	10	23	0.16	-10	-10	115	-10	76	BN	QD	0.75	M	10	C	L	M	M	COL	P		M	
NA14940	-2	4	21	0.21	-10	-10	95	-10	63	BN	QD	0.35	M		B	L	L	M	COL	N		M	
NA14850	-2	5	18	0.13	-10	-10	60	-10	75	BN	QU	0.45	M	5	B	M	M	G	COL	N		M	
NA14851	-2	4	17	0.11	-10	-10	62	-10	61	BN	QU	0.5	M	5	B	M	L	G	COL	N		H	
NA14852	2	8	18	0.19	-10	-10	61	-10	126	BN	QU	0.5	M	5	B	M	L	G	COL	N		H	
NA14853	-2	5	38	0.12	-10	-10	29	-10	178	YW	QL	1	M	5	C	L	M	G	COL	N	SCH	H	MOOSE LICK, MICA PRESENT, A BRIGHT GOLD COLOR
NA14854	-2	3	20	0.09	-10	-10	45	-10	78	BN	QU	0.5	M	5	C	M	L	G	COL	N		H	
NA14855	-2	4	33	0.15	-10	-10	75	-10	52	BN	QU	0.5	M	5	B	M	M	G	COL	N		M	
NA14856	-2	4	38	0.14	-10	-10	81	-10	47	BN	QU	0.3	M	5	B	M	L	G	COL	N		H	
NA14857	-2	4	20	0.16	-10	-10	80	-10	51	BN	QL	0.6	M	5	C	M	L	G	COL	N		H	
NA14858	3	7	85	0.24	-10	-10	116	-10	303	BN	QL	0.7	M	5	C	L	L	G	COL	N		H	
NA14859	2	5	40	0.2	-10	-10	80	-10	53	BN	QL	0.65	M	5	C	L	L	G	COL	N		H	
NA14860	-2	3	16	0.09	-10	-10	65	-10	56	BN	QL	0.6	M	5	C	L	L	G	COL	N		H	
NA14861	2	32	42	0.31	-10	-10	148	-10	88	BN	QL	0.65	M	9	C	L	L	G	COL	N		H	
NA14862	2	7	33	0.12	-10	-10	66	-10	53	BN	QL	0.75	M	5	C	L	L	G	COL	N		H	
NA14863	-2	11	36	0.11	-10	-10	102	-10	56	BN	QL	0.6	M	5	C	L	L	G	COL	N		L	
NA14864	-2	8	15	0.24	-10	-10	61	-10	116	BN	QU	0.3	M	5	B	L	L	G	COL	N		H	
NA14865	-2	6	34	0.19	-10	-10	80	-10	94	BK	QL	0.4	M	5	B	M	L	G	COL	N		H	
NA14866	-2	4	23	0.15	-10	-10	78	-10	55	BN	QU	0.45	M	5	B	L	L	F	COL	N		H	
NA14867	3	9	34	0.34	-10	-10	119	-10	71	BN	QU	0.45	M	5	B	L	L	G	COL	N		H	
NA14868	-2	5	27	0.15	-10	-10	82	-10	53	BN	QD	0.4	M	5	B	M	L	G	COL	N		H	
NA14869	-2	6	50	0.26	-10	-10	117	-10	78	BN	QU	0.5	M	5	B	L	L	G	COL	N		H	
NA14870	-2	9	28	0.17	-10	-10	136	-10	163	BN	QU	0.75	M	5	C	L	M	G	COL	S		H	
NA14871	3	13	154	0.19	-10	-10	142	-10	80	BN	QD	0.8	M	5	C	L	L	G	COL	N		H	
NA14872	-2	6	38	0.22	-10	-10	108	-10	80	BN	QU	0.45	M	5	C	L	L	G	COL	N	SCH	H	MICA PRESENT
NA14873	-2	5	16	0.12	-10	-10	72	-10	46	BN	QL	0.4	M		C	L	L	G	COL	N		H	
NA14874	-2	5	21	0.12	-10	-10	67	-10	49	BN	QD	0.6	M		C	L	L	G	COL	N		H	
NA14875	-2	9	24	0.15	-10	-10	83	-10	58	BN	QL	0.65	M		C	L	L	G	COL	N		H	
NA14876	-2	7	23	0.13	-10	-10	66	-10	49	BN	QL	0.65	M		C	L	L	G	COL	N		H	
NA14877	-2	7	22	0.14	-10	-10	65	-10	54	BN	QL	0.65	M		C	L	L	G	COL	N		H	
NA14878	-2	7	29	0.13	-10	-10	49	-10	30	BN	QL	0.5	M		C	L	L	G	COL	N		H	
NA14879	-2	9	20	0.17	-10	-10	94	-10	59	BN	QL	0.5	M		C	L	L	G	COL	N		H	
NA14880	-2	6	18	0.17	-10	-10	90	-10	62	BN	QL	0.55	M		C	L	L	G	COL	N		H	
NA14881	-2	5	20	0.11	-10	-10	69	-10	48	BN	QD	0.5	M		C	L	L	M	COL	N		H	<200- 300M
NA14882	-2	4	18	0.12	-10	-10	68	-10	51	BN	QL	0.4	M		C	L	L	M	COL	N		H	
NA14883	-2	4	15	0.1	-10	-10	64	-10	39	BN	QU	0.4	M		C	L	L	M	COL	N		H	HELI PAD 25M @ 212 DEGREES T
NA14884	-2	8	18	0.2	-10	-10	107	-10	54	BN	QU	0.7	M		C	L	L	M	COL	N		H	
NA14885	-2	6	17	0.1	-10	-10	64	-10	55	GY	QU	0.8	M	40	B	H	H	G	COL	S		L	
NA14886	-2	6	21	0.12	-10	-10	69	-10	54	BN	QL	0.75	M	2	C	M	M	G	COL	S		H	GOOD SL AT FROST
NA14887	-2	4	19	0.08	-10	-10	45	-10	35	BK	QU	1	M	40	B	H	M	G	COL	S		M	
NA14888	-2	11	41	0.11	-10	-10	84	-10	43	BN	QL	0.8	M	20	C	M	L	G	COL	S	SCH	H	GOOD SL W/MICA BEFORE FST
NA14889	-2	8	45	0.09	-10	-10	52	-10	34	GY	QU	0.55	M	40	C	M	M	M	COL	S		H	SMALL POCKET OF BN SL
NA14890	-2	8	28	0.1	-10	-10	79	-10	37	BK	QU	0.65	M	50	C	M	M	G	COL	S		M	
NA14891	-2	13	27	0.14	-10	-10	124	-10	57	OR	QU	0.5	M	10	C	L	M	G	COL	S		H	
NA14892	-2	6	19	0.11	-10	-10	68	-10	51	OR	QU	0.4	M		C	L	L	G	BDR	N		H	
NA14893	-2	24	159	0.11	-10	-10	146	-10	51	OR	QL	1.25	M		C	L	L	F	BDR	N		H	HELI PAD
NA14894	-2	7	18	0.05	-10	-10	61	-10	29	OR	QL	0.75	M		C	L	L	G	BDR	N		H	
NA14895	-2	11	20	0.13	-10	-10	126	-10	33	OR	QU	0.75	M		C	L	L	G	COL	N		H	
NA14897	-2	7	10	0.19	-10	-10	144	-10	83	BN	QU	0.4	M	5	C	M	L	G	COL	N		H	
NA14898	-2	5	13	0.11	-10	-10	97	-10	58	BN	QU	0.4	M	10	C	M	L	G	COL	N		H	
NA14899	-2	4	31	0.08	-10	-10	44	-10	35	BK	QU	0.5	M	30	B	M	M	G	COL	S		M	
NA14900	-2	12	12	0.23	-10	-10	54	-10	120	OR	QL	0.6	M		C	L	L	G	BDR	N		H	
NA14901	-2	8	25	0.12	-10	-10	27	-10	74	OR	QL	0.5	M		C	L	L	F	BDR	N	SCH	H	QTZ+QTZ MICA SCH
NA14902	-2	22	12	0.13	-10	-10	28	-10	116	OR	QB	0.5	M		C	L	L	F	BDR	N		H	
NA14903	-2	6	13	0.11	-10	-10	96	-10	42	BN	QD	0.4	M	10	B	L	L	M	BDR	N	AMP	M	
NA14904	-2	3	23	0.06	-10	-10	46	-10	48	OR	QL	0.5	M	5	C	L	L	G	BDR	N	SCH	M	QTZ MICA SCH
NA14905	-2	4	15	0.21	-10	-10	56	-10	76	BN	QD	0.45	M		C	L	L	F	BDR	N		M	
NA14906	-2	11	45	0.16	-10	-10	129	-10	129	GY	QD	0.55	M		C	L	L	F	BDR	N	SCH	H	BIOT-MICA SCH

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA14907	583400	7013881	STEWART	RYAN	20030722	1	-0.2	1.5	-2	-10	440	-0.5	-2	0.59	-0.5	14	93	47	2.34	-10	1	0.28	10	0.99	310	-1	0.03	46	660	2	0.01
NA14908	583547	7014005	STEWART	RYAN	20030722	4	-0.2	1.82	-2	-10	540	0.8	-2	0.35	-0.5	18	42	66	3.97	10	-1	0.36	50	0.77	268	2	0.01	46	870	4	0.01
NA14909	583672	7014153	STEWART	RYAN	20030722	2	-0.2	3.21	-2	-10	930	-0.5	-2	0.93	-0.5	27	29	29	6.78	10	-1	1.05	10	2.12	651	-1	0.05	9	1230	-2	0.01
NA14910	583831	7014277	STEWART	RYAN	20030722	-1	-0.2	2.15	-2	-10	470	-0.5	-2	0.52	-0.5	14	23	17	3.78	10	1	0.52	10	1.41	551	-1	0.03	17	620	2	-0
NA14911	583992	7014393	STEWART	RYAN	20030722	24	-0.2	2.42	-2	-10	290	-0.5	-2	0.36	-0.5	16	13	117	4.4	10	1	0.28	10	0.75	478	-1	0.01	9	360	6	0.03
NA14912	584193	7014388	STEWART	RYAN	20030722	4	-0.2	3.32	-2	-10	650	0.7	-2	1.18	-0.5	12	13	35	4.78	10	1	0.49	20	2.16	651	-1	0.02	6	2940	-2	0.01
NA14913	584398	7014404	STEWART	RYAN	20030722	6	-0.2	3.74	-2	-10	1200	-0.5	-2	0.64	-0.5	19	20	147	5.99	10	1	1.31	10	2.41	474	-1	0.02	15	710	-2	0.01
NA14914	584602	7014392	STEWART	RYAN	20030722	1	-0.2	2.95	-2	-10	190	-0.5	-2	1.66	-0.5	16	20	39	3.32	10	1	0.2	-10	1.43	548	-1	0.07	12	480	-2	-0
NA14915	584807	7014407	STEWART	RYAN	20030722	1	-0.2	2.07	4	-10	310	-0.5	-2	2.83	-0.5	24	18	56	4.42	10	-1	0.63	10	1.23	1260	-1	0.01	13	530	-2	-0
NA14916	584981	7014512	STEWART	RYAN	20030722	3	-0.2	1.78	9	-10	380	0.5	-2	0.71	-0.5	19	26	44	4.48	10	1	0.27	10	0.8	640	1	0.02	26	730	4	0.01
NA14941	592435	6999658	STEWART	RYAN	20030723	3	-0.2	2.28	9	-10	410	-0.5	-2	0.44	-0.5	15	33	37	3.84	10	-1	0.35	10	1.29	390	1	0.02	17	710	5	0.01
NA14942	592496	6999734	STEWART	RYAN	20030723	2	-0.2	1.77	8	-10	310	-0.5	2	0.36	-0.5	14	18	47	3.77	10	-1	0.1	10	0.9	413	1	0.02	13	450	7	0.01
NA14943	592326	6999838	STEWART	RYAN	20030723	1	-0.2	1.86	8	-10	590	-0.5	-2	0.42	-0.5	18	21	47	3.79	10	-1	0.18	10	0.9	464	1	0.02	13	620	7	0.01
NA14944	592278	6999754	STEWART	RYAN	20030723	1	-0.2	2.15	11	10	570	-0.5	-2	0.33	-0.5	18	30	75	4.98	10	-1	0.59	10	1.13	675	1	0.01	18	850	8	0.01
NA14945	592221	6999667	STEWART	RYAN	20030723	-1	-0.2	2.24	11	-10	770	-0.5	-2	0.45	-0.5	16	32	32	3.57	10	-1	0.61	10	1.36	655	-1	0.01	19	560	3	0.01
NA14946	592169	6999573	STEWART	RYAN	20030723	2	-0.2	2.56	5	-10	740	-0.5	-2	0.45	-0.5	20	33	73	4.68	10	-1	0.23	20	1.38	891	-1	0.01	20	750	6	-0
NA14947	592115	6999494	STEWART	RYAN	20030723	2	-0.2	3.34	9	-10	550	0.5	-2	0.38	-0.5	25	23	37	6.26	10	-1	0.87	10	1.67	662	-1	0.02	11	630	5	0.01
NA14948	591941	6999591	STEWART	RYAN	20030723	1	-0.2	3.54	10	-10	610	-0.5	-2	0.25	-0.5	23	21	109	6.14	10	-1	0.83	20	1.7	662	1	0.02	15	790	6	0.01
NA14949	591996	6999678	STEWART	RYAN	20030723	2	-0.2	2.27	4	-10	370	0.5	-2	0.38	-0.5	11	14	36	6.86	10	-1	0.6	30	1.03	463	1	0.04	13	1100	2	0.54
NA14960	590684	7000204	STEWART	LINLEY	20030723	-1	-0.2	3.55	12	-10	710	-0.5	-2	0.3	-0.5	24	24	162	4.99	10	-1	1.04	10	1.72	1005	-1	0.03	12	630	9	0.02
NA14961	590735	7000294	STEWART	LINLEY	20030723	1	-0.2	2.54	8	-10	1110	0.5	-2	0.59	-0.5	23	16	69	5.13	10	-1	0.18	20	1.26	758	-1	0.04	11	730	3	-0
NA14962	590784	7000380	STEWART	LINLEY	20030723	2	-0.2	3.56	8	-10	570	0.5	-2	0.34	-0.5	25	78	26	5.65	10	-1	0.72	20	2.05	898	-1	0.03	27	360	5	0.01
NA14963	590834	7000467	STEWART	LINLEY	20030723	4	-0.2	2.41	9	-10	570	-0.5	-2	0.37	-0.5	15	36	49	3.7	10	-1	0.18	20	0.89	519	1	0.02	25	560	11	0.01
NA14964	590884	7000555	STEWART	LINLEY	20030723	9	-0.2	1.94	10	-10	480	-0.5	-2	0.45	-0.5	12	28	34	2.98	10	-1	0.18	10	0.8	346	-1	0.02	16	630	11	0.02
NA14965	590933	7000640	STEWART	LINLEY	20030723	6	-0.2	1.92	11	-10	300	-0.5	-2	0.37	-0.5	12	29	27	3.08	10	-1	0.12	10	0.77	358	1	0.02	16	660	10	0.01
NA14966	591102	7000537	STEWART	LINLEY	20030723	7	-0.2	1.66	7	-10	290	-0.5	-2	0.29	-0.5	7	26	33	2.69	10	-1	0.18	10	0.71	240	-1	0.01	13	670	13	0.03
NA14967	591055	7000457	STEWART	LINLEY	20030723	3	-0.2	1.96	8	-10	330	-0.5	-2	0.32	-0.5	12	28	31	3.47	10	-1	0.29	20	0.9	520	-1	0.02	16	640	10	0.01
NA14968	591007	7000371	STEWART	LINLEY	20030723	2	-0.2	2.91	12	-10	480	-0.5	-2	0.23	-0.5	15	30	47	4.37	10	-1	0.51	10	1.2	769	-1	0.01	16	470	9	0.01
NA14969	590955	7000284	STEWART	LINLEY	20030723	1	-0.2	1.96	9	-10	750	-0.5	-2	0.43	0.5	13	21	87	4.14	10	-1	0.38	20	0.97	1350	1	0.01	12	750	7	0.01
NA14970	590906	7000196	STEWART	LINLEY	20030723	2	-0.2	1.42	9	10	540	0.5	-2	0.41	-0.5	14	14	67	4.75	10	-1	0.38	10	0.53	759	1	0.01	8	520	7	0.01
NA14971	590852	7000109	STEWART	LINLEY	20030723	1	0.2	2.26	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									.12	670	-1	0.01	12	330	7	0.01
																								.43	337	2	0.02	73	1620	9	0.07
																								.65	333	1	0.02	22	570	8	0.04
																								.79	295	-1	0.01	23	530	5	0.01
																								.67	517	-1	0.02	25	650	6	0.04
																								.66	194	-1	0.02	8	530	3	0.02
																								.65	207	-1	0.01	13	270	5	0.02
																								.59	339	-1	0.01	14	420	7	0.01
																								.49	321	1	0.01	21	270	6	0.01
																								.33	208	-1	0.01	17	280	11	0.01
																								.55	242	-1	0.01	22	250	8	0.01
																								.22	113	1	0.01	13	440	8	0.04
																								.66	246	1	0.01	26	460	8	0.01
																								.55	290	2	0.01	17	500	11	0.02
																								1.2	302	-1	0.01	20	420	5	0.01
																								.56	278	1	0.02	20	470	-2	0.02
																								.55	586	-1	0.01	13	750	5	0.01
																								61	279	-1	0.01	18	330	5	0.01
																								08	297	-1	0.02	29	660	2	0.02
																								64	415	-1	0.02	15	610	7	0.04
																								67	530	1	0.01	22	660	9	0.02
																								44	464	-1	0.02	20	820	10	0.06
																								58	370	-1	0.02	23	500	7	0.02
																								.8	281	-1	0.02	19	550	5	0.03
																								12	238	1	0.02	8	340	4	0.02
																								15	119	1	0.01	7	230	4	0.01
																								56	372	-1	0.01	30	590	3	0.02
																								67	263	-1	0.01	32	590	7	0.01
																								74	352	-1	0.02	24	700	4	0.01
																								52	318	-1	0.02	21	810	7	0.02
																								52	432	1	0.02	31	550	11	0.02
																								57	220	-1	0.01	19	470	7	0.01
																								31	305	-1	0.02	26	420	4	0.01
																								57	341	-1	0.01	17	680	5	0.01
																								51	337	-1	0.02	19	790	5	0.01
																								48	442	-1	0.01	17	580	7	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA14907	-2	7	20	0.13	-10	-10	65	-10	37	GN	QD	0.6	M		C	L	L	G	BDR	N	AMP	H	AMP?
NA14908	-2	7	23	0.12	-10	-10	78	-10	123	BN	QD	0.6	M		C	L	L	G	BDR	N	SCH	H	QTZ MUSC SCH?
NA14909	-2	23	15	0.3	-10	-10	200	-10	110	BN	QD	0.65	M		C	L	L	F	BDR	N		H	
NA14910	-2	14	27	0.15	-10	-10	103	-10	49	BN	QD	0.6	M		C	L	L	F	BDR	N		H	
NA14911	-2	16	30	0.06	-10	-10	97	-10	94	OR	QL	0.7	M		C	L	L	G	BDR	N		H	
NA14912	-2	9	37	0.32	-10	-10	85	-10	111	BN	QD	0.85	M		C	L	L	F	BDR	N		H	
NA14913	-2	6	67	0.36	-10	-10	187	-10	62	OR	QD	0.6	M		C	L	L	G	BDR	N	SCH	H	QTZ-BIOT SCH
NA14914	-2	10	77	0.16	-10	-10	79	-10	51	GN	QD	0.65	M		C	L	L	G	BDR	N	AMP	H	AMP?
NA14915	-2	29	35	0.05	-10	-10	107	-10	71	PP		1	M		C	L	L	F	BDR	S		H	TOUCH OF YELLOW
NA14916	-2	12	36	0.08	-10	-10	91	-10	69	OR	QD	0.7	M		C	L	L	F	BDR	N		H	
NA14941	-2	6	22	0.24	-10	-10	112	-10	58	OR	QL	0.55	M		C	L	L	M	COL	N		M	
NA14942	-2	8	17	0.12	-10	-10	116	-10	49	BN	QL	0.55	M		C	L	L	M	COL	N		M	
NA14943	2	8	23	0.15	-10	-10	110	-10	67	BN	QD	0.6	M		C	L	L	M	COL	N		M	
NA14944	-2	12	18	0.19	-10	-10	126	-10	91	BN	QL	0.55	M	5	C	L	L	M	COL	N		M	
NA14945	-2	5	24	0.23	-10	-10	94	-10	73	BN	QL	0.7	M		C	L	L	M	COL	S		H	
NA14946	-2	11	27	0.15	-10	-10	106	-10	86	OR	QL	0.7	M		C	L	L	M	COL	N		H	
NA14947	-2	20	21	0.26	-10	-10	239	-10	127	BN	QL	0.5	M		C	L	L	G	COL	N		H	
NA14948	-2	17	14	0.22	-10	-10	128	-10	234	BN	QL	0.55	M		C	L	L	F	BDR	N		M	
NA14949	-2	16	53	0.09	-10	-10	76	-10	70	OR	QL	0.8	M		C	L	L	F	BDR	N		H	
NA14960	-2	8	15	0.33	-10	-10	145	-10	140	OR	QD	0.35	M		C	L	L	M	BDR	N		H	
NA14961	-2	19	31	0.12	-10	-10	120	-10	86	OR	QD	0.32	M		C	L	L	G	BDR	N		H	
NA14962	-2	15	20	0.31	-10	-10	156	-10	85	OR	QD	0.25	M		C	L	L	G	BDR	N		H	
NA14963	-2	6	26	0.19	-10	-10	93	-10	79	BN	QD	0.2	M		C	M	M	M	BDR	N		M	
NA14964	-2	6	28	0.18	-10	-10	79	-10	84	BN	QD	0.2	M		C	M	H	M	COL	P		H	
NA14965	-2	5	24	0.17	-10	-10	77	-10	79	BN	QD	0.3	M		C	M	H	S	COL	P		H	
NA14966	-2	5	18	0.13	-10	-10	70	-10	70	BN	QD	0.2	M	1	C	M	H	S	COL	P		M	
NA14967	-2	7	17	0.17	-10	-10	80	-10	85	BN	QE	0.35	M		C	L	L	S	COL	N		H	
NA14968	-2	8	17	0.22	-10	-10	111	-10	114	OR	QD	0.25	M		C	L	L	M	BDR	N		H	
NA14969	-2	15	14	0.09	-10	-10	68	-10	184	OR	QD	0.65	M		C	L	L	G	BDR	N		H	
NA14970	-2	19	12	0.04	-10	-10	83	-10	129	OR	QE	0.6	M		C	L	L	G	BDR	N		H	
NA14971	-2	13	20	0.19	-10	-10	104	-10	78	OR	QD	0.5	M		C	L	L	M	BDR	N		H	
NA15088	-2	4	30	0.17	-10	-10	74	-10	76	BN	QD	0.5	M	10	C	M	M	G	BDR	N		H	
NA15089	-2	4	23	0.11	-10	-10	66	-10	58	BN	QD	0.6	M	15	C	M	M	G	BDR	N		H	
NA15090	-2	5	21	0.13	-10	-10	66	-10	57	BN	QD	0.6	M	10	C	M	M	G	COL	S			
NA15091	-2	4	20	0.1	-10	-10	61	-10	57	BN	QD	0.6	M	10	C	M	M	G	COL	S		H	
NA15092	-2	1	15	0.11	-10	-10	65	-10	36	GY	QU	0.5	M	10	C	M	M	G	BDR	S		H	
NA15093	-2	2	11	0.14	-10	-10	82	-10	42	BN	QL	0.3	M	10	C	L	L	F	BDR	N		H	
NA15094	-2	3	12	0.1	-10	-10	60	-10	45	BN	QL	0.6	M	5	C	L	L	F	BDR	N		H	
NA15095	-2	4	14	0.1	-10	-10	59	-10	47	BN	QL	0.6	M	5	C	L	L	G	BDR	N		H	
NA15096	-2	2	13	0.07	-10	-10	50	-10	46	BN	QL	0.5	M	5	C	L	L	G	BDR	N		H	
NA15097	-2	4	15	0.11	-10	-10	64	-10	48	BN	QL	0.45	M	5	C	L	L	G	COL	N		H	
NA15098	-2	1	20	0.05	-10	-10	32	-10	25	GY	QU	0.4	M	5	B	M	M	G	COL	S		L	POOR SAMPLE
NA15099	-2	2	16	0.13	-10	-10	61	-10	47	BN	QL	0.5	M	10	C	L	L	G	COL	N		H	
NA15100	-2	3	21	0.09	-10	-10	52	-10	54	BN	QL	0.3	M	5	C	L	L	G	COL	N		H	ROCKY
NA15101	-2	4	16	0.18	-10	-10	93	-10	60	BN	QL	0.5	M	5	C	L	L	G	COL	N		H	
NA15102	-2	3	17	0.1	-10	-10	69	-10	49	BN	QL	0.5	M	1	C	L	L	G	COL	N		H	
NA15103	-2	4	20	0.17	-10	-10	51	-10	60	BN	QU	0.3	M	5	C	L	L	G	COL	N		H	
NA15104	-2	3	16	0.11	-10	-10	66	-10	44	BN	QU	0.3	M	5	C	L	L	G	COL	N		M	
NA15105	-2	4	26	0.15	-10	-10	79	-10	58	BN	QU	0.45	M	5	C	L	L	G	COL	N		H	
NA15106	-2	4	25	0.09	-10	-10	60	-10	46	GY	QD	0.65	M	5	C	M	M	G	COL	N		H	
NA15107	-2	4	22	0.1	-10	-10	60	-10	53	BN	QU	0.65	M	5	C	L	L	M	COL	N			
NA15108	2	4	31	0.07	-10	-10	36	-10	42	BN	QU	0.7	M	9	C	L	L	M	COL	N		H	
NA15200	-2	4	15	0.1	-10	-10	62	-10	49	BN	QL	0.25	M	40	B	L	L	G	COL	N	AMP	L	POOR SOIL, VERY ROCKY GROUND
NA15201	-2	3	18	0.12	-10	-10	88	-10	54	BN	QD	0.3	M	25	B	M	M	M	COL	P		L	
NA15202	-2	1	8	0.07	-10	-10	41	-10	23	BN	QL	0.4	M	10	B	L	L	S	COL	N	AMP	L	ROCKY GROUND, NO REAL SOIL PROFILE
NA15203	-2	1	8	0.09	-10	-10	56	-10	21	BN	QL	0.35	M	40	B	L	L	S	COL	N	AMP	L	POOR SOIL PROFILE, ROCKY GROUND
NA15204	-2	3	17	0.1	-10	-10	61	-10	47	BN	QL	0.35	M	20	B	L	L	S	COL	N	AMP	M	HARD TO GET GOOD SOIL
NA15205	-2	4	20	0.12	-10	-10	61	-10	56	BN	QL	0.2	M	5	B	M	L	G	COL	N	AMP	M	
NA15206	-2	4	23	0.13	-10	-10	75	-10	61	BN	QD	0.6	M		C	L	L	G	COL	N		H	FIRST GOOD SOIL
NA15207	-2	5	24	0.13	-10	-10	56	-10	60	BN	QD	0.4	M	10	B	L	L	G	COL	P		L	
NA15208	-2	5	23	0.23	-10	-10	124	-10	108	BN	QL	0.6	M	5	C	M	M	G	COL	P		M	
NA15209	-2	3	17	0.12	-10	-10	75	-10	49	BN	QL	0.4	M	10	B	M	M	F	BDR	P		M	
NA15210	-2	4	21	0.15	-10	-10	86	-10	54	OR	QL	0.35	M		C	L	L	G	COL	N	AMP	H	
NA15211	-2	4	19	0.15	-10	-10	55	-10	57	BN	QL	0.4	M		C	L	L	G	COL	N	AMP	M	ROCKY GROUND
NA15212	-2	5	24	0.13	-10	-10	53	-10	61	OR	QL	0.4	M		C	L	L	G	COL	N	AMP	H	
NA15213	-2	4	16	0.16	-10	-10	73	-10	70	OR	QL	0.35	M		B	L	L	F	BDR	N	AMP	L	POOR SOIL PROFILE, LOTS OF AMP ROCKS

