

LOG NO: 0221	RD.
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**SUMMARY REPORT**  
**ON THE**  
**STEWART PROPERTY**  
**(Stewart 6, 7 and 8 Claims)**  
**Located in the Ymir area of B.C.**  
**Nelson Mining Division**

NTS: 82F/6  
Latitude: 49° 18'  
Longitude: 117° 19'  
Owners: Minnova Inc.  
Consultants: Discovery Consultants  
Author: W.R. Gilmour  
Date: January 5, 1990

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**19,704**

**PART 1 OF 2**

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## INTRODUCTION

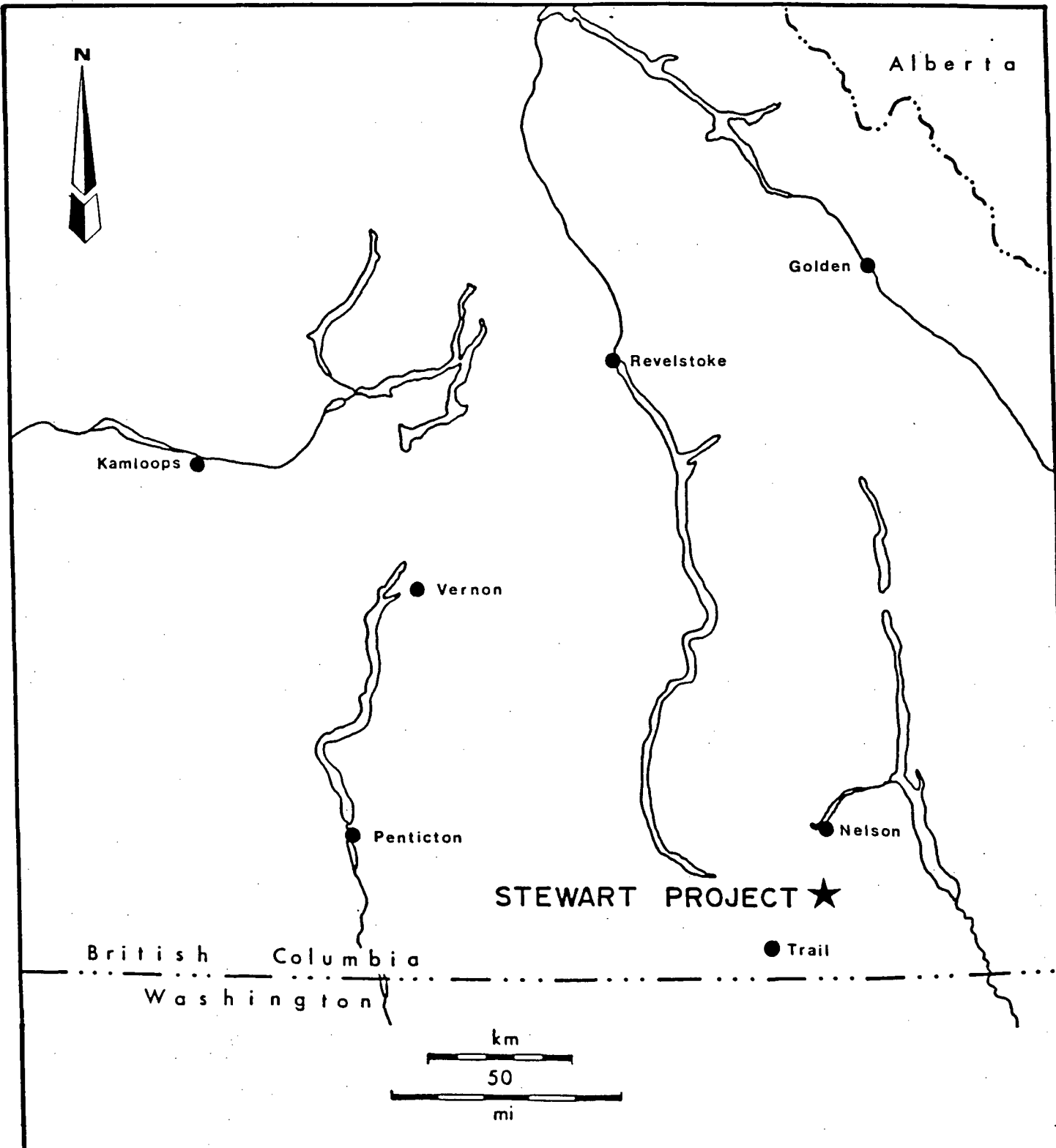
The Stewart property, which was first staked in 1978, has seen considerable exploration by various companies. In excess of \$1,000,000 has been spent on the property to date. In 1988 Minnova optioned the ground and subsequently carried out geological reconnaissance. This work involved pan concentrate sampling of major drainages and rock sampling of mineral occurrences. Their work outlined gold anomalies in pan concentrates in the northwest corner of the property.

In 1989 Discovery Consultants of Vernon, B.C. was commissioned to do follow-up exploration to locate the source of these pan concentrate gold anomalies. A program of contour soil sampling followed by geological mapping and prospecting, rock sampling and a soil geochemical grid was completed in the northwest corner of the property. This report describes the work done and discusses the results of the work.

## LOCATION AND ACCESS

The Stewart property is located approximately 28 km and 4 km west of Ymir, B.C. in the Nelson, M.D (Figure 1). Its northwest corner, the subject of this report, is located along the Stewart Creek logging road west of Stewart Pass (Figure 2). A westerly flowing tributary of Craigtown Creek cuts the most northerly part of the study area.

Access to the study area is via the Stewart Creek logging road from Highway 6 between Nelson and Ymir. It can also be reached by the Erie Creek logging road from Highway 33, 4 km west of Salmo.



**DISCOVERY** Consultants

**MINNOVA**

**STEWART PROJECT**

*LOCATION MAP*

DATE: Sept. 28/89

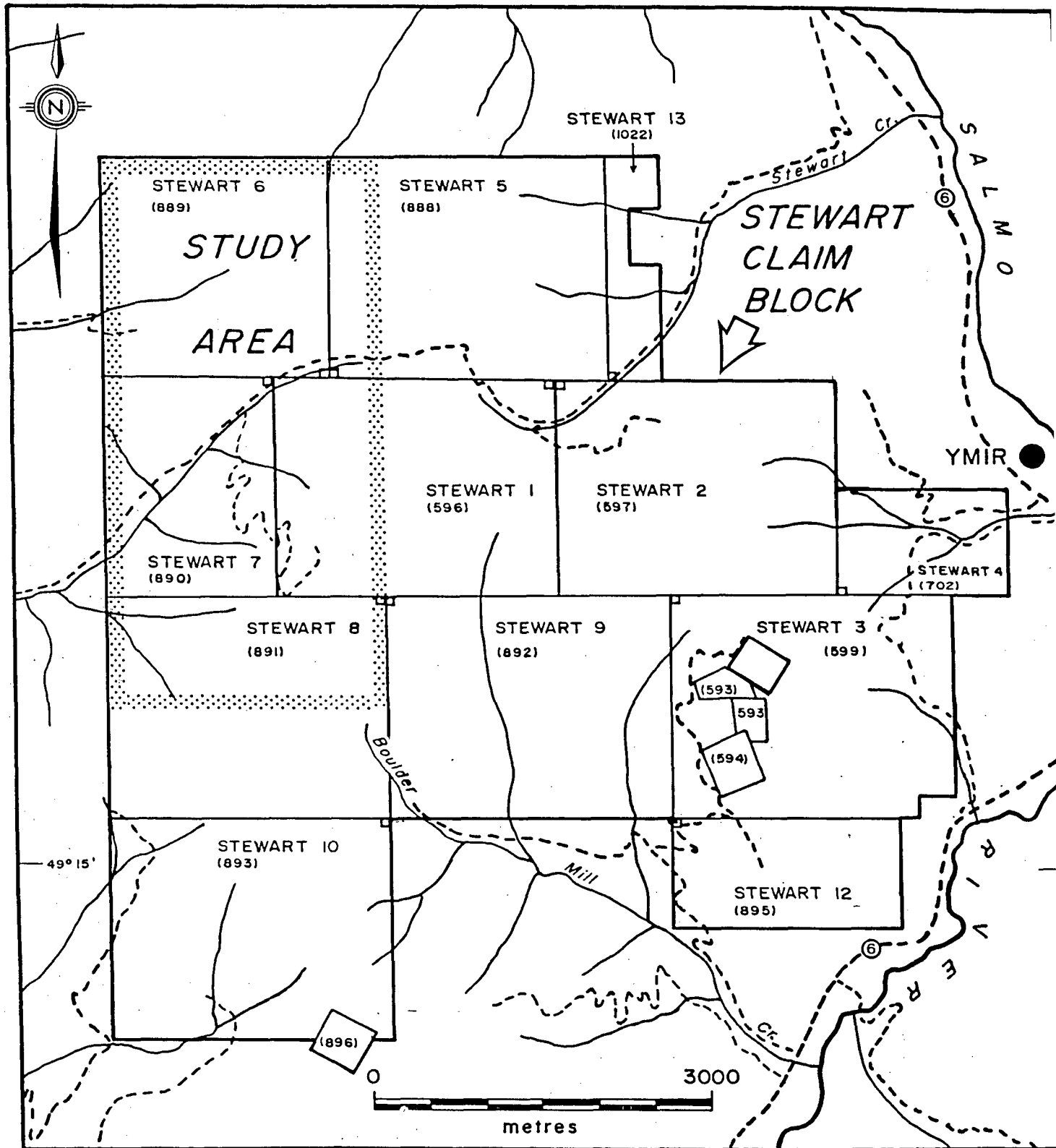
PROJECT: 519

SCALE: as shown

NTS.: 82 F/6

M.D. Nelson

FIGURE: 1



**DISCOVERY** Consultants

**MINNOVA**

**STEWART PROJECT**

**CLAIM MAP**

## PHYSIOGRAPHY

The northwest corner of the Stewart property occurs in glaciated, moderately rugged terrain with elevations ranging from 1370 to 1980 metres above sea level. Much of the area is covered by various vegetation with only the upper most ridge tops having any extensive rock exposures. The overburden is variable ranging from a few inches near the ridge tops to several metres along the drainages. Soil development varies from poor to good with the best soil development in the valley bottoms.

## PROPERTY

The Stewart property consists of 189 units in 12 claims and 3 reverted crown grants, of which, the Stewart 6, 7 and 8 claims cover the study area. Owners of the property are Eric Denny and Jack Denny of Ymir, B.C. Minnova currently holds the property under option.

The following are the particulars for the Stewart claims.

<u>Claim</u>	<u>Record Number</u>	<u>Units</u>	<u>Expiry Date</u> *
Stewart 1	596	20	April 28, 1993
Stewart 2	597	20	April 28, 1994
Stewart 3	599	20	May 8, 1993
Stewart 4	702	6	July 14, 1993
Stewart 5	888	20	November 28, 1992
Stewart 6	889	16	November 28, 1992
Stewart 7	890	20	November 28, 1992
Stewart 8	891	20	November 28, 1992
Stewart 9	892	20	November 28, 1994
Stewart 10	893	20	November 28, 1992
Stewart 12	895	8	November 28, 1993
Stewart 13	1022	4	April 24, 1993
Houlton	896	Reverted C.G.	November 28, 1994
Free Silver Ruby	593	Reverted C.G.	April 18, 1993
Royal	594	Reverted C.G.	April 18, 1993

\* assuming acceptance of this report.

## REGIONAL GEOLOGY

Recent mapping by the B.C. Geological Survey Branch (Hoy and Andrew, 1988) indicates that this area is underlain by Elise Formation volcanic rocks that have been intruded by plutonic rocks of the Nelson Intrusions. To the east clastic rocks of the Hall Formation are present. The Elise and Hall Formations are part of the Rossland Group of Lower and Middle Jurassic age.

Throughout the region the Elise volcanics are known to be host to copper-gold vein deposits. Vein and porphyry or stockwork molybdenum - copper deposits are present within or immediately adjacent to the Nelson Intrusions.

## LOCAL GEOLOGY

In the study area (Figure 3) the western half is underlain by intermediate to mafic flows and fine pyroclastic units of the Elise Formation (Unit 1). Also present is an augite porphyry. Locally these flows are amygdaloidal and at one locality some poorly preserved pillow lavas were noted. Within the volcanic assemblage are coarse pyroclastics - agglomerate or volcanic breccias (Unit 1a).

These rocks are typically green to grey green, fine-grained and massive. Locally there is some banding, particularly in the pyroclastic horizons. They are fresh, exhibiting no alteration. Locally, minor amounts of pyrite were observed.

Intruding the volcanic assemblage and underlying the eastern half of the area are various intrusive rocks. The most prominent type is a feldspar porphyry (Unit 3). This unit is best exposed along the ridge north of the Stewart Creek logging road. Also present is a quartz-feldspar porphyry (Unit 4) and a hornblende diorite (Unit 2). As with the volcanic rocks these units exhibit no alteration. Locally, trace to minor amounts of pyrite were observed in the feldspar porphyry and quartz-feldspar porphyry.

Near the northwest corner of the map area a granodiorite to quartz monzonite dyke is present (Unit 2a). It is exposed at one locality along the ridge across a width of 25 to 50 metres.

Intruding the Elise volcanics and feldspar-porphyry are narrow rhyolite dykes of Tertiary age (Unit 5). These dykes are siliceous and contain pyrite throughout, in amounts ranging from trace to 20%. These rocks also exhibit no alteration. The thickness of these dykes varies from a few centimetres to 72 metres.



## SOIL GEOCHEMISTRY

### Introduction

The initial phase of the 1989 exploration program was to do contour soil sampling upslope from the anomalous pan concentrate samples. In total, 551 contour soil samples were collected. Samples were collected at approximately 50 metre intervals along contours separated by approximately 60 metres of vertical relief (Figure 4). The results of this sampling are tabulated in Appendix 1 and Au, Ag, As, Cu and Pb values are shown in Figures 6, 8, 10, 12 and 14.

As a follow-up to the contour soil sampling a 50 metre by 25 metre grid was established over the main anomalous area outlined by the contour soil sampling. Preparatory to the sampling a 1600 metre baseline was established. Lines were turned off at 50 metre intervals with sampling at 25 metre intervals along the lines (Figure 5). A total of 422 samples was collected. Results of this work are tabulated in Appendix 2 and Au, Ag, As, Cu and Pb values are shown in Figures 7, 9, 11, 13, 15.

In both surveys, whenever possible, the "B" horizon was sampled. All samples were collected in numbered kraft paper bags from an average depth of 15 to 20 centimetres. The samples were sent to Bondar-Clegg and Company Ltd. in North Vancouver for analysis. The -80 mesh fraction was analysed for gold by the fire assay/atomic absorption method and for 29 other elements by I.C.P. methods following hot HNO<sub>3</sub>-HCl extraction. A list of elements, with detection limits and extraction and analytical methods, is tabulated in Appendix 3.

The table of results (Appendices 1 and 2) show the maximum, minimum, 1st quartile, median, 3rd quartile and 95 percentile values for each element.

### Contour Soil Sampling

A broad moderately to strongly anomalous area was outlined on the slope north of the main Stewart Creek logging road. Values within the anomalous zone ranged from 30 to 728 ppb Au. To the west an isolated value of 918 ppb Au was obtained.

South of the road a few isolated anomalous gold values were obtained. Strongly anomalous values ranged from 106 to 511 ppb Au.

Histograms were plotted for Au, As, Bi, Cu, Fe, Pb, Sb and Zn (Appendix 4). A two population distribution is shown in histograms for Au, As, Bi and Sb. This appears to be reflective of the two main rock types present - andesitic volcanics and intrusive phases of the Nelson Batholith, including the younger rhyolite dykes. Histograms for Pb, Zn, Fe and Cu show normal population, although slightly skewed.

Scatter diagrams for Au versus As, Cu, Fe, Mn, Pb and Zn (Appendix 5) were also plotted. These diagrams exhibit a random distribution and therefore little or no correlation between gold and any of these elements.

The re-analysis of selected samples has indicated that lab report V89-05228.0 (sample numbers 578-797) has some significant errors, especially in the As values. The As values are too high by a factor of at least 10 times.

### Grid Soil Sampling

The grid geochemical soil survey outlined a north-south trending linear gold anomaly downslope from a rhyolite dyke exposed on the ridge (Figure 7). Several small anomalies were also delineated. These may also be related to unexposed rhyolite dykes. Strongly anomalous gold values are those greater than 230 ppb and moderately anomalous values are those greater than 85 ppb. Values in soils range from less than 5 ppb to 1100 ppb.

Plots for arsenic (Figure 11) and copper (Figure 13) show a distinct correlation of anomalous values with the intrusive rock. A small copper anomaly in the volcanics may possibly be related to minor chalcopyrite observed in talus on float upslope from the anomaly.

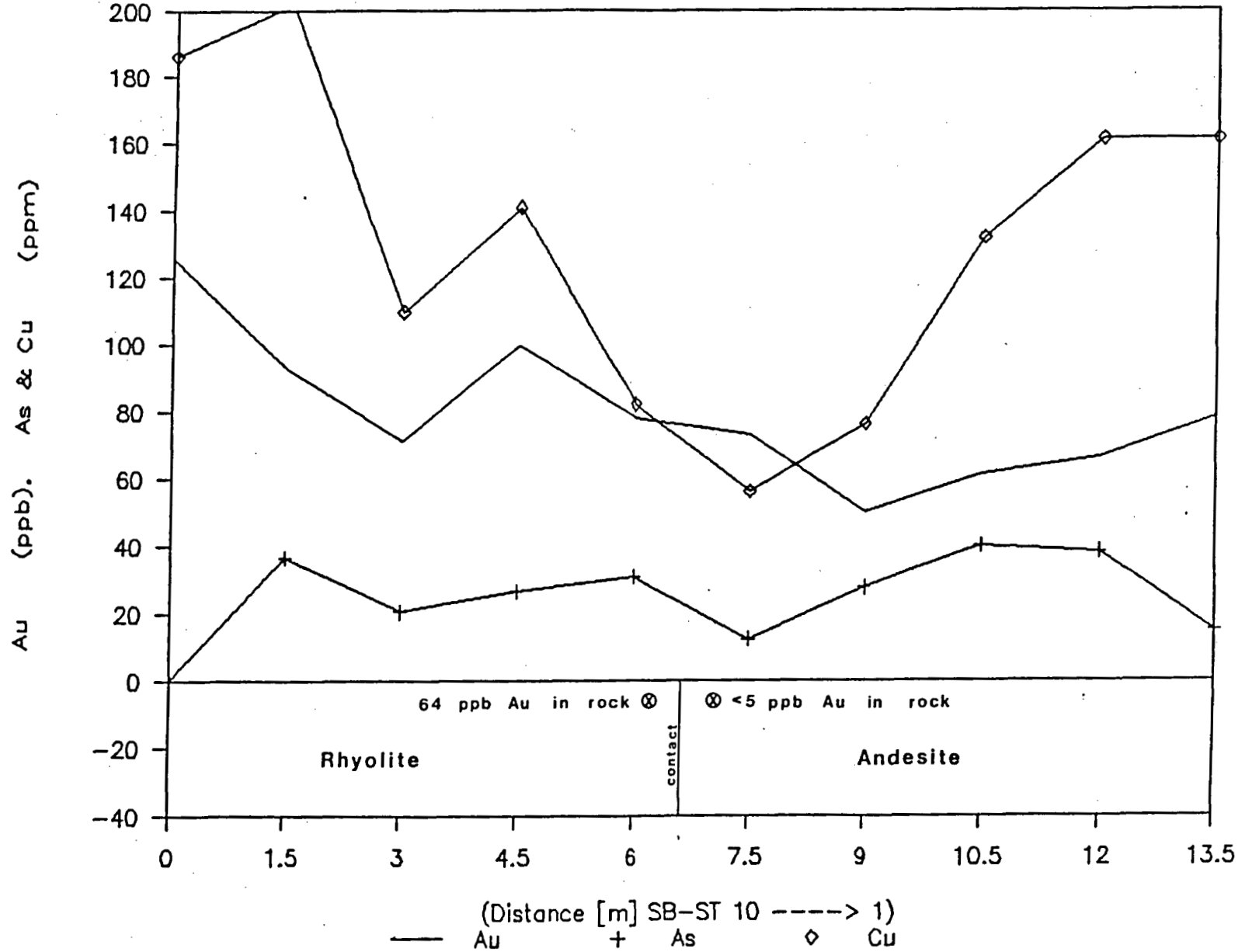
Histograms were plotted for Au, As, Bi, Cu, Fe, Pb and Zn (Appendix 6). Gold and bismuth indicate the presence of two or more populations. The other elements show a normal distribution.