STEWART-THISTLE 2003 SOILS

[illegible]	[illegible]	UTM	PROPERT	SAMPLER	SAMPLE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	-0.2	1.81	2	-10	270	-0.5	-2	0.43	-0.5	10	32	52	2.66	10	-1	0.09	10	0.64	247	-1	0.02	20	880	6	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	-0.2	1.7	8	-10	410	-0.5	-2	0.39	-0.5	24	108	131	3.5	10	-1	0.26	10	0.98	275	-1	0.01	84	930	4	0.07
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	-0.2	2.25	7	-10	340	-0.5	-2	0.33	-0.5	16	68	131	3.42	10	-1	0.28	10	1.08	322	-1	0.02	46	700	5	0.05
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	-0.2	1.92	5	-10	380	-0.5	2	0.42	-0.5	26	248	136	3.18	-10	-1	0.41	10	2.07	226	1	0.01	210	770	3	0.03
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	0.2	2.08	11	-10	190	-0.5	-2	0.28	-0.5	10	35	72	2.98	10	-1	0.06	10	0.66	357	-1	0.02	25	480	4	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	-0.2	1.92	8	-10	190	-0.5	-2	0.29	-0.5	12	67	123	3.55	10	-1	0.18	10	1	347	1	0.02	24	460	4	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	-0.2	2.32	8	-10	250	-0.5	-2	0.29	-0.5	8	32	29	3.94	10	-1	0.23	10	0.72	378	-1	0.01	18	540	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	2	5	-10	280	0.5	-2	0.4	-0.5	9	24	33	3.94	10	-1	0.34	10	0.68	546	-1	0.01	14	940	4	0.01
NA15300	590617	7007805	STEWART	LINLEY	20030724	7	0.2	2.47	7	-10	410	-0.5	-2	0.48	-0.5	14	28	117	4.15	10	-1	0.78	10	1.41	496	-1	0.02	24	640	5	0.01
NA15301	590669	7007895	STEWART	LINLEY	20030724	1	-0.2	2.15	5	-10	370	-0.5	2	0.33	-0.5	13	29	60	3.83	-10	-1	0.56	10	1.04	507	-1	0.02	18	280	19	0.01
NA15302	590720	7007981	STEWART	LINLEY	20030724	1	-0.2	2.22	8	-10	390	-0.5	2	0.41	-0.5	13	32	38	3.47	10	-1	0.32	10	0.95	492	-1	0.01	19	370	7	0.01
NA15303	590768	7008069	STEWART	LINLEY	20030724	2	-0.2	3.53	7	-10	400	-0.5	2	0.44	-0.5	19	35	81	4.86	10	-1	0.7	-10	2.01	548	-1	0.03	17	540	3	0.01
NA15304	590819	7008156	STEWART	LINLEY	20030724	-1	-0.2	1.56	5	-10	120	-0.5	2	0.2	-0.5	7	18	28	2.59	10	-1	0.09	10	0.63	269	2	0.02	7	390	6	0.01
NA15305	590871	7008242	STEWART	LINLEY	20030724	2	-0.2	2.23	6	-10	260	-0.5	2	0.49	-0.5	12	26	43	3.22	10	-1	0.27	10	0.99	360	-1	0.02	13	460	5	0.01
NA15306	590690	7008339	STEWART	LINLEY	20030724	3	-0.2	1.64	8	-10	370	-0.5	-2	0.64	-0.5	10	29	38	2.69	-10	-1	0.08	10	0.65	414	-1	0.03	22	680	6	0.01
NA15307	590644	7008259	STEWART	LINLEY	20030724	2	0.2	1.69	7	-10	360	-0.5	-2	0.59	-0.5	10	28	35	2.82	-10	-1	0.11	10	0.7	439	-1	0.03	19	660	9	0.01
NA15308	590595	7008170	STEWART	LINLEY	20030724	4	0.2	1.9	6	-10	370	-0.5	-2	0.48	-0.5	12	29	43	3.26	10	-1	0.31	20	0.88	400	-1	0.03	19	670	11	0.02
NA15309	590544	7008084	STEWART	LINLEY	20030724	1	-0.2	3.21	-2	-10	770	-0.5	-2	0.51	-0.5	18	20	75	5.77	10	-1	1.85	10	2.08	792	-1	0.02	11	1120	22	0.09
NA15310	590490	7007999	STEWART	LINLEY	20030724	2	0.3	2.44	4	-10	390	-0.5	-2	0.48	-0.5	15	26	85	4.1	10	-1	0.65	10	1.22	469	-1	0.03	13	710	5	0.01
NA15311	590446	7007912	STEWART	LINLEY	20030724	2	-0.2	2.71	7	-10	500	-0.5	-2	0.55	-0.5	14	26	75	4.2	10	-1	0.62	10	1.46	561	-1	0.04	17	820	5	0.01
NA15312	590397	7007825	STEWART	LINLEY	20030724	3	-0.2	2.32	4	-10	510	-0.5	-2	0.62	-0.5	14	15	41	4.14	10	-1	0.81	10	1.32	523	-1	0.01	18	1520	4	0.01
NA15313	590345	7007739	STEWART	LINLEY	20030724	-1	0.4	2.7	6	-10	480	-0.5	-2	0.32	-0.5	12	29	86	4.52	10	-1	0.71	40	1.14	432	1	0.02	20	1240	4	0.01
NA15314	590296	7007649	STEWART	LINLEY	20030724	-1	0.4	4.22	-2	-10	550	-0.5	-2	1.58	-0.5	12	46	92	5.62	10	-1	0.28	10	1.58	497	-1	0.02	15	1320	5	-0
NA15315	590465	7007546	STEWART	LINLEY	20030724	1	-0.2	1.98	6	-10	300	-0.5	-2	0.2	-0.5	10	32	109	3.53	10	-1	0.64	10	0.98	334	4	0.02	19	220	4	0.01
NA15316	590516	7007626	STEWART	LINLEY	20030724	3	-0.2	1.82	3	-10	530	-0.5	-2	0.49	-0.5	18	24	157	3.85	-10	-1	0.65	20	1.06	354	4	0.03	17	1090	-2	0.02
NA15317	590549	7007737	STEWART	LINLEY	20030724	2	0.2	2.69	2	-10	900	-0.5	-2	0.26	-0.5	14	46	136	7.06	10	-1	1.25	20	1.41	535	8	0.03	15	770	5	0.35
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	-0.2	1.46	35	-10	190	0.8	2	0.37	-0.5	8	31	43	2.62	10	-1	0.24	30	0.51	274	-1	0.01	33	240	10	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	1.9	30	-10	1360	0.5	-2	0.8	-0.5	16	87	78	3.63	-10	-1	0.69	30	1.11	758	1	0.02	54	2750	4	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10	3.3	1.36	1995	10	480	1	2	1.44	1.8	22	55	118	5.49	-10	-1	0.28	40	0.7	1005	6	0.01	102	1840	20	0.11
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	0.9	1.26	369	-10	780	0.7	2	0.63	0.6	14	41	58	4.04	-10	-1	0.17	30	0.58	506	2	0.02	61	1200	13	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	0.4	1.18	27	-10	760	0.5	-2	1.73	0.9	9	32	48	2.39	-10	-1	0.09	10	0.43	483	1	0.02	42	1080	5	0.08
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	0.4	1.88	45	-10	600	0.5	-2	0.48	-0.5	11	44	70	3.09	10	-1	0.1	20	0.62	391	2	0.03	42	550	9	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	0.4	1.9	39	-10	410	-0.5	2	0.37	-0.5	9	40	38	3.05	10	-1	0.12	10	0.61	331	2	0.02	32	530	8	0.03
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	0.3	1.57	33	-10	440	-0.5	-2	0.34	-0.5	9	39	34	2.82	-10	-1	0.11	10	0.58	259	1	0.02	30	340	6	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	0.5	1.37	68	-10	280	-0.5	2	0.26	-0.5	9	34	28	2.77	-10	-1	0.09	10	0.5	290	1	0.01	28	320	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	0.2	1.5	21	-10	330	0.9	-2	0.6	0.6	19	68	79	4.92	-10	-1	0.33	40	0.71	610	5	0.01	92	1920	12	0.06
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	1.82	6	-10	190	-0.5	-2	0.29	-0.5	11	42	32	3.05	-10	-1	0.08	40	0.68	272	1	0.02	29	210	3	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	0.4	1.75	17	-10	320	-0.5	-2	0.32	-0.5	10	39	30	3.05	10	-1	0.14	20	0.62	305	1	0.02	29	550	5	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	0.7	1.52	110	-10	330	-0.5	-2	0.27	0.5	9	35	45	2.67	-10	-1	0.12	20	0.49	326	2	0.02	34	660	6	0.07
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	0.4	1.36	79	-10	250	-0.5	-2	0.23	-0.5	6	30	23	2.4	10	-1	0.09	10	0.45	215	3	0.02	17	550	8	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0.4	1.46	29	-10	330	-0.5	-2	0.29	0.5	8	35	30	2.85	10	-1	0.11	10	0.51	275	3	0.02	27	790	5	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0.5	0.76	7	-10	220	-0.5	-2	0.18	0.5	3	20	18	1.6	-10	-1	0.09	10	0.23	326	2	0.02	15	560	3	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	0.4	1.5	9	-10	380	-0.5	-2	0.32	-0.5	14	45	40	3.07	10	-1	0.29	10	0.63	327	2	0.02	37	750	4	0.11
NA14802	587714	7011638	STEWART	LINLEY	20030722	3	0.2	2.97	2	-10	570	-0.5	-2	0.31	-0.5	19	26	166	5.67	10	-1	1.24	10	1.58	830	6	0.02	11	560	10	0.07
NA14803	587906	7011693	STEWART	LINLEY	20030722	-1	-0.2	2.47	5	-10	330	-0.5	-2	0.48	-0.5	16	82	34	3.58	10	-1	0.78	-10	1.62	498	-1	0.02	29	440	5	0.01
NA14804	588063	7011817	STEWART	LINLEY	20030722	2	-0.2	2.81	3	-10	400	0.5	-2	1.03	-0.5	13	25	50	3.75	10	-1	0.22	10	1.06	493	-1	0.05	16	570	6	-0
NA14805	588220	7011943	STEWART	LINLEY	20030722	1	-0.2	1.84	7	-10	240	0.5	-2	0.27	-0.5	10	35	25	2.97	-10	-1	0.11	10	0.58	300	-1	0.02	20	180	7	-0
NA14806	588360	7012084	STEWART	LINLEY	20030722	17	-0.2	1.42	9	-10	180	0.5	2	0.58	-0.5	10	48	31	3.24	-10	-1	0.11	20	0.71	419	1	0.02	36	1140	10	0.01
NA14807	588468	7012254	STEWART	LINLEY	20030722	7	0.2	2.63	5	-10	410	0.6	-2	0.42	-0.5	10	31	56	4.48	10	-1	0.65	20	0.87	317	-1	0.02	19	450	6	-0
NA14808	588620	7012381	STEWART	LINLEY	20030722	3	0.2	1.76	7	-10	360	-0.5	-2	0.73	-0.5	9	30	38	2.84	10	-1	0.07	20	0.67	399	-1	0.03	25	660	8	0.01
NA14809	586699	7009905	STEWART	LINLEY	20030722	2	0.2	1.74	4	-10	370	-0.5	-2	0.41	-0.5	10	30	76	2.54	-10	-1	0.1	10	0.8	247	-1	0.04	16	250	2	-0
NA14810	586756	7010100	STEWART	LINLEY	20030722	3	-0.2	2.5	12	-10	220	-0.5	-2	0.16	-0.5	12	23	122	5.01	10	-1	0.18	10	0.73	429	3	0.01	9	620	7	0.01
NA14811	586817	7010294	STEWART	LINLEY	20030722	3	-0.2	1.97	8	-10	220	-0.5	-2	0.18	-0.5	6	37	18	2.93	10	-1	0.05	20	0.5	227	1	0.02	15	170	8	-0
NA14812	586815	7010498	STEWART	LINLEY	20030722	1	-0.2	2.53	7	-10	200	0.5	-2	0.33	-0.5	21	22	13	3.81	10	-1	0.08	20	0.95	363	-1	0.01	12	530	6	-0
NA14813	586946	7010648	STEWART	LINLEY	20030722	2	-0.2	2.25	5	-10	300	0.5	-2	0.19	-0.5	6	20	24	3.9	10	-1	0.4	10	0.7	426	-1	0.01	14	180	6	-0
NA14814	586969	7010849	STEWART	LINLEY	20030722	2	-0.2	2.04	11	-10	260	-0.5	-2	0.3	-0.5	10	162	46	2.79	10	-1	0.07	10	0.86	299	-1	0.01	31	340	6	-0
NA14815	587070	7011021	STEWART	LINLEY	20030722	2	-0.2	2.44	6	-10	440	0.6	-2	0.46	-0.5	6	18	35	4.83	10	-1	0.43	20	0.63	425	-1	0.01	8	1180	12	0.01
NA14816	587178	7011192	STEWART	LINLEY	20030722	4	-0.2	1.51	8	-10	160	-0.5	-2	0.16	-0.5	5	26	12	2.43	10	1	0.04	10	0.33	160	-1	0.01	11	220	7	-0
NA14817	587360	7011683	STEWART	LINLEY	20030722	6	-0.2	2.83	5	-10	620	-0.5	-2	0.65	-0.5	13	56	55	4.09	10	-1	0.85	10	1.24	472	-1	0.03	24	1480	2	0.01
NA14818	587374	7011883	STEWART	LINLEY	20030722	3	-0.2	2.68	6	-10	660	-0.5	-2	0.47	-0.5	18	57	164	4.91	-10	-1	0.73	20	1.29	651	2	0.03	23	550	3	0.06
NA14819	587461	7012065	STEWART	LINLEY	20030722	3	-0.2	2.85	3	-10	470	-0.5	-2	0.55	-0.5	20	28	60	4.56	10	-1	1.18	10	1.61	706	1	0.03	15	810	-2	0.01
NA14820	587596	7012218	STEWART	LINLEY	20030722	4	0.2	1.68	6	-10	370	-0.5	-2	0.46	-0.5	9	32	41	2.68	-10	-1	0.07	20	0.66	342	-1	0.02	21	560	6	0.01
NA14821	587718	7012376	STEWART	LINLEY	20030722	3	-0.2	3.81	5	-10	350	-0.5	-2	1.52	-0.5	14	27	89	3.73	10	-1	0.31	10	1.26	621	-1	0.03	16	550	5	-0
NA14822	587790	7012564	STEWART	LINLEY	20030722	5	-0.2	1.96	5	-10	380	-0.5	-2	0.59	-0.5	12	24	37	3.41	-10	-1	0.46	10	1.02	481	-1	0.03	16	830	4	0.01
NA14823	587895	7012702	STEWART	LINLEY	20030722	9	-0.2	1.7	2	-10	360	0.8	2	0.49	-0.5	9	30	35	3.52	10	-1	0.21	20	0.42	442	-1	0.01	19	770	12	0.01
NA14972	591031	7000005	STEWART	LINLEY	20030723	-1	-0.2	3.09	10	-10	520	0.5	-2	0.58	-0.5	25	35	62	5.72	10	-1	0.75	10	1.73	754	-1	0.01	18	1200	3	0.01

667-2210

667-2210

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA15214	-2	4	25	0.12	-10	-10	57	-10	55	BN	QL	0.35	M	10	B	M	H	G	COL	P	AMP	L	POOR SOIL, ROCKY GROUND
NA15215	-2	3	17	0.15	-10	-10	66	-10	47	BN	QD	0.5	M	5	C	M	H	G	COL	P	AMP	M	GOOD SAMPLE, WAS ABLE TO DIG PAST AMP BOULDERS
NA15216	-2	5	21	0.17	-10	-10	90	-10	69	BN	QL	0.4	M	10	B	M	L	G	COL	P	AMP	M	ROCKY GROUND
NA15217	-2	3	18	0.17	-10	-10	76	-10	45	BN	QL	0.7	M		C	L	L	G	BDR	N	AMP	H	VERY GOOD SOIL, BEST TODAY
NA15218	-2	4	19	0.12	-10	-10	70	-10	52	BN	QL	0.5	M	5	C	L	L	F	BDR	N	AMP	H	ROCKY GROUND
NA15219	-2	4	15	0.2	-10	-10	101	-10	55	OR	QL	0.4	M		C	L	L	G	BDR	N	AMP	H	
NA15220	-2	4	19	0.19	-10	-10	69	-10	57	OR	QL	0.5	M		C	L	L	G	COL	N	AMP	H	AMPHIBOLITE, LOST SAMPLE?
NA15221	-2	5	22	0.19	-10	-10	55	-10	64	OR	QL	0.5	M		C	L	L	G	COL	N		H	
NA15300	-2	8	31	0.24	-10	-10	108	-10	82	BN	QE	0.65	M		C	L	L	S	COL	N		H	
NA15301	-2	6	31	0.22	-10	-10	97	-10	70	BN	QE	0.35	M		C	L	L	S	COL	N		M	
NA15302	-2	5	40	0.16	-10	-10	83	-10	54	BN	QE	0.25	M		C	L	L	S	BDR	N		M	
NA15303	-2	4	35	0.32	-10	-10	138	-10	56	BN	QD	0.4	M		C	L	L	M	BDR	N		H	
NA15304	2	2	19	0.16	-10	-10	77	-10	48	BN	QD	0.25	M		C	L	L	M	COL	N		H	
NA15305	2	4	32	0.21	-10	-10	87	-10	63	BN	QD	0.4	M		C	L	H	M	COL	S		H	
NA15306	-2	5	37	0.11	-10	-10	58	-10	59	BN	QD	0.5	M		C	H	H	M	COL	N		M	
NA15307	-2	5	35	0.14	-10	-10	64	-10	62	BN	QD	0.4	M		C	M	M	M	COL	N		M	
NA15308	-2	6	32	0.17	-10	-10	78	-10	72	BN	QD	0.45	M		C	M	H	S	COL	P		H	
NA15309	-2	13	49	0.34	-10	-10	162	-10	100	OR	QD	0.65	M		C	L	L	M	COL	N		H	
NA15310	-2	6	36	0.24	-10	-10	102	-10	70	OR	QD	0.55	M		C	L	L	G	BDR	N		H	
NA15311	-2	6	33	0.26	-10	-10	110	-10	91	RD	QD	0.5	M		C	L	L	G	BDR	N		H	
NA15312	-2	7	37	0.24	-10	-10	100	-10	73	BN	QE	0.45	M		C	L	L	M	BDR	N		H	
NA15313	-2	7	58	0.26	-10	-10	88	-10	96	BN	QE	0.3	M		C	L	L	G	BDR	N		H	
NA15314	-2	19	104	0.06	-10	-10	132	-10	88	BN	QE	0.6	M		C	L	L	G	BDR	N		H	
NA15315	-2	5	18	0.19	-10	-10	82	-10	58	OR	QE	0.35	M		C	L	L	S	COL	N		H	
NA15316	-2	8	28	0.2	-10	-10	103	-10	39	BN	QD	0.75	M		C	L	L	S	COL	N		H	
NA15317	-2	23	116	0.2	-10	-10	200	-10	97	OR	QD	0.4	M		C	L	L	S	COL	N		H	
NA15318	-2	8	24	0.09	-10	-10	50	-10	61	OR	QE	0.45	M		C	L	L	M	COL	N		H	
NA15319	-2	9	40	0.12	-10	-10	108	-10	106	OR	QD	0.65	M		C	L	L	M	COL	N		H	
NA15320	11	8	74	0.03	-10	-10	81	-10	207	BN	QD	0.65	M		C	L	L	M	COL	N		H	
NA15321	6	7	47	0.05	-10	-10	70	-10	139	BN	QD	0.55	M		C	L	L	S	ALV	N		H	
NA15322	3	4	78	0.05	-10	-10	49	-10	81	BN	QD	0.5	M	3	B	L	L	S	COL	N		L	
NA15323	2	6	36	0.12	-10	-10	70	-10	76	BN	QE	0.45	M	0.5	C	L	L	S	COL	N		H	
NA15324	-2	4	29	0.12	-10	-10	72	-10	81	BN	QL	0.2	M		C	L	L	S	COL	N		M	
NA15325	-2	4	27	0.11	-10	-10	67	-10	65	BN	QL	0.25	M		C	L	L	S	COL	N		H	
NA15326	2	3	27	0.09	-10	-10	58	-10	66	BN	QL	0.4	M		C	L	L	S	COL	N		M	
NA15327	2	9	48	0.07	-10	-10	90	-10	196	OR	QE	0.6	M		C	L	L	S	COL	N		H	
NA15328	-2	5	23	0.14	-10	-10	61	-10	51	OR	QE	0.2	M		C	L	L	S	COL	N		H	
NA15329	-2	4	24	0.12	-10	-10	65	-10	77	BN	QL	0.3	M		C	L	L	S	COL	N		H	
NA15330	-2	4	27	0.08	-10	-10	59	-10	87	BN	QE	0.25	M	1.5	C	L	L	S	COL	N		M	
NA15331	-2	2	23	0.09	-10	-10	63	-10	67	BN	QL	0.15	M	3	B	L	L	S	COL	N		L	
NA15332	-2	3	25	0.1	-10	-10	74	-10	83	BN	QL	0.1	M	1	B	L	L	S	COL	N		L	
NA15333	-2	1	17	0.08	-10	-10	45	-10	62	BN	QL	0.1	M	4	B	L	L	S	COL	N		L	
NA15334	2	3	31	0.13	-10	-10	79	-10	103	BN	QL	0.25	M	2	C	L	L	S	COL	N		M	
NA14802	5	10	35	0.23	-10	-10	146	-10	91	OR	QD	0.5	M		C	L	L	M	BDR	N		H	
NA14803	4	4	31	0.23	-10	-10	92	-10	68	BN	QE	0.25	M		C	L	L	G	BDR	N		H	
NA14804	2	12	69	0.09	-10	-10	83	-10	52	OR	QE	0.4	M		C	L	L	M	BDR	N		H	
NA14805	-2	4	19	0.11	-10	-10	65	-10	57	BN	QE	0.35	M		C	L	L	G	BDR	N		H	
NA14806	-2	5	32	0.11	-10	-10	56	-10	60	BN	QE	0.4	M		C	L	L	G	BDR	N		H	
NA14807	-2	13	27	0.16	-10	-10	96	-10	71	BN	QE	0.6	M		C	H	H	G	BDR	N		H	
NA14808	-2	5	42	0.12	-10	-10	61	-10	57	BN	QE	0.4	M		C	H	H	G	BDR	N		M	
NA14809	2	6	20	0.1	-10	-10	64	-10	47	BN	QE	0.45	M		C	L	L	G	BDR	N		H	
NA14810	3	18	8	0.05	-10	-10	81	-10	102	OR	QB	0.45	M		C	L	L	M	BDR	N		H	
NA14811	-2	6	18	0.1	-10	-10	64	-10	45	BN	QE	0.35	M		C	M	M	G	BDR	N		M	
NA14812	-2	9	24	0.12	-10	-10	63	-10	53	OR	QE	0.25	M		C	L	L	G	BDR	N		H	
NA14813	-2	8	16	0.14	-10	-10	35	-10	102	OR	QE	0.4	M		C	L	L	G	BDR	N		H	
NA14814	2	4	24	0.14	-10	-10	68	-10	56	GY	QE	0.45	M		C	L	L	M	BDR	N		H	
NA14815	2	11	25	0.1	-10	-10	43	-10	140	OR	QE	0.4	M		C	L	L	G	BDR	N		H	
NA14816	2	3	15	0.1	-10	-10	59	-10	33	BN	QL	0.45	M		C	M	L	G	BDR	N		M	
NA14817	3	5	22	0.27	-10	-10	91	-10	78	OR	QE	0.5	M		C	L	L	M	BDR	N		H	AND GREY TONES
NA14818	-2	12	37	0.17	-10	-10	104	-10	77	OR	QB	0.5	M		C	L	L	M	BDR	N		H	
NA14819	-2	6	23	0.27	-10	-10	112	-10	104	BN	QE	0.45	M		C	L	L	M	BDR	N		H	
NA14820	-2	5	31	0.11	-10	-10	57	-10	54	BN	QE	0.45	M		C	H	H	G	BDR	N		M	
NA14821	-2	6	95	0.24	-10	-10	95	-10	66	BN	QE	0.35	M		C	L	L	G	BDR	N		H	
NA14822	-2	8	27	0.17	-10	-10	80	-10	51	BN	QE	0.45	M		C	L	L	G	BDR	N		H	
NA14823	-2	13	23	0.04	-10	-10	74	-10	59	OR	QD	0.4	M		C	L	L	M	BDR	N		H	
NA14972	-2	14	34	0.24	-10	-10	158	-10	73	OR	QE	0.4	M		C	L	L	G	BDR	N		H	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERT Y	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA14973	591075	7000089	STEWART	LINLEY	20030723	-1	-0.2	3.19	5	-10	660	0.9	-2	0.31	-0.5	13	14	62	5.99	20	-1	1.02	30	1.5	926	-1	0.01	10	1180	7	0.01
NA14974	591128	7000175	STEWART	LINLEY	20030723	-1	-0.2	2.53	10	10	1350	0.6	-2	1.02	-0.5	20	23	52	6.46	10	-1	1.05	30	1.32	1210	-1	0.01	16	3910	6	0.01
NA14975	591175	7000262	STEWART	LINLEY	20030723	2	-0.2	1.58	16	10	430	0.5	-2	0.33	-0.5	17	19	74	5.44	10	-1	0.31	20	0.5	546	1	0.01	12	790	8	0.01
NA14976	591224	7000349	STEWART	LINLEY	20030723	3	0.2	1.92	13	-10	220	-0.5	-2	0.23	-0.5	9	28	26	3.37	10	-1	0.09	10	0.63	298	1	0.01	17	310	11	0.01
NA14977	591278	7000432	STEWART	LINLEY	20030723	4	-0.2	2.22	11	-10	280	-0.5	-2	0.24	-0.5	13	31	32	3.38	10	-1	0.06	10	0.71	315	1	0.01	18	290	8	0.01
NA14978	591455	7000337	STEWART	LINLEY	20030723	5	0.2	1.8	8	-10	480	-0.5	-2	0.35	-0.5	12	27	33	2.77	10	-1	0.09	10	0.68	326	-1	0.01	16	540	11	0.02
NA14979	591399	7000249	STEWART	LINLEY	20030723	3	-0.2	2.24	8	-10	780	-0.5	-2	0.45	-0.5	13	28	46	3.74	10	-1	0.2	20	0.99	432	-1	0.02	15	710	9	0.07
NA14980	591350	7000161	STEWART	LINLEY	20030723	1	-0.2	2.08	8	-10	540	-0.5	-2	0.53	-0.5	14	30	37	3.68	10	-1	0.24	10	0.97	468	-1	0.02	17	580	7	0.02
NA14981	591299	7000074	STEWART	LINLEY	20030723	1	-0.2	1.7	8	-10	300	-0.5	-2	0.23	-0.5	12	44	30	3.15	10	-1	0.13	10	0.65	332	1	0.01	15	380	6	0.02
NA14982	591250	6999990	STEWART	LINLEY	20030723	1	-0.2	2.32	18	-10	1330	-0.5	-2	0.3	-0.5	25	23	29	4.62	10	-1	0.98	20	1.13	1515	-1	0.01	16	790	14	0.01
NA14983	591198	6999904	STEWART	LINLEY	20030723	5	-0.2	3.09	9	-10	140	0.8	-2	0.17	-0.5	15	17	98	6.87	10	-1	0.81	40	0.79	176	-1	0.04	20	1080	9	0.85
NA14984	591480	6999977	STEWART	LINLEY	20030723	2	-0.2	2.13	5	-10	400	-0.5	-2	0.28	-0.5	21	23	38	4.38	10	-1	0.54	10	0.99	816	-1	0.01	15	560	7	0.04
NA14986	591427	6999893	STEWART	LINLEY	20030723	10	0.2	1.96	11	-10	220	0.5	-2	0.21	-0.5	15	31	54	3.09	10	-1	0.12	20	0.7	314	1	0.01	22	480	7	0.02
NA14987	591374	6999807	STEWART	LINLEY	20030723	1	-0.2	3.35	6	-10	430	0.5	-2	0.33	-0.5	77	9	104	6.13	10	-1	0.34	20	1.72	698	-1	0.03	11	720	2	0.01
NA14988	591550	6999710	STEWART	LINLEY	20030723	1	-0.2	2.32	8	-10	180	-0.5	-2	0.14	-0.5	4	15	18	6.24	10	-1	0.18	10	1.2	225	8	0.16	6	640	2	0.78
NA14989	591597	6999796	STEWART	LINLEY	20030723	2	-0.2	2.15	17	-10	190	-0.5	2	0.16	-0.5	10	34	28	3.58	10	-1	0.06	20	0.54	265	1	0.01	17	410	11	0.01
NA15000	592040	6999771	STEWART	RYAN	20030723	3	-0.2	2.37	8	-10	530	-0.5	-2	0.37	-0.5	28	28	61	4.15	10	-1	0.23	20	1.1	690	-1	0.02	18	960	6	0.05
NA15001	592094	6999849	STEWART	RYAN	20030723	2	-0.2	2.45	8	-10	640	-0.5	2	1	-0.5	27	27	98	5.43	10	-1	0.47	10	1.23	1210	-1	0.02	16	2530	5	0.01
NA15002	592144	6999935	STEWART	RYAN	20030723	1	-0.2	1.9	11	-10	480	-0.5	-2	0.3	-0.5	12	40	37	3.12	10	-1	0.08	10	0.69	361	-1	0.02	19	360	7	0.01
NA15003	591967	7000041	STEWART	RYAN	20030723	3	-0.2	1.65	8	-10	340	-0.5	-2	0.42	-0.5	13	24	22	3.15	10	-1	0.15	10	0.79	434	-1	0.02	9	630	4	0.02
NA15004	591767	6999695	STEWART	RYAN	20030723	3	-0.2	2.93	9	-10	590	-0.5	2	0.42	-0.5	11	33	82	4.8	10	-1	0.58	20	1.61	453	-1	0.03	17	550	6	0.01
NA15006	590524	7008435	STEWART	RYAN	20030724	1	-0.2	2.12	12	-10	320	-0.5	-2	0.23	-0.5	12	35	26	3.25	10	-1	0.13	10	0.73	286	-1	0.01	16	200	7	0.01
NA15007	590478	7008358	STEWART	RYAN	20030724	1	-0.2	3.07	10	-10	640	-0.5	-2	0.76	-0.5	23	30	93	4.35	10	-1	0.4	10	1.67	523	-1	0.03	18	690	2	-0
NA15008	590430	7008267	STEWART	RYAN	20030724	-1	-0.2	3.2	7	-10	510	-0.5	2	0.4	-0.5	14	25	216	5.71	10	-1	1.14	10	1.8	591	3	0.02	9	580	5	0.06
NA15009	590384	7008182	STEWART	RYAN	20030724	3	-0.2	1.99	9	-10	700	-0.5	-2	0.47	-0.5	12	26	49	3.24	10	-1	0.42	10	1.11	389	-1	0.02	15	610	7	-0
NA15010	590325	7008098	STEWART	RYAN	20030724	2	-0.2	1.87	12	-10	570	-0.5	3	0.41	-0.5	11	29	37	3.01	10	-1	0.22	20	0.93	322	-1	0.02	14	410	7	-0
NA14917	585170	7014553	STEWART	RYAN	20030722	60	-0.2	1.56	17	-10	630	0.8	-2	0.37	-0.5	12	24	37	2.93	10	-1	0.09	20	0.4	391	1	0.01	23	280	16	-0
NA14918	584910	7012443	STEWART	RYAN	20030722	2	-0.2	3.28	12	-10	810	-0.5	-2	0.37	-0.5	17	40	92	4.96	10	-1	0.77	20	1.6	491	1	0.02	19	260	5	-0
NA14919	584939	7012643	STEWART	RYAN	20030722	1	-0.2	3.17	7	-10	830	-0.5	-2	0.48	-0.5	14	37	88	4.07	10	-1	0.53	20	1.49	478	-1	0.04	17	410	7	-0
NA15011	590279	7008009	STEWART	RYAN	20030724	3	-0.2	2.54	8	-10	680	0.5	-2	0.83	-0.5	19	82	171	4.27	10	-1	0.27	20	1.32	416	-1	0.04	23	1000	4	-0
NA15012	590224	7007924	STEWART	RYAN	20030724	-1	-0.2	3.3	8	-10	920	-0.5	3	1.02	-0.5	23	45	177	5.16	10	-1	1.11	20	2.04	542	-1	0.04	20	2080	3	0.01
NA15013	590173	7007836	STEWART	RYAN	20030724	1	-0.2	2.37	7	-10	400	-0.5	-2	0.69	-0.5	17	46	257	5.85	10	-1	0.24	20	0.96	395	6	0.07	21	1300	7	0.16
NA15014	590134	7007752	STEWART	RYAN	20030724	-1	-0.2	1.94	5	-10	180	-0.5	-2	1.58	-0.5	15	28	144	2.7	10	-1	0.15	10	1.09	324	-1	0.14	16	3150	4	0.01
NA15015	589833	7008040	STEWART	RYAN	20030724	-1	-0.2	2.86	6	-10	480	-0.5	-2	2.35	-0.5	17	64	45	3.62	10	-1	0.53	10	1.65	523	-1	0.09	15	5610	3	0.01
NA15016	589880	7008115	STEWART	RYAN	20030724	-1	-0.2	2.95	8	-10	420	-0.5	-2	1.58	-0.5	14	30	74	3.1	10	-1	0.39	10	1.05	347	-1	0.05	14	1840	3	0.01
NA15017	589923	7008213	STEWART	RYAN	20030724	1	-0.2	3.21	6	-10	350	-0.5	-2	1.79	-0.5	13	36	47	2.88	10	-1	0.34	10	1	384	-1	0.05	10	1740	6	-0
NA15018	589980	7008288	STEWART	RYAN	20030724	4	-0.2	1.82	9	-10	470	-0.5	-2	0.77	-0.5	11	32	62	3.04	10	-1	0.16	20	0.92	349	-1	0.06	18	1430	29	0.01
NA15019	590023	7008390	STEWART	RYAN	20030724	3	-0.2	1.57	9	-10	350	-0.5	-2	0.64	-0.5	10	29	64	2.77	-10	-1	0.1	20	0.72	317	-1	0.04	24	970	4	0.01
NA15020	590196	7008280	STEWART	RYAN	20030724	-1	-0.2	3.72	8	-10	1540	-0.5	-2	0.57	-0.5	23	23	92	6.41	10	-1	1.2	20	2.04	728	-1	0.03	10	1040	4	0.01
NA15021	590150	7008189	STEWART	RYAN	20030724	2	-0.2	1.61	8	-10	360	-0.5	-2	0.33	-0.5	10	28	49	3.07	10	-1	0.4	20	0.77	328	-1	0.02	13	390	-2	0.01
NA15022	590094	7008107	STEWART	RYAN	20030724	-1	-0.2	1.62	10	-10	290	-0.5	-2	0.47	-0.5	10	27	53	2.75	10	-1	0.16	10	0.78	282	-1	0.03	13	540	8	0.01
NA15023	590050	7008019	STEWART	RYAN	20030724	-1	-0.2	3.5	7	-10	620	-0.5	-2	1.48	-0.5	22	32	141	4.97	10	-1	0.46	10	1.93	564	-1	0.16	17	2540	-2	0.01
NA15024	590000	7007929	STEWART	RYAN	20030724	-1	-0.2	5.53	9	-10	440	0.5	-2	3.03	-0.5	8	32	52	2.75	20	-1	0.31	10	1.08	446	-1	0.02	7	820	-2	0.01
NA15026	589955	7007830	STEWART	RYAN	20030724	-1	-0.2	5.02	8	-10	330	0.5	-2	2.72	-0.5	15	18	41	3.66	20	-1	0.25	10	1.13	378	-1	0.04	5	1300	7	-0
NA15027	593915	6998893	STEWART	RYAN	20030724	3	-0.2	2.15	47	-10	190	-0.5	-2	0.18	-0.5	14	25	85	3.73	10	-1	0.1	10	0.56	645	-1	0.02	12	320	6	0.04
NA15028	594026	6999061	STEWART	RYAN	20030724	2	-0.2	2.43	14	-10	220	0.6	-2	0.2	-0.5	12	40	32	3.25	10	-1	0.05	20	0.63	447	-1	0.02	23	250	11	0.01
NA15029	594144	6999227	STEWART	RYAN	20030724	2	-0.2	3	19	-10	320	0.6	-2	0.15	-0.5	12	42	24	3.62	10	-1	0.04	10	0.55	340	-1	0.01	24	270	8	0.01
NA15030	594231	6999407	STEWART	RYAN	20030724	2	-0.2	2.05	14	-10	280	-0.5	-2	0.3	-0.5	10	32	28	3.09	10	-1	0.07	20	0.54	429	-1	0.01	19	620	9	0.01
NA15031	594293	6999602	STEWART	RYAN	20030724	4	-0.2	1.76	10	-10	360	-0.5	-2	0.36	-0.5	10	29	27	2.98	10	-1	0.05	20	0.52	316	-1	0.02	21	560	8	0.02
NA15650	580190	7013949	STEWART	ROBINSON	20030729	4	-0.2	1.9	7	-10	250	-0.5	-2	0.21	-0.5	9	33	16	3.07	10	-1	0.13	20	0.55	282	1	0.01	19	220	14	0.01
NA15651	580241	7014143	STEWART	ROBINSON	20030729	3	-0.2	1.22	2	-10	2060	0.9	2	7	-0.5	31	58	184	3.98	-10	-1	0.04	10	1.09	1005	1	0.02	63	5870	102	0.07
NA15652	580330	7014351	STEWART	ROBINSON	20030729	2	-0.2	1.53	6	-10	280	-0.5	-2	0.24	-0.5	8	25	15	2.74	10	1	0.12	10	0.44	516	1	0.01	15	270	8	0.01
NA15653	580415	7014488	STEWART	ROBINSON	20030729	4	-0.2	1.72	7	-10	300	0.6	-2	0.18	-0.5	9	36	24	2.69	-10	-1	0.05	20	0.46	254	1	0.01	23	140	11	-0
NA15654	580494	7014672	STEWART	ROBINSON	20030729	3	-0.2	1.9	6	-10	360	-0.5	-2	0.3	-0.5	11	31	38	2.78	10	-1	0.07	10	0.57	253	1	0.01	23	470	13	-0
NA15655	580593	7014845	STEWART	ROBINSON	20030729	1	-0.2	1.99	2	-10	490	0.6	-2	0.4	-0.5	17	15	52	5.31	10	-1	0.07	10	0.88	705	2	0.01	17	460	12	0.01
NA15656	580690	7015021	STEWART	ROBINSON	20030729	2	-0.2	1.26	8	-10	190	-0.5	-2	0.17	-0.5	6	23	11	2.31	10	-1	0.06	10	0.35	214	1	0.01	13	260	8	0.01
NA15657	580783	7015200	STEWART	ROBINSON	20030729	1	-0.2	1.67	4	-10	460	-0.5	-2	0.26	-0.5	8	41	22	2.25	10	-1	0.16	20	0.83	249	1	0.01	28	280	3	-0
NA15658	580933	7015361	STEWART	ROBINSON	20030729	3	-0.2	1.43	3	-10	350	-0.5	-2	0.34	-0.5	8	31	21	2.3	10	-1	0.06	10	0.55	178	-1	0.02	18	380	7	-0
NA15659	581112	7015452	STEWART	ROBINSON	20030729	1	-0.2	2.54	-2	-10	660	0.5	-2	0.54	-0.5	14	48	77	4.13	10	-1	0.37	20	1.16	423	-1	0.04	36	400	7	0.01
NA15660	581286	7015545	STEWART	ROBINSON	20030729	2	-0.2	1.84	5	-10	440	-0.5	-2	0.44	-0.5	14	39	52	2.93	10	-1	0.25	10	0.89	354	1	0.03	23	360	16	-0
NA15661	581462	7015647	STEWART	ROBINSON	20030729	5	-0.2	1.62	8	-10	380	0.5	-2	0.38	-0.5	11	31	37	2.89	-10	-1	0.1	20	0.65	299	-1	0.02	25	250	12	0.01
NA15662	587004	7012386	STEWART	ROBINSON	20030730	2	-0.2	1.41	5	-10	520	-0.5	-2	1.18	-0.5	10	26	36	2.59	-10	-1	0.17	10	0.62	577	1	0.03	23	620	12	0.01
NA15663	586934	7012312	STEWART	ROBINSON	20030730	4	0.2	2.31	4	-10	380	-0.5	-2	1.08	-0.5	26	49	194	4.21	10	-1	0.16	10	1.13	442	1	0.06	35	2280	10	0.01
NA15664	586863	7012239	STEWART	ROBINSON	20030730	3	-0.2	2.05	5	-10	250	-0.5	-2	0.82	-0.5	16	41	84	3.37	10	-1	0.14	20	0.77	366	1	0.04	29	1950	8	0.01
NA15665	586797	7012164	STEWART	ROBINSON	20030730	2	-0.2	2.18	-2	-10	480	-0.5	-2	1.02	-0.5	17	58	110	3.37	10	-1	0.37	20	1.43	364	-1	0.06	24	1600	3	-0