Scatter diagrams were plotted for Au versus As, Cu, Fe, Mn, Pb, Zn (Appendix 7). There is a suggestion of a weak correlation between gold and iron. There does not appear to be any correlation between gold and any of the other elements.

In addition to the grid survey an orientation profile consisting of 10 samples was completed over exposures of rhyolite and andesite located along the Stewart Creek road (Sample site SB-ST89-8). Samples were collected at 1.5 metres intervals from the "C" horizon immediately above outcrop. The profile across the contact between these two rock types indicates elevated gold

# Project 519 – STEWART

Figure 2A: Orientation Soil Profile for Au, As, Cu



values over the rhyolite (Figure 2a). Rock samples collected from these rocks also indicates the presence of higher gold values in the rhyolite. Profiles for copper and arsenic show no distinct difference over the two rock types. The arsenic profile is flat while the copper profile fluctuates with the lowest values occurring at the rhyolite-andesite contact.

The source of gold appears to be the pyrite in the rhyolite. Weathering of the pyrite and subsequent enrichment give rise to the soil geochemical anomalies. Most of the soils in the area are reddish-brown colour and probably limonitic. A possible explanation for the observed anomalies is that gold is scavenged by the iron oxides and subsequently enriched in the soil.

### ROCK GEOCHEMISTRY

Several rock samples of outcrop and float were collected from various localities in the study area. The majority of rock types were sampled. All results are shown in Table 1 and also on Figure 3.

Samples containing elevated to anomalous gold values were from the volcanic rocks and rhyolite dykes. The highest gold values were obtained from material that contained appreciable amounts of pyrite. A single value containing 0.041 ounces/ton gold was obtained from a float sample containing abundant rhyolite pebbles located at the location of a contour soil sample that returned a value of 981 ppb gold.

Date of Report: 30-Nov-89

Project 519

STEWART

Table 1.

Rock Sampling Results  
(1989)

Reference: v89-06754.0

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
SB-ST89-2	<5	<0.2	<5	28	<2	10	59	63	2.75	527	<1	11	<2	<5	33
SB-ST89-3	<5	<0.2	<5	11	<2	<1	87	6	0.62	86	<1	2	35	<5	13
SB-ST89-4	<5	<0.2	12	33	2	15	73	88	2.76	340	4	12	<2	<5	27
SB-ST89-5	<5	<0.2	<5	115	<2	3	32	19	1.34	1044	<1	4	<2	<5	93
SB-ST89-6	80	0.4	15	27	<2	9	61	150	3.69	368	12	10	54	<5	146
SB-ST89-7	<5	<0.2	65	27	3	45	74	48	2.12	220	<1	17	<2	<5	18
SB-ST89-8	<5	<0.2	<5	48	3	30	118	150	4.12	259	12	47	<2	<5	21
SB-ST89-8A	64	<0.2	15	40	2	21	39	182	3.65	268	2	4	<2	<5	19
SB-ST89-9	<5	<0.2	14	410	<2	13	249	12	2.68	592	5	73	13	<5	50
Z-89-519-01	16	0.2	13	355	2	19	52	62	4.46	982	<1	14	<2	<5	84
Z-89-519-02	23	<0.2	<5	38	5	22	90	206	6.69	677	<1	44	<2	<5	51
Z-89-519-03	<5	<0.2	<5	12	<2	<1	156	7	0.91	98	<1	7	4	<5	20
Z-89-519-04	<5	<0.2	<5	23	<2	<1	82	5	0.77	221	1	4	33	<5	38
Z-89-519-05	<5	<0.2	16	17	<2	2	250	9	0.77	237	<1	6	4	<5	22
Z-89-519-06	<5	0.2	<5	254	<2	25	129	127	4.30	273	10	49	<2	<5	114
Z-89-519-07	<5	<0.2	<5	94	<2	8	104	24	2.25	426	3	25	5	<5	45
Z-89-519-08	8	<0.2	<5	62	3	3	53	35	2.66	306	<1	6	3	<5	21
Z-89-519-09	33	<0.2	14	88	6	8	58	128	5.09	465	2	8	<2	<5	33
Z-89-519-10	68	<0.2	<5	146	2	9	59	74	3.92	379	2	8	<2	<5	30
Z-89-519-11	<5	<0.2	<5	39	<2	3	67	14	1.47	337	<1	10	58	<5	32
Z-89-519-12	293	<0.2	<5	57	5	15	329	17	5.30	697	14	116	<2	<5	58
Z-89-519-13	35	<0.2	32	83	<2	16	71	19	3.71	758	1	18	<2	<5	43
Z-89-519-14	8	0.4	11	221	4	11	28	154	6.95	341	2	3	<2	<5	41
Z-89-519-15	1406	0.2	13	238	<2	22	184	118	4.88	425	2	53	<2	<5	42
Z-89-519-16	31	<0.2	<5	68	<2	12	168	18	2.20	353	<1	38	<2	<5	34
Z-89-519-17	229	<0.2	10	36	<2	12	46	117	3.39	430	5	10	4	<5	42
Z-89-519-18	<5	<0.2	<5	61	<2	4	87	33	3.66	356	2	20	<2	<5	55
Z-89-519-19	7	<0.2	21	105	9	42	317	147	7.23	1323	<1	137	<2	<5	92
Z-89-519-20	49	1.6	7	13	4	5	260	124	2.91	78	6	10	7	<5	9
Z-89-519-21	<5	<0.2	<5	279	7	36	203	72	5.83	908	<1	108	<2	<5	105

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
SB-ST89-2	<0.5	<1	6	9	4	10	5	4	<20	64	<10	<10	70	5	6
SB-ST89-3	<0.5	<1	35	5	16	1	9	<1	<20	5	<10	<10	<1	5	44
SB-ST89-4	<0.5	<1	7	9	4	7	5	2	<20	58	<10	<10	50	5	4
SB-ST89-5	<0.5	<1	27	11	12	2	9	2	<20	172	<10	<10	4	12	4
SB-ST89-6	<0.5	<1	13	11	6	12	6	5	<20	67	<10	<10	82	7	5
SB-ST89-7	<0.5	<1	9	9	4	6	5	3	<20	61	<10	<10	64	7	5
SB-ST89-8	<0.5	<1	6	10	2	11	6	4	<20	112	<10	<10	77	5	3
SB-ST89-8A	<0.5	<1	15	12	6	12	6	2	<20	66	<10	<10	66	11	18
SB-ST89-9	<0.5	<1	62	13	31	36	7	4	<20	56	<10	<10	49	9	2
Z-89-519-01	<0.5	<1	10	14	6	16	5	7	<20	78	<10	<10	115	7	1
Z-89-519-02	<0.5	<1	13	20	6	14	10	10	<20	89	<10	<10	155	9	6
Z-89-519-03	<0.5	<1	26	3	12	10	2	<1	<20	3	<10	<10	6	2	1
Z-89-519-04	<0.5	<1	28	4	14	2	11	<1	<20	7	<10	<10	2	13	49
Z-89-519-05	<0.5	<1	<5	6	1	3	3	<1	<20	64	<10	<10	6	2	<1
Z-89-519-06	<0.5	<1	8	14	5	44	6	3	<20	196	<10	<10	94	6	2
Z-89-519-07	<0.5	<1	12	3	5	5	2	<1	<20	27	<10	<10	7	6	3
Z-89-519-08	<0.5	<1	9	8	4	6	5	2	<20	71	<10	<10	53	5	5
Z-89-519-09	<0.5	<1	7	11	3	11	4	4	<20	65	<10	<10	92	6	5
Z-89-519-10	<0.5	<1	8	10	4	6	5	5	<20	117	<10	<10	108	8	9
Z-89-519-11	<0.5	<1	50	7	25	5	8	2	<20	23	<10	<10	6	8	16
Z-89-519-12	<0.5	<1	<5	12	1	17	5	4	<20	64	<10	<10	102	3	4
Z-89-519-13	<0.5	<1	9	16	4	11	7	9	<20	176	<10	<10	127	8	11
Z-89-519-14	<0.5	<1	<5	6	1	8	1	4	<20	47	<10	<10	138	4	<1
Z-89-519-15	<0.5	<1	5	8	3	12	4	4	<20	59	<10	<10	97	6	3
Z-89-519-16	<0.5	<1	16	11	8	8	5	4	<20	38	<10	<10	45	5	6
Z-89-519-17	<0.5	<1	9	11	4	9	6	3	<20	67	<10	<10	67	6	4
Z-89-519-18	<0.5	<1	5	12	3	12	5	5	<20	89	<10	<10	116	4	5
Z-89-519-19	<0.5	<1	8	23	4	25	16	26	<20	312	<10	<10	168	8	2
Z-89-519-20	<0.5	<1	<5	<2	<1	1	<1	1	<20	4	<10	<10	28	<1	<1
Z-89-519-21	<0.5	<1	17	17	11	22	6	12	<20	86	<10	<10	153	9	4

## CONCLUSIONS AND RECOMMENDATIONS

In the northwest corner of the Stewart property intermediate volcanic rocks of the Elise Formation have been intruded by intrusive rocks of the Nelson Batholith and younger rhyolite dykes. These rocks are unaltered and except for varying amounts of pyrite contain no other sulphide minerals except for very minor chalcOPYrite observed in talus at a single locality. A molybdenum occurrence located in the southeast corner of the study area was not investigated by this study.

Soil geochemistry, both contour and detailed grid, indicated the presence of gold anomalies north of the Stewart Creek logging road. These anomalies tend to be linear and oriented north-south. They show possible correlation with exposures of pyrite bearing rhyolite.

A possible source of the gold anomalies is interpreted to be the pyrite in the rhyolite dykes. Weathering of the pyrite may have caused an enrichment in gold in limonitic soils immediately above and downslope from the rhyolite. Rock sampling indicates that the rhyolites do contain more gold than other rock types in the area.

The lack of outcrop in the area does, however, preclude a position identification of the source of the Au anomalies. Given their broad extent and high amplitude further work is definitely warranted. In addition, the host Elise volcanics are well known for hosting Au deposits elsewhere in the area.

Follow up work utilizing IP, detailed mapping, trenching and drilling should be considered as a high priority. Other anomalies identified by the contour soil survey should also be detailed and followed up.

Respectfully submitted,



W.R. Gilmour  
January 5, 1990

## REFERENCES

Hoy, T. and Andrew, K. (1989): Geology of the Nelson Map Area, Southeastern British Columbia, Ministry of Energy, Mines and Petroleum Open File 1989-11.



STATEMENT OF COSTS

Discovery Consultants

1. Professional Services

S. Butrenchuk		
6 days @ \$400/day	2400	
S. Butrenchuk		
7 days @ \$360/day	2520	
K.L. Daughtry & Assoc. Ltd.		
1.0 days @ \$450/day	450	
W. R. Gilmour		
2.5 days @ \$400/day	<u>1000</u>	\$ 9630

2. Personnel

Linecutting

R. Anctil Sept. 8,9,10,11		
4 days @ \$232/day	928	
B. Carr Sept. 8,9,10,11		
4 days @ \$244	<u>976</u>	\$1904

Prospecting

P. Ziebart Sept. 8-14		
7 days @ \$280/day		1960

Soil Sampling

M. Beenen July 27,28,29		
3 days @ \$185	555	
R. Patrick Aug. 1-5		
5 days @ \$270	1350	
B. Carr July 29-31,		
Aug 1-5, Sept 12-17		
14 days @ \$244	3416	
C. Furlong July 27-31,		
Aug 1-5		
10 days @ \$151	1510	
P. Ziebart July 27-31,		
Aug 1-2		
7 days @ \$280	1960	
R. Anctil Sept. 12-17		
6 days @ \$232	<u>1392</u>	10183

Secretarial

Drafting

Data Compilation

698
2146
<u>1170</u>
18061

3. Expenses			
Lodging & Meals	3346		
Office	509		
Data Processing	615		
Communications	208		
Field Supplies	2366		
Equipment Rental	<u>616</u>		7660
4. Transportation			
1878 km @ .35	657		
2594 km @ .30	778		
34 days @ \$40/day	1360		
Gas	<u>1121</u>		3916
5. Analysis			
Multi Element ICP			
973 soils @ \$14.50	14108		
30 rocks @ \$14.50	435		
Sample prep			
973 @ \$1.10	1070		
40 @ \$3.75	<u>112</u>		<u>15725</u>
		Sub Total	\$ 51732

Minnova

I.D. Pirie	5 days @ \$400/day		2000
	(Supervision, orientation and report prep.)		
Travel	- air	350	
	- truck rental		
	2 days @ \$50	100	
	- gas and mileage	<u>100</u>	<u>550</u>
		<b>Total</b>	<b>\$54,282</b>

STATEMENT OF QUALIFICATIONS

I, W.R. GILMOUR of 13511 Sumac Lane, Vernon, B.C., V1B 1A1,

DO HEREBY CERTIFY THAT:

1. I am a consulting geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.
2. I have been practising my profession for 19 years.
3. I am a graduate of the University of British Columbia with a Bachelor of Science degree in geology.
4. I am a Fellow of the Geological Association of Canada.
5. This report is based upon knowledge on the Stewart property gained from direct supervision of exploration work on the property.



W.R. Gilmour

Vernon, BC  
January 5, 1990

APPENDIX 1

Project 519

STEWART

Soil Sampling Results  
(1989)

Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-01	62	0.5	11	64	<2	14	29	90	4.33	603	10	28	14	<5	183
S-02	6	0.3	12	72	<2	19	31	101	4.49	779	14	37	13	<5	322
S-03	10	1.0	<5	99	<2	15	28	70	4.45	1119	11	28	7	<5	357
S-04	<5	0.3	<5	87	<2	6	22	33	3.87	894	8	14	22	<5	114
S-05	<5	0.4	<5	124	<2	10	19	46	4.36	2113	21	16	24	<5	151
S-06	5	0.4	<5	109	<2	10	25	59	4.44	1573	27	20	12	<5	98
S-07	34	0.3	<5	81	<2	9	22	53	3.88	1377	44	20	15	<5	129
S-08	6	0.3	12	60	<2	5	39	106	7.76	326	74	14	3	<5	78
S-09	7	0.5	<5	54	<2	8	28	67	4.02	288	13	23	7	<5	128
S-10	<5	0.2	13	86	<2	31	23	123	5.15	2397	30	23	8	<5	126
S-11	<5	0.3	<5	93	<2	8	18	46	3.91	1439	43	13	12	<5	108
S-12	<5	0.3	<5	80	<2	17	24	101	4.63	1150	75	25	5	<5	139
S-13	7	0.4	<5	106	<2	9	22	41	3.77	1565	14	17	<2	<5	247
S-14	<5	0.7	<5	78	<2	4	12	27	3.40	488	7	7	13	<5	84
S-15	<5	0.6	<5	71	<2	6	16	28	3.18	1048	6	8	13	<5	131
S-16	<5	0.2	46	59	<2	5	19	31	3.15	494	9	9	13	<5	132
S-17	6	0.2	25	94	<2	26	25	160	5.13	772	21	27	<2	<5	175
S-18	<5	0.4	<5	100	<2	18	20	112	4.30	971	23	27	<2	<5	292
S-19	15	0.6	30	123	<2	14	22	90	4.69	2580	21	21	54	<5	172
S-20	<5	0.5	45	120	<2	21	25	83	4.34	2156	65	26	32	<5	251
S-21	8	0.4	25	55	<2	7	26	51	3.83	460	10	17	5	<5	106
S-22	<5	0.3	<5	46	<2	6	16	66	3.76	350	16	14	<2	<5	93
S-23	5	0.2	<5	63	<2	18	23	105	3.99	615	24	38	<2	<5	215
S-24	<5	0.4	<5	80	<2	17	20	69	3.86	1563	18	19	<2	<5	164
S-25	<5	0.2	<5	100	<2	14	26	66	4.69	1346	18	29	17	<5	343
S-26	<5	0.2	7	74	<2	12	20	74	4.19	525	7	18	<2	<5	120
S-27	6	0.3	15	93	<2	22	19	114	4.19	968	8	20	<2	<5	149
S-28	<5	0.3	33	134	<2	21	18	74	4.35	1779	10	22	11	<5	228
S-29	<5	0.3	80	118	<2	40	26	100	5.74	1429	11	47	7	<5	737
S-30	7	0.5	43	93	<2	20	22	80	4.09	1186	8	29	9	<5	239
S-31	<5	0.3	39	91	<2	23	23	80	4.71	1183	7	27	6	<5	228
S-32	<5	0.2	53	69	<2	22	21	68	3.58	1496	7	23	65	<5	248
S-33	<5	0.2	51	137	<2	25	27	78	4.44	1639	6	33	8	<5	221
S-34	6	0.2	33	123	<2	24	23	67	3.95	1240	4	30	11	<5	156
S-35	<5	0.6	28	87	<2	11	11	28	3.23	1162	2	11	12	<5	123
S-36	<5	0.2	25	121	<2	15	12	33	3.30	1598	2	13	14	<5	140
S-37	<5	0.2	28	155	<2	23	17	68	4.47	1609	4	18	<2	<5	159
S-38	<5	0.2	24	99	<2	17	14	52	4.04	1653	4	14	5	<5	158
S-39	<5	0.3	24	144	<2	22	12	70	4.55	1913	5	12	40	<5	203
S-40	15	0.3	45	149	<2	21	12	67	4.64	2820	4	12	28	<5	238

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## Soil Sampling Results (part 2)

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-01	<0.5	<1	14	8	5	14	3	3	<20	11	<10	<10	71	4	8
S-02	<0.5	<1	19	8	5	17	3	5	<20	10	<10	<10	75	5	23
S-03	<0.5	<1	15	9	6	16	3	4	<20	10	<10	<10	85	5	10
S-04	<0.5	<1	7	14	3	10	5	2	<20	17	<10	<10	73	2	8
S-05	<0.5	1	8	11	3	11	4	2	<20	12	<10	<10	68	2	13
S-06	<0.5	<1	10	12	4	12	4	2	<20	18	<10	<10	88	2	3
S-07	<0.5	<1	7	10	3	10	3	2	<20	13	<10	<10	66	2	12
S-08	<0.5	<1	7	6	3	11	3	4	<20	11	<10	<10	114	3	17
S-09	<0.5	<1	13	5	5	16	2	3	<20	11	<10	<10	60	3	15
S-10	<0.5	<1	8	7	3	19	1	3	<20	21	<10	<10	85	3	2
S-11	<0.5	<1	16	11	6	15	4	2	<20	16	<10	<10	49	2	9
S-12	<0.5	<1	17	9	6	15	3	3	<20	18	12	<10	71	4	12
S-13	<0.5	2	20	10	7	16	3	3	<20	9	<10	<10	50	4	13
S-14	<0.5	<1	18	11	8	13	3	2	<20	7	<10	<10	46	2	7
S-15	<0.5	<1	10	10	5	14	3	2	<20	9	<10	<10	42	2	14
S-16	<0.5	<1	15	8	5	14	5	2	<20	8	<10	<10	51	2	9
S-17	<0.5	<1	40	<2	10	18	<1	7	<20	18	<10	<10	90	10	15
S-18	<0.5	1	19	<2	6	17	<1	4	<20	17	<10	<10	71	6	8
S-19	<0.5	2	8	4	2	10	<1	2	<20	21	<10	<10	72	2	2
S-20	<0.5	4	21	6	14	16	3	1	<20	77	<10	<10	68	12	1
S-21	<0.5	<1	7	4	3	15	2	3	<20	9	<10	<10	70	2	9
S-22	<0.5	<1	<5	2	2	12	1	4	<20	10	<10	<10	60	3	32
S-23	<0.5	1	14	2	6	15	1	4	<20	15	<10	<10	77	6	15
S-24	<0.5	3	12	3	6	15	<1	3	<20	15	<10	<10	68	5	4
S-25	<0.5	3	8	4	2	18	<1	4	<20	16	11	<10	114	2	8
S-26	<0.5	<1	12	4	5	16	2	3	<20	13	<10	<10	72	4	12
S-27	<0.5	<1	19	4	7	16	2	5	<20	14	<10	<10	73	6	16
S-28	<0.5	1	16	5	5	17	2	3	<20	20	<10	<10	77	4	5
S-29	<0.5	5	21	6	7	21	3	5	<20	26	<10	<10	87	8	8
S-30	<0.5	2	15	7	6	13	3	3	<20	14	<10	<10	75	4	5
S-31	<0.5	<1	14	7	5	21	3	4	<20	17	<10	<10	90	4	6
S-32	<0.5	4	16	8	7	21	4	2	<20	56	<10	<10	68	8	2
S-33	<0.5	2	24	8	9	21	4	3	<20	36	<10	<10	85	6	2
S-34	<0.5	<1	20	6	10	16	3	3	<20	16	<10	<10	71	6	7
S-35	<0.5	2	<5	7	2	14	2	2	<20	16	<10	<10	47	2	12
S-36	<0.5	<1	7	8	2	15	2	2	<20	20	<10	<10	58	2	7
S-37	<0.5	<1	15	6	4	20	<1	4	<20	19	<10	<10	80	3	11
S-38	<0.5	<1	7	5	3	20	<1	3	<20	21	<10	<10	79	3	3
S-39	<0.5	2	8	8	2	21	2	4	<20	65	<10	<10	91	4	<1
S-40	<0.5	2	10	8	4	19	2	4	<20	50	<10	<10	81	5	2