NA15666	586722	7012077	STEWART	ROBINSON	20030730	1	-0.2	2.48	2	-10	450	-0.5	-2	0.87	-0.5	17	14	49	4.61	10	-1	0.6	10	1.09	547	1	0.04	10	1160	11	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA14973	-2	17	15	0.28	-10	-10	72	-10	124	OR	QE	0.6	M		C	L	L	G	BDR	N		H	
NA14974	2	21	33	0.19	-10	-10	132	-10	112	OR	QD	0.3	M		C	L	L	G	BDR	N		H	
NA14975	-2	14	21	0.07	-10	-10	94	-10	194	OR	QE	0.35	M		C	L	L	M	BDR	N		H	
NA14976	-2	5	18	0.13	-10	-10	79	-10	73	BN	QE	0.25	M		C	L	L	M	COL	N		M	
NA14977	-2	5	19	0.16	-10	-10	90	-10	58	BN	QE	0.35	M		C	L	L	M	COL	N		H	
NA14978	-2	7	21	0.12	-10	-10	73	-10	74	BN	QE	0.6	M		C	M	M	M	COL	N		H	
NA14979	-2	11	27	0.13	-10	-10	99	-10	100	BN	QD	0.5	M		C	H	H	S	COL	N		H	
NA14980	-2	10	20	0.17	-10	-10	102	-10	67	BN	QD	0.35	M		C	H	H	S	COL	P		H	
NA14981	-2	5	16	0.12	-10	-10	90	-10	54	BN	QD	0.35	M		C	H	H	M	BDR	P		M	
NA14982	2	16	23	0.22	-10	-10	118	-10	84	OR	QD	0.4	M		C	L	L	F	BDR	N		H	
NA14983	-2	16	92	0.1	-10	-10	136	-10	82	OR	QB	0.2	M		C	L	L	F	BDR	N		H	
NA14984	-2	11	20	0.16	-10	-10	124	-10	92	BN	QD	0.35	M		C	M	H	S	COL	N		H	
NA14986	-2	5	18	0.1	-10	-10	65	-10	70	BN	QE	0.3	M		C	M	M	G	BDR	N		M	
NA14987	-2	20	17	0.08	-10	-10	119	-10	46	OR	QE	0.35	M		C	L	L	F	BDR	N		H	
NA14988	-2	18	110	0.08	-10	-10	98	-10	30	OR	QB	0.3	M		C	L	L	G	BDR	N		H	
NA14989	-2	4	15	0.12	-10	-10	83	-10	50	OR	QE	0.35	M		C	M	L	G	BDR	N		H	
NA15000	-2	6	28	0.18	-10	-10	97	-10	87	BN	QD	0.5	M		C	L	L	G	COL	S		M	
NA15001	2	12	48	0.16	-10	-10	129	-10	138	BN	QD	0.55	M		C	L	L	G	BDR	S		H	
NA15002	-2	7	24	0.12	-10	-10	82	-10	61	BN	QD	0.5	M		B	L	L	G	BDR	S		L	
NA15003	-2	6	23	0.14	-10	-10	92	-10	76	BN	QL	0.25	M	30	B	H	H	S	COL	P		L	POOR SL
NA15004	-2	14	33	0.2	-10	-10	124	-10	63	BN		0.8	M		C	L	L	F	BDR	N		H	ORANGE TONE
NA15006	-2	4	19	0.15	-10	-10	81	-10	53	BN	QD	0.25	M	10	B	M	H	G	BDR	P		L	
NA15007	2	6	49	0.29	-10	-10	124	-10	65	BN	QD	0.7	M		C	L	L	G	COL	S		H	
NA15008	-2	10	47	0.34	-10	-10	160	-10	72	OR	QL	0.55	M		C	L	L	G	BDR	N		H	
NA15009	-2	6	35	0.21	-10	-10	87	-10	67	BN	QD	0.6	M		C	L	L	G	BDR	N		H	
NA15010	-2	6	30	0.21	-10	-10	83	-10	52	BN	QL	0.4	M		C	M	L	G	BDR	S		M	
NA14917	-2	7	33	0.07	-10	-10	58	-10	58	BN		0.6	M		C	L	L	F	BDR	N		M	SOME OR
NA14918	-2	10	25	0.19	-10	-10	121	-10	66	BN	QD	0.5	M		C	L	L	G	COL	N		M	
NA14919	-2	10	30	0.16	-10	-10	104	-10	74	BN	QD	0.6	M		C	L	L	G	COL	N		M	
NA15011	-2	16	35	0.15	-10	-10	121	-10	68	OR	QD	0.75	M		C	L	L	G	COL	S		H	SOME BK
NA15012	-2	11	270	0.31	10	-10	160	-10	92	BN	QD	0.55	M		C	L	L	M	COL	N		H	
NA15013	-2	10	56	0.25	-10	-10	140	-10	60	OR	QL	0.55	M		C	L	L	M	COL	N		H	
NA15014	-2	10	63	0.14	-10	-10	88	-10	38	BK	QD	0.6	M		C	L	L	M	COL	N		H	
NA15015	-2	10	140	0.3	-10	-10	114	-10	56	BN	QD	1	M		C	L	L	M	COL	N		H	
NA15016	-2	6	92	0.25	-10	-10	90	-10	56	BN	QU	0.6	M		C	L	L	M	COL	N		H	
NA15017	2	6	145	0.22	-10	-10	80	-10	55	BN	QL	0.7	M		C	L	L	M	COL	N		H	
NA15018	-2	9	49	0.16	-10	-10	82	-10	57	BN	QD	0.7	M		C	L	L	M	COL	N		H	
NA15019	-2	8	37	0.13	-10	-10	70	-10	51	OR	QL	0.7	M		C	L	L	M	COL	N		H	
NA15020	2	16	51	0.25	10	-10	221	-10	88	BN	QL	0.7	M		C	L	L	M	COL	N		H	
NA15021	-2	6	21	0.17	-10	-10	74	-10	55	BN	QL	0.45	M		C	L	L	M	COL	N		M	
NA15022	-2	5	34	0.17	-10	-10	77	-10	50	BN	QL	0.6	M		C	L	L	M	COL	N		H	
NA15023	3	14	99	0.28	-10	-10	168	-10	78	BN	QD	0.7	M		C	L	L	M	COL	N		H	
NA15024	-2	12	234	0.16	-10	-10	81	-10	56	OR	QL	0.8	M		C	L	L	M	COL	N		H	
NA15026	-2	9	199	0.25	10	-10	112	-10	88	OR	QL	0.8	M		C	L	L	M	COL	N		H	
NA15027	2	5	14	0.11	10	-10	79	-10	84	BN	QE	0.25	M		B	L	L	F	BDR	N		M	
NA15028	-2	8	20	0.13	-10	-10	75	-10	51	BN	QD	0.2	M	5	B	M	L	F	BDR	N	AMP	L	ROCKY GROUND. AMPHIBOLITE?
NA15029	-2	5	16	0.11	-10	-10	82	-10	58	BN	QL	0.2	M	5	B	M	L	F	BDR	N	SCH	L	ROCKY RIDGE, QTZ MUSC SCHIST
NA15030	-2	5	22	0.1	-10	-10	64	-10	66	BN	QL	0.55	M	5	C	M	M	G	COL	S		L	ROCKY GROUND
NA15031	-2	8	25	0.1	-10	-10	57	-10	71	BN		0.5	M	5	B	M	H	F	BDR	P		M	SOME ORANGE COLOUR, SWAMPY GROUND
NA15650	-2	4	19	0.12	-10	-10	68	-10	48	BN	QU	0.7	M		C	M	L	G	BDR	N		H	
NA15651	-2	14	271	0.05	-10	-10	202	-10	106	OL	QU	0.75	M		C	L	L	G	BDR	N		H	
NA15652	-2	5	18	0.08	-10	-10	54	-10	59	BN	QD	0.7	M		C	L	L	G	BDR	N		H	
NA15653	-2	6	20	0.09	-10	-10	62	-10	44	RD	QU	0.75	M		C	L	L	G	BDR	N		H	
NA15654	-2	4	23	0.09	-10	-10	61	-10	47	BN	QU	0.6	M		C	L	L	F	BDR	N		H	
NA15655	2	27	19	0.08	-10	-10	175	-10	120	BN	QL	0.65	M		C	L	L	G	BDR	N		H	
NA15656	-2	3	14	0.09	-10	-10	57	-10	38	BN	QL	0.6	M		C	L	L	F	BDR	N		H	
NA15657	2	4	19	0.13	-10	-10	67	-10	39	YW	QU	0.75	M		C	L	L	F	BDR	N		H	
NA15658	-2	5	21	0.1	-10	-10	61	-10	39	BN	QU	0.5	M		C	L	L	G	BDR	N		H	
NA15659	-2	9	33	0.22	-10	-10	126	-10	114	BN	QU	0.9	M	10	B	H	H	G	BDR	S		L	
NA15660	-2	6	29	0.14	-10	-10	79	-10	53	BN	QL	0.5	M		C	M	L	G	BDR	N		M	
NA15661	2	6	26	0.12	-10	-10	75	-10	48	BN	QU	0.6	M		C	L	L	G	BDR	S		H	
NA15662	-2	5	52	0.1	-10	-10	57	-10	65	BN	QD	0.65	M	5	C	L	L	G	COL	N		H	
NA15663	-2	14	29	0.17	-10	-10	116	-10	58	GN	QU	0.65	M	5	C	L	L	M	COL	N		H	
NA15664	-2	8	29	0.12	-10	-10	92	-10	50	OL	QU	0.6	M	5	C	L	L	M	COL	N		H	
NA15665	-2	12	29	0.19	-10	-10	118	-10	48	OL	QD	0.75	M	5	C	L	L	M	COL	N		H	
NA15666	-2	10	29	0.21	-10	-10	153	-10	88	BN	QD	0.65	M	5	C	L	L	M	COL	N		H	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA15667	586617	7011971	STEWART	ROBINSON	20030730	3	-0.2	1.84	8	-10	450	-0.5	-2	0.54	-0.5	9	28	28	3.21	10	-1	0.1	10	0.63	436	1	0.03	24	500	13	0.02
NA15668	586315	7012204	STEWART	ROBINSON	20030730	1	-0.2	1.86	3	-10	400	-0.5	-2	0.34	-0.5	10	20	38	3.5	10	-1	0.25	10	0.59	342	1	0.02	16	690	6	0.01
NA15669	586379	7012288	STEWART	ROBINSON	20030730	2	-0.2	2.03	3	-10	640	-0.5	-2	0.41	-0.5	12	26	31	3.11	10	-1	0.31	10	1.03	374	-1	0.02	14	480	7	0.01
NA15670	586446	7012361	STEWART	ROBINSON	20030730	3	-0.2	2.3	12	-10	1130	-0.5	-2	0.81	-0.5	20	52	88	4.51	10	-1	0.21	20	1.04	371	2	0.04	30	1280	7	0.02
NA15671	586505	7012443	STEWART	ROBINSON	20030730	3	-0.2	1.48	6	-10	440	-0.5	-2	0.81	-0.5	11	31	60	2.65	-10	-1	0.06	10	0.58	294	1	0.03	23	1380	8	0.01
NA15672	586579	7012515	STEWART	ROBINSON	20030730	1	-0.2	1.51	4	-10	250	-0.5	-2	0.28	-0.5	9	28	30	2.39	10	-1	0.06	10	0.47	291	1	0.01	17	520	9	0.01
NA15673	586646	7012583	STEWART	ROBINSON	20030730	3	-0.2	2.21	3	-10	200	-0.5	-2	0.52	-0.5	12	39	69	3.4	10	-1	0.04	10	0.74	242	1	0.03	17	940	8	-0
NA15674	586714	7012659	STEWART	ROBINSON	20030730	1	-0.2	1.92	3	-10	350	-0.5	-2	0.4	-0.5	11	24	54	2.9	10	-1	0.18	10	0.84	291	1	0.02	15	670	6	0.01
NA15675	581647	7015735	STEWART	ROBINSON	20030730	1	-0.2	1.42	4	-10	430	-0.5	-2	0.3	-0.5	10	39	24	2.38	-10	-1	0.11	10	0.56	243	1	0.02	20	270	9	0.01
NA15676	581814	7015841	STEWART	ROBINSON	20030730	16	0.2	1.34	6	-10	440	-0.5	-2	0.35	-0.5	11	25	26	2.55	10	-1	0.17	10	0.49	427	1	0.02	18	410	8	0.01
NA15677	582036	7015831	STEWART	ROBINSON	20030730	7	-0.2	1.64	6	-10	450	-0.5	-2	0.41	-0.5	14	33	45	3.27	-10	-1	0.37	20	0.91	396	1	0.02	26	410	9	0.01
NA15678	582236	7015894	STEWART	ROBINSON	20030730	4	-0.2	1.38	5	-10	320	-0.5	-2	0.63	-0.5	8	27	29	2.54	10	-1	0.1	20	0.62	248	1	0.03	21	830	8	0.01
NA15679	582271	7016065	STEWART	ROBINSON	20030714	5	-0.2	2.03	4	-10	520	-0.5	-2	0.73	-0.5	13	23	58	3.4	10	-1	0.48	20	1	301	-1	0.03	17	550	8	0.02
NA14950	578234	7011619	STEWART	ROBINSON	20030728	2	-0.2	1.63	10	-10	210	-0.5	-2	0.26	-0.5	9	30	20	2.58	10	-1	0.04	20	0.48	260	1	0.01	24	290	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0.3	1.9	3	-10	430	-0.5	-2	0.26	-0.5	12	33	15	3.13	10	-1	0.07	10	0.51	1090	1	0.01	22	570	16	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	-0.2	1.97	5	-10	360	-0.5	-2	0.29	-0.5	11	36	32	2.95	10	-1	0.08	20	0.57	319	1	0.01	30	570	12	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	-0.2	2.48	4	-10	200	0.6	-2	0.27	-0.5	13	52	34	3.89	10	-1	0.27	30	0.75	368	1	0.01	33	310	19	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	1.73	5	-10	320	-0.5	-2	0.23	-0.5	10	38	27	2.78	10	-1	0.08	20	0.61	260	1	0.01	24	350	9	0.03
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	1.88	4	-10	620	0.6	-2	0.39	-0.5	11	46	49	3.36	10	-1	0.24	30	0.72	289	1	0.02	38	670	16	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	-0.2	2.08	-2	-10	200	-0.5	-2	0.19	-0.5	9	39	23	3.35	10	-1	0.25	20	0.66	326	1	0.01	24	420	13	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1	-0.2	2.14	3	-10	270	0.7	-2	0.42	-0.5	13	42	34	3.44	10	-1	0.45	30	0.92	674	1	0.01	24	1040	12	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	1.92	7	-10	410	0.5	2	0.39	-0.5	15	53	35	4.51	10	-1	0.35	20	0.71	574	1	0.01	26	650	11	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	2.1	6	-10	470	0.9	-2	0.76	-0.5	21	106	47	3.53	10	-1	0.09	40	1.2	517	-1	0.01	134	1290	14	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	1.78	7	-10	230	-0.5	-2	0.23	-0.5	10	39	29	2.78	10	-1	0.07	10	0.58	265	1	0.01	27	250	11	0.01
NA15135	577811	7011150	STEWART	ROBINSON	20030728	1	-0.2	1.8	3	-10	340	-0.5	-2	0.21	-0.5	15	155	54	2.38	-10	-1	0.36	10	1.4	198	-1	0.02	61	130	3	-0
NA15136	577727	7011095	STEWART	ROBINSON	20030728	4	-0.2	1.56	7	-10	210	-0.5	-2	0.26	-0.5	9	32	51	2.56	10	-1	0.04	10	0.57	259	-1	0.02	18	260	12	0.01
NA15137	577640	7011042	STEWART	ROBINSON	20030728	2	-0.2	1.7	5	-10	280	-0.5	-2	0.32	-0.5	13	38	51	2.74	-10	-1	0.11	10	0.77	405	1	0.01	25	240	6	0.01
NA15138	577553	7010994	STEWART	ROBINSON	20030728	1	-0.2	1.34	4	-10	200	-0.5	-2	0.33	-0.5	9	46	47	1.98	10	-1	0.15	10	0.81	216	1	0.01	19	530	7	-0
NA15139	577461	7010943	STEWART	ROBINSON	20030728	5	-0.2	1.44	4	-10	200	-0.5	-2	0.37	-0.5	10	28	71	2.52	-10	-1	0.12	10	0.68	319	1	0.02	23	670	8	-0
NA15140	577375	7011128	STEWART	ROBINSON	20030728	10	-0.2	1.62	5	-10	300	-0.5	-2	0.39	-0.5	11	54	49	2.62	-10	-1	0.13	10	0.94	284	1	0.02	23	610	5	0.01
NA15141	577456	7011171	STEWART	ROBINSON	20030728	3	-0.2	2.49	7	-10	250	-0.5	-2	0.24	-0.5	14	35	28	3.26	10	-1	0.1	10	0.77	286	-1	0.01	22	440	8	0.01
NA15142	577538	7011222	STEWART	ROBINSON	20030728	3	-0.2	1.44	2	-10	250	-0.5	-2	0.26	-0.5	9	35	33	2.18	10	-1	0.07	10	0.55	227	-1	0.01	14	640	9	0.01
NA15143	577628	7011271	STEWART	ROBINSON	20030728	2	-0.2	2.12	4	-10	200	-0.5	-2	0.31	-0.5	13	51	27	2.75	10	-1	0.1	10	0.83	228	-1	0.02	21	500	9	-0
NA15144	577718	7011318	STEWART	ROBINSON	20030728	2	-0.2	1.04	3	-10	210	-0.5	-2	0.24	-0.5	6	20	31	1.61	10	1	0.04	10	0.42	235	-1	0.02	12	400	8	0.02
NA15145	577802	7011362	STEWART	ROBINSON	20030728	2	-0.2	1.58	2	-10	200	-0.5	-2	0.67	-0.5	11	43	25	2.69	10	-1	0.07	10	0.66	509	-1	0.02	21	480	7	0.01
NA15146	577880	7011408	STEWART	ROBINSON	20030728	4	-0.2	1.91	4	-10	250	-0.5	-2	0.45	-0.5	12	83	75	2.69	10	-1	0.05	10	0.95	482	1	0.02	43	500	11	0.01
NA15147	577960	7011490	STEWART	ROBINSON	20030728	2	-0.2	1.99	2	-10	410	-0.5	-2	0.5	-0.5	18	52	112	3.02	10	-1	0.11	10	1.25	420	1	0.03	39	770	6	0.01
NA15148	578051	7011529	STEWART	ROBINSON	20030728	3	-0.2	1.92	14	-10	310	-0.5	-2	0.47	-0.5	11	79	31	2.69	10	-1	0.05	10	0.76	306	1	0.02	73	530	9	0.01
NA15149	578140	7011577	STEWART	ROBINSON	20030728	6	-0.2	1.62	13	-10	210	-0.5	-2	0.34	-0.5	10	33	25	2.63	-10	-1	0.05	20	0.52	261	1	0.02	23	490	11	0.01
NA15129	578339	7011443	STEWART	ROBINSON	20030728	3	-0.2	2.09	28	-10	250	0.6	-2	0.33	-0.5	11	39	28	3.18	10	-1	0.04	20	0.62	382	1	0.02	30	280	9	-0
NA15130	578253	7011392	STEWART	ROBINSON	20030728	3	-0.2	1.94	12	-10	280	0.6	-2	0.38	-0.5	11	40	29	3.05	-10	-1	0.05	20	0.58	356	1	0.02	27	210	9	-0
NA15131	578165	7011345	STEWART	ROBINSON	20030728	5	-0.2	2.27	12	-10	260	0.5	-2	0.38	-0.5	12	42	30	3.12	10	-1	0.05	20	0.64	367	-1	0.02	29	490	5	0.01
NA15132	578076	7011297	STEWART	ROBINSON	20030728	3	-0.2	2.11	7	-10	190	0.5	-2	0.21	-0.5	12	50	40	3.15	10	-1	0.06	10	0.66	349	1	0.02	29	270	8	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	-0.2	1.84	3	-10	250	-0.5	-2	0.23	-0.5	11	32	23	2.88	10	1	0.06	10	0.54	685	1	0.01	21	270	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19	-0.2	0.81	3	-10	70	-0.5	-2	0.31	-0.5	7	22	44	0.96	-10	-1	0.02	10	0.23	114	-1	0.01	17	150	3	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	-0.2	0.98	3	-10	80	-0.5	-2	0.27	-0.5	15	33	78	1.49	-10	-1	0.02	10	0.29	139	1	0.01	36	80	3	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	1.4	3	-10	90	-0.5	-2	0.38	-0.5	11	91	26	1.41	-10	-1	0.02	10	0.78	172	1	0.02	47	110	3	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	1.46	4	-10	130	-0.5	-2	0.38	-0.5	11	48	55	1.91	-10	-1	0.03	10	0.53	178	1	0.02	29	270	5	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	2.41	9	-10	210	-0.5	-2	0.28	-0.5	16	29	31	4.13	10	-1	0.06	10	0.96	868	1	0.03	21	460	8	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	-0.2	2.86	-2	-10	430	0.7	-2	0.47	0.6	17	66	71	4.61	10	-1	0.83	20	1.84	703	1	0.01	32	1020	5	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	331	0.2	1.5	7	-10	220	0.5	-2	0.18	-0.5	5	25	9	2.58	10	-1	0.06	20	0.31	202	2	0.01	12	720	12	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	184	-0.2	2.97	24	-10	340	1	-2	0.45	-0.5	21	82	33	4.57	10	-1	0.43	90	1.66	518	1	0.01	62	870	16	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	308	-0.2	1.54	4	-10	180	-0.5	-2	0.16	-0.5	7	24	10	3.08	10	-1	0.08	10	0.32	182	2	0.01	13	480	9	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16	-0.2	1.97	9	-10	1180	0.9	-2	0.54	-0.5	20	79	90	4.76	10	-1	0.09	20	0.86	625	3	0.02	57	720	10	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	-0.2	2.17	6	-10	290	-0.5	-2	0.35	-0.5	12	56	46	2.99	10	-1	0.04	10	0.73	374	1	0.02	28	310	6	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	-0.2	2.29	-2	-10	400	0.6	-2	0.5	0.7	27	517	16	3.4	10	-1	0.3	20	2.57	512	1	0.01	372	760	6	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	-0.2	1.76	6	-10	600	0.5	-2	0.37	0.5	11	45	35	2.8	-10	-1	0.12	20	0.69	320	2	0.02	35	580	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	0.2	1.83	90	-10	350	0.5	-2	0.43	0.5	9	37	27	3.17	10	1	0.07	20	0.53	280	2	0.02	24	510	10	0.05
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27	-0.2	1.56	55	-10	290	-0.5	-2	0.32	-0.5	9	32	24	2.62	-10	-1	0.05	20	0.51	277	1	0.02	23	500	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35	-0.2	1.98	64	-10	270	0.5	-2	0.35	-0.5	9	41	26	2.97	10	-1	0.05	20	0.59	272	1	0.02	28	360	9	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49	-0.2	1.52	200	-10	270	-0.5	-2	0.22	-0.5	9	27	17	2.43	-10	-1	0.06	10	0.34	378	1	0.01	26	460	9	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	-0.2	1.54	9	-10	390	0.6	-2	0.34	-0.5	9	34	27	2.73	-10	-1	0.05	20	0.52	324	1	0.02	27	360	8	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0.3	1.66	14	-10	270	0.7	-2	0.11	-0.5	9	29	36	3.55	-10	-1	0.05	10	0.31	250	2	0.01	29	360	12	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11	-0.2	1.94	10	-10	320	-0.5	-2	0.26	-0.5	9	34	20	2.91	10	-1	0.05	10	0.5	253	1	0.01	23	290	9	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	-0.2	1.18	10	-10	250	-0.5	-2	0.27	-0.5	9	28	24	2.27	-10	-1	0.04	10	0.34	295	1	0.01	23	350	7	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22	-0.2	1.82	5	-10	230	-0.5	-2	0.31	-0.5	9	48	20	2.92	10	-1	0.06	10	0.76	241	1	0.01	25	350	7	-0

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA15667	-2	7	34	0.12	-10	-10	61	-10	71	BN	QL	0.85	M	5	C	M	L	M	COL	N		H	
NA15668	-2	7	20	0.12	-10	-10	82	-10	99	BN	QL	0.7	M	5	C	L	L	M	COL	N		H	
NA15669	-2	5	30	0.19	-10	-10	88	-10	61	BN	QL	0.9	M	5	C	L	L	M	COL	N		H	
NA15670	-2	9	33	0.21	-10	-10	144	-10	62	BN	QL	0.75	M	5	C	M	L	M	COL	N		H	
NA15671	-2	5	31	0.1	-10	-10	66	-10	44	GY	QL	0.75	M	5	C	L	L	G	COL	N		H	
NA15672	-2	4	19	0.09	-10	-10	65	-10	39	YW	QU	0.5	M	5	C	L	L	G	COL	N		H	
NA15673	-2	8	23	0.12	-10	-10	103	-10	45	YW	QU	0.55	M	5	C	L	L	G	COL	N		H	
NA15674	-2	6	24	0.15	-10	-10	78	-10	59	GY	QU	0.6	M	5	C	L	L	G	COL	N		H	
NA15675	-2	4	20	0.1	-10	-10	61	-10	48	BN	QU	0.55	M	5	C	L	L	G	BDR	N		H	
NA15676	-2	5	20	0.1	-10	-10	64	-10	55	BN	QU	0.65	M	5	C	L	L	G	BDR	N		H	
NA15677	-2	8	25	0.17	-10	-10	102	-10	47	BN	QD	0.6	M	5	C	L	L	G	BDR	N		H	
NA15678	2	5	38	0.11	-10	-10	60	-10	49	BN	QU	0.6	M	5	C	H	M	F	COL	P		M	
NA15679	2	8	47	0.21	-10	-10	81	-10	62			0											BLANK CARD
NA14950	-2	4	22	0.1	-10	-10	64	-10	43	BN	QL	0.4	M		A	L	L	G	BDR	N		H	
NA14951	-2	3	24	0.09	-10	-10	70	-10	76	BN	QL	0.5	M	10	C	L	L	G	BDR	N		M	
NA14952	-2	6	26	0.11	-10	-10	66	-10	52	BN	QU	0.9	M		B	H	M	G	BDR	N		M	
NA14953	-2	5	35	0.18	-10	-10	72	-10	81	BN	QU	0.75	M		C	M	L	M	BDR	N		M	
NA14954	-2	4	25	0.11	-10	-10	71	-10	57	BN	QU	0.75	M	10	B	H	H	G	BDR	N		M	HEAVY CLAY LAYER
NA14955	-2	7	27	0.13	-10	-10	75	-10	73	BN	QL	0.7	M		C	L	L	G	BDR	N		H	
NA14956	2	4	21	0.15	-10	-10	70	-10	61	BN	QL	0.65	M	10	C	M	L	G	BDR	N		H	
NA14957	-2	7	22	0.12	-10	-10	72	-10	80	OR	QU	0.75	M		C	L	L	G	BDR	N		H	
NA14958	-2	17	23	0.1	-10	-10	95	-10	68	OR	QU	0.8	M		C	L	L	G	BDR	N		H	SADDLE
NA14959	3	7	43	0.15	-10	-10	63	-10	62	BN	QL	0.8	M		C	L	L	G	BDR	N		H	GN SL PRESENT 0.5% APPROX.
NA15134	-2	4	20	0.13	-10	-10	71	-10	45	BN	QL	0.65	M		C	L	L	M	COL	N		H	
NA15135	2	3	13	0.2	-10	-10	66	-10	41	GN	QD	0.75	M		C	L	L	M	COL	N		H	3 COLOR GRADIENTS BN,QD GN,GN
NA15136	-2	4	21	0.12	-10	-10	73	-10	52	BN	QL	0.5	M		C	L	L	M	COL	N		H	
NA15137	-2	4	26	0.15	-10	-10	75	-10	48	BN	QD	0.6	M		C	L	L	S	COL	N		H	
NA15138	-2	3	19	0.15	-10	-10	60	-10	28	GN	QU	0.8	M		C	L	L	S	COL	N		H	
NA15139	-2	7	21	0.14	-10	-10	62	-10	53	BN	QL	0.75	M		C	L	L	S	COL	N		H	
NA15140	-2	4	23	0.14	-10	-10	76	-10	40	BN	QD	0.8	M		C	L	L	S	COL	N		H	
NA15141	-2	4	20	0.15	-10	-10	82	-10	49	BN	QD	0.75	M		C	L	L	S	BDR	N		H	
NA15142	-2	3	20	0.1	-10	-10	62	-10	38	GY	QU	0.75	M		C	L	L	F	BDR	N		H	
NA15143	-2	4	19	0.12	-10	-10	73	-10	42	GY	QD	0.65	M		C	L	L	G	COL	N		H	
NA15144	-2	2	17	0.1	-10	-10	57	-10	29	GY	QU	0.5	M	25	C	M	L	G	COL	N		M	ROCKY
NA15145	2	6	22	0.08	-10	-10	77	-10	43	BN	QU	0.65	M		C	L	L	M	COL	N		H	
NA15146	-2	5	24	0.12	-10	-10	70	-10	64	BN	QU	0.6	M		C	M	M	M	COL	N		H	
NA15147	-2	6	35	0.17	-10	-10	93	-10	65	BN	QU	0.4	M		C	L	L	G	COL	N		H	
NA15148	2	5	27	0.1	-10	-10	65	-10	52	BN	QL	0.45	M		C	L	L	G	COL	N		H	
NA15149	-2	5	26	0.11	-10	-10	62	-10	54	BN	QL	0.5	M		C	L	L	M	COL	N		H	
NA15129	-2	7	26	0.12	-10	-10	75	-10	56	BN	QL	0.45	M		C	M	L	F	BDR	N		H	
NA15130	-2	7	30	0.13	-10	-10	75	-10	55	BN	QU	0.5	M		C	L	L	G	BDR	N		H	
NA15131	-2	6	29	0.13	-10	-10	76	-10	53	BN	QU	0.45	M		C	M	L	G	COL	N		H	
NA15132	-2	5	14	0.14	-10	-10	78	-10	52	BN	QD	0.45	M		C	L	L	G	COL	N		H	GN LAYER @ 40 CM
NA15133	-2	4	18	0.09	-10	-10	78	-10	59	BN	QL	0.45	M		C	L	L	G	COL	N		H	
NA15247	-2	3	16	0.08	-10	-10	24	-10	16	GN	QL	0.55	M		C	L	L	F	BDR	N	ULM	H	ULTRAMAFIC ROCKS
NA15248	-2	5	13	0.09	-10	-10	32	-10	17	GN	QL	0.5	M		C	L	L	F	BDR	N		H	
NA15249	-2	3	19	0.07	-10	-10	28	-10	21	GN	QL	0.6	M		C	L	L	F	BDR	N	ULM	H	ULTRAMAFICS
NA15250	-2	3	20	0.14	-10	-10	45	-10	26	GN	QL	0.5	M		C	L	L	F	BDR	N	ULM	H	ULTRAMAFICS
NA15251	-2	8	16	0.13	-10	-10	115	-10	77	OR	QD	0.4	M		C	L	L	F	BDR	N	ULM	M	ULTRAMAFIC
NA15252	-2	8	22	0.29	-10	-10	100	-10	92	OR	QD	0.6	M		C	L	L	G	BDR	N		H	PENOXING UNIT
NA15253	-2	3	17	0.09	-10	-10	61	-10	37	BN	QU	0.4	M		C	L	L	F	BDR	N	GNT	H	INTRUSION
NA15254	-2	10	26	0.11	-10	-10	74	-10	92	OR	QL	0.6	M		C	L	L	F	BDR	N		H	
NA15255	-2	3	15	0.1	-10	-10	75	-10	42	OR	QL	0.35	M		C	L	L	F	BDR	N	QZT	H	QZT?
NA15256	-2	13	36	0.05	-10	-10	114	-10	93	OR	QB	0.6	M		C	L	L	G	BDR	N		H	
NA15257	-2	6	23	0.12	-10	-10	80	-10	45	BN	QD	0.4	M		C	L	L	G	BDR	N		H	
NA15258	-2	7	24	0.21	-10	-10	108	-10	90	OR	QB	0.5	M		C	L	L	G	BDR	N		H	
NA15259	-2	5	26	0.12	-10	-10	76	-10	72	BN	QL	0.4	M		C	L	L	G	BDR	N		H	
NA15260	2	6	42	0.12	-10	-10	76	-10	54	BN	QL	0.45	M		B	L	L	G	BDR	N		L	
NA15261	-2	4	27	0.09	-10	-10	61	-10	50	BN	QD	0.35	M		C	L	L	F	BDR	N		M	50/50 SOIL
NA15262	-2	6	27	0.13	-10	-10	78	-10	49	OR	QD	0.45	M		B	L	L	F	BDR	N	QZT	M	QZT BRECH IN OUTCROP
NA15263	-2	3	26	0.04	-10	-10	55	-10	50	OR	QD	0.4	M		B	L	L	G	BDR	N		M	
NA15264	-2	7	29	0.1	-10	-10	63	-10	63	BN	QL	0.4	M		C	L	L	G	BDR	N		M	
NA15265	-2	4	24	0.04	-10	-10	63	-10	65	OR	QL	0.25	M		B	L	L	G	BDR	N		M	
NA15266	-2	4	25	0.11	-10	-10	70	-10	49	OR	QL	0.35	M		B	L	L	G	BDR	N		M	
NA15267	-2	4	23	0.09	-10	-10	56	-10	47	BN	QL	0.3	M		B	L	L	F	BDR	N		M	
NA15268	-2	5	22	0.13	-10	-10	73	-10	47	OR	QU	0.3	M		B	L	L	G	BDR	N		M	