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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-41	<5	0.2	38	152	<2	18	16	60	4.42	1633	4	16	6	<5	182
S-42	<5	<0.2	32	201	<2	14	12	36	3.70	2447	3	13	30	<5	187
S-43	<5	0.3	31	108	<2	20	20	85	4.27	1015	3	20	20	<5	137
S-44	<5	0.3	30	93	<2	10	17	32	3.55	1221	2	13	9	<5	109
S-45	<5	0.4	44	80	<2	10	17	42	4.09	474	3	15	8	<5	101
S-46	<5	0.3	37	97	<2	9	13	40	3.82	1382	3	12	22	<5	112
S-47	<5	0.3	45	90	<2	8	16	38	3.89	898	3	13	12	<5	107
S-48	<5	0.5	29	111	<2	6	13	23	3.82	1053	3	10	24	<5	77
S-49	<5	0.5	40	125	<2	17	25	56	4.83	1690	9	21	14	<5	147
S-50	<5	0.2	27	91	<2	10	15	33	3.24	668	6	12	6	<5	88
S-51	<5	0.4	38	89	<2	9	17	32	3.60	695	3	10	19	<5	88
S-52	<5	0.5	36	76	<2	10	24	46	4.33	405	5	14	5	<5	101
S-53	17	0.5	29	66	<2	8	20	45	3.76	549	8	15	25	<5	87
S-54	40	0.3	32	135	<2	22	20	88	4.80	1748	8	18	12	<5	204
S-55	<5	0.2	44	107	<2	17	15	55	3.95	1485	8	15	8	<5	171
S-56	<5	0.2	<5	125	<2	15	17	56	4.29	1957	4	13	<2	<5	136
S-57	<5	0.4	<5	114	<2	19	27	77	4.47	1339	4	20	2	<5	152
S-58	<5	0.4	<5	109	<2	14	24	46	3.93	1129	3	19	<2	<5	134
S-59	<5	0.2	<5	159	<2	12	35	41	4.23	574	3	18	<2	<5	125
S-60	20	0.2	11	92	<2	15	26	74	4.15	1539	12	23	16	<5	178
S-61	22	0.2	18	83	<2	18	25	83	4.58	1415	14	27	22	<5	196
S-62	13	0.4	20	85	<2	12	22	71	5.03	762	16	21	11	<5	166
S-63	27	0.3	21	97	<2	8	22	26	4.00	1231	11	16	27	<5	137
S-64	<5	<0.2	20	73	<2	5	32	30	4.02	803	7	15	21	<5	96
S-65	<5	0.3	16	70	<2	5	17	34	3.84	628	19	13	29	<5	133
S-66	<5	<0.2	25	81	<2	8	23	44	3.70	1152	12	21	23	<5	139
S-67	<5	0.4	31	61	<2	8	20	53	4.32	645	23	15	6	<5	231
S-68	<5	<0.2	24	108	<2	20	27	46	4.78	2491	31	21	10	<5	276
S-69	<5	<0.2	22	103	<2	18	26	52	4.60	1799	23	29	19	<5	268
S-70	7	<0.2	29	91	<2	26	34	68	4.50	2018	28	37	32	<5	433
S-71	<5	0.6	14	204	<2	20	17	38	4.39	2278	8	13	6	<5	265
S-72	<5	0.7	13	74	<2	4	10	42	2.52	387	7	9	63	<5	97
S-73	<5	<0.2	12	72	<2	20	29	70	4.99	859	23	31	<2	<5	249
S-74	<5	0.3	16	116	<2	16	16	42	3.62	1794	8	20	6	<5	195
S-75	<5	0.2	26	89	<2	26	41	78	5.28	1988	9	79	13	<5	713
S-76	<5	<0.2	23	122	<2	19	28	66	5.57	1273	11	27	9	<5	274
S-77	<5	0.2	17	142	<2	17	27	65	4.98	1491	9	28	<2	<5	375
S-78	<5	0.2	16	98	<2	22	34	69	5.51	1167	9	36	<2	<5	368
S-79	<5	0.3	<5	102	<2	10	13	29	3.03	972	6	17	5	<5	203
S-80	<5	0.3	29	119	<2	29	38	104	5.63	1255	10	38	15	<5	271

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-41	<0.5	<1	12	9	3	22	2	4	<20	27	<10	<10	81	4	5
S-42	<0.5	2	7	8	2	19	2	3	<20	23	<10	<10	61	2	6
S-43	<0.5	1	9	7	2	17	2	4	<20	27	13	<10	83	4	11
S-44	<0.5	<1	<5	8	2	16	2	2	<20	11	<10	<10	61	2	7
S-45	<0.5	<1	5	6	2	19	3	3	<20	14	<10	<10	68	3	25
S-46	<0.5	1	<5	9	2	17	2	2	<20	18	<10	<10	67	2	9
S-47	<0.5	<1	5	9	2	18	3	2	<20	17	<10	<10	67	2	6
S-48	<0.5	1	<5	8	1	13	3	2	<20	16	<10	<10	71	1	6
S-49	<0.5	<1	7	10	2	19	3	3	<20	19	<10	<10	93	2	3
S-50	<0.5	<1	8	7	2	15	3	2	<20	14	<10	<10	58	2	12
S-51	<0.5	<1	<5	7	1	13	3	2	<20	17	<10	<10	70	2	9
S-52	<0.5	<1	6	4	2	17	3	3	<20	15	<10	<10	82	2	8
S-53	<0.5	<1	8	6	3	14	2	3	<20	13	<10	<10	79	3	6
S-54	<0.5	<1	10	8	2	19	2	4	<20	30	<10	<10	96	3	3
S-55	<0.5	<1	7	7	3	18	2	3	<20	13	<10	<10	71	3	14
S-56	<0.5	<1	8	<2	6	18	<1	3	<20	16	<10	<10	79	2	4
S-57	<0.5	2	11	<2	6	17	<1	4	<20	22	10	<10	85	3	4
S-58	<0.5	1	7	4	5	18	1	3	<20	14	<10	<10	71	2	10
S-59	<0.5	<1	11	3	8	24	5	3	<20	22	12	<10	78	2	9
S-60	<0.5	<1	19	2	9	16	2	3	<20	14	<10	<10	69	4	8
S-61	<0.5	1	14	4	8	17	2	4	<20	14	<10	<10	75	4	10
S-62	<0.5	1	7	3	6	16	2	3	<20	14	<10	<10	79	2	13
S-63	<0.5	1	7	5	5	13	2	2	<20	13	<10	<10	76	1	5
S-64	<0.5	<1	7	6	5	12	3	2	<20	11	10	<10	71	1	9
S-65	<0.5	2	5	6	5	11	3	2	<20	9	<10	<10	67	2	11
S-66	<0.5	2	7	3	6	14	2	2	<20	12	11	<10	70	2	4
S-67	<0.5	1	7	3	5	14	2	2	<20	11	12	<10	76	2	4
S-68	<0.5	3	16	6	11	18	2	2	<20	36	<10	<10	89	7	2
S-69	<0.5	2	17	5	8	19	2	2	<20	20	14	<10	88	4	2
S-70	<0.5	2	19	2	10	31	2	2	<20	26	<10	<10	88	6	1
S-71	<0.5	<1	8	4	6	13	2	2	<20	18	13	<10	72	2	3
S-72	<0.5	2	5	7	5	7	2	1	<20	14	<10	<10	45	1	6
S-73	<0.5	2	14	3	8	19	2	3	<20	14	17	<10	83	3	8
S-74	<0.5	2	9	3	6	11	2	2	<20	12	<10	<10	63	3	7
S-75	<0.5	7	20	5	15	34	2	4	<20	37	16	<10	114	10	3
S-76	<0.5	3	9	5	8	15	3	4	<20	28	11	<10	118	4	6
S-77	<0.5	2	10	4	8	16	2	4	<20	15	<10	<10	97	4	6
S-78	<0.5	3	12	3	8	17	2	4	<20	13	16	<10	106	3	8
S-79	<0.5	2	15	3	5	9	2	2	<20	13	11	<10	46	3	18
S-80	<0.5	2	26	<2	13	21	4	4	<20	22	13	<10	81	6	10



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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-81	<5	0.2	19	101	<2	13	35	35	4.98	1694	8	22	18	<5	162
S-82	<5	0.2	22	94	<2	14	29	54	4.49	1428	6	20	8	<5	145
S-83	6	0.3	16	151	<2	13	21	43	4.26	1845	5	18	38	<5	170
S-84	<5	<0.2	13	134	<2	19	29	76	5.66	1156	8	23	3	<5	200
S-85	<5	0.2	10	119	<2	19	27	69	5.64	1836	9	23	6	<5	212
S-86	<5	0.2	28	114	<2	31	38	124	6.24	1380	8	41	<2	<5	276
S-87	61	0.3	34	73	<2	15	28	56	5.69	1055	18	23	5	<5	229
S-88	14	0.3	30	65	<2	8	29	36	4.39	401	8	17	7	<5	164
S-89	13	0.9	56	93	<2	9	26	84	6.21	836	13	15	42	<5	280
S-90	12	0.3	28	100	<2	39	36	99	5.33	1988	21	32	20	<5	297
S-91	<5	0.4	42	67	<2	24	46	86	5.02	1932	30	47	16	<5	531
S-92	<5	0.3	35	100	<2	20	39	59	4.66	1895	28	33	28	<5	313
S-93	11	0.3	14	76	<2	9	27	32	3.69	474	8	17	10	<5	160
S-94	<5	0.3	14	64	<2	4	16	23	3.10	321	3	8	23	<5	58
S-95	<5	0.2	23	58	<2	6	21	23	4.19	437	4	13	20	<5	93
S-96	<5	0.3	10	58	<2	6	19	15	2.83	482	2	10	<2	<5	63
S-97	<5	0.3	7	98	<2	12	13	29	4.11	952	3	13	13	<5	104
S-110	<5	0.6	11	153	<2	19	17	60	4.17	1195	3	21	<2	<5	140
S-111	<5	0.3	<5	129	<2	20	14	63	4.70	2435	4	14	5	<5	190
S-112	18	0.7	21	137	<2	17	14	60	3.97	1766	5	14	23	<5	159
S-113	<5	0.2	14	108	<2	18	15	67	4.00	1091	4	15	3	<5	134
S-114	<5	0.2	22	179	<2	21	17	70	4.38	2075	4	16	48	<5	203
S-115	<5	0.3	18	187	<2	21	19	53	4.84	2703	3	14	21	<5	151
S-116	<5	0.6	16	206	<2	21	23	61	4.50	3564	4	21	21	<5	169
S-117	<5	0.4	21	128	<2	17	21	64	4.33	1759	3	19	18	<5	164
S-118	<5	0.4	13	90	<2	13	16	51	4.16	929	3	12	3	<5	109
S-119	<5	0.4	27	113	<2	17	18	93	4.64	810	3	18	18	<5	141
S-120	<5	0.3	22	96	<2	7	14	28	3.98	867	3	10	23	<5	87
S-121	<5	0.5	22	139	<2	13	20	50	4.50	2479	4	12	28	<5	129
S-122	<5	0.3	11	101	<2	16	25	85	4.60	520	8	26	<2	<5	159
S-123	<5	0.5	14	93	<2	15	20	43	4.55	1568	4	13	21	<5	148
S-124	<5	0.4	13	120	<2	12	25	33	4.41	1437	3	16	23	<5	93
S-125	<5	0.8	15	92	<2	7	17	21	3.74	1318	3	10	27	<5	100
S-126	<5	1.0	25	98	<2	14	24	89	4.96	609	17	30	7	<5	156
S-127	<5	0.5	16	144	<2	20	23	57	4.82	1809	5	18	8	<5	141
S-128	<5	<0.2	<5	207	<2	20	27	81	5.30	2432	5	18	<2	<5	162
S-129	<5	0.3	<5	201	<2	23	30	102	5.15	1749	5	20	10	<5	206
S-130	<5	0.5	20	133	<2	19	33	84	4.87	820	3	23	21	<5	173
S-131	7	<0.2	8	91	<2	14	23	81	4.09	1471	19	27	<2	<5	163
S-132	<5	0.2	15	99	<2	13	23	63	4.13	2020	14	22	21	<5	136

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-81	<0.5	<1	8	3	6	18	2	3	<20	13	14	<10	89	2	3
S-82	<0.5	<1	10	2	7	15	2	3	<20	10	10	<10	77	2	7
S-83	<0.5	2	8	3	6	16	1	3	<20	14	12	<10	69	2	14
S-84	<0.5	2	6	<2	7	20	1	4	<20	24	16	<10	101	2	8
S-85	<0.5	<1	7	<2	8	19	1	3	<20	14	11	<10	101	3	6
S-86	<0.5	2	15	<2	9	21	2	5	<20	23	16	<10	114	4	8
S-87	<0.5	2	10	4	8	16	2	2	<20	15	16	<10	115	3	2
S-88	<0.5	1	7	3	6	15	2	2	<20	10	-10	<10	77	2	10
S-89	<0.5	<1	<5	4	6	13	<1	5	<20	20	13	<10	129	2	5
S-90	<0.5	4	16	<2	11	18	2	2	<20	26	14	<10	82	5	2
S-91	<0.5	6	17	3	19	20	2	3	<20	40	<10	<10	92	17	2
S-92	<0.5	4	20	6	12	18	4	2	<20	102	13	<10	90	7	1
S-93	<0.5	2	6	4	4	16	2	2	<20	10	<10	<10	68	2	8
S-94	<0.5	<1	<5	9	4	9	3	2	<20	9	<10	<10	48	2	10
S-95	<0.5	<1	<5	6	3	15	2	2	<20	10	<10	<10	72	1	8
S-96	<0.5	<1	<5	4	3	12	1	2	<20	7	<10	<10	50	1	11
S-97	<0.5	2	6	4	4	18	<1	3	<20	13	<10	<10	83	2	7
S-110	<0.5	2	13	2	6	19	<1	4	<20	23	11	<10	75	3	9
S-111	<0.5	<1	6	2	4	20	<1	3	<20	34	<10	<10	79	3	2
S-112	<0.5	2	13	3	5	18	1	3	<20	45	11	<10	76	4	2
S-113	<0.5	1	11	3	5	18	2	3	<20	34	<10	<10	76	4	5
S-114	<0.5	3	13	6	5	18	3	3	<20	49	<10	<10	78	3	4
S-115	<0.5	1	9	5	5	19	2	3	<20	23	11	<10	87	3	4
S-116	<0.5	2	7	3	4	20	1	3	<20	23	<10	<10	78	2	3
S-117	<0.5	1	6	3	4	19	1	3	<20	21	<10	<10	80	2	12
S-118	<0.5	<1	<5	5	3	19	1	2	<20	21	<10	<10	80	2	7
S-119	<0.5	2	10	4	6	18	2	4	<20	19	13	<10	83	3	9
S-120	<0.5	<1	<5	6	3	14	2	2	<20	20	12	<10	74	2	8
S-121	<0.5	<1	7	7	4	14	1	3	<20	32	12	<10	101	2	2
S-122	<0.5	2	11	4	6	23	2	4	<20	18	<10	<10	87	3	11
S-123	<0.5	<1	8	5	5	18	1	3	<20	29	<10	<10	87	3	2
S-124	<0.5	1	9	8	7	14	2	3	<20	19	<10	<10	80	2	3
S-125	<0.5	1	10	10	6	14	3	2	<20	24	<10	<10	62	2	2
S-126	<0.5	2	12	4	8	18	2	4	<20	25	<10	<10	88	4	3
S-127	<0.5	2	11	6	6	16	3	4	<20	63	11	<10	101	4	<1
S-128	<0.5	<1	10	6	7	18	1	5	<20	65	12	<10	114	4	1
S-129	<0.5	<1	16	5	8	19	2	5	<20	46	<10	<10	108	4	2
S-130	<0.5	<1	15	3	8	20	<1	5	<20	29	11	<10	93	5	14
S-131	<0.5	<1	25	<2	11	14	<1	3	<20	16	<10	<10	75	5	3
S-132	<0.5	1	18	4	9	14	1	3	<20	24	<10	<10	75	3	3

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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-133	33	0.4	19	72	<2	16	28	105	5.38	1505	19	25	<2	<5	131
S-134	<5	<0.2	13	79	<2	14	20	64	4.16	994	18	17	8	<5	163
S-135	<5	0.3	19	118	<2	8	17	41	4.11	1855	19	13	35	<5	123
S-136	<5	0.3	12	72	<2	11	24	67	4.59	583	30	22	5	<5	162
S-137	6	0.3	<5	90	<2	15	24	56	4.08	1642	68	19	6	<5	126
S-138	7	0.4	9	76	<2	15	23	51	4.14	1242	41	17	2	<5	117
S-140	<5	0.9	19	169	<2	15	33	39	4.72	2894	4	20	31	<5	160
S-141	22	0.5	12	80	<2	13	35	60	4.49	446	6	22	3	<5	129
S-142	<5	0.6	10	160	<2	16	37	48	4.80	1271	5	26	5	<5	167
S-143	8	0.4	21	112	<2	14	44	45	4.91	1199	4	23	15	<5	152
S-144	<5	0.4	11	116	<2	13	39	59	5.25	888	4	22	11	<5	134
S-145	6	0.2	12	78	<2	12	35	55	4.42	631	5	22	5	<5	122
S-146	6	0.2	25	78	<2	15	25	33	4.42	1400	4	14	6	<5	129
S-147	15	<0.2	9	159	<2	13	24	42	4.31	1929	6	17	8	<5	115
S-148	7	0.3	22	112	<2	10	23	30	3.76	2400	7	13	30	<5	101
S-149	<5	0.2	20	136	<2	23	31	68	4.67	1883	20	32	18	<5	422
S-150	<5	<0.2	17	73	<2	13	22	60	2.70	1200	15	28	41	<5	429
S-151	<5	0.5	13	114	<2	16	18	42	4.28	1401	6	14	7	<5	160
S-152	<5	0.2	15	99	<2	9	21	28	4.01	1710	7	15	25	<5	156
S-153	7	0.3	30	107	<2	15	43	57	5.78	1166	13	27	<2	<5	268
S-154	<5	0.2	32	78	<2	17	38	56	3.71	1730	9	35	52	<5	277
S-155	<5	0.3	23	185	<2	19	30	124	6.92	1524	12	23	22	<5	215
S-156	<5	0.2	16	153	<2	22	37	111	6.00	1545	9	32	18	<5	217
S-157	<5	0.3	13	152	<2	14	32	70	5.56	1359	9	21	29	<5	174
S-158	<5	0.6	7	198	<2	17	23	50	4.72	3736	7	17	14	<5	146
S-159	<5	0.2	<5	103	<2	13	22	59	4.39	1028	4	16	8	<5	153
S-160	<5	0.4	11	87	<2	11	29	68	4.94	570	13	22	24	<5	141
S-161	38	0.4	40	71	<2	15	21	66	3.66	1879	13	19	105	<5	209
S-162	27	0.5	40	151	<2	35	50	106	5.83	2655	12	45	57	<5	674
S-163	<5	0.3	20	350	<2	33	95	65	5.81	2953	5	64	66	<5	375
S-164	<5	0.3	18	178	<2	31	48	81	5.16	3356	12	39	56	<5	372
S-165	<5	0.3	6	258	<2	26	50	76	5.16	3188	6	37	18	<5	286
S-166	<5	0.3	18	143	<2	22	44	61	4.46	2000	9	34	54	<5	275
S-167	12	<0.2	12	234	<2	24	51	65	6.52	2159	13	48	33	<5	332
S-174	<5	0.4	<5	116	<2	18	59	72	4.82	834	5	37	3	<5	200
S-175	<5	0.9	<5	120	<2	14	26	66	5.13	1104	8	19	6	<5	173
S-176	10	1.3	41	227	17	21	26	119	6.02	2245	4	31	129	27	281
S-177	<5	0.4	<5	76	<2	16	39	55	4.65	867	5	25	8	<5	178
S-178	7	0.7	<5	196	<2	31	68	126	6.09	1533	8	48	25	<5	340
S-179	<5	0.2	<5	160	<2	21	46	49	4.23	1783	4	31	9	<5	225