STEWART-THISTLE 2003 SOILS

667-2210

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	1.99	3	-10	300	-0.5	-2	0.49	-0.5	15	68	69	3.47	10	-1	0.08	10	0.81	258	1	0.02	44	770	5	0.02
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	-0.2	2.09	9	-10	550	-0.5	-2	0.64	0.8	10	34	20	2.9	10	-1	0.1	10	0.5	831	-1	0.01	21	640	9	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	-0.2	2.12	2	-10	420	0.7	-2	0.54	-0.5	25	43	118	5.03	10	1	0.83	90	0.98	641	2	0.01	56	1720	10	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69	-0.2	1.73	13	-10	380	0.5	-2	0.29	0.5	6	25	14	2.74	10	-1	0.22	20	0.42	262	1	0.01	15	610	12	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	-0.2	1.53	4	-10	820	0.5	-2	0.21	-0.5	8	32	34	3.31	-10	1	0.13	20	0.47	157	2	0.01	28	490	8	0.08
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	0.3	1.18	7	-10	880	-0.5	-2	0.09	-0.5	11	28	90	4.8	-10	-1	0.17	20	0.24	176	4	0.01	54	670	12	0.23
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	-0.2	1.88	9	-10	710	0.5	-2	0.35	-0.5	9	35	24	2.81	-10	-1	0.05	20	0.53	236	1	0.02	25	530	9	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	0.2	2.46	4	-10	1360	0.5	-2	0.69	-0.5	28	240	143	5.35	10	1	0.56	10	2.08	531	-1	0.04	208	820	-2	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	-0.2	1.27	3	-10	410	1	-2	0.39	0.5	7	37	61	3.63	-10	-1	0.34	30	0.43	148	4	-0	47	1350	12	-0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	0.4	2.25	2	-10	470	0.8	-2	0.13	-0.5	10	104	88	5.08	10	-1	0.38	20	0.87	315	3	0.01	65	620	13	0.04
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	0.3	1.86	13	-10	270	-0.5	-2	0.3	-0.5	9	35	17	2.98	-10	-1	0.08	10	0.52	262	1	0.01	25	380	7	0.01
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	-0.2	0.83	42	-10	720	-0.5	-2	0.25	0.8	6	24	35	2.84	-10	-1	0.16	30	0.16	206	3	0.01	35	940	16	0.01
NA15281	574708	7001091	STEWART	RYAN	[illegible]	3	0.6	0.91	33	10	640	0.5	-2	0.68	0.8	9	23	51	3.36	-10	-1	0.26	10	0.24	523	4	0.02	36	1210	13	0.15
NA15282	587766	7009615	STEWART	RYAN	20030730	5	-0.2	1.98	5	-10	400	-0.5	-2	0.38	-0.5	11	27	53	3.78	10	-1	0.45	10	0.94	424	1	0.03	19	390	6	-0
NA15283	587877	7009635	STEWART	RYAN	20030730	2	-0.2	2.09	5	-10	320	0.5	-2	0.46	0.5	10	23	33	4.01	10	-1	0.6	10	0.85	551	1	0.02	21	710	7	0.01
NA15284	587973	7009648	STEWART	RYAN	20030730	3	-0.2	2.52	2	-10	300	0.5	-2	0.42	0.5	11	36	22	3.96	10	-1	0.38	10	0.94	494	1	0.02	18	440	6	0.01
NA15285	588069	7009671	STEWART	RYAN	20030730	3	-0.2	2.04	4	-10	330	0.5	-2	0.44	0.5	7	21	35	3.87	10	-1	0.35	20	0.79	624	-1	0.02	18	360	8	-0
NA15286	588157	7009679	STEWART	RYAN	20030730	2	-0.2	2.36	8	-10	390	0.7	-2	0.62	0.5	9	32	23	3.11	10	-1	0.15	10	0.56	432	-1	0.01	22	350	9	0.01
NA15287	588263	7009698	STEWART	RYAN	20030730	2	-0.2	1.61	6	-10	350	-0.5	-2	0.45	-0.5	12	32	25	2.75	-10	-1	0.29	10	0.68	355	1	0.02	20	280	5	-0
NA15288	588357	7009714	STEWART	RYAN	20030730	2	-0.2	1.78	6	-10	360	0.5	-2	0.3	-0.5	11	35	19	3.12	10	-1	0.59	10	0.89	323	1	0.02	22	230	6	-0
NA15289	588459	7009713	STEWART	RYAN	20030730	3	-0.2	2.93	2	-10	730	-0.5	-2	0.75	-0.5	22	24	118	4.74	10	1	0.75	30	1.6	832	-1	0.05	15	1780	6	0.01
NA15290	588535	7009734	STEWART	RYAN	20030730	3	-0.2	1.84	3	-10	340	-0.5	-2	0.83	-0.5	13	26	65	3.15	-10	-1	0.23	10	0.83	328	1	0.05	18	1100	4	-0
NA15291	588663	7009764	STEWART	RYAN	20030730	2	-0.2	2.43	3	-10	270	-0.5	-2	0.62	0.5	18	71	77	3.45	10	-1	0.12	10	1.29	305	1	0.03	30	930	6	0.01
NA15292	588761	7009763	STEWART	RYAN	20030730	2	-0.2	2.7	-2	-10	180	0.5	-2	1.88	-0.5	25	60	363	4.9	10	1	0.11	10	1.45	400	1	0.18	47	4260	3	-0
NA15293	588628	7010147	STEWART	RYAN	20030730	1	-0.2	2.94	-2	-10	380	0.6	-2	0.67	0.7	16	47	143	4.67	10	1	0.75	10	1.41	639	1	0.03	18	1720	16	0.01
NA15294	588536	7010111	STEWART	RYAN	20030730	2	-0.2	2.07	2	-10	440	-0.5	-2	0.6	0.5	11	28	52	2.99	10	-1	0.17	20	0.85	330	-1	0.03	15	660	6	-0
NA15295	588441	7010098	STEWART	RYAN	20030730	1	-0.2	3.74	-2	-10	420	-0.5	-2	1.41	-0.5	14	15	26	3.89	10	-1	0.41	10	1.05	612	1	0.05	9	1650	10	0.01
NA15296	588351	7010090	STEWART	RYAN	20030730	2	-0.2	3.82	-2	-10	470	0.5	-2	1.34	-0.5	18	35	43	4.4	10	-1	0.61	10	1.6	591	1	0.03	16	1440	7	-0
NA15297	588247	7010074	STEWART	RYAN	20030730	3	-0.2	1.84	-2	-10	410	-0.5	-2	0.46	0.5	7	18	19	3.44	10	-1	0.5	10	0.67	488	-1	0.02	11	700	6	-0
NA15298	588144	7010061	STEWART	RYAN	20030730	6	-0.2	2.41	2	-10	350	-0.5	-2	0.66	0.5	12	40	26	3.56	10	-1	0.32	10	0.92	376	1	0.03	16	480	6	-0
NA15299	588053	7010047	STEWART	RYAN	20030730	2	-0.2	2.16	3	-10	190	-0.5	-2	0.22	-0.5	8	26	21	3.4	10	-1	0.13	10	0.5	361	1	0.01	13	320	8	0.01
NA15700	587949	7010032	STEWART	RYAN	20030730	2	-0.2	2	4	-10	290	0.5	-2	0.21	-0.5	7	12	26	5.5	10	-1	0.63	10	0.44	697	-1	0.01	7	530	6	0.01
NA15701	587844	7010018	STEWART	RYAN	20030730	1	-0.2	2.04	6	-10	220	-0.5	-2	0.24	-0.5	9	23	24	3.94	10	-1	0.28	10	0.68	428	-1	0.01	10	440	3	-0
NA15702	587746	7010003	STEWART	RYAN	20030730	2	-0.2	1.83	3	-10	280	-0.5	-2	0.25	-0.5	8	25	22	3.19	10	-1	0.16	10	0.56	364	-1	0.01	13	330	5	-0
NA15703	587645	7009987	STEWART	RYAN	20030730	3	-0.2	1.96	8	-10	230	-0.5	-2	0.35	-0.5	11	94	38	3.37	10	-1	0.2	10	0.93	372	-1	0.02	23	710	9	0.01
NA15704	586965	7003058	STEWART	RYAN	20030730	8	0.9	2.09	4	-10	210	0.5	-2	0.17	0.8	10	25	28	3.01	10	-1	0.09	20	0.52	601	1	0.01	17	520	169	0.01
NA15705	586873	7002998	STEWART	RYAN	20030730	12	0.5	2	7	-10	240	0.5	-2	0.21	-0.5	10	30	40	2.85	10	-1	0.11	20	0.77	623	1	0.01	18	220	140	0.01
NA15706	586885	7003067	STEWART	RYAN	20030730	3	-0.2	2.01	4	-10	220	0.6	-2	0.29	-0.5	11	37	32	3.04	10	-1	0.05	20	0.61	454	1	0.02	22	260	14	0.01
NA14729	578034	7011961	CATHY GRI	HULSTEIN	20030728	3	-0.2	1.49	18	-10	230	-0.5	2	0.29	-0.5	8	31	18	2.56	-10	-1	0.04	10	0.48	344	-1	0.01	19	400	8	0.01
NA14730	578137	7011785	CATHY GRI	HULSTEIN	20030728	3	-0.2	2.02	29	-10	170	-0.5	2	0.19	-0.5	10	36	23	3.15	10	-1	0.05	10	0.51	336	1	0.01	23	280	13	0.01
NA14731	578052	7011736	CATHY GRI	HULSTEIN	20030728	-1	-0.2	1.81	8	-10	160	-0.5	-2	0.66	-0.5	19	339	22	2.43	-10	-1	0.07	10	2.85	183	-1	0.01	229	1670	3	-0
NA14732	577962	7011689	CATHY GRI	HULSTEIN	20030728	7	0.2	1.64	26	-10	190	-0.5	-2	0.28	-0.5	11	43	26	2.76	-10	-1	0.05	10	0.47	325	1	0.01	38	520	11	0.01
NA14733	577876	7011637	CATHY GRI	HULSTEIN	20030728	8	-0.2	1.66	9	-10	190	-0.5	-2	0.41	-0.5	12	48	58	2.59	10	-1	0.04	10	0.65	322	-1	0.02	25	600	4	0.01
NA14734	577778	7011591	CATHY GRI	HULSTEIN	20030728	1	0.3	1.13	6	-10	200	-0.5	-2	0.46	-0.5	11	60	52	2.13	-10	-1	0.04	10	0.77	250	-1	0.02	49	690	3	0.01
NA14735	577696	7011540	CATHY GRI	HULSTEIN	20030728	2	0.2	1.52	-2	-10	230	-0.5	-2	0.81	-0.5	13	47	78	2.33	-10	-1	0.11	10	1.08	464	-1	0.03	21	860	4	0.02
NA14736	577625	7011481	CATHY GRI	HULSTEIN	20030728	4	-0.2	1.74	-2	-10	230	-0.5	-2	0.53	-0.5	15	48	79	3.02	10	-1	0.12	10	1.11	558	-1	0.02	24	760	-2	0.01
NA14737	577536	7011428	CATHY GRI	HULSTEIN	20030728	7	-0.2	1.82	-2	-10	150	-0.5	-2	0.29	-0.5	13	52	119	2.52	10	-1	0.11	10	1.01	295	-1	0.01	25	530	2	0.01
NA14738	577445	7011390	CATHY GRI	HULSTEIN	20030728	3	-0.2	1.81	2	-10	230	-0.5	-2	0.4	-0.5	12	52	54	2.62	10	-1	0.12	10	0.96	299	-1	0.02	19	570	6	0.01
NA14739	577363	7011340	CATHY GRI	HULSTEIN	20030728	7	0.2	1.8	3	-10	210	-0.5	-2	0.35	-0.5	11	49	102	2.6	10	-1	0.11	10	0.79	274	-1	0.02	19	570	4	0.01
NA14740	577270	7011293	CATHY GRI	HULSTEIN	20030728	1	-0.2	2.29	-2	-10	270	-0.5	-2	0.54	-0.5	13	53	38	2.85	10	-1	0.18	10	1.3	337	-1	0.03	13	550	5	0.01
NA14741	577166	7011459	CATHY GRI	HULSTEIN	20030728	3	0.2	2.57	-2	-10	280	-0.5	-2	0.72	-0.5	16	79	53	3.02	10	-1	0.24	10	1.42	529	-1	0.04	24	880	5	0.02
NA14742	577255	7011510	CATHY GRI	HULSTEIN	20030728	8	-0.2	1.92	3	-10	230	-0.5	-2	0.43	-0.5	15	52	80	3.18	10	-1	0.15	10	1.09	431	-1	0.02	17	660	6	0.01
NA14743	577341	7011572	CATHY GRI	HULSTEIN	20030728	2	-0.2	1.78	-2	-10	250	-0.5	-2	0.49	-0.5	13	57	42	2.68	10	-1	0.12	10	1.11	379	-1	0.02	20	610	4	0.01
NA14744	577431	7011617	CATHY GRI	HULSTEIN	20030728	6	-0.2	2.07	2	-10	290	-0.5	-2	0.58	-0.5	14	49	87	2.87	10	-1	0.12	10	1.06	366	-1	0.02	19	630	6	0.01
NA14745	577521	7011669	CATHY GRI	HULSTEIN	20030728	2	-0.2	1.58	-2	-10	230	-0.5	-2	0.53	-0.5	12	53	49	2.42	10	-1	0.08	10	0.94	359	-1	0.02	23	680	4	0.02
NA14746	577617	7011729	CATHY GRI	HULSTEIN	20030728	3	-0.2	1.47	7	-10	270	-0.5	-2	0.68	-0.5	9	46	90	2.25	-10	-1	0.06	10	0.65	305	-1	0.03	35	590	6	0.02
NA14747	577688	7011785	CATHY GRI	HULSTEIN	20030728	2	-0.2	1.54	11	-10	340	-0.5	-2	0.73	-0.5	10	37	62	2.5	-10	-1	0.08	10	0.7	320	-1	0.02	28	580	6	0.02
NA14748	577787	7011814	CATHY GRI	HULSTEIN	20030728	8	0.3	1.3	11	-10	200	-0.5	-2	0.55	-0.5	9	47	55	2.36	-10	-1	0.04	10	0.64	264	-1	0.03	31	640	5	0.01
NA15450	577867	7011877	CATHY GRI	HULSTEIN	20030728	3	0.2	1.88	37	-10	360	0.5	-2	0.41	-0.5	11	60	23	3.2	10	-1	0.08	20	0.59	398	-1	0.02	54	450	9	0.01
NA15451	577956	7011924	CATHY GRI	HULSTEIN	20030728	2	-0.2	1.02	9	-10	140	-0.5	-2	0.26	-0.5	52	379	109	3.01	-10	-1	0.04	10	1.21	441	-1	0.01	1165	390	4	0.03
NA15523	579108	7012923	STEWART	HULSTEIN	20030802	3	-0.2	2.74	7	-10	270	0.6	2	0.73	-0.5	25	52	99	5.11	10	-1	0.16	20	1.67	889	1	0.03	52	1310	8	0.01
NA15524	579108	7012933	STEWART	HULSTEIN	20030802	6	-0.2	2.55	3	-10	220	0.6	-2	1.22	-0.5	30	36	192	5.01	10	-1	0.13	40	1.85	1230	-1	0.05	63	2760	5	-0

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA15269	-2	5	26	0.14	-10	-10	79	-10	36	OR	QU	0.25	M		B	L	L	G	BDR	N		M	
NA15270	-2	4	32	0.1	-10	-10	67	-10	102	OR	QU	0.1	M		B	L	L	G	BDR	N		L	
NA15271	-2	5	17	0.16	-10	-10	67	-10	83	OR	QD	0.6	M		C	L	L	G	BDR	N		H	
NA15272	-2	5	21	0.07	-10	-10	42	-10	75	OR	QL	0.45	M		C	L	L	F	BDR	N		H	
NA15273	-2	4	31	0.08	-10	-10	65	-10	72	OR	QL	0.4	M		B	L	L	F	BDR	N		M	
NA15274	-2	4	43	0.02	-10	-10	54	-10	104	BN	QL	0.25	M		B	L	L	F	BDR	N		M	
NA15275	-2	5	28	0.09	-10	-10	69	-10	47	BN	QU	0.4	M		B	M	M	F	BDR	N		L	POOR SAMP. LOESS
NA15276	-2	13	30	0.19	-10	-10	110	-10	82	OR	QU	0.6	M		C	L	L	G	BDR	N		H	
NA15277	-2	7	39	0.03	-10	-10	69	-10	153	BN	QL	0.65	M		C	L	L	G	BDR	N		H	
NA15278	-2	11	26	0.09	-10	-10	109	-10	210	OR	QL	0.65	M		C	L	L	G	BDR	N		H	
NA15279	-2	4	24	0.1	-10	-10	72	-10	60	OR	QL	0.25	M		B	L	L	F	BDR	N		M	
NA15280	3	4	60	0.02	-10	-10	47	-10	94	BN	QL	0.15	M		C	L	L	F	BDR	N		H	
NA15281	6	4	108	0.02	-10	-10	47	-10	114	BN	QL	0.2	M		B	L	L	S	COL	N		M	
NA15282	-2	9	20	0.22	-10	-10	66	-10	93	BN	QU	1	M		C	L	L	S	COL	N		H	
NA15283	-2	10	26	0.24	-10	-10	66	-10	104	BN	QL	0.6	M		C	L	L	S	COL	N		M	
NA15284	-2	9	27	0.22	-10	-10	71	-10	157	OR	QL	0.6	M		B	L	L	S	COL	N		L	
NA15285	-2	10	28	0.17	-10	-10	54	-10	229	OR	QE	0.7	M		C	L	L	S	COL	N		H	
NA15286	-2	8	48	0.13	-10	-10	58	-10	89	OR	QL	0.5	M		C	L	L	M	COL	N		M	
NA15287	-2	6	24	0.15	-10	-10	80	-10	46	OR	QD	0.5	M		C	L	L	M	COL	N	SCH	H	CHANGE IN SOIL, TURNING MORE BIO RICH
NA15288	-2	10	24	0.16	-10	-10	69	-10	53	OR	QL	0.5	M		B	L	L	G	COL	N		M	NO BIO COLOR
NA15289	-2	10	95	0.23	-10	-10	117	-10	272	OR	QU	1	M		C	L	L	G	COL	N	SCH	H	TOPO CHANGING STARTING TO DRAMATICALLY DROP, SOIL TURNING MORE BIO MUSC RICH
NA15290	-2	7	39	0.17	-10	-10	92	-10	56	BN	QU	0.6	M		C	L	L	M	COL	N	SCH	H	BIO AND QTZ AND MUSC
NA15291	-2	7	28	0.22	-10	-10	99	-10	84	OR	QU	0.5	M		C	L	L	M	COL	N	SCH	M	BIO ROCKS IN HOLE
NA15292	-2	15	70	0.21	-10	-10	124	-10	69	BN	QD	0.7	M		C	L	L	G	COL	N	SCH	H	BIO RICH ROCKS
NA15293	-2	8	39	0.27	-10	-10	134	-10	98	BN	QU	0.65	M		C	L	L	G	COL	N	SCH	H	QTZ-BIO SCHIST?
NA15294	-2	6	68	0.17	-10	-10	75	-10	79	BN	QU	0.6	M		C	L	M	G	COL	N		M	
NA15295	-2	9	117	0.16	-10	-10	90	-10	122	BN	QU	0.6	M		C	L	L	G	COL	N		H	
NA15296	-2	9	110	0.22	-10	-10	111	-10	87	BN	QU	0.65	M		C	L	L	G	COL	N		M	
NA15297	-2	7	27	0.2	-10	-10	47	-10	141	BN	QU	0.6	M		C	L	L	G	COL	S	SCH	M	MUSC RICH SOIL
NA15298	-2	8	34	0.21	-10	-10	88	-10	86	BN	QL	0.7	M		C	L	L	G	COL	N	SCH	H	MUSCOVITE RICH SOIL
NA15299	-2	5	19	0.15	-10	-10	58	-10	132	OR	QL	0.25	M		B	L	L	G	BDR	N		L	HARD TO GET SAMPLE, LOTS OF LOESS, POOR SOIL DEVELOPMENT
NA15700	-2	14	16	0.2	-10	-10	27	-10	222	BN		0.55	M		B	L	L	G	COL	N	SCH	M	TOUCH OF ORANGE IN SOIL. QUARTZ BIO SCHIST?
NA15701	2	10	16	0.16	-10	-10	54	-10	128	BN	QL	0.45	M		B	L	L	G	COL	N	SCH	M	MUSC RICH SOIL
NA15702	-2	7	21	0.15	-10	-10	53	-10	86	DB	QD	0.25	M		B	L	L	G	COL	N	QTZ	L	QUARTZITE?
NA15703	2	6	23	0.16	-10	-10	66	-10	78	BN	QD	0.45	M		C	L	L	G	COL	N	SCH	M	QTZ-BIO SCHIST?
NA15704	3	3	86	0.07	-10	-10	58	-10	670	BN	QB	0.3	M		B	L	L	G	BDR	N		M	
NA15705	-2	6	62	0.11	-10	-10	59	-10	349	BN	QL	0.45	M		C	L	L	G	COL	N		M	SAME ROCKS AS HIGH PB/AU
NA15706	-2	7	31	0.12	-10	-10	68	-10	66	BN	QD	0.45	M		B	L	L	F	BDR	N		M	SAMPLE NOT AS GOOD AS 15705
NA14729	4	4	24	0.1	-10	-10	59	-10	56	BN	QE	0.3	M	10	B	H	M	M	COL	N	SCH	L	50%> LOESS BLOCKY BOULDERS SCH(QTZ-MUSC) & QZT
NA14730	2	4	20	0.1	-10	-10	71	-10	60	BN	QE	0.25	M		B	M	L	M	BDR	N	SCH	L	50% LOESS
NA14731	2	7	24	0.06	-10	-10	57	-10	42	OL	QL	0.7	M		C	L	L	M	COL	N	SCH	H	SCH, MICACEOUS, ALT CHLO BIOT-MUSC SCH
NA14732	2	4	22	0.08	-10	-10	61	-10	64	BN	QE	0.35	M	5	B	M	M	M	COL	N	SCH	L	50% LOESS QTZ-MUSC -QZT SCH
NA14733	-2	4	24	0.12	-10	-10	65	-10	54	OL	QE	0.5	M	5	B	M	M	M	COL	N	AMP	M	
NA14734	2	4	21	0.08	-10	-10	52	-10	45	BN	QD	0.7	M	10	B	M	M	M	COL	N	AMP	M	
NA14735	-2	5	28	0.12	-10	-10	66	-10	60	BN	QD	0.5	M	15	B	L	H	S	COL	P	AMP	L	~>25% LOESS, POOR SOI;
NA14736	-2	7	18	0.11	-10	-10	76	-10	74	BN	QD	0.5	M	5	B	M	M	S	COL	N	AMP	M	~15% LOESS
NA14737	2	3	16	0.15	-10	-10	72	-10	50	BN	QE	0.25	M	5	B	M	L	S	COL	N	AMP	L	~25% LOESS, MOSS AND SCREE
NA14738	2	4	23	0.16	-10	-10	75	-10	54	OL	QD	0.5	M	5	B	M	M	M	COL	N	AMP	M	SOME LOESS
NA14739	2	3	22	0.15	-10	-10	69	-10	51	GN	QD	0.5	M	7	B	M	M				AMP	L	SOME LOESS~20%
NA14740	-2	5	24	0.16	-10	-10	88	-10	60	BN	QD	0.6	M	5	B	L	M	S	COL	P	AMP	M	SOME MINOR LOESS SCREE AND MOSS
NA14741	-2	7	25	0.14	-10	-10	86	-10	70	BN	QD	0.6	M	7	B	M	H	S	COL	P		L	LOESS~25%
NA14742	2	6	23	0.15	-10	-10	86	-10	65	BN	QE	0.6	M	5	B	M	H	S	COL	P		L	LOESS? ~20%?
NA14743	3	4	26	0.15	-10	-10	78	-10	52	BN	QE	0.5	M	5	B	M	M	S	COL	N	AMP	M	SANDY SOME LOESS
NA14744	-2	5	27	0.16	-10	-10	79	-10	62	BN	QE	0.6	M		B	M	M	S	COL	P	AMP	M	SANDY SOME LOESS? BOULDER FIELD W/ MOSS AND TREES
NA14745	-2	4	23	0.12	-10	-10	66	-10	65	BN	QE	0.5	M	10	B	M	M	S	COL	N	AMP	L	ORGANICS & LOESS ~25% SANDY
NA14746	2	4	31	0.08	-10	-10	57	-10	52	BN	QD	0.4	M	10	B	M	M	S	COL	N	AMP	L	LOESS~25%
NA14747	-2	4	32	0.1	-10	-10	65	-10	58	BN	QD	0.4	M	10	B	M	M	S	COL	N	AMP	L	LOESS ~25%
NA14748	2	5	24	0.09	-10	-10	58	-10	50	OL	QD	0.6	M		B	M	M	S	COL	N	AMP	H	
NA15450	2	7	30	0.09	-10	-10	68	-10	67	BN	QE	0.4	M	5	B	M	H	S	COL	N	SCH	L	LOTS OF LOEES ~25%+ SCH, QTZ-MUSC
NA15451	3	7	15	0.04	-10	-10	34	-10	27	OR	QE	0.8	M		C	M	M	G	COL	N	SCH	H	OR WEA MUSC SCH
NA15523	-2	11	39	0.1	-10	-10	133	-10	75	BN	QD	0.5	M		B	M	L	G	BDR	N	AMP	M	RESAMPLE IN AREA OF NA12355. 0.3-0.5M DEPTH. DARK BROWN SLIGHTLY RUSTY, MINOR LOESS (LESS THAN 15%)
NA15524	-2	13	52	0.06	-10	-10	138	-10	75	OL	QD	0.7	M		C	M	L	G	BDR	N	AMP	H	RESAMPLE OF (IN AREA-NO FLAG FOUND) NA12355. 0.5-0.7M DEPTH. DARK OLIVE COLOR