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## Soil Sampling Results (part 2)

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-133	<0.5	<1	17	3	10	13	<1	3	<20	28	13	<10	91	4	2
S-134	<0.5	<1	29	4	12	16	1	3	<20	17	<10	<10	69	5	7
S-135	<0.5	2	18	4	12	14	2	2	<20	20	<10	<10	58	4	6
S-136	<0.5	1	22	3	12	19	2	4	<20	16	15	<10	74	5	9
S-137	<0.5	2	26	5	16	16	1	3	<20	15	<10	<10	61	7	7
S-138	<0.5	1	21	4	12	16	1	3	<20	13	<10	<10	68	4	5
S-140	<0.5	2	10	4	7	17	<1	4	<20	26	16	<10	91	3	3
S-141	<0.5	<1	10	3	7	19	1	4	<20	17	15	<10	78	4	16
S-142	<0.5	2	10	9	7	24	2	3	<20	28	14	<10	88	2	4
S-143	<0.5	2	9	7	6	23	2	4	<20	19	12	<10	95	2	4
S-144	<0.5	2	12	6	7	18	3	4	<20	24	16	<10	106	3	2
S-145	<0.5	<1	9	3	6	21	2	4	<20	16	<10	<10	78	3	8
S-146	<0.5	2	<5	6	5	24	1	3	<20	16	13	<10	68	2	13
S-147	<0.5	<1	10	7	7	18	2	2	<20	22	11	<10	79	2	3
S-148	<0.5	1	8	8	6	11	1	2	<20	17	<10	<10	68	2	2
S-149	<0.5	6	23	5	16	20	3	3	<20	51	16	<10	84	11	2
S-150	<0.5	8	13	6	12	14	4	1	<20	83	<10	<10	47	15	<1
S-151	<0.5	<1	8	5	6	15	1	2	<20	22	<10	<10	65	2	3
S-152	<0.5	1	7	7	6	15	2	3	<20	11	<10	<10	77	2	7
S-153	<0.5	1	13	4	9	21	1	4	<20	19	17	<10	109	3	4
S-154	<0.5	5	12	5	8	14	3	2	<20	44	<10	<10	77	5	<1
S-155	<0.5	1	14	5	10	18	1	6	<20	25	15	<10	127	5	8
S-156	<0.5	2	15	4	10	20	1	5	<20	29	15	<10	107	4	6
S-157	<0.5	2	9	6	8	19	2	4	<20	33	19	<10	103	3	3
S-158	<0.5	1	6	7	3	15	4	3	<20	19	<10	<10	92	2	4
S-159	<0.5	2	<5	9	1	18	4	3	<20	11	<10	<10	86	2	15
S-160	<0.5	2	7	6	2	14	4	3	<20	14	<10	<10	84	2	8
S-161	<0.5	6	10	8	6	13	5	1	<20	74	<10	<10	56	7	1
S-162	<0.5	4	17	6	6	22	3	5	<20	21	10	<10	99	8	3
S-163	<0.5	1	24	9	8	25	4	4	<20	52	<10	<10	101	3	5
S-164	<0.5	4	15	7	6	19	4	4	<20	32	<10	<10	96	4	3
S-165	<0.5	<1	14	6	4	18	3	4	<20	24	10	<10	101	2	7
S-166	<0.5	4	13	8	5	16	4	2	<20	30	<10	<10	92	4	3
S-167	<0.5	4	11	9	4	19	4	4	<20	36	<10	<10	145	3	3
S-174	<0.5	<1	15	4	5	19	3	4	<20	17	<10	<10	89	4	6
S-175	<0.5	<1	9	6	3	18	2	3	<20	22	11	<10	104	3	3
S-176	<0.5	<1	15	31	4	25	58	5	<20	20	<10	18	117	3	1
S-177	<0.5	<1	9	5	3	16	2	4	<20	15	<10	<10	100	3	9
S-178	<0.5	3	15	8	4	20	3	6	<20	43	<10	<10	135	5	1
S-179	<0.5	<1	9	7	3	20	2	4	<20	21	11	<10	92	3	7

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Soil Sampling Results  
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Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-180	13	0.6	6	136	<2	25	49	79	4.68	920	4	38	7	<5	251
S-181	61	0.5	<5	167	<2	23	60	81	4.85	1392	5	39	2	<5	264
S-182	<5	0.6	<5	175	<2	24	49	74	4.29	1921	4	34	3	<5	299
S-183	<5	0.7	13	141	<2	21	47	81	5.05	984	7	32	2	<5	214
S-184	<5	0.5	<5	185	<2	21	51	68	4.80	1964	5	32	<2	<5	246
S-185	9	0.5	<5	235	<2	22	57	48	5.48	1467	5	32	8	<5	271
S-186	<5	0.3	10	195	<2	20	36	73	4.58	1823	7	34	31	<5	282
S-187	<5	0.3	<5	194	<2	28	49	103	5.64	1460	7	47	3	<5	276
S-188	<5	0.3	7	124	<2	20	58	82	5.17	1014	6	41	<2	<5	238
S-189	<5	0.3	<5	120	<2	15	45	56	4.86	819	7	31	<2	<5	186
S-190	7	0.6	<5	155	<2	20	66	71	4.80	1241	5	41	17	<5	226
S-191	<5	0.4	<5	218	<2	20	41	47	4.42	1722	3	32	11	<5	305
S-192	6	0.6	12	368	<2	32	59	156	6.49	1436	19	69	<2	<5	268
S-193	17	1.0	<5	169	<2	17	49	50	4.27	1782	4	27	21	<5	216
S-194	<5	0.4	66	121	19	17	58	93	5.63	1269	13	45	56	29	237
S-195	9	0.4	17	294	<2	31	62	140	6.63	1214	11	64	5	<5	286
S-196	13	0.7	<5	164	<2	20	59	46	4.93	1448	3	30	15	<5	242
S-197	6	0.4	5	137	<2	16	59	43	4.71	1105	5	28	12	<5	249
S-198	<5	0.8	<5	157	15	12	48	33	4.37	827	1	26	63	28	207
S-199	<5	0.4	<5	143	<2	23	62	80	4.90	1521	11	40	11	<5	335
S-200	18	0.7	<5	136	<2	21	67	65	4.81	999	6	40	9	<5	335
S-201	<5	0.4	6	143	<2	22	67	72	4.78	1252	5	39	20	<5	307
S-202	<5	0.8	<5	183	<2	18	71	67	4.82	1258	4	38	21	<5	280
S-203	<5	0.5	<5	178	<2	19	61	63	4.47	1158	3	34	8	<5	286
S-204	<5	1.0	<5	124	<2	15	58	42	4.31	1030	4	27	20	<5	200
S-205	<5	0.4	<5	133	<2	18	64	72	4.54	1157	4	38	20	<5	295
S-206	<5	0.3	51	168	<2	22	52	77	5.11	1885	7	40	32	<5	406
S-207	<5	0.5	11	210	<2	21	48	72	5.07	2023	5	40	23	<5	335
S-208	<5	0.2	<5	224	<2	22	75	72	5.22	1157	4	54	9	<5	347
S-215	65	2.1	10	172	<2	18	33	169	5.26	1494	4	25	13	<5	292
S-216	<5	0.4	<5	428	<2	24	58	72	4.40	2417	3	41	12	<5	390
S-217	<5	0.6	<5	254	<2	24	73	74	4.95	1553	4	45	6	<5	351
S-218	<5	0.4	12	122	<2	13	44	53	3.53	707	3	27	11	<5	225
S-219	104	0.4	49	139	<2	21	31	76	5.40	1693	3	23	72	<5	271
S-220	65	0.4	28	205	<2	23	32	89	5.06	1902	3	25	20	<5	216
S-221	58	0.4	19	252	<2	23	27	81	4.93	2834	2	24	16	<5	333
S-222	65	0.3	16	222	<2	21	24	65	4.76	1652	2	19	13	<5	268
S-223	72	<0.2	26	269	<2	23	29	55	5.19	1565	2	24	13	<5	234
S-224	48	0.4	21	264	<2	23	37	74	4.75	2551	2	25	15	<5	193
S-225	15	0.4	11	238	<2	20	41	45	4.31	1502	3	31	11	<5	303

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-180	<0.5	3	21	6	6	19	2	5	<20	19	<10	<10	99	6	14
S-181	<0.5	3	12	6	5	20	3	5	<20	34	<10	<10	109	4	4
S-182	<0.5	4	15	7	5	18	2	3	<20	26	<10	<10	93	4	3
S-183	<0.5	1	18	7	7	18	3	5	<20	26	<10	<10	99	5	9
S-184	<0.5	1	11	8	4	18	3	4	<20	33	<10	<10	95	3	6
S-185	<0.5	2	11	9	3	24	3	4	<20	25	14	<10	105	2	5
S-186	<0.5	3	13	9	4	15	4	3	<20	56	<10	<10	96	4	3
S-187	<0.5	4	17	7	5	15	3	5	<20	56	<10	<10	133	4	5
S-188	<0.5	<1	22	4	9	21	2	5	<20	17	<10	<10	105	7	8
S-189	<0.5	2	13	7	5	19	2	4	<20	16	<10	<10	96	3	6
S-190	<0.5	1	10	7	4	21	2	4	<20	24	<10	<10	88	3	5
S-191	<0.5	3	7	7	3	22	2	4	<20	29	<10	<10	90	3	6
S-192	<0.5	3	39	8	11	21	4	8	<20	37	<10	<10	147	7	6
S-193	<0.5	2	10	6	4	19	2	3	<20	17	<10	<10	81	3	5
S-194	<0.5	<1	23	37	7	24	40	4	<20	2	16	26	118	5	2
S-195	<0.5	4	23	10	5	22	4	7	<20	47	11	<10	156	5	6
S-196	<0.5	2	10	9	3	22	4	4	<20	20	<10	<10	104	3	4
S-197	<0.5	1	9	8	3	22	3	4	<20	13	11	<10	109	3	3
S-198	<0.5	<1	<5	33	2	25	33	4	<20	3	<10	31	94	5	11
S-199	<0.5	3	18	10	8	31	4	4	<20	36	<10	<10	104	8	2
S-200	<0.5	3	15	8	5	24	3	5	<20	30	<10	<10	114	6	3
S-201	<0.5	3	16	9	6	26	3	5	<20	29	<10	<10	113	6	3
S-202	<0.5	4	13	9	5	23	3	5	<20	30	<10	<10	120	5	3
S-203	<0.5	3	13	8	5	24	2	5	<20	21	<10	<10	107	5	3
S-204	<0.5	2	9	8	4	19	2	3	<20	17	<10	<10	102	4	2
S-205	<0.5	3	17	8	7	25	3	4	<20	28	<10	<10	109	6	2
S-206	<0.5	5	20	11	9	27	4	3	<20	44	<10	<10	109	11	2
S-207	<0.5	2	19	9	8	24	3	3	<20	37	<10	<10	84	6	3
S-208	<0.5	4	15	10	5	26	3	5	<20	33	<10	<10	116	5	1
S-215	<0.5	2	14	8	6	24	2	5	<20	22	13	<10	87	4	3
S-216	<0.5	4	15	9	5	27	3	5	<20	46	<10	<10	99	4	4
S-217	<0.5	3	13	10	5	27	4	6	<20	43	<10	<10	118	5	3
S-218	<0.5	2	13	6	5	16	3	3	<20	22	<10	<10	73	5	2
S-219	<0.5	2	19	13	5	17	4	4	<20	28	12	<10	88	4	5
S-220	<0.5	2	14	8	4	19	2	4	<20	53	<10	<10	85	3	3
S-221	<0.5	4	23	11	8	24	3	4	<20	33	<10	<10	81	5	4
S-222	<0.5	2	18	11	6	22	3	4	<20	34	<10	<10	75	5	7
S-223	<0.5	2	18	12	5	22	3	5	<20	40	<10	<10	86	4	10
S-224	<0.5	2	19	11	7	19	4	4	<20	39	<10	<10	80	5	4
S-225	<0.5	2	19	12	5	23	3	4	<20	29	<10	<10	74	4	12

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Soil Sampling Results  
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Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-226	9	0.2	13	290	<2	25	73	68	5.15	3584	5	46	17	<5	383
S-227	231	0.5	31	257	<2	23	47	58	4.92	2596	2	28	26	<5	247
S-228	147	0.3	26	140	<2	25	45	188	5.55	689	4	28	<2	<5	100
S-229	12	0.4	58	235	<2	26	49	98	5.34	1574	3	36	27	<5	264
S-230	40	0.4	72	184	25	19	45	59	4.50	1099	4	37	56	28	159
S-231	21	0.3	<5	172	<2	16	76	57	3.95	961	2	33	18	<5	139
S-232	50	0.7	21	371	<2	26	56	121	5.76	1658	2	33	13	<5	193
S-233	38	0.2	31	299	<2	23	36	60	4.82	1630	2	24	19	<5	168
S-234	45	0.3	23	297	<2	22	42	75	4.90	1452	<1	30	15	<5	198
S-235	30	0.3	21	316	<2	20	25	53	4.32	2197	2	20	20	<5	173
S-236	19	<0.2	82	285	4	35	60	157	6.92	919	4	42	36	29	152
S-237	37	<0.2	121	283	3	42	50	109	6.61	1457	<1	45	42	20	166
S-238	47	<0.2	22	455	<2	36	47	91	6.00	3518	1	35	25	<5	288
S-239	57	<0.2	27	291	<2	66	36	143	6.98	2809	2	37	19	<5	283
S-240	60	0.2	26	258	<2	25	39	98	5.10	1417	2	33	6	<5	209
S-241	30	0.3	26	231	<2	21	34	51	4.22	2251	1	27	20	<5	189
S-242	981	0.2	85	215	<2	56	309	200	7.08	1402	1	149	17	10	203
S-243	49	<0.2	34	159	<2	25	53	128	4.82	653	1	33	<2	<5	85
S-244	28	0.2	32	194	<2	24	44	95	4.76	928	1	34	7	<5	156
S-245	25	<0.2	29	129	<2	19	44	49	4.06	1439	1	25	22	<5	136
S-246	6	<0.2	31	241	<2	20	40	33	4.22	2449	<1	24	16	<5	132
S-247	16	0.2	27	206	<2	25	54	63	4.91	1468	1	31	6	<5	111
S-248	41	0.3	37	183	<2	24	41	75	4.62	2098	2	28	12	<5	174
S-249	28	0.2	32	218	<2	20	29	54	3.51	1952	1	17	24	<5	141
S-250	64	0.2	32	210	<2	26	65	208	4.81	1021	1	40	8	<5	132
S-251	17	0.2	34	219	<2	30	87	108	4.50	1702	<1	48	17	<5	163
S-252	<5	0.4	47	208	<2	24	66	64	4.79	1150	4	48	10	<5	332
S-253	6	0.6	58	125	<2	21	51	66	4.28	1916	4	41	77	<5	337
S-254	<5	0.7	49	271	<2	26	78	66	5.06	1477	3	47	9	<5	374
S-255	<5	0.2	47	265	<2	26	66	52	4.76	1862	3	42	10	<5	458
S-256	<5	0.2	57	234	<2	24	65	55	4.96	1751	2	47	24	<5	461
S-257	<5	0.4	53	286	<2	25	61	67	5.55	1959	3	40	15	<5	361
S-258	<5	0.3	52	196	<2	24	55	56	4.65	1206	4	40	25	6	327
S-259	28	0.3	103	289	<2	28	37	97	6.50	2423	3	30	31	6	455
S-260	61	<0.2	122	231	<2	25	40	336	6.77	1664	3	35	33	8	373
S-261	28	0.7	96	337	<2	25	48	179	6.01	3399	6	39	37	5	603
S-262	54	0.8	138	215	<2	25	41	92	5.71	1628	5	48	22	5	703
S-263	61	0.9	72	186	<2	24	46	183	5.65	1895	3	37	27	<5	249
S-264	57	0.7	101	202	<2	28	60	279	7.18	1847	2	52	93	40	206
S-265	57	1.0	84	241	<2	25	40	268	5.96	2305	5	30	44	<5	350

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-226	<0.5	6	17	11	7	26	3	5	<20	35	<10	<10	107	5	6
S-227	<0.5	<1	14	12	5	23	3	5	<20	46	<10	<10	83	4	2
S-228	<0.5	<1	9	9	1	16	3	5	<20	42	<10	<10	98	4	4
S-229	<0.5	<1	16	12	4	27	3	5	<20	30	<10	<10	87	4	5
S-230	<0.5	<1	30	49	8	27	18	7	<20	15	<10	29	86	12	27
S-231	<0.5	<1	22	11	6	20	4	4	<20	32	<10	<10	78	5	10
S-232	<0.5	<1	13	12	3	20	4	6	<20	51	<10	<10	106	4	5
S-233	<0.5	<1	16	13	5	22	5	5	<20	47	<10	<10	80	3	6
S-234	<0.5	<1	19	12	6	21	6	5	<20	52	<10	<10	86	4	3
S-235	<0.5	<1	22	13	6	19	3	4	<20	30	<10	<10	66	4	5
S-236	<0.5	<1	<5	27	<1	24	13	8	<20	39	<10	17	147	5	8
S-237	<0.5	<1	<5	34	<1	33	14	7	<20	30	<10	18	126	4	11
S-238	<0.5	3	7	15	<1	24	2	6	<20	43	<10	<10	106	4	4
S-239	<0.5	2	7	14	<1	29	2	5	<20	44	<10	<10	98	6	4
S-240	<0.5	<1	25	13	7	21	3	5	<20	43	<10	<10	88	8	16
S-241	<0.5	<1	12	14	2	20	3	4	<20	33	<10	<10	71	3	7
S-242	<0.5	<1	<5	15	<1	29	3	7	<20	35	<10	<10	123	3	4
S-243	<0.5	<1	8	9	<1	16	3	5	<20	51	<10	<10	94	4	4
S-244	<0.5	<1	12	11	<1	20	4	4	<20	36	<10	<10	84	4	10
S-245	<0.5	<1	6	11	<1	16	3	3	<20	42	<10	<10	78	3	2
S-246	<0.5	<1	7	15	<1	20	3	3	<20	36	<10	<10	66	2	5
S-247	<0.5	<1	8	13	<1	17	5	4	<20	41	<10	<10	92	3	3
S-248	<0.5	<1	14	13	2	19	4	4	<20	22	<10	<10	76	3	9
S-249	<0.5	<1	7	14	<1	20	3	3	<20	23	<10	<10	52	2	8
S-250	<0.5	<1	<5	10	<1	23	3	4	<20	39	<10	<10	97	2	5
S-251	<0.5	1	7	12	<1	23	3	4	<20	42	<10	<10	84	3	4
S-252	<0.5	3	14	9	<1	22	3	4	<20	22	<10	<10	94	4	3
S-253	<0.5	4	20	13	4	28	5	4	<20	65	<10	<10	76	7	4
S-254	<0.5	3	9	11	<1	22	3	4	<20	36	<10	<10	103	3	2
S-255	<0.5	3	11	11	<1	25	2	4	<20	27	<10	<10	87	3	3
S-256	<0.5	3	7	11	<1	27	3	4	<20	40	<10	<10	92	3	6
S-257	<0.5	4	14	14	<1	25	4	6	<20	46	<10	<10	105	5	2
S-258	<0.5	2	17	12	<1	23	4	4	<20	28	<10	<10	78	4	12
S-259	<0.5	2	14	14	<1	25	3	5	<20	43	<10	<10	96	4	3
S-260	<0.5	<1	14	12	<1	23	3	6	<20	29	<10	<10	117	5	2
S-261	<0.5	3	21	15	<1	26	3	6	<20	31	<10	<10	112	4	5
S-262	<0.5	3	29	12	3	21	3	5	<20	17	<10	<10	112	6	5
S-263	<0.5	<1	20	12	2	22	3	6	<20	27	<10	<10	108	6	4
S-264	<0.5	<1	6	61	1	30	30	8	<20	47	<10	52	142	6	9
S-265	<0.5	1	21	13	2	25	2	7	<20	35	<10	<10	105	7	4