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA15525	579148	7012884	STEWART	HULSTEIN	20030802	4	0.2	1.01	27	-10	260	1.2	-2	0.26	-0.5	17	45	38	4.4	-10	-1	0.09	30	0.24	753	1	0.01	62	360	27	-0
NA15526	579055	7012904	STEWART	HULSTEIN	20030802	7	-0.2	3.13	-2	-10	790	0.9	-2	0.96	-0.5	15	176	379	5.8	10	-1	1.34	90	1.68	901	14	0.01	42	3290	8	0.11
NA15527	579068	7012954	STEWART	HULSTEIN	20030802	2	-0.2	3.06	10	-10	320	-0.5	-2	0.17	-0.5	25	70	26	5.37	10	-1	0.92	30	1.26	668	-1	0.01	60	290	8	0.01
NA15528	579063	7012912	STEWART	HULSTEIN	20030802	14	-0.2	4.94	5	-10	700	1.1	-2	0.89	-0.5	34	160	204	7.7	20	-1	2.39	110	3.49	944	2	0.03	96	2920	11	0.02
NA15530	579006	7012889	STEWART	HULSTEIN	20030802	1	-0.2	2.19	10	-10	260	0.5	-2	0.25	-0.5	15	43	37	4.54	10	-1	0.79	40	0.83	311	-1	0.01	37	340	18	0.01
NA15531	578919	7013295	STEWART	HULSTEIN	20030802	9	0.2	1.06	46	-10	270	0.7	-2	0.19	-0.5	21	38	57	4.97	-10	-1	0.06	20	0.28	733	3	0.01	42	460	12	-0
NA15532	578921	7013303	STEWART	HULSTEIN	20030802	22	0.2	1.36	42	-10	600	1.2	2	0.42	-0.5	32	44	231	6.55	10	-1	0.43	40	0.6	1075	8	-0	87	1190	21	-0
NA15534	578883	7013349	STEWART	HULSTEIN	20030802	4	-0.2	1.82	5	-10	260	0.5	-2	0.19	-0.5	17	40	47	4.15	10	-1	0.37	40	0.63	365	1	0.01	39	220	10	-0
NA15535	578951	7013261	STEWART	HULSTEIN	20030802	2	0.2	2.34	-2	-10	320	0.8	-2	0.45	-0.5	14	41	56	4.72	10	-1	0.55	120	0.76	340	-1	0.01	45	930	18	-0
NA15821	588443	7009935	STEWART	BOYER	20030803	1	-0.2	4.85	-2	-10	520	0.5	-2	1.66	-0.5	16	29	343	6.14	10	-1	0.42	20	1.39	386	3	0.03	13	1290	4	-0
NA15822	588443	7009935	STEWART	BOYER	20030803	2	-0.2	2.92	-2	-10	240	-0.5	-2	1.4	-0.5	19	18	220	4.91	10	-1	0.13	10	1.14	551	2	0.08	9	1650	4	-0
NA15823	588443	7009935	STEWART	BOYER	20030803	2	-0.2	4.47	-2	-10	620	0.5	-2	1.7	-0.5	29	22	398	5.89	10	-1	0.6	20	1.64	506	3	0.03	13	2690	11	-0
NA16145	577713	7011293	STEWART	FRANKLIN	20030802	112	-0.2	2.9	-2	-10	770	-0.5	-2	0.58	-0.5	24	77	376	4.03	10	-1	0.74	10	2.91	2490	2	0.02	32	880	5	0.01
NA16149	591652	6999749	STEWART	FRANKLIN	20030803	5	-0.2	2.37	-2	-10	560	0.6	-2	0.16	-0.5	12	43	248	4.49	10	-1	0.85	30	1.16	385	2	0.02	23	1120	9	0.17
NA16234	591456	6999807	STEWART	FRANKLIN	20030803	12	-0.2	2.68	3	-10	340	0.8	-2	0.11	-0.5	30	4	893	5.8	10	-1	0.78	70	0.56	192	1	0.02	8	1410	5	0.6
NA14098	589473	6989236	LJ	FRANKLIN	20030808	7	-0.2	1.78	5	-10	340	0.5	-2	0.62	-0.5	10	33	42	3.06	-10	-1	0.18	20	0.71	413	1	0.03	27	630	33	0.05
NA14099	589412	6989314	LJ	FRANKLIN	20030808	11	-0.2	2.66	29	-10	550	1	-2	0.73	0.6	14	53	79	4.64	10	-1	0.45	40	1.22	728	4	0.02	58	1750	152	0.1
NA12369	589677	7001249	STEWART	FLEMING	20030615	2	-0.2	2.03	7	-10	260	-0.5	-2	0.32	-0.5	11	28	26	3.2	10	-1	0.15	20	0.74	390	-1	0.02	21	450	6	0.01
NA12370	589811	7001397	STEWART	FLEMING	20030615	2	-0.2	2.44	5	-10	410	-0.5	-2	0.44	-0.5	16	26	77	4.7	10	-1	0.41	10	1.09	499	-1	0.03	20	430	26	0.01
NA12371	589945	7001545	STEWART	FLEMING	20030615	4	-0.2	2.3	7	-10	260	-0.5	-2	0.41	-0.5	13	32	35	3.69	10	-1	0.14	20	0.9	565	-1	0.02	25	300	8	0.01
NA12372	590086	7001680	STEWART	FLEMING	20030615	3	-0.2	2.46	10	-10	230	-0.5	-2	0.32	-0.5	16	33	35	3.59	10	-1	0.12	10	0.77	405	-1	0.02	31	360	11	0.01
NA12373	590273	7001757	STEWART	FLEMING	20030615	-1	-0.2	2.9	11	-10	210	0.5	-2	0.31	-0.5	22	28	52	5.4	10	-1	0.17	10	1.3	470	-1	0.02	21	610	8	0.01
NA12374	590469	7001804	STEWART	FLEMING	20030615	1	-0.2	2.62	7	-10	210	0.5	-2	0.24	-0.5	16	25	45	3.63	10	-1	0.13	20	0.83	537	1	0.01	19	260	23	0.01
NA12375	590666	7001821	STEWART	FLEMING	20030615	2	-0.2	2.93	2	-10	380	0.5	-2	0.48	0.5	35	8	304	6.97	10	-1	1.27	10	1.91	671	-1	0.05	7	340	4	0.01
NA12376	590861	7001857	STEWART	FLEMING	20030615	-1	-0.2	2.87	4	-10	170	0.7	-2	0.27	-0.5	24	26	48	6.2	10	-1	0.25	10	1.52	588	-1	0.03	12	250	4	0.01
NA12377	591053	7001860	STEWART	FLEMING	20030615	-1	-0.2	1.86	4	-10	240	-0.5	-2	0.28	-0.5	20	10	85	4	10	-1	0.72	10	1.22	738	-1	0.02	6	530	4	0.01
NA12378	591255	7001862	STEWART	FLEMING	20030615	6	-0.2	2.28	10	-10	210	0.5	-2	0.19	-0.5	14	33	174	3.67	10	-1	0.14	20	0.76	386	-1	0.02	22	210	6	0.01
NA12379	591445	7001935	STEWART	FLEMING	20030615	2	-0.2	2.6	8	-10	290	0.5	-2	0.16	-0.5	18	28	104	4.81	10	-1	0.28	10	0.72	542	-1	0.01	18	300	6	0.01
NA12380	591604	7002055	STEWART	FLEMING	20030615	-1	-0.2	2.52	4	-10	290	1	-2	0.31	-0.5	14	19	24	4.27	10	-1	0.05	10	0.96	450	-1	0.03	13	270	8	0.01
NA12381	591645	7002245	STEWART	FLEMING	20030615	1	-0.2	1.53	4	10	210	1.3	-2	0.53	0.6	28	14	36	7.5	10	-1	0.18	10	0.55	817	-1	0.05	13	670	3	-0
NA12382	591648	7002441	STEWART	FLEMING	20030615	1	-0.2	2.14	7	-10	200	0.5	-2	0.3	-0.5	12	29	24	3.47	10	-1	0.06	10	0.55	300	-1	0.02	20	300	7	0.01
NA12383	591781	7002610	STEWART	FLEMING	20030615	3	-0.2	2.32	9	-10	220	-0.5	-2	0.29	-0.5	11	35	25	3.51	10	-1	0.06	10	0.58	332	-1	0.02	20	230	7	0.01
NA12384	591915	7002754	STEWART	FLEMING	20030615	1	-0.2	1.13	2	-10	70	1.1	-2	0.6	-0.5	18	2	31	5.47	10	-1	0.08	10	0.75	1315	-1	0.05	3	680	2	-0
NA12385	592076	7002900	STEWART	FLEMING	20030615	3	-0.2	2.08	10	-10	250	0.5	-2	0.21	-0.5	12	32	21	3.37	10	-1	0.06	10	0.5	289	-1	0.02	24	210	8	0.01
NA12386	592109	7003089	STEWART	FLEMING	20030615	2	-0.2	2.42	11	-10	210	0.7	-2	0.31	-0.5	17	28	28	4.94	10	-1	0.08	10	0.57	370	2	0.02	16	320	9	0.01
NA12387	592114	7003292	STEWART	FLEMING	20030615	5	-0.2	2.56	20	-10	680	1	-2	0.61	0.5	18	21	134	7.11	10	-1	0.4	20	1.08	1350	1	0.03	12	1150	18	0.01
NA12388	592117	7003495	STEWART	FLEMING	20030615	1	-0.2	2.24	10	-10	200	-0.5	-2	0.31	-0.5	12	29	25	3.56	10	-1	0.07	10	0.56	445	2	0.01	17	340	14	0.01
NA12390	592219	7003707	STEWART	FLEMING	20030615	1	-0.2	2.37	11	-10	240	-0.5	-2	0.33	-0.5	13	40	30	3.92	10	-1	0.09	10	0.77	317	-1	0.02	20	230	7	0.01
NA12391	592373	7003795	STEWART	FLEMING	20030615	1	-0.2	2.99	6	-10	210	0.5	-2	0.98	-0.5	21	43	69	4.59	10	-1	0.18	10	1.77	667	1	0.02	23	1270	6	0.01
NA12392	592548	7003953	STEWART	FLEMING	20030615	-1	-0.2	2.71	3	-10	210	0.5	-2	1.04	-0.5	12	13	12	3.55	10	1	0.13	10	0.84	354	-1	0.03	8	380	6	-0
NA12393	592688	7004090	STEWART	FLEMING	20030615	2	-0.2	2.18	4	-10	150	-0.5	-2	0.35	-0.5	10	25	17	3.77	10	1	0.09	10	0.6	275	-1	0.02	13	500	6	0.01
NA10650	588173	7005226	STEWART	LINLEY	20030615	3	-0.2	2.37	10	-10	220	0.6	2	0.26	-0.5	14	35	17	3.75	10	-1	0.06	10	0.67	503	1	0.01	19	420	10	0.01
NA10651	588370	7005266	STEWART	LINLEY	20030615	2	-0.2	1.78	10	-10	200	0.6	-2	0.31	-0.5	11	35	25	3.1	10	-1	0.06	20	0.55	491	-1	0.02	21	340	9	0.01
NA10652	588538	7005362	STEWART	LINLEY	20030615	1	-0.2	1.98	8	-10	180	0.7	-2	0.28	-0.5	11	35	22	3.02	10	-1	0.05	20	0.55	673	-1	0.02	23	410	10	0.01
NA10653	588649	7005521	STEWART	LINLEY	20030615	4	-0.2	2.28	9	-10	220	0.9	-2	0.29	-0.5	12	35	21	3.4	10	1	0.06	20	0.57	540	1	0.02	23	490	8	0.01
NA10654	588835	7005456	STEWART	LINLEY	20030615	2	-0.2	1.04	5	-10	90	-0.5	-2	0.12	-0.5	5	19	18	1.99	10	1	0.03	10	0.23	160	1	0.02	11	470	8	0.03
NA10655	588902	7005264	STEWART	LINLEY	20030615	3	-0.2	1.7	8	-10	200	-0.5	-2	0.34	-0.5	8	36	22	2.73	-10	1	0.04	20	0.56	298	-1	0.02	20	330	6	0.01
NA10656	588932	7005063	STEWART	LINLEY	20030615	2	-0.2	2.14	12	-10	210	0.6	-2	0.23	-0.5	10	36	20	3.04	10	-1	0.05	10	0.55	399	1	0.01	21	300	10	0.01
NA10657	589091	7004925	STEWART	LINLEY	20030615	-1	-0.2	1.73	5	-10	160	0.5	-2	0.36	-0.5	9	31	19	2.73	10	-1	0.05	20	0.51	361	-1	0.02	18	490	7	0.01
NA10658	589276	7004835	STEWART	LINLEY	20030615	5	-0.2	1.68	9	-10	160	-0.5	-2	0.25	-0.5	8	31	17	2.47	-10	-1	0.04	10	0.46	304	-1	0.01	18	340	6	0.01
NA10659	589476	7004797	STEWART	LINLEY	20030615	2	-0.2	1.69	5	-10	180	-0.5	-2	0.34	-0.5	9	33	20	2.51	-10	-1	0.04	10	0.53	286	-1	0.02	19	460	7	0.01
NA10660	589681	7004800	STEWART	LINLEY	20030615	3	-0.2	2.31	8	-10	180	-0.5	-2	0.23	-0.5	10	39	20	3.19	10	-1	0.04	10	0.55	285	1	0.01	22	220	6	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOISTURE	SLOPE	ENVIR	FROZEN	DOM RX	S QUAL	NOTES
NA15525	-2	14	50	0.01	-10	-10	50	-10	73	OR	QE	0.6	M		B	M	L	F	BDR	N	SCH	H	FOLLOW UP ON NA12355. RUSTY-LIMONITE ORANGE COLOR, FRIABLE SOIL WITH QTZ GRAINS (& MINOR MUSC?). ENVIRONMENT: RIDGE IN SADDLE
NA15526	-2	5	522	0.4	-10	-10	256	-10	80	BN	QE	0.3	M		B	M	L	F	BDR	N	SCH	H	FOLLOW-UP ON NA12355, AT SAMPLE SITE. SAMPLE 15526 FROM SMALL 0.5 BY 0.5 HAND PIT. MED. BROWN -SLIGHTLY RUSTY SL. OUTCROP OF QTZ-BIO SCHIST LESS THAN 2M AWAY. RK TYPE: QTZ-BIO SCHIST
NA15527	-2	6	20	0.22	-10	-10	92	-10	124	BN	QE	0.3	M		B	M	L	G	BDR	N	SCH	M	RK TYPE: BIO-QTZ SCHIST
NA15528	2	11	126	0.43	-10	-10	383	-10	97	BN	QE	0.5	M		C	M	L	G	BDR	N	SCH	H	RK TYPE: QTZ-BIO SCHIST AND AMP BANDS
NA15530	-2	6	20	0.17	-10	-10	58	-10	95	BN	QE	0.5	M		B	M	L	M	COL	N	SCH	M	RK TYPE: BIO-QTZ SCHIST
NA15531	2	10	24	0.04	-10	-10	120	-10	93	TA	QE	0.35	M		B	M	L	F	BDR	N	SCH	H	SANDY SL. RK TYPE: BIO SCHIST
NA15532	-2	16	33	0.05	-10	-10	162	-10	170	TA	QE	0.8	M		C	M	L	F	BDR	N	SCH	H	RK TYPE: BIO SCHIST
NA15534	2	5	22	0.14	-10	-10	56	-10	74	BN	QE	0.3	M		B	M	L	G	BDR	N	SCH	H	RK TYPE: BIO SCHIST
NA15535	-2	7	31	0.09	-10	-10	43	-10	102	BN	QE	0.6	M		C	M	M	F	BDR	N	SCH	H	RK TYPE: BIO SCHIST. BANDYS OF LIMONITE COLOR-TINGE
NA15821	-2	12	202	0.13	-10	-10	118	-10	151	OR	QE	0.5	M	4	C	L	L	M	BDR	N	SCH	H	RK TYPE: QTZ-BIO-MUS SCHISTS SEE CARD NA15821 FOR DETAILS ON LAYOUT OF SAMPLES NA15821-15826.
NA15822	-2	19	78	0.18	-10	-10	126	-10	90	BK	QD	0.75	M	2	C	L	L	M	BDR	N	AMP	H	0.7-0.8M SAMPLE DEPTH. SAME LOCATION AS NA15821
NA15823	-2	17	391	0.22	-10	-10	129	-10	217	OR	QE	0.2	M	2	C	L	M	M	BDR	S	SCH	H	SAME LOCATION AS NA15821
NA16145	-2	6	22	0.22	-10	-10	106	-10	55	BN	QD	0.5	M	0	C	L	M	F	BDR	N	SCH	H	DUG HOLE AT SAMPLE NA11859 TO CHECK ANOMALY-NOT IMPRESSIVE. FEL-BIO-AMP SCHIST
NA16149	-2	13	21	0.14	-10	-10	138	-10	41	TA	QE	0.55	M		C	L	L	F	BDR	N	SCH	H	BIO-FEL-QTZ SCHIST SAMPLED BOTTOM OF PIT WITH AUGER. START AT .55M END AT .8M. PREVIOUS SAMPLE NA12021- SAME SPOT
NA16234	-2	9	70	0.08	-10	-10	29	-10	70	BF	QL	0.75	M		C	L	L	F	BDR	N	SCH	H	PIT AT NA12020. SAMPLED WITH AUGER AT PIT BOTTOM FROM 0.75-0.9 M.
NA14098	-2	6	42	0.13	-10	-10	65	-10	83	GN	QE	0.75	M	5	C	L	H	G	BDR	P	AMP	L	PARTIALLY FROZEN FROM 75-100 CM DIFFICULT TO TELL IF THERE IS LOESS CONTAMINATION BUT IT IS EXPECTED THAT THERE IS
NA14099	2	7	45	0.14	-10	-10	114	-10	312	BF	OR	0.15	M		C	M	M	G	BDR	N	SCH	H	UNEXPECTEDLY SHALLOW SOIL - UNUSUALLY SO FOR THIS AREA AUGERED DOWN TO 1M & GOOD SOIL PERSISTS MICACEOUS SOIL
NA12369	-2	6	21	0.12	-10	-10	68	-10	56	BN	QE	0.3	M	5	C	M	M	G	BDR	S		M	
NA12370	-2	11	25	0.2	-10	-10	138	-10	136	OR	QU	0.4	M		C	L	L	G	BDR	N		H	
NA12371	-2	10	30	0.17	-10	-10	77	-10	84	BN	QE	0.4	M		C	L	M	G	BDR	N		H	
NA12372	-2	6	21	0.15	-10	-10	77	-10	83	BN	QE	0.2	M	5	C	M	M	G	BDR	N		M	
NA12373	-2	12	19	0.22	-10	-10	180	-10	77	OR	QD	0.5	M		C	L	L	G	BDR	N		H	
NA12374	-2	5	30	0.12	-10	-10	62	-10	125	OR	QE	0.4	M		C	L	L	G	BDR	N		H	
NA12375	-2	14	26	0.46	-10	-10	264	-10	67	BN	QD	0.5	M		C	L	L	G	BDR	N		H	
NA12376	-2	14	17	0.19	-10	-10	155	-10	68	OR	QD	0.4	M		C	L	L	G	BDR	N		H	
NA12377	-2	7	11	0.26	-10	-10	99	-10	57	BN	QE	0.4	M		C	L	L	G	BDR	N		H	
NA12378	-2	8	18	0.13	-10	-10	76	-10	58	OR	QD	0.3	M		C	M	M	G	BDR	N		H	
NA12379	-2	10	13	0.17	-10	-10	69	-10	78	OR	QD	0.3	M		C	M	L	F	BDR	N		H	
NA12380	-2	12	50	0.18	-10	-10	134	-10	74	BN	QE	0.3	M		C	M	L	G	BDR	N		H	
NA12381	-2	22	27	0.08	-10	-10	192	-10	95	OR	QU	0.6	M		C	M	M	G	BDR	N		H	
NA12382	-2	6	22	0.1	-10	-10	81	-10	56	OR	QU	0.2	M	10	B	M	M	G	BDR	N		M	
NA12383	-2	6	23	0.11	-10	-10	77	-10	63	BN	QE	0.3	M	10	B	H	H	M	BDR	S		M	
NA12384	-2	20	22	0.09	-10	-10	97	-10	48	BN	QE	0.6	M		C	L	L	G	BDR	N		H	
NA12385	-2	4	19	0.09	-10	-10	69	-10	55	OR	QU	0.3	M	5	C	M	M	M	BDR	N		M	FIRE RETARDANT IN AREA
NA12386	-2	9	24	0.08	-10	-10	114	-10	69	OR	QE	0.2	M	10	B	M	H	M	BDR	S		M	
NA12387	-2	34	40	0.11	-10	-10	164	-10	280	OR	QE	0.4	M		C	L	L	M	BDR	S		H	
NA12388	-2	6	21	0.12	-10	-10	77	-10	68	OR	QD	0.2	M	10	B	M	M	F	BDR	N		M	
NA12390	-2	7	24	0.11	-10	-10	96	-10	60	OR	QE	0.2	M	10	B	M	M	G	BDR	N		M	
NA12391	-2	6	77	0.3	-10	-10	112	-10	80	OR	QD	0.3	M	5	C	L	L	M	COL	N		H	
NA12392	-2	11	93	0.17	-10	-10	41	-10	42	OR	QU	0.5	M		C	L	L	M	COL	N		H	
NA12393	-2	6	24	0.12	-10	-10	66	-10	67	OR	QD	0.3	M	5	C	L	H	M	COL	S		H	
NA10650	-2	6	33	0.1	-10	-10	92	-10	70	BN		20	I		B	H	H	F	BDR	S		M	
NA10651	-2	7	28	0.1	-10	-10	80	-10	64	BN		30	I	1	B	H	H	G	BDR	S		M	
NA10652	-2	7	28	0.1	-10	-10	81	-10	69	BN		20	I	1	B	H	H	G	BDR	S		M	
NA10653	-2	8	26	0.09	-10	-10	79	-10	70	BN		30	I	1	B	H	H	G	BDR	S		M	
NA10654	-2	1	13	0.03	-10	-10	50	-10	30	BN		5	I	10	A	L	L	G	BDR	S		L	
NA10655	-2	6	32	0.11	-10	-10	69	-10	52	BN		30	I	1	B	H	H	G	BDR	S		M	
NA10656	-2	6	22	0.09	-10	-10	69	-10	55	BN		65	I		B	H	H	G	BDR	S		M	
NA10657	-2	6	37	0.11	-10	-10	72	-10	56	BN		30	I		B	H	H	M	BDR	S		M	
NA10658	3	5	24	0.1	-10	-10	62	-10	48	BN		20	I	1	B	H	H	G	BDR	N		M	
NA10659	-2	5	40	0.11	-10	-10	63	-10	49	BN		15	I	1	B	H	H	M	BDR	N		M	
NA10660	2	5	20	0.12	-10	-10	76	-10	52	BN		20	I		B	H	H	G	BDR	N		M	

STEWART-THISTLE 2003 SOILS

SAMPLE ID	UTM EAST	UTM NORTH	PROPERTY	SAMPLER	SAMPLE DATE	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	B (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Co (ppm)	Cr (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Hg (ppm)	K (%)	La (ppm)	Mg (%)	Mn (ppm)	Mo (ppm)	Na (%)	Ni (ppm)	P (ppm)	Pb (ppm)	S (%)
NA10661	589853	7004883	STEWART	LINLEY	20030615	3	-0.2	1.85	7	-10	240	-0.5	-2	0.44	-0.5	10	35	24	2.74	10	-1	0.05	20	0.58	270	1	0.02	23	520	8	0.01
NA10662	590043	7004940	STEWART	LINLEY	20030615	2	-0.2	2.11	5	-10	220	-0.5	-2	0.33	0.5	9	36	20	2.84	10	-1	0.05	10	0.53	251	1	0.02	19	410	9	0.01
NA10663	590242	7004988	STEWART	LINLEY	20030615	-1	-0.2	1.32	6	-10	120	-0.5	-2	0.18	-0.5	7	24	14	2.71	10	-1	0.06	10	0.4	311	1	0.01	13	460	11	0.01
NA10664	590436	7005036	STEWART	LINLEY	20030615	3	-0.2	1.86	6	-10	200	-0.5	-2	0.35	-0.5	9	31	18	2.84	10	-1	0.05	20	0.57	236	-1	0.02	16	300	8	0.01
NA10665	590617	7004969	STEWART	LINLEY	20030615	1	-0.2	2.38	7	-10	330	0.5	-2	0.3	-0.5	22	24	23	4.59	10	-1	0.31	20	1.12	536	-1	0.02	15	400	7	0.01
NA10666	590823	7004908	STEWART	LINLEY	20030615	-1	-0.2	1.99	4	-10	140	-0.5	-2	0.15	-0.5	9	15	11	3.71	10	-1	0.3	20	0.69	270	1	0.01	8	240	3	0.01
NA10667	591034	7004863	STEWART	LINLEY	20030615	-1	-0.2	2.46	5	-10	110	-0.5	-2	0.89	0.6	15	23	38	5	10	-1	0.07	10	0.95	511	-1	0.11	9	400	5	-0
NA10668	591244	7004839	STEWART	LINLEY	20030615	1	-0.2	2.23	6	-10	310	-0.5	2	0.28	-0.5	12	29	26	3.58	10	-1	0.22	10	0.59	402	1	0.03	16	280	7	0.01
NA10669	591427	7004750	STEWART	LINLEY	20030615	1	-0.2	2.32	3	-10	220	-0.5	-2	0.58	0.6	12	17	50	3.47	10	-1	0.08	10	0.66	201	-1	0.07	10	120	4	-0
NA10670	591623	7004702	STEWART	LINLEY	20030615	-1	-0.2	2.31	5	-10	170	-0.5	-2	0.31	0.7	9	23	12	3.7	10	-1	0.07	10	0.53	307	1	0.02	13	720	7	0.01
NA10671	591824	7004684	STEWART	LINLEY	20030615	-1	-0.2	2.32	3	-10	280	-0.5	-2	0.27	0.7	13	18	15	4.17	10	1	0.26	10	0.58	1230	1	0.02	12	540	6	0.01
NA10672	592011	7004663	STEWART	LINLEY	20030615	-1	-0.2	2.2	5	-10	290	-0.5	-2	0.36	0.7	12	21	12	3.96	10	-1	0.55	20	0.66	659	1	0.02	10	720	6	0.01
NA10674	592200	7004645	STEWART	LINLEY	20030615	-1	-0.2	2.47	6	-10	430	-0.5	-2	0.48	0.6	12	15	8	4.44	10	-1	0.44	10	0.8	685	1	0.02	10	720	4	0.01
NA10675	592390	7004648	STEWART	LINLEY	20030615	-1	-0.2	2.67	7	-10	260	0.6	-2	0.79	-0.5	11	14	29	4.33	10	-1	0.26	10	0.79	380	-1	0.03	11	740	3	0.01
NA10676	592586	7004670	STEWART	LINLEY	20030615	-1	-0.2	2.22	7	-10	220	0.5	-2	0.4	0.8	11	23	13	3.93	10	-1	0.15	20	0.56	770	-1	0.02	15	420	6	0.01

STEWART-THISTLE 2003 SOILS

SAMPLE ID	Sb (ppm)	Sc (ppm)	Sr (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Zn (ppm)	COLOR	COLOR MOD	DEPTH	D UNITS	ORG %	S HORIZ	S CLAY	MOIS TURE	SLO PE	ENVIR	FROZ EN	DOM RX	S QUAL	NOTES
NA10661	-2	6	35	0.11	-10	-10	65	-10	55	BN		20	I	1	B	H	H	M	BDR	N		M	
NA10662	-2	5	28	0.1	-10	-10	67	-10	53	BN		40	I	1	B	H	H	S	BDR	N		M	
NA10663	2	3	19	0.09	-10	-10	68	-10	46	BN		5	I	1	A	L	L	S	BDR	N		L	
NA10664	-2	6	26	0.12	-10	-10	65	-10	49	BN		20	I		B	H	H	S	BDR	N		M	
NA10665	2	14	23	0.19	-10	-10	70	-10	55	BN		60	I		C	L	L	M	BDR	N		H	BEST SAMP OF THE DAY
NA10666	-2	15	15	0.1	-10	-10	51	-10	58	BN		30	I		C	L	L	M	BDR	N		H	
NA10667	-2	11	22	0.25	-10	-10	147	-10	60	GY		30	I		C	L	L	M	BDR	N		H	
NA10668	-2	5	17	0.16	-10	-10	78	-10	55	BN		20	I		C	L	L	M	BDR	N		H	
NA10669	-2	7	22	0.16	-10	-10	91	-10	34	GY		20	I		C	L	L	M	BDR	N		H	
NA10670	2	7	21	0.14	-10	-10	65	-10	87	RD		10	I		C	L	L	G	BDR	N		H	
NA10671	-2	5	18	0.17	-10	-10	75	-10	78	RD		18	I		C	L	L	G	BDR	N		H	
NA10672	2	4	26	0.2	-10	-10	66	-10	69	RD	BN	30	I		C	L	L	F	BDR	N		H	
NA10674	-2	7	28	0.3	-10	-10	50	-10	57	BN		25	I		C	L	L	G	BDR	N		H	
NA10675	2	10	36	0.25	-10	-10	54	-10	55	BN		15	I		C	L	M	G	BDR	N		H	
NA10676	2	8	36	0.19	-10	-10	57	-10	92	RD		30	I		C	L	L	G	BDR	N		H	