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Soil Sampling Results  
(1989)

Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-266	50	1.1	97	249	<2	24	36	196	6.15	1751	4	31	38	<5	380
S-267	64	0.8	122	239	<2	25	25	118	5.43	2390	3	31	119	6	350
S-268	64	0.6	113	141	<2	27	32	113	5.88	1319	3	35	37	<5	322
S-269	223	0.7	113	182	<2	35	40	170	6.35	2105	3	33	46	<5	279
S-270	<5	0.6	53	218	<2	17	54	37	4.33	1612	3	32	18	<5	372
S-271	215	0.3	118	178	<2	35	35	177	6.72	1525	3	31	39	<5	225
S-272	134	0.2	91	304	<2	31	41	99	5.78	3633	1	31	34	<5	199
S-273	272	0.3	93	188	<2	26	32	97	5.51	2186	2	27	33	<5	208
S-274	138	0.3	113	266	<2	27	37	96	5.73	2898	1	30	38	<5	195
S-275	263	0.3	98	169	<2	27	46	113	6.00	1440	1	37	15	<5	136
S-276	137	0.6	74	203	<2	26	41	126	5.81	1263	2	29	7	<5	148
S-277	64	0.2	110	328	<2	25	35	78	5.56	3337	<1	27	34	<5	174
S-278	64	0.2	61	289	<2	21	33	95	4.99	2071	1	25	9	<5	181
S-279	29	0.3	63	263	<2	21	30	106	4.70	1841	2	26	8	<5	171
S-280	20	0.3	56	298	<2	20	29	80	4.23	1563	1	24	17	<5	199
S-281	12	0.3	54	150	<2	19	30	61	3.91	1255	1	24	18	<5	131
S-282	17	0.5	48	222	<2	21	38	99	4.46	1954	2	30	2	<5	204
S-283	34	0.4	69	194	<2	22	33	94	4.56	2163	2	25	44	<5	147
S-284	63	0.5	65	400	<2	27	46	104	5.18	2523	1	32	29	<5	179
S-285	72	0.3	90	279	<2	24	33	92	5.36	1341	3	28	25	<5	200
S-286	29	<0.2	49	207	<2	30	44	101	5.25	1163	<1	30	7	<5	131
S-287	<5	0.5	55	266	<2	32	112	92	5.57	1256	<1	66	<2	<5	114
S-288	36	0.3	61	235	<2	33	56	127	5.48	1425	1	42	<2	<5	115
S-289	25	0.3	11	257	<2	30	45	95	5.36	1700	2	31	<2	<5	107
S-290	28	0.2	18	355	<2	33	35	89	5.78	3337	<1	23	6	<5	124
S-291	45	0.2	8	164	<2	32	47	121	5.48	1562	2	28	<2	<5	95
S-292	26	0.2	29	250	<2	32	46	111	5.69	2107	<1	29	7	<5	108
S-293	<5	0.3	28	187	<2	28	46	96	5.63	1145	1	30	<2	<5	108
S-300	<5	0.5	94	112	<2	25	61	87	6.02	1755	5	58	22	<5	921
S-301	<5	0.5	73	227	<2	25	61	70	5.75	2502	4	51	50	<5	658
S-302	<5	0.7	33	348	<2	28	57	73	5.92	3350	5	55	32	<5	454
S-303	<5	0.5	18	164	<2	22	45	73	5.11	1737	5	42	21	<5	321
S-304	6	0.3	12	283	<2	29	66	65	5.35	3222	4	46	21	<5	436
S-305	44	0.4	130	165	<2	28	39	95	6.23	2141	5	45	20	<5	380
S-306	15	0.7	112	218	<2	25	36	89	5.82	2782	4	39	38	<5	396
S-307	40	0.4	91	183	<2	26	39	98	6.13	2065	5	37	15	<5	454
S-308	57	0.3	77	228	<2	25	25	89	5.77	3054	3	24	44	<5	251
S-309	63	0.7	81	231	<2	27	31	135	6.86	2648	4	29	13	<5	281
S-310	94	0.8	60	227	<2	23	26	162	7.00	2160	4	24	36	<5	206
S-311	65	0.4	44	230	<2	24	29	146	7.00	1797	4	30	20	<5	251

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-266	<0.5	2	18	10	<1	21	2	7	<20	22	<10	<10	105	5	2
S-267	<0.5	2	25	12	3	15	3	6	<20	58	<10	<10	85	7	4
S-268	<0.5	<1	25	9	<1	20	2	6	<20	22	<10	<10	92	6	4
S-269	<0.5	<1	19	12	<1	23	3	6	<20	44	<10	<10	107	6	3
S-270	<0.5	2	8	10	<1	22	2	3	<20	17	<10	<10	86	3	2
S-271	<0.5	<1	13	10	<1	20	3	6	<20	41	<10	<10	106	4	2
S-272	<0.5	1	19	15	<1	20	2	5	<20	56	<10	<10	100	5	4
S-273	<0.5	<1	14	10	<1	19	2	6	<20	55	<10	<10	95	4	1
S-274	<0.5	<1	22	12	<1	18	3	6	<20	51	<10	<10	105	5	2
S-275	<0.5	<1	27	10	<1	19	3	8	<20	32	<10	<10	115	6	2
S-276	<0.5	<1	16	10	<1	20	2	6	<20	33	<10	<10	108	4	5
S-277	<0.5	<1	21	16	1	16	4	6	<20	53	<10	<10	94	4	2
S-278	<0.5	<1	22	5	2	19	<1	5	<20	37	<10	<10	83	4	3
S-279	<0.5	<1	28	7	5	17	4	5	<20	37	<10	<10	75	5	8
S-280	<0.5	<1	17	9	2	19	4	4	<20	57	<10	<10	68	4	7
S-281	<0.5	<1	9	10	<1	18	4	3	<20	37	<10	<10	64	3	8
S-282	<0.5	<1	16	9	<1	19	3	4	<20	29	<10	<10	76	4	3
S-283	<0.5	<1	15	10	<1	16	2	4	<20	32	<10	<10	76	4	5
S-284	<0.5	<1	14	12	<1	17	5	4	<20	65	<10	<10	89	3	2
S-285	<0.5	<1	17	9	<1	17	3	5	<20	35	<10	<10	85	4	3
S-286	<0.5	<1	10	8	<1	18	3	5	<20	37	<10	<10	98	3	6
S-287	<0.5	<1	<5	11	<1	30	2	6	<20	38	<10	<10	102	2	7
S-288	<0.5	<1	21	9	<1	26	3	6	<20	37	<10	<10	99	5	14
S-289	<0.5	<1	13	9	<1	21	3	5	<20	43	<10	<10	100	4	6
S-290	<0.5	<1	<5	11	<1	22	2	5	<20	47	<10	<10	106	3	3
S-291	<0.5	<1	9	8	<1	16	3	4	<20	39	<10	<10	103	3	2
S-292	<0.5	<1	9	9	<1	16	3	5	<20	41	<10	<10	104	3	2
S-293	<0.5	<1	8	8	<1	20	3	5	<20	48	<10	<10	100	3	2
S-300	<0.5	8	25	6	5	28	3	6	<20	40	<10	<10	87	10	3
S-301	<0.5	4	18	8	<1	22	2	5	<20	25	<10	<10	95	4	2
S-302	<0.5	6	22	9	3	22	2	5	<20	31	<10	<10	102	5	2
S-303	<0.5	2	20	7	3	20	2	4	<20	26	<10	<10	87	5	4
S-304	<0.5	4	16	8	3	22	3	4	<20	36	<10	<10	90	4	2
S-305	<0.5	5	32	6	6	31	3	5	<20	32	<10	<10	96	8	2
S-306	<0.5	2	25	5	4	19	2	5	<20	25	<10	<10	89	5	3
S-307	<0.5	2	23	5	5	20	2	5	<20	15	<10	<10	97	6	3
S-308	<0.5	2	19	8	3	18	3	4	<20	25	<10	<10	78	5	3
S-309	<0.5	1	21	8	4	20	3	6	<20	28	11	<10	98	6	3
S-310	<0.5	<1	15	5	3	14	1	5	<20	27	<10	<10	97	6	<1
S-311	<0.5	<1	23	5	6	18	2	7	<20	20	<10	<10	99	7	2

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Soil Sampling Results  
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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-312	31	0.3	37	178	<2	29	25	89	6.91	2350	4	28	24	<5	223
S-313	112	1.2	76	103	<2	25	12	149	7.24	1085	4	22	36	<5	187
S-314	137	0.7	83	266	<2	25	36	115	6.49	5458	4	29	83	<5	312
S-315	65	0.8	61	208	<2	27	49	103	5.91	1748	3	32	32	<5	280
S-316	58	0.3	94	260	<2	33	42	126	7.05	3903	4	36	59	<5	286
S-317	53	0.2	36	152	<2	23	52	92	5.55	1337	3	34	24	<5	204
S-318	59	0.3	22	113	<2	22	40	73	5.20	1280	2	26	18	<5	188
S-319	28	0.2	<5	173	<2	20	44	64	4.69	1082	2	27	12	<5	164
S-320	22	0.3	<5	113	<2	15	47	60	4.11	1201	2	24	7	<5	130
S-321	16	0.2	15	94	<2	16	39	62	4.28	949	3	24	6	<5	138
S-322	31	0.3	<5	104	<2	18	52	66	4.98	989	3	29	3	<5	163
S-323	19	<0.2	17	171	<2	18	55	52	4.60	1712	2	28	13	<5	142
S-324	16	0.3	50	158	<2	19	48	64	5.37	1042	3	32	14	<5	157
S-325	<5	0.3	18	167	<2	15	33	49	4.65	1420	3	24	20	<5	162
S-326	7	0.4	30	214	<2	17	32	52	5.08	2533	2	25	14	<5	148
S-327	6	0.4	15	134	<2	14	28	68	4.36	1497	3	19	4	<5	95
S-328	7	0.5	<5	92	<2	14	30	75	3.79	1033	2	18	6	<5	96
S-329	<5	0.7	<5	110	<2	11	32	31	4.26	909	3	17	4	<5	97
S-330	8	0.4	<5	132	<2	17	31	83	4.99	908	3	17	<2	<5	75
S-331	6	0.4	<5	84	<2	11	26	54	4.08	636	3	13	<2	<5	74
S-332	27	0.3	<5	101	<2	17	58	65	4.51	1356	3	28	4	<5	139
S-333	9	0.7	<5	104	<2	14	53	57	4.02	488	2	27	<2	<5	103
S-334	11	0.4	<5	141	<2	22	49	64	4.65	1376	2	31	6	<5	117
S-335	10	0.2	<5	223	<2	21	50	64	4.79	1091	2	31	<2	<5	140
S-336	30	0.2	<5	153	<2	24	44	62	5.30	1195	2	25	<2	<5	101
S-337	36	0.2	<5	151	<2	26	45	77	5.50	1060	2	28	<2	<5	101
S-450	33	1.7	<5	122	<2	16	26	143	3.85	1807	3	18	28	<5	101
S-451	31	0.9	18	348	<2	16	45	122	3.59	2655	5	30	47	<5	87
S-452	31	0.6	29	165	<2	21	35	155	5.85	791	3	25	<2	<5	79
S-453	30	0.8	12	149	<2	17	43	79	5.05	1348	3	25	9	<5	98
S-454	36	0.3	<5	184	<2	16	37	44	4.06	3354	2	21	7	<5	94
S-455	30	0.6	<5	255	<2	17	41	61	4.49	4449	2	21	9	<5	134
S-456	11	<0.2	<5	97	<2	13	36	39	4.55	733	1	18	5	<5	75
S-457	50	0.5	<5	139	<2	15	36	40	4.76	1642	2	18	23	<5	73
S-458	<5	0.4	10	201	<2	11	24	27	3.70	2523	1	15	35	<5	90
S-459	<5	0.5	7	181	<2	15	35	49	4.70	1851	3	17	6	<5	102
S-460	53	0.4	9	162	<2	10	17	37	3.46	1462	1	11	91	<5	110
S-461	<5	0.6	19	220	<2	8	20	24	3.04	2471	3	13	102	<5	76
S-462	<5	0.3	16	109	<2	10	31	34	4.89	621	1	16	7	<5	65
S-463	<5	0.6	14	141	<2	13	23	25	3.75	2824	2	12	44	<5	86

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-312	<0.5	1	25	5	6	16	2	6	<20	23	11	<10	90	7	2
S-313	<0.5	1	25	<2	6	9	2	7	<20	21	<10	<10	58	9	3
S-314	<0.5	2	19	3	6	19	2	4	<20	32	<10	<10	100	5	1
S-315	<0.5	<1	15	7	5	22	4	5	<20	21	<10	<10	90	4	7
S-316	<0.5	2	19	5	5	21	2	6	<20	30	<10	<10	111	5	3
S-317	<0.5	<1	23	7	8	22	5	5	<20	26	<10	<10	92	5	6
S-318	<0.5	<1	16	7	7	20	3	5	<20	25	<10	<10	87	5	7
S-319	<0.5	<1	16	9	6	20	4	4	<20	23	<10	<10	75	4	6
S-320	<0.5	<1	17	8	8	17	3	4	<20	26	<10	<10	72	5	5
S-321	<0.5	<1	20	6	9	18	3	4	<20	26	<10	<10	74	6	7
S-322	<0.5	<1	17	7	8	20	3	4	<20	29	<10	<10	90	5	4
S-323	<0.5	<1	16	8	7	18	4	4	<20	49	<10	<10	83	4	2
S-324	<0.5	<1	16	10	7	23	4	5	<20	38	<10	<10	89	4	10
S-325	<0.5	<1	15	8	7	19	5	4	<20	27	<10	<10	76	3	13
S-326	<0.5	<1	20	8	9	17	5	4	<20	39	<10	<10	90	4	8
S-327	<0.5	<1	8	9	4	20	2	4	<20	17	<10	<10	70	3	17
S-328	<0.5	<1	8	8	3	16	3	4	<20	13	<10	<10	63	3	16
S-329	<0.5	<1	5	8	2	17	3	3	<20	18	<10	<10	68	2	8
S-330	<0.5	<1	<5	9	<1	16	2	3	<20	33	<10	<10	93	2	7
S-331	<0.5	<1	<5	9	1	12	2	2	<20	30	<10	<10	78	2	5
S-332	<0.5	<1	12	8	4	21	3	4	<20	23	<10	<10	82	3	9
S-333	<0.5	<1	12	8	6	19	3	4	<20	20	<10	<10	77	4	11
S-334	<0.5	<1	13	7	5	21	3	4	<20	33	<10	<10	85	3	5
S-335	<0.5	<1	16	8	6	21	4	4	<20	51	<10	<10	84	3	3
S-336	<0.5	<1	6	6	3	20	2	4	<20	33	<10	<10	96	3	4
S-337	<0.5	<1	8	6	2	20	3	4	<20	31	<10	<10	100	3	4
S-450	<0.5	<1	9	7	4	16	2	3	<20	30	<10	<10	82	4	6
S-451	<0.5	<1	10	3	5	11	2	2	<20	51	<10	<10	66	2	<1
S-452	<0.5	<1	<5	7	2	23	2	6	<20	27	10	<10	124	3	3
S-453	<0.5	<1	<5	8	2	17	2	4	<20	25	10	<10	102	3	2
S-454	<0.5	<1	7	6	3	15	2	3	<20	23	<10	<10	76	2	4
S-455	<0.5	<1	9	6	4	13	3	4	<20	62	<10	<10	87	2	5
S-456	<0.5	<1	<5	8	2	15	2	3	<20	30	<10	<10	87	2	4
S-457	<0.5	<1	<5	8	2	12	2	4	<20	34	<10	<10	100	2	2
S-458	<0.5	<1	5	10	3	12	5	3	<20	49	<10	<10	74	2	3
S-459	<0.5	1	11	10	4	22	3	3	<20	44	<10	<10	88	3	2
S-460	<0.5	<1	6	7	3	11	3	2	<20	18	<10	<10	55	2	8
S-461	<0.5	<1	6	7	3	7	3	2	<20	34	<10	<10	55	2	3
S-462	<0.5	<1	7	10	3	12	4	3	<20	39	<10	<10	87	2	4
S-463	<0.5	<1	10	11	4	7	3	2	<20	38	<10	<10	74	2	1

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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-464	<5	0.2	5	166	<2	13	23	24	3.69	4125	2	15	19	<5	87
S-465	<5	0.3	7	196	<2	11	22	21	3.20	3553	2	13	54	<5	100
S-466	9	0.3	<5	169	<2	12	32	29	4.08	2440	2	19	30	<5	112
S-467	<5	0.6	<5	133	<2	10	20	27	3.42	2121	2	14	56	<5	70
S-468	<5	0.8	<5	82	<2	8	22	40	3.64	593	3	11	8	<5	78
S-469	<5	0.5	<5	157	<2	14	22	54	3.96	1400	2	14	<2	<5	120
S-470	<5	0.7	10	97	<2	8	23	30	4.31	762	2	13	20	<5	93
S-500	<5	0.3	14	128	<2	22	53	74	5.85	1157	4	43	26	<5	319
S-501	24	0.9	125	224	<2	32	40	108	6.57	3118	4	48	65	<5	617
S-502	34	0.4	49	180	<2	28	44	89	7.16	2427	5	48	21	<5	488
S-503	58	0.3	82	162	<2	25	52	109	6.66	1516	5	47	14	<5	463
S-504	57	0.4	82	188	<2	25	41	73	6.19	2372	4	32	23	<5	412
S-505	60	0.4	94	164	<2	26	31	160	7.46	1571	3	30	14	<5	252
S-506	52	0.7	106	365	<2	32	20	126	8.14	6064	4	31	53	<5	272
S-507	61	0.6	92	168	<2	31	26	126	8.18	2517	4	35	26	<5	220
S-508	56	0.8	103	246	<2	27	32	142	7.41	2058	4	36	65	<5	347
S-509	738	0.9	53	227	<2	27	42	149	5.56	2793	3	32	91	<5	470
S-510	662	1.8	105	109	<2	55	44	189	7.09	4339	5	35	775	<5	1640
S-511	152	0.3	11	106	<2	25	70	106	5.22	1501	3	36	23	<5	206
S-512	121	0.2	<5	123	<2	22	46	69	4.53	1867	3	31	26	<5	159
S-513	30	0.4	<5	118	<2	21	56	80	4.52	1584	3	30	26	<5	152
S-514	41	0.3	<5	104	<2	19	51	69	4.77	1282	2	28	14	<5	157
S-515	47	0.3	17	207	<2	21	39	65	5.08	1120	2	32	9	<5	131
S-516	17	0.2	26	93	<2	11	28	43	4.77	1523	5	21	24	<5	124
S-517	17	0.2	<5	103	<2	11	23	40	3.95	1721	3	16	17	<5	98
S-518	68	0.3	<5	46	<2	7	19	50	3.42	280	2	15	4	<5	61
S-519	10	<0.2	<5	64	<2	10	18	39	3.25	420	2	17	<2	<5	61
S-520	34	0.3	130	84	<2	11	24	46	4.95	471	3	15	9	<5	105
S-521	<5	0.3	<5	78	<2	4	13	25	4.83	342	2	7	10	<5	54
S-522	126	0.4	16	157	<2	10	29	42	3.97	1470	4	18	33	<5	116
S-523	47	0.2	56	85	<2	12	21	28	5.82	865	4	13	28	<5	152
S-524	436	0.4	191	136	<2	67	59	157	8.14	4420	5	44	53	<5	177
S-525	250	0.6	97	97	<2	27	73	118	7.52	1387	4	48	24	<5	162
S-526	21	0.7	46	118	<2	10	30	38	4.38	2756	3	19	66	<5	140
S-527	<5	0.6	9	86	<2	10	26	37	3.84	897	3	16	45	<5	127
S-528	20	0.3	29	165	<2	13	23	44	4.94	1182	3	17	23	<5	145
S-529	<5	0.4	<5	155	<2	10	21	29	3.98	1951	2	13	20	<5	165
S-530	<5	0.6	10	92	<2	8	25	24	5.29	918	3	13	23	<5	120
S-550	32	0.5	<5	247	<2	22	45	146	5.09	1109	3	29	4	<5	99
S-551	31	0.4	<5	151	<2	21	55	88	4.66	1294	2	35	29	<5	133

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## Soil Sampling Results (part 2)

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-464	<0.5	1	10	7	4	6	3	2	<20	47	<10	<10	78	2	<1
S-465	<0.5	2	10	9	5	6	3	2	<20	37	<10	<10	68	2	1
S-466	<0.5	<1	20	10	9	15	5	3	<20	36	<10	<10	73	3	3
S-467	<0.5	<1	7	10	3	8	4	2	<20	31	<10	<10	62	2	2
S-468	<0.5	<1	8	8	5	14	4	2	<20	21	<10	<10	56	3	7
S-469	<0.5	<1	13	8	4	18	3	3	<20	36	<10	<10	77	3	5
S-470	<0.5	<1	10	11	4	10	4	2	<20	25	<10	<10	80	2	2
S-500	<0.5	1	17	6	6	23	3	5	<20	25	<10	<10	98	5	3
S-501	<0.5	4	28	5	9	20	2	5	<20	28	<10	<10	101	7	1
S-502	<0.5	2	30	7	10	24	2	6	<20	21	10	<10	109	7	3
S-503	<0.5	1	26	7	10	22	3	6	<20	21	<10	<10	117	6	4
S-504	<0.5	2	19	6	8	26	2	6	<20	29	13	<10	104	5	2
S-505	<0.5	1	21	7	7	26	3	7	<20	29	10	<10	113	7	4
S-506	<0.5	3	24	<2	10	15	<1	6	<20	30	11	<10	72	9	2
S-507	<0.5	<1	25	3	7	15	<1	6	<20	18	11	<10	82	8	2
S-508	<0.5	2	28	4	10	20	2	7	<20	18	<10	<10	90	7	3
S-509	<0.5	2	23	8	9	23	3	4	<20	22	<10	<10	82	5	4
S-510	<0.5	6	30	6	10	27	3	5	<20	42	<10	<10	87	10	3
S-511	<0.5	<1	24	7	8	20	3	4	<20	32	12	<10	88	7	2
S-512	<0.5	<1	26	8	10	18	4	3	<20	24	<10	<10	79	5	3
S-513	<0.5	<1	29	8	16	19	3	5	<20	28	<10	<10	82	11	4
S-514	<0.5	<1	23	9	8	19	4	4	<20	34	<10	<10	86	5	3
S-515	<0.5	<1	34	10	11	22	4	5	<20	25	12	<10	83	5	13
S-516	<0.5	<1	11	11	4	19	3	3	<20	21	<10	<10	76	2	8
S-517	<0.5	<1	14	9	6	15	3	3	<20	11	<10	<10	61	3	9
S-518	<0.5	<1	8	8	3	14	3	3	<20	6	<10	<10	46	3	33
S-519	<0.5	<1	19	7	4	13	4	3	<20	9	<10	<10	51	4	26
S-520	<0.5	<1	27	9	11	20	3	4	<20	13	<10	<10	73	6	7
S-521	<0.5	<1	11	14	5	8	4	2	<20	14	<10	<10	71	3	9
S-522	<0.5	<1	25	10	10	16	4	3	<20	16	<10	<10	63	3	5
S-523	<0.5	<1	8	14	2	22	3	3	<20	11	<10	<10	81	2	14
S-524	<0.5	2	19	10	7	26	3	6	<20	49	<10	<10	136	10	2
S-525	<0.5	<1	12	10	3	23	3	5	<20	14	<10	<10	123	4	4
S-526	<0.5	<1	14	8	6	15	3	3	<20	16	<10	<10	73	3	4
S-527	<0.5	1	14	9	6	16	6	2	<20	14	<10	<10	61	4	4
S-528	<0.5	<1	17	10	5	20	3	3	<20	20	<10	<10	83	3	2
S-529	<0.5	<1	12	11	4	16	3	2	<20	19	11	<10	66	3	4
S-530	<0.5	<1	11	13	5	16	3	3	<20	17	<10	<10	82	2	4
S-550	<0.5	<1	12	9	4	19	4	5	<20	41	<10	<10	100	4	3
S-551	<0.5	<1	8	10	3	18	4	3	<20	39	<10	<10	83	3	2

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Soil Sampling Results  
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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-552	55	0.6	<5	94	<2	16	36	64	4.41	1415	3	23	8	<5	100
S-553	18	0.5	<5	83	<2	14	31	48	4.32	741	2	18	9	<5	78
S-554	<5	0.5	<5	143	<2	16	25	44	4.13	2458	1	17	2	<5	110
S-555	7	0.4	<5	182	<2	11	20	25	3.65	2072	1	13	7	<5	83
S-556	<5	0.4	<5	139	<2	14	24	44	4.02	1310	2	16	22	<5	99
S-557	<5	0.3	<5	113	<2	12	25	42	4.48	844	2	13	2	<5	79
S-558	<5	0.4	<5	117	<2	13	22	39	3.94	1268	2	12	<2	<5	79
S-559	<5	0.4	<5	83	<2	8	13	29	3.05	1821	2	9	3	<5	64
S-560	6	<0.2	<5	98	<2	16	32	73	4.82	595	2	19	5	<5	73
S-561	<5	0.4	<5	135	<2	12	24	41	4.17	3374	2	15	7	<5	90
S-562	11	1.0	<5	145	<2	13	24	44	3.89	2657	3	14	11	<5	100
S-563	<5	0.5	<5	203	<2	13	24	38	4.37	1143	2	14	4	<5	104
S-564	7	0.6	<5	91	<2	10	27	39	4.40	911	2	13	6	<5	89
S-565	<5	0.9	<5	175	<2	9	20	26	3.70	1310	2	11	11	<5	90
S-566	<5	0.5	<5	126	<2	8	18	31	3.79	2020	2	11	15	<5	70
S-567	24	0.5	14	64	<2	8	25	30	3.73	579	2	12	19	<5	63
S-568	<5	0.6	18	94	<2	10	27	39	4.70	1054	3	15	8	<5	97
S-569	12	0.6	17	95	<2	10	22	33	4.18	1413	2	14	12	<5	84
S-570	<5	0.7	19	77	<2	9	25	31	4.68	481	2	14	14	<5	99
S-571	<5	0.6	10	162	<2	17	40	87	4.66	1942	3	24	28	<5	197
S-572	45	0.3	11	176	<2	19	30	71	4.13	1469	1	20	25	<5	183
S-573	<5	0.7	<5	95	<2	17	54	84	4.34	1314	2	21	19	<5	156
S-574	6	0.3	<5	106	<2	14	31	50	4.16	1321	3	18	13	<5	136
S-575	<5	0.5	<5	127	<2	17	36	73	4.66	917	3	24	18	<5	182
S-576	6	0.3	11	79	<2	18	37	81	4.74	1158	3	24	16	<5	148
S-577	<5	0.6	<5	176	<2	19	34	76	4.31	1753	2	26	27	<5	201
S-578	45	<0.2	96	276	<2	15	23	53	3.88	2445	2	19	8	7	168
S-579	16	0.2	83	157	<2	16	23	58	4.03	1316	2	19	27	7	126
S-580	20	<0.2	32	180	<2	19	28	92	4.35	1344	2	20	<2	<5	126
S-581	27	0.5	14	184	<2	21	39	118	4.34	1262	2	24	<2	<5	121
S-582	22	1.4	8	190	<2	19	36	79	4.28	1512	1	21	<2	<5	111
S-583	12	0.3	14	173	<2	17	32	65	4.15	1432	1	21	<2	<5	82
S-584	18	0.2	54	208	<2	19	34	64	4.46	1827	2	22	3	<5	128
S-585	19	<0.2	92	177	<2	18	34	60	4.37	1315	2	22	<2	9	111
S-586	24	0.2	92	259	<2	17	28	54	4.15	1663	1	19	2	8	106
S-587	76	0.2	100	216	<2	17	32	58	4.22	1456	2	19	2	10	100
S-588	8	0.4	77	140	<2	21	35	90	4.29	1868	1	22	10	7	101
S-589	12	0.2	28	215	<2	18	38	64	4.93	1346	1	24	<2	<5	116
S-590	10	0.9	<5	242	<2	17	39	54	4.62	1744	2	30	<2	<5	98
S-591	11	2.3	<5	121	<2	21	68	91	5.21	1367	2	34	<2	<5	84

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-552	<0.5	<1	11	7	5	14	3	2	<20	22	<10	<10	73	3	2
S-553	<0.5	<1	8	6	3	13	3	3	<20	22	<10	<10	79	2	3
S-554	<0.5	<1	8	8	3	16	3	3	<20	24	<10	<10	72	3	2
S-555	<0.5	<1	7	9	3	16	3	2	<20	31	<10	<10	63	2	2
S-556	<0.5	<1	10	10	4	16	5	3	<20	34	<10	<10	70	3	4
S-557	<0.5	<1	8	8	4	14	5	3	<20	42	<10	<10	83	2	3
S-558	<0.5	<1	16	9	8	17	4	3	<20	20	<10	<10	63	3	7
S-559	<0.5	<1	11	9	6	11	3	2	<20	12	<10	<10	43	3	8
S-560	<0.5	<1	16	8	7	15	6	4	<20	57	11	<10	80	5	4
S-561	<0.5	<1	10	11	4	13	3	2	<20	23	<10	<10	67	3	2
S-562	<0.5	<1	13	11	5	14	3	2	<20	17	<10	<10	61	3	2
S-563	<0.5	<1	8	11	3	16	4	2	<20	20	<10	<10	66	3	5
S-564	<0.5	<1	8	10	3	15	4	2	<20	22	<10	<10	75	2	4
S-565	<0.5	<1	9	12	4	11	4	2	<20	25	<10	<10	62	2	3
S-566	<0.5	<1	9	13	4	10	4	1	<20	16	<10	<10	60	2	4
S-567	<0.5	<1	8	8	4	10	4	2	<20	22	<10	<10	70	2	2
S-568	<0.5	<1	12	9	5	15	4	2	<20	28	<10	<10	76	3	2
S-569	<0.5	<1	13	10	6	11	5	2	<20	19	<10	<10	74	2	3
S-570	<0.5	<1	12	10	5	11	5	2	<20	22	<10	<10	78	2	3
S-571	<0.5	2	25	12	15	27	5	4	<20	63	<10	<10	76	14	2
S-572	<0.5	<1	16	10	5	15	5	3	<20	52	<10	<10	72	3	1
S-573	<0.5	2	26	12	11	24	5	2	<20	72	<10	<10	81	12	2
S-574	<0.5	<1	19	10	7	16	4	1	<20	37	<10	<10	69	6	2
S-575	<0.5	<1	29	8	12	20	5	3	<20	37	<10	<10	76	8	2
S-576	<0.5	<1	20	7	9	16	4	2	<20	31	<10	<10	80	5	2
S-577	<0.5	2	26	10	18	19	4	3	<20	49	<10	<10	72	10	2
S-578	<0.5	<1	15	5	7	13	2	3	<20	34	<10	<10	59	3	4
S-579	<0.5	<1	17	6	6	12	3	2	<20	39	<10	<10	62	3	1
S-580	<0.5	<1	19	6	10	15	3	2	<20	47	<10	<10	71	5	1
S-581	<0.5	1	23	6	13	16	4	3	<20	55	<10	<10	75	8	2
S-582	<0.5	<1	10	6	6	15	2	3	<20	35	<10	<10	69	3	2
S-583	<0.5	<1	17	7	7	15	3	3	<20	46	<10	<10	66	4	3
S-584	<0.5	<1	12	8	6	16	2	3	<20	31	<10	<10	70	3	4
S-585	<0.5	<1	18	7	7	17	3	3	<20	30	<10	<10	69	4	6
S-586	<0.5	<1	16	8	7	14	3	3	<20	45	<10	<10	63	3	5
S-587	<0.5	<1	15	7	6	15	3	2	<20	41	<10	<10	69	3	3
S-588	<0.5	<1	26	7	16	14	3	3	<20	48	<10	<10	76	11	2
S-589	<0.5	<1	13	8	6	17	2	3	<20	32	<10	<10	81	3	3
S-590	<0.5	<1	16	7	7	18	2	3	<20	22	<10	<10	73	3	6
S-591	<0.5	<1	14	6	7	16	<1	4	<20	27	<10	<10	88	4	7



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Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-592	73	<0.2	8	188	<2	19	50	63	5.15	1344	2	25	<2	<5	123
S-600	52	0.4	8	131	<2	15	29	41	4.21	971	1	16	<2	<5	127
S-601	12	0.5	<5	115	<2	14	25	51	4.29	764	2	18	<2	<5	123
S-602	28	0.2	14	213	<2	18	23	53	4.20	1845	2	17	<2	<5	117
S-603	10	0.3	24	215	<2	21	28	86	4.64	1549	2	19	9	<5	103
S-604	15	0.3	32	198	<2	16	22	51	4.14	1303	2	18	<2	<5	112
S-605	18	0.3	37	158	<2	18	27	81	4.02	1712	2	19	32	<5	88
S-606	21	<0.2	28	238	<2	18	25	74	4.20	1280	1	19	9	<5	114
S-607	25	0.2	32	242	<2	21	23	67	4.55	1378	2	20	13	<5	114
S-608	23	<0.2	40	244	<2	20	27	73	4.72	1319	2	23	10	<5	144
S-609	24	0.2	46	192	<2	14	19	45	4.21	1187	3	21	9	<5	154
S-610	26	0.5	55	283	<2	20	27	95	5.26	1657	5	37	15	<5	256
S-611	44	<0.2	41	146	<2	17	28	80	5.00	1102	3	27	2	<5	149
S-612	23	0.2	62	165	<2	17	28	55	4.42	1676	4	28	20	<5	200
S-613	25	0.4	60	141	<2	13	24	46	3.89	2628	4	22	99	7	241
S-614	28	<0.2	110	200	<2	13	22	48	4.06	1677	3	24	75	12	184
S-615	26	0.3	112	273	<2	15	24	53	4.58	2986	3	23	46	9	248
S-616	26	2.5	110	247	<2	27	21	54	4.78	3252	3	20	43	10	164
S-617	<5	0.3	110	175	<2	15	22	67	4.00	1589	3	20	25	11	137
S-618	17	0.2	113	200	<2	20	24	47	4.85	2723	4	22	49	7	343
S-619	9	0.8	182	97	<2	10	18	32	4.16	914	6	27	27	10	289
S-620	7	<0.2	101	217	<2	18	22	36	4.17	2799	3	27	65	8	330
S-621	12	0.7	650	164	<2	20	30	65	4.68	2644	4	37	59	15	519
S-622	11	0.3	198	200	<2	17	40	47	4.59	1887	2	26	21	13	730
S-623	<5	0.4	225	167	2	20	33	80	4.22	2553	3	24	78	17	886
S-624	<5	0.4	194	268	<2	22	28	50	5.61	5519	4	26	70	16	328
S-651	<5	0.3	125	204	3	23	43	85	4.45	1884	1	28	38	12	179
S-652	<5	0.5	164	209	<2	25	45	119	4.98	1522	<1	30	16	18	158
S-653	<5	0.5	156	320	4	27	49	88	5.73	2116	1	45	66	37	260
S-654	<5	0.5	121	198	<2	17	28	75	4.53	1143	2	23	18	12	142
S-655	<5	0.8	112	132	6	17	40	43	4.23	975	<1	34	40	45	162
S-656	9	0.6	144	239	<2	20	32	84	4.50	1822	2	29	52	14	223
S-657	63	0.5	107	261	3	19	33	38	4.46	1367	2	22	28	12	186
S-658	25	0.6	139	233	<2	19	38	77	4.84	849	2	28	19	14	240
S-659	21	1.0	173	152	<2	18	41	68	4.61	996	3	31	12	17	254
S-660	12	1.0	160	285	<2	15	26	61	4.28	1192	2	24	12	13	185
S-661	18	0.4	247	244	<2	22	34	104	5.10	1746	5	39	38	14	326
S-662	17	0.6	157	124	<2	15	28	62	4.35	1009	2	24	27	12	210
S-663	25	0.5	226	152	11	18	37	61	6.28	898	1	34	79	54	303
S-664	10	0.3	238	276	<2	19	29	64	4.85	2176	3	28	59	13	382

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## Soil Sampling Results (part 2)

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-592	<0.5	<1	9	6	5	20	<1	4	<20	25	<10	<10	78	3	3
S-600	<0.5	<1	14	7	8	15	3	2	<20	45	<10	<10	66	3	2
S-601	<0.5	<1	14	6	7	17	3	3	<20	28	<10	<10	62	3	6
S-602	<0.5	<1	18	7	9	14	3	2	<20	40	<10	<10	61	4	2
S-603	<0.5	<1	26	9	15	14	5	4	<20	62	<10	<10	81	8	3
S-604	<0.5	<1	21	6	10	13	4	2	<20	41	<10	<10	63	4	2
S-605	<0.5	<1	28	9	18	13	5	2	<20	65	<10	<10	71	12	1
S-606	<0.5	<1	24	7	12	13	5	2	<20	58	<10	<10	69	5	1
S-607	<0.5	<1	18	7	10	11	6	3	<20	56	<10	<10	73	4	2
S-608	<0.5	<1	24	7	12	14	5	3	<20	50	<10	<10	75	5	1
S-609	<0.5	<1	18	6	10	13	4	2	<20	30	11	<10	59	4	2
S-610	<0.5	2	26	6	16	16	5	3	<20	42	11	<10	79	5	2
S-611	<0.5	<1	17	6	10	16	4	3	<20	36	<10	<10	82	4	2
S-612	<0.5	1	24	6	13	15	4	3	<20	25	<10	<10	73	5	3
S-613	<0.5	3	18	7	9	14	3	2	<20	16	<10	<10	58	3	5
S-614	<0.5	<1	24	6	10	15	3	3	<20	16	<10	<10	58	4	11
S-615	<0.5	<1	20	6	11	18	3	2	<20	24	<10	<10	64	3	2
S-616	<0.5	1	24	6	12	18	3	2	<20	21	<10	<10	66	5	3
S-617	<0.5	<1	29	6	12	16	3	2	<20	18	<10	<10	58	5	5
S-618	<0.5	2	18	3	11	23	2	2	<20	21	14	<10	63	3	2
S-619	<0.5	1	12	6	9	13	3	2	<20	11	10	<10	56	3	10
S-620	<0.5	1	35	5	18	17	5	1	<20	28	<10	<10	59	7	3
S-621	<0.5	2	38	16	17	22	3	3	<20	33	<10	<10	62	14	3
S-622	<0.5	<1	24	16	6	22	3	3	<20	38	<10	<10	74	4	2
S-623	<0.5	6	32	19	17	23	4	2	<20	71	<10	<10	65	18	2
S-624	<0.5	<1	30	18	8	18	1	3	<20	26	<10	<10	64	5	2
S-651	<0.5	<1	21	14	9	18	4	3	<20	64	<10	<10	81	6	2
S-652	<0.5	<1	34	15	21	21	5	4	<20	79	<10	<10	94	13	2
S-653	9.1	<1	30	61	8	29	17	5	<20	57	24	43	104	8	6
S-654	<0.5	<1	29	13	10	17	4	3	<20	73	<10	<10	87	7	1
S-655	6.0	<1	17	42	4	26	18	4	<20	33	30	28	75	5	8
S-656	<0.5	1	34	15	10	16	5	4	<20	66	<10	<10	81	6	2
S-657	<0.5	1	18	14	6	15	3	3	<20	32	<10	<10	78	4	2
S-658	<0.5	1	28	14	12	19	5	3	<20	65	<10	<10	83	9	2
S-659	<0.5	<1	29	11	11	18	4	4	<20	39	<10	<10	81	7	2
S-660	<0.5	<1	27	12	7	18	4	3	<20	52	<10	<10	72	5	2
S-661	<0.5	<1	36	12	13	17	4	5	<20	57	12	<10	94	8	2
S-662	<0.5	<1	22	10	7	15	3	3	<20	35	<10	<10	77	5	2
S-663	9.6	2	38	58	10	31	18	4	<20	58	10	22	95	11	5
S-664	<0.5	1	27	14	9	19	3	3	<20	49	<10	<10	82	6	2

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Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-665	16	0.7	197	111	<2	14	27	61	4.91	961	2	23	22	21	159
S-666	23	0.6	187	168	3	23	33	76	4.62	1913	3	28	46	15	249
S-667	11	0.9	180	157	<2	18	31	55	5.14	1644	3	25	23	14	251
S-668	13	1.1	193	122	5	14	27	51	4.86	1180	3	21	27	13	215
S-669	6	1.0	157	136	<2	17	30	54	4.60	1769	2	22	22	14	205
S-670	6	0.9	175	171	3	14	32	43	4.70	1175	2	22	17	14	219
S-671	25	0.7	165	141	<2	14	35	42	5.29	781	2	22	22	14	214
S-672	8	0.6	200	177	17	19	40	47	4.91	1803	<1	32	78	51	268
S-673	8	1.1	174	138	2	21	58	75	4.42	1559	2	30	28	15	232
S-674	24	0.5	183	118	2	12	39	67	5.22	725	3	27	19	16	207
S-675	18	1.1	209	127	12	15	32	57	5.31	956	3	34	59	33	226
S-676	14	0.9	154	110	<2	13	36	46	5.12	768	3	19	18	18	134
S-677	<5	1.0	138	128	2	11	35	39	4.57	533	2	17	16	14	120
S-678	14	0.7	122	85	<2	8	32	58	4.51	464	3	16	17	13	109
S-700	14	<0.2	189	143	3	28	89	106	5.83	1109	2	51	<2	23	110
S-701	10	<0.2	178	164	2	27	78	86	5.91	1218	1	44	<2	22	116
S-702	9	0.2	180	160	12	29	89	118	6.23	1349	<1	54	50	42	128
S-703	11	0.2	123	205	2	20	31	43	4.50	2830	<1	18	15	16	131
S-704	25	0.2	130	199	2	23	44	76	4.72	2342	1	24	3	15	128
S-705	14	0.4	99	68	<2	20	48	92	4.22	1363	1	18	4	9	80
S-706	16	0.4	103	274	2	20	32	59	4.18	2283	<1	18	3	9	127
S-707	<5	0.3	114	75	2	23	40	85	4.71	1627	<1	22	6	12	107
S-708	<5	0.3	133	116	3	23	59	92	4.58	1414	<1	24	18	15	98
S-709	11	<0.2	126	251	<2	21	34	68	4.66	2069	<1	21	7	14	123
S-710	14	0.2	136	94	2	20	43	74	4.49	1092	2	25	7	14	118
S-711	14	0.3	128	131	4	21	38	82	4.19	1437	1	23	14	12	131
S-712	13	0.2	134	139	4	23	45	89	4.49	1379	<1	28	14	13	133
S-713	18	0.2	107	155	<2	19	36	78	3.96	1164	1	25	10	11	97
S-714	16	0.3	124	234	2	18	31	75	4.00	1388	1	25	12	17	138
S-715	16	0.3	128	177	3	20	30	78	4.84	1162	<1	19	<2	13	126
S-716	15	0.2	152	88	11	15	21	45	4.44	553	<1	25	56	44	109
S-717	18	0.2	134	71	3	13	31	40	4.32	484	1	17	6	16	89
S-718	16	0.2	152	95	3	14	32	57	4.43	566	2	19	5	16	106
S-719	16	<0.2	124	92	<2	12	27	37	4.07	1169	<1	15	19	14	95
S-720	7	0.2	129	85	3	12	26	40	3.83	1008	<1	13	8	13	83
S-721	11	0.4	132	103	3	23	65	91	4.83	1108	<1	26	8	16	103
S-722	<5	0.3	127	129	4	18	34	64	4.37	1789	2	21	17	14	97
S-723	<5	<0.2	137	119	5	16	33	58	4.19	930	1	19	8	17	101
S-724	<5	<0.2	141	89	3	18	36	66	4.35	661	<1	21	6	16	95
S-725	<5	<0.2	132	104	3	19	44	68	4.43	1121	<1	25	8	14	108

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-665	<0.5	<1	23	13	7	20	3	3	<20	25	<10	<10	79	5	3
S-666	<0.5	<1	40	16	11	20	4	2	<20	67	<10	<10	75	11	2
S-667	<0.5	<1	24	14	7	18	3	3	<20	42	<10	<10	90	5	2
S-668	<0.5	<1	19	13	6	16	3	4	<20	31	<10	<10	83	4	2
S-669	<0.5	<1	27	15	10	17	3	4	<20	35	<10	<10	83	8	2
S-670	<0.5	<1	19	13	6	17	2	3	<20	36	<10	<10	87	4	2
S-671	<0.5	<1	18	14	5	19	3	4	<20	35	<10	<10	92	3	2
S-672	7.2	2	29	67	8	27	20	4	<20	55	<10	35	89	9	8
S-673	1.3	1	42	17	27	20	4	4	<20	66	<10	<10	86	18	2
S-674	0.9	<1	23	12	7	19	3	4	<20	35	<10	<10	94	5	3
S-675	7.1	<1	27	52	6	26	17	4	<20	33	12	33	98	5	5
S-676	<0.5	<1	12	14	4	16	4	3	<20	27	<10	<10	89	3	4
S-677	<0.5	<1	10	14	3	14	4	3	<20	26	<10	<10	82	2	6
S-678	<0.5	<1	12	13	4	10	4	2	<20	33	<10	<10	81	2	3
S-700	1.2	<1	20	13	8	21	2	9	<20	47	<10	<10	121	8	3
S-701	2.0	<1	15	15	3	23	3	6	<20	46	<10	<10	115	4	3
S-702	8.1	<1	17	53	2	29	17	6	<20	59	<10	46	123	6	7
S-703	2.6	<1	13	20	4	22	2	3	<20	40	<10	<10	77	3	4
S-704	2.8	<1	14	16	4	18	4	3	<20	37	<10	<10	83	4	2
S-705	4.4	<1	24	11	8	13	3	2	<20	36	<10	<10	84	8	1
S-706	4.5	<1	16	17	4	17	4	3	<20	47	<10	<10	70	4	2
S-707	5.0	<1	19	14	5	15	4	2	<20	30	<10	<10	88	5	1
S-708	4.8	<1	23	16	6	18	6	4	<20	77	<10	<10	93	9	2
S-709	4.7	<1	20	17	6	18	4	3	<20	51	<10	<10	81	6	1
S-710	4.2	<1	24	13	6	18	5	2	<20	37	<10	<10	78	6	1
S-711	4.1	<1	28	15	11	18	5	2	<20	59	<10	<10	73	9	1
S-712	4.7	<1	28	16	10	18	5	2	<20	60	<10	<10	82	8	1
S-713	4.5	<1	20	13	7	16	5	2	<20	47	<10	<10	73	5	1
S-714	5.1	<1	18	15	6	16	5	2	<20	46	<10	<10	67	5	2
S-715	6.0	<1	17	15	4	17	4	3	<20	36	<10	<10	82	4	2
S-716	6.4	<1	13	48	<1	23	17	3	<20	23	<10	32	70	3	21
S-717	5.0	<1	9	10	2	17	4	3	<20	18	<10	<10	71	2	11
S-718	5.2	<1	15	11	4	17	4	4	<20	26	<10	<10	73	3	9
S-719	4.6	<1	9	13	2	15	3	3	<20	23	<10	<10	70	2	4
S-720	4.4	<1	10	13	2	13	3	3	<20	15	<10	<10	64	2	6
S-721	6.5	<1	21	15	6	19	4	4	<20	40	<10	<10	97	8	2
S-722	6.8	<1	14	16	6	17	4	3	<20	37	<10	<10	77	5	3
S-723	8.1	<1	15	14	6	17	3	4	<20	23	<10	<10	72	7	5
S-724	8.5	<1	10	12	1	17	3	4	<20	23	<10	<10	76	3	11
S-725	8.8	<1	12	14	1	19	3	4	<20	25	<10	<10	77	3	7

Project 519

STENART

Soil Sampling Results  
(1989)

Date of Report: 23-Aug-89

Sample	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-726	<5	<0.2	135	99	17	25	60	92	5.28	1439	2	49	52	40	113
S-727	<5	<0.2	97	69	20	15	54	46	5.02	549	2	42	65	12	91
S-728	12	0.3	137	96	3	17	48	56	4.42	716	1	28	6	17	114
S-730	<5	0.3	154	241	5	22	58	75	4.83	1421	4	41	8	21	328
S-731	21	0.4	167	230	3	25	47	79	4.85	2706	4	38	20	19	355
S-732	24	<0.2	197	260	5	27	76	128	5.60	905	8	54	4	25	232
S-733	<5	0.6	136	245	<2	21	49	75	4.35	1448	5	38	22	18	305
S-734	<5	0.4	138	173	3	19	46	65	4.63	1130	5	31	24	17	246
S-735	<5	0.2	142	187	3	26	64	94	4.80	1119	7	48	11	20	248
S-736	<5	0.5	126	163	<2	19	46	53	4.26	1770	4	27	12	13	210
S-737	8	0.3	125	179	2	18	48	78	3.93	938	5	39	34	16	253
S-738	71	0.4	168	284	3	25	56	114	5.47	1359	11	45	18	16	269
S-739	<5	0.7	132	158	5	19	53	83	4.11	949	4	34	39	16	227
S-740	<5	0.9	144	263	3	19	49	54	4.09	1527	3	29	30	19	290
S-741	<5	0.5	71	230	<2	16	49	51	4.30	1203	4	27	11	<5	270
S-742	30	0.5	80	222	<2	14	44	62	4.26	1247	3	25	18	<5	245
S-743	31	1.0	110	255	<2	18	34	152	4.93	2040	4	24	19	<5	307
S-744	<5	0.2	122	181	<2	28	37	126	6.12	1592	7	35	6	<5	298
S-745	<5	0.9	82	133	<2	16	32	71	4.76	910	7	24	<2	<5	171
S-746	9	0.6	80	236	<2	21	40	46	5.05	2453	3	24	19	<5	280
S-747	7	0.6	124	244	<2	24	51	63	5.47	677	3	36	7	<5	408
S-748	17	0.7	91	253	<2	20	32	72	4.25	2053	2	22	29	<5	221
S-749	15	0.5	134	202	7	21	32	88	5.92	873	6	26	<2	5	173
S-750	8	0.2	84	165	<2	19	30	51	4.83	897	3	19	<2	<5	185
S-751	14	0.5	106	179	<2	17	30	82	5.07	837	4	21	<2	<5	131
S-752	10	0.6	83	225	<2	21	27	69	5.58	1451	3	17	<2	<5	158
S-753	<5	0.3	79	175	<2	23	44	71	5.30	1793	2	24	<2	<5	123
S-754	<5	0.4	82	224	<2	25	49	77	5.13	1764	3	26	8	<5	200
S-755	18	0.5	79	250	<2	23	36	75	4.92	1073	2	20	9	<5	180
S-756	<5	0.6	79	284	<2	25	39	70	4.91	1706	2	22	19	<5	252
S-757	10	0.4	99	233	<2	26	40	80	5.47	1227	3	24	22	<5	163
S-758	21	<0.2	164	311	<2	30	47	101	6.34	983	3	33	12	<5	218
S-759	21	0.2	89	373	<2	30	37	65	5.07	2775	2	24	36	<5	237
S-760	93	0.2	130	187	20	32	45	131	6.30	1811	<1	44	132	31	255
S-761	65	0.3	178	166	<2	30	50	153	6.64	810	2	39	31	23	184
S-762	16	0.3	172	362	3	34	34	132	6.43	2090	2	27	44	23	208
S-763	31	0.2	202	554	4	35	56	174	6.71	1324	2	46	51	30	187
S-764	31	0.4	199	382	<2	37	59	298	7.04	2267	2	35	46	29	200
S-765	11	0.3	199	362	5	33	46	106	6.82	2899	3	27	39	23	206
S-766	9	0.9	195	216	18	23	28	119	6.36	2788	3	30	87	39	204

Sample	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-726	1.2	<1	17	49	4	26	16	6	<20	22	24	32	94	6	25
S-727	0.8	<1	9	43	1	27	16	4	<20	19	14	31	87	3	13
S-728	8.3	<1	11	14	<1	19	4	4	<20	21	<10	<10	85	3	5
S-730	8.6	4	18	16	2	19	4	5	<20	42	<10	<10	114	5	2
S-731	8.9	3	19	21	3	18	3	4	<20	35	<10	<10	104	5	3
S-732	9.8	<1	26	14	5	19	2	9	<20	44	<10	<10	151	9	3
S-733	8.3	1	16	17	3	16	4	3	<20	70	<10	<10	93	5	2
S-734	9.0	2	13	16	<1	15	3	3	<20	32	<10	<10	96	3	3
S-735	9.7	<1	18	14	3	18	3	6	<20	38	<10	<10	110	6	5
S-736	8.8	<1	13	17	<1	15	2	3	<20	20	<10	<10	85	3	3
S-737	8.1	<1	14	14	<1	15	4	3	<20	61	<10	<10	77	4	3
S-738	10.8	<1	17	18	<1	17	4	6	<20	62	<10	<10	138	4	3
S-739	7.8	2	12	13	2	14	3	3	<20	39	<10	<10	87	4	2
S-740	7.8	1	14	16	2	17	3	2	<20	27	<10	<10	75	3	3
S-741	<0.5	2	9	7	4	18	1	2	<20	29	<10	<10	87	4	2
S-742	<0.5	1	13	6	7	16	1	4	<20	28	<10	<10	97	5	3
S-743	<0.5	2	17	8	7	19	1	4	<20	47	<10	<10	85	5	3
S-744	<0.5	<1	15	8	5	19	1	6	<20	49	12	<10	132	6	2
S-745	<0.5	<1	14	6	6	13	1	4	<20	24	10	<10	104	5	3
S-746	<0.5	2	14	9	7	20	<1	4	<20	26	<10	<10	102	4	2
S-747	<0.5	<1	31	5	10	27	2	5	<20	28	13	<10	103	6	4
S-748	<0.5	2	16	8	6	17	3	3	<20	58	<10	<10	71	5	2
S-749	<0.5	<1	<5	2	5	17	<1	5	<20	31	<10	<10	109	6	6
S-750	<0.5	<1	12	6	4	21	<1	4	<20	24	<10	<10	92	4	4
S-751	<0.5	<1	15	5	6	19	1	4	<20	35	<10	<10	78	6	5
S-752	<0.5	<1	8	7	4	20	<1	5	<20	31	<10	<10	89	4	4
S-753	<0.5	<1	14	8	9	24	1	6	<20	61	12	<10	95	9	3
S-754	<0.5	<1	9	7	4	22	<1	5	<20	37	12	<10	103	4	3
S-755	<0.5	<1	11	8	4	24	<1	5	<20	32	<10	<10	93	4	5
S-756	<0.5	<1	11	9	5	24	1	5	<20	30	<10	<10	90	4	4
S-757	<0.5	<1	9	7	4	23	1	5	<20	36	10	<10	108	4	5
S-758	<0.5	<1	10	7	5	26	2	6	<20	37	12	<10	126	4	6
S-759	<0.5	<1	10	8	4	21	<1	5	<20	40	<10	<10	96	4	3
S-760	<0.5	<1	8	51	<1	27	17	6	<20	37	10	38	132	5	7
S-761	<0.5	<1	10	13	2	21	1	7	<20	40	<10	<10	141	5	9
S-762	<0.5	<1	8	16	2	19	2	7	<20	81	<10	<10	128	5	3
S-763	<0.5	<1	41	16	9	26	4	8	<20	56	<10	<10	129	6	15
S-764	<0.5	<1	12	18	3	25	2	9	<20	49	<10	<10	148	5	4
S-765	<0.5	<1	12	18	3	26	2	9	<20	42	11	<10	136	4	3
S-766	<0.5	<1	17	55	3	30	17	5	<20	33	<10	34	115	6	7

Soil Sampling Results  
(1989)

Date of Report: 23-Aug-89

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
S-767	9	0.8	169	203	13	26	38	88	5.96	1568	1	28	67	33	213
S-768	16	0.3	127	218	11	24	22	94	5.93	1026	2	31	52	38	118
S-769	28	0.4	138	173	2	28	65	88	5.64	1223	3	33	24	17	161
S-770	18	0.4	151	111	21	23	73	68	6.50	755	4	43	64	42	112
S-771	511	0.9	187	132	4	34	171	118	6.08	1024	4	81	13	23	149
S-772	20	0.5	173	202	3	28	62	81	5.08	994	3	42	19	20	186
S-773	37	0.6	141	179	11	36	103	80	6.30	1682	3	61	73	51	212
S-774	227	0.4	186	117	26	43	245	104	6.27	969	1	142	62	40	392
S-775	217	1.2	163	202	<2	36	136	86	5.38	1784	2	70	39	17	296
S-776	73	0.3	166	145	2	29	89	115	5.64	1212	2	42	18	20	159
S-777	21	<0.2	125	250	4	26	42	70	4.80	2189	1	27	20	16	201
S-778	8	0.4	139	130	3	32	147	89	5.35	1635	2	66	13	18	214
S-779	17	0.4	135	343	3	35	87	61	5.40	1968	3	71	22	18	167
S-780	36	<0.2	134	170	4	27	38	76	4.95	1362	3	34	13	18	130
S-781	68	0.3	125	196	3	34	45	185	6.14	1225	3	41	62	12	188
S-782	106	<0.2	188	283	21	36	85	103	6.28	1932	2	72	95	41	188
S-783	7	<0.2	178	193	23	51	369	185	6.34	1430	<1	175	77	47	152
S-784	24	<0.2	127	269	14	40	167	91	5.74	2335	6	88	84	44	232
S-785	<5	<0.2	132	198	4	46	353	96	5.09	1561	<1	117	14	16	218
S-786	62	0.4	196	249	16	34	66	115	5.97	1692	<1	51	69	43	238
S-787	31	0.3	151	224	3	31	97	86	4.86	1589	3	55	37	18	236
S-788	14	0.2	149	219	<2	31	105	92	5.04	1449	2	58	45	16	293
S-789	<5	0.3	123	248	2	28	77	63	4.89	1982	2	39	36	14	365
S-790	15	0.5	132	130	3	33	152	102	4.62	1468	2	65	70	16	348
S-791	16	0.6	119	136	3	26	74	108	4.81	1106	2	42	35	13	152
S-792	<5	0.2	121	152	5	27	140	65	4.90	1377	2	51	25	16	280
S-793	18	0.7	160	181	4	26	54	113	5.17	1463	2	31	42	22	269
S-794	<5	0.4	100	223	<2	17	18	32	3.70	1278	1	14	18	14	143
S-795	8	0.2	163	238	16	30	48	81	5.55	1792	<1	42	73	39	284
S-796	<5	1.0	138	237	4	24	39	59	4.85	1898	1	25	41	20	269
S-797	<5	0.5	138	176	20	28	62	92	5.53	1356	<1	40	87	49	203

n= 551 samples

max:	981	2.5	650	554	26	67	369	336	8.18	6064	75	175	775	54	1640
min:	<5	<0.2	<5	46	<2	4	10	15	2.52	280	<1	7	<2	<5	54
1st quartile:	<5	0.2	11	107	<2	14	25	51	4.26	1091	2	19	7	<5	123
median:	9	0.3	29	155	<2	19	34	68	4.70	1439	3	25	16	<5	169
3rd quartile:	27	0.5	101	215	<2	25	46	89	5.30	1895	5	34	28	5	251
95% ile:	76	0.9	180	291	5	33	75	149	6.64	2986	19	51	69	28	408

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
S-767	<0.5	5	21	53	5	30	17	4	<20	40	21	40	117	6	5
S-768	<0.5	<1	7	57	<1	28	18	5	<20	41	20	49	120	5	5
S-769	<0.5	<1	9	14	1	22	2	4	<20	37	<10	<10	109	3	2
S-770	<0.5	<1	13	59	<1	30	19	5	<20	35	29	46	132	4	4
S-771	<0.5	<1	12	12	3	24	3	5	<20	32	<10	<10	111	3	3
S-772	<0.5	<1	20	15	5	23	3	5	<20	25	<10	<10	101	5	9
S-773	1.7	<1	19	60	2	36	22	6	<20	33	29	42	128	5	8
S-774	1.5	<1	14	64	<1	44	21	6	<20	34	12	44	113	4	9
S-775	<0.5	<1	14	15	3	23	3	5	<20	41	<10	<10	97	3	4
S-776	<0.5	<1	18	13	5	20	3	6	<20	33	<10	<10	112	4	4
S-777	1.1	<1	9	17	1	20	3	4	<20	24	<10	<10	93	2	4
S-778	1.1	<1	<5	15	<1	25	2	4	<20	19	<10	<10	98	2	5
S-779	1.2	<1	17	18	8	32	5	7	<20	38	<10	<10	105	4	7
S-780	<0.5	<1	8	13	1	19	3	4	<20	20	<10	<10	97	3	5
S-781	<0.5	<1	13	13	3	21	3	6	<20	38	<10	<10	131	4	3
S-782	1.6	<1	20	63	1	34	22	6	<20	32	15	44	126	4	13
S-783	1.4	<1	<5	52	<1	38	21	4	<20	40	15	46	103	1	6
S-784	0.9	<1	17	55	<1	32	19	5	<20	36	<10	42	104	3	9
S-785	0.7	<1	<5	17	<1	25	3	3	<20	35	<10	<10	84	1	2
S-786	2.0	<1	22	60	3	30	18	7	<20	28	42	31	114	5	9
S-787	1.2	<1	14	15	3	20	3	5	<20	31	<10	<10	92	3	9
S-788	1.1	<1	12	14	2	22	3	5	<20	27	<10	<10	94	3	7
S-789	1.3	<1	8	18	1	23	3	4	<20	34	<10	<10	82	3	6
S-790	1.9	<1	12	18	4	22	4	4	<20	56	<10	<10	81	6	5
S-791	2.0	<1	8	12	<1	17	3	3	<20	32	<10	<10	98	3	1
S-792	2.1	<1	9	15	2	22	3	3	<20	25	<10	<10	94	3	4
S-793	2.6	<1	17	15	5	24	3	5	<20	21	<10	<10	105	5	8
S-794	1.6	<1	7	16	<1	19	3	3	<20	16	<10	<10	62	2	12
S-795	2.1	<1	8	57	<1	34	16	4	<20	26	24	46	100	3	8
S-796	1.2	<1	7	15	<1	22	3	4	<20	24	<10	<10	90	2	3
S-797	2.7	<1	25	56	1	30	19	5	<20	25	32	44	107	5	8

n= 551 samples

max:	10.8	8	42	67	27	44	58	9	<20	102	42	52	156	18	33
min:	<0.5	<1	<5	<2	<1	6	<1	1	<20	2	<10	<10	42	1	<1
1st quartile:	<0.5	<1	9	6	3	16	2	3	<20	20	<10	<10	73	3	2
median:	<0.5	<1	14	8	5	18	3	4	<20	29	<10	<10	84	4	4
3rd quartile:	<0.5	2	19	12	7	22	4	5	<20	39	<10	<10	98	5	7
95% ile:	5.1	4	29	33	12	28	16	6	<20	61	15	18	123	9	14



**APPENDIX 2**

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
1100N 050W	44	0.7	85	141	<2	15	27	43	4.10	1678	3	22	33	<5	203
1100N 025W	39	1.5	82	125	<2	15	25	41	4.02	1792	3	19	27	<5	221
1100N 00	32	1.6	60	153	<2	11	18	31	3.28	1470	2	16	19	<5	183
1100N 025E	22	1.3	63	105	<2	10	21	30	3.66	1205	2	16	20	<5	176
1100N 050E	14	1.1	77	118	<2	14	26	40	4.29	1296	3	24	18	<5	205
1050N 075W	11	0.9	92	89	<2	11	25	34	4.02	622	2	18	28	<5	145
1050N 050W	14	1.0	60	116	<2	13	26	34	4.06	1321	2	17	24	<5	178
1050N 025W	7	0.5	51	153	<2	16	25	38	4.18	2130	2	19	26	<5	217
1050N 00	10	0.5	51	156	<2	15	24	46	3.76	2234	2	20	40	<5	201
1050N 025E	6	0.6	56	139	<2	17	19	37	3.79	2487	2	17	67	<5	168
1050N 050E	9	0.5	84	164	<2	17	25	47	3.87	2190	3	20	35	<5	238
1050N 075E	14	1.1	102	135	<2	18	32	57	3.70	2199	2	25	50	<5	269
1050N 100E	8	0.5	35	146	<2	13	21	39	3.33	1334	2	17	59	<5	206
1050N 125E	7	0.7	30	144	<2	14	24	31	3.91	3699	3	17	17	<5	272
1000N 100W	5	1.2	52	125	<2	14	25	38	3.89	2223	2	19	18	<5	180
1000N 075W	8	0.3	71	137	<2	11	22	29	3.69	2057	3	18	28	<5	164
1000N 050W	38	0.6	58	109	<2	8	21	25	3.67	909	3	15	14	<5	159
1000N 025W	6	0.9	22	107	<2	12	21	28	4.12	1586	2	14	23	<5	158
1000N 00	13	0.3	65	132	<2	11	22	34	3.59	949	2	17	47	<5	157
1000N 025E	13	0.2	53	173	<2	17	32	44	4.75	1726	3	22	26	<5	219
1000N 050E	21	0.2	74	117	<2	18	26	51	4.23	2502	2	21	104	<5	170
1000N 075E	17	0.3	51	233	<2	15	25	29	4.16	2629	2	17	22	<5	208
1000N 100E	45	0.8	49	96	<2	13	23	32	3.96	1153	3	15	25	<5	148
1000N 125E	24	0.4	33	135	<2	15	28	50	4.39	2838	3	19	26	<5	154
950N 100W	121	0.6	121	107	<2	18	29	50	4.29	1200	2	24	19	<5	217
950N 075W	10	0.5	110	146	<2	21	32	65	4.62	2055	2	26	32	<5	225
950N 050W	14	<0.2	129	135	<2	19	34	55	4.69	1849	1	25	21	<5	197
950N 025W	10	<0.2	85	159	<2	20	31	51	4.73	1622	2	26	27	<5	192
950N 00	7	0.2	75	165	<2	15	30	40	4.65	1158	2	23	23	<5	189
950N 025E	8	<0.2	71	276	<2	19	31	41	4.52	2389	2	23	34	<5	230
950N 050E	11	0.5	33	59	<2	9	25	27	4.28	490	2	14	14	<5	120
950N 075E	49	0.8	60	75	<2	10	22	26	3.97	1084	2	14	15	<5	119
950N 100E	28	0.6	64	75	<2	10	20	23	3.92	882	2	12	12	<5	123
950N 125E	850	0.3	67	55	<2	31	93	72	8.20	978	5	38	<2	<5	114
950N 150E	37	0.4	23	115	<2	12	26	33	4.48	1005	1	16	16	<5	135
950N 175E	41	0.6	101	225	<2	18	40	64	4.85	827	2	29	20	<5	178
950N 200E	317	0.4	92	66	2	10	25	71	5.43	568	5	16	15	<5	152
900N 100W	8	0.6	68	96	<2	12	30	36	4.79	773	3	19	5	<5	140
900N 075W	16	0.9	84	126	<2	15	31	52	4.56	926	3	25	8	<5	209
900N 050W	6	<0.2	92	249	<2	18	35	47	5.54	1525	3	29	8	<5	241

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
1100N 050W	<0.5	2	19	11	6	14	7	2	<20	25	<10	<10	66	4	2
1100N 025W	<0.5	1	20	11	7	14	6	2	<20	26	<10	<10	64	4	3
1100N 00	<0.5	1	16	12	5	13	6	2	<20	24	<10	<10	49	4	5
1100N 025E	<0.5	<1	15	11	6	14	6	2	<20	14	<10	<10	58	4	7
1100N 050E	<0.5	<1	20	9	6	17	6	3	<20	24	<10	<10	69	4	4
1050N 075W	<0.5	<1	16	10	7	13	5	2	<20	19	<10	<10	68	4	4
1050N 050W	<0.5	1	13	10	5	16	5	2	<20	15	<10	<10	64	3	4
1050N 025W	<0.5	1	21	10	8	16	5	2	<20	22	<10	<10	65	5	2
1050N 00	<0.5	2	27	10	12	15	6	2	<20	41	<10	<10	60	9	1
1050N 025E	<0.5	1	29	10	17	13	8	2	<20	40	<10	<10	64	9	2
1050N 050E	<0.5	2	26	11	11	15	6	2	<20	50	<10	<10	62	9	2
1050N 075E	<0.5	3	27	11	16	15	7	3	<20	85	<10	<10	62	27	3
1050N 100E	<0.5	2	20	8	6	12	5	3	<20	33	<10	<10	59	5	3
1050N 125E	<0.5	1	19	10	6	18	4	2	<20	22	<10	<10	62	4	2
1000N 100W	<0.5	<1	15	10	5	14	5	2	<20	20	<10	<10	66	3	3
1000N 075W	<0.5	<1	12	9	5	14	5	2	<20	19	<10	<10	59	2	4
1000N 050W	<0.5	<1	10	10	4	15	5	2	<20	14	<10	<10	57	2	6
1000N 025W	<0.5	<1	16	12	6	13	5	2	<20	17	<10	<10	66	3	3
1000N 00	<0.5	1	17	10	5	10	6	2	<20	20	<10	<10	61	2	2
1000N 025E	<0.5	<1	18	12	6	19	7	3	<20	26	<10	<10	80	3	2
1000N 050E	<0.5	4	20	10	6	10	5	2	<20	20	<10	<10	69	4	1
1000N 075E	<0.5	<1	15	13	4	15	6	2	<20	26	<10	<10	69	3	2
1000N 100E	<0.5	<1	13	12	5	14	6	3	<20	17	<10	<10	66	4	5
1000N 125E	<0.5	<1	24	11	15	14	5	3	<20	21	<10	<10	71	10	1
950N 100W	<0.5	<1	27	11	8	17	6	3	<20	27	<10	<10	69	6	2
950N 075W	<0.5	1	32	13	15	19	7	3	<20	47	<10	<10	77	12	2
950N 050W	<0.5	<1	30	11	12	20	7	3	<20	33	<10	<10	80	8	1
950N 025W	<0.5	<1	25	10	9	17	7	3	<20	38	<10	<10	78	5	1
950N 00	<0.5	<1	16	10	5	17	6	3	<20	28	<10	<10	77	3	1
950N 025E	<0.5	<1	30	10	11	18	10	3	<20	37	<10	<10	79	4	1
950N 050E	<0.5	<1	8	10	3	14	5	3	<20	14	<10	<10	71	2	3
950N 075E	<0.5	<1	12	13	3	15	6	2	<20	12	<10	<10	65	2	4
950N 100E	<0.5	<1	10	11	3	14	5	2	<20	11	<10	<10	61	2	5
950N 125E	<0.5	<1	9	12	2	39	5	15	<20	13	<10	<10	166	6	4
950N 150E	<0.5	<1	13	11	3	15	5	3	<20	16	<10	<10	84	2	3
950N 175E	<0.5	<1	35	11	10	22	9	4	<20	22	<10	<10	85	4	12
950N 200E	<0.5	<1	10	9	5	18	4	4	<20	10	<10	<10	68	3	21
900N 100W	<0.5	<1	14	8	7	16	4	4	<20	18	<10	<10	80	3	17
900N 075W	<0.5	<1	32	6	12	20	4	4	<20	23	<10	<10	75	6	5
900N 050W	<0.5	<1	26	9	14	24	4	5	<20	40	<10	<10	89	6	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

References: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
900N 025W	24	0.2	105	356	<2	23	41	58	5.81	1929	4	35	9	<5	231
900N 00	12	0.9	157	172	<2	18	35	54	4.68	1585	3	27	22	<5	182
900N 025E	8	0.7	74	98	<2	14	27	48	4.49	641	3	23	4	<5	146
900N 050E	46	0.5	104	74	23	11	29	32	4.53	794	<1	30	<2	<5	112
900N 075E	36	0.4	201	85	<2	22	33	60	5.96	1023	3	22	9	<5	121
900N 100E	24	0.6	66	96	<2	15	37	50	4.94	1191	3	27	9	<5	179
900N 125E	157	0.2	105	56	<2	15	23	69	5.15	1125	3	16	5	<5	124
900N 150E	399	0.5	321	119	<2	25	23	71	6.80	1889	4	18	14	<5	273
900N 175E	27	0.3	94	264	<2	13	36	32	5.04	448	3	22	34	<5	123
900N 200E	14	0.4	43	83	<2	11	28	33	4.42	885	3	16	14	<5	129
850N 100W	22	1.3	171	110	<2	14	28	51	5.47	1090	3	21	27	<5	220
850N 075W	13	1.1	60	127	<2	9	26	33	4.57	986	2	17	9	<5	141
850N 050W	16	0.4	59	127	<2	16	37	49	4.90	1288	3	27	22	<5	185
850N 025W	20	0.2	99	153	<2	16	35	55	5.04	1212	3	25	7	<5	174
850N 00	43	5.6	253	169	<2	30	37	79	7.29	1868	3	35	75	<5	235
850N 025E	75	1.5	1018	99	<2	15	25	70	5.96	1492	3	18	74	<5	163
850N 050E	9	0.8	133	96	<2	13	25	32	4.44	1615	2	16	26	<5	111
850N 075E	170	0.2	509	91	<2	8	17	19	3.79	1151	2	12	<2	<5	82
850N 100E	14	0.2	28	76	<2	9	29	31	4.36	709	2	17	<2	<5	80
850N 125E	17	0.4	107	52	17	13	20	44	4.95	614	3	19	<2	8	70
850N 150E	27	0.2	45	173	<2	11	25	29	4.87	992	2	16	18	<5	71
850N 175E	28	0.5	12	52	<2	5	16	17	3.46	397	2	13	15	<5	82
850N 200E	13	0.3	51	80	<2	8	25	24	4.69	750	3	13	15	<5	87
850N 225E	<5	0.5	31	71	<2	11	18	37	3.66	758	3	13	8	<5	77
850N 250E	<5	0.3	18	56	<2	6	22	30	4.02	471	3	13	4	<5	76
850N 275E	9	0.5	127	83	23	11	25	31	4.22	1161	<1	22	50	24	120
850N 300E	125	0.8	35	73	26	9	27	39	4.53	701	5	21	52	13	133
800N 100W	13	0.4	44	84	<2	9	25	26	4.40	873	2	15	6	<5	119
800N 075W	19	0.5	49	105	7	11	29	42	4.73	1327	<1	24	14	9	173
800N 050W	35	0.4	60	107	<2	11	26	27	4.41	1297	3	16	6	<5	121
800N 025W	42	0.3	58	83	<2	12	30	43	4.78	927	2	19	<2	<5	112
800N 00	24	0.3	94	91	25	14	34	47	4.92	718	3	25	6	<5	143
800N 025E	26	0.2	257	72	<2	15	31	61	4.29	488	2	25	<2	<5	186
800N 050E	27	0.3	105	72	<2	15	29	50	3.70	555	2	25	<2	<5	112
800N 075E	30	0.2	37	54	<2	11	15	27	2.80	864	2	11	<2	<5	66
800N 100E	88	<0.2	36	56	<2	7	23	98	4.25	235	2	14	<2	<5	62
800N 125E	27	0.3	50	67	<2	7	20	23	4.69	495	5	11	<2	<5	39
800N 150E	32	<0.2	79	39	<2	7	14	29	2.71	502	2	14	<2	<5	48
800N 175E	27	0.3	48	78	<2	9	19	36	3.59	1020	2	15	44	<5	107
800N 200E	40	0.3	78	81	<2	13	30	64	4.10	1011	3	22	6	<5	145

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
900N 025W	<0.5	<1	34	10	15	24	5	5	<20	46	<10	<10	99	5	2
900N 00	<0.5	<1	32	10	34	19	5	5	<20	58	<10	<10	80	28	1
900N 025E	<0.5	<1	16	7	8	20	4	4	<20	22	<10	<10	71	4	7
900N 050E	<0.5	<1	<5	<2	4	20	<1	3	36	19	35	<10	73	3	6
900N 075E	<0.5	<1	14	10	8	17	4	3	<20	30	<10	<10	94	4	1
900N 100E	<0.5	<1	20	10	10	20	5	3	<20	18	<10	<10	75	4	4
900N 125E	<0.5	<1	19	6	10	14	3	3	<20	16	<10	<10	63	5	4
900N 150E	<0.5	1	33	8	15	16	4	5	<20	12	<10	<10	75	8	3
900N 175E	<0.5	<1	29	9	15	24	8	4	<20	11	12	<10	86	3	16
900N 200E	<0.5	<1	12	8	7	19	4	3	<20	16	<10	<10	74	3	6
850N 100W	<0.5	<1	18	8	9	19	4	3	<20	25	<10	<10	80	4	2
850N 075W	<0.5	<1	16	9	10	20	4	3	<20	17	<10	<10	67	3	3
850N 050W	<0.5	<1	54	7	13	21	4	5	<20	30	<10	<10	80	6	3
850N 025W	<0.5	<1	32	6	13	22	4	4	<20	35	<10	<10	81	5	2
850N 00	<0.5	<1	73	8	24	25	7	4	<20	50	<10	<10	97	12	1
850N 025E	<0.5	<1	15	8	8	15	3	3	<20	21	12	<10	69	4	2
850N 050E	<0.5	<1	11	8	7	14	3	3	<20	17	<10	<10	76	2	5
850N 075E	<0.5	<1	11	7	7	14	2	3	<20	11	<10	<10	55	3	10
850N 100E	<0.5	<1	11	6	8	16	3	3	<20	17	<10	<10	68	2	5
850N 125E	<0.5	<1	<5	10	8	16	3	3	<20	13	<10	<10	60	3	12
850N 150E	<0.5	<1	28	9	16	14	4	3	<20	14	<10	<10	82	3	2
850N 175E	<0.5	<1	6	6	5	13	3	3	<20	10	<10	<10	44	2	22
850N 200E	<0.5	<1	11	9	7	15	3	3	<20	21	<10	<10	81	2	3
850N 225E	<0.5	<1	20	9	12	14	3	3	<20	11	<10	<10	49	5	5
850N 250E	<0.5	<1	8	8	6	15	3	3	<20	14	<10	<10	64	2	6
850N 275E	<0.5	<1	<5	13	6	15	3	3	<20	12	<10	<10	67	3	9
850N 300E	<0.5	<1	14	15	8	15	6	3	<20	12	18	<10	71	3	8
800N 100W	<0.5	<1	11	7	9	18	3	3	<20	20	<10	<10	72	2	2
800N 075W	<0.5	<1	11	14	9	19	4	5	<20	23	20	<10	73	5	4
800N 050W	<0.5	<1	10	7	8	18	2	3	<20	23	<10	<10	75	2	3
800N 025W	<0.5	<1	19	8	11	19	4	4	<20	20	<10	<10	80	4	3
800N 00	<0.5	<1	15	19	11	18	8	4	<20	28	14	<10	78	6	5
800N 025E	<0.5	<1	26	4	10	24	2	5	<20	21	<10	<10	70	6	12
800N 050E	<0.5	<1	16	5	7	18	2	4	<20	15	<10	<10	68	5	19
800N 075E	<0.5	<1	8	6	3	12	1	3	<20	7	<10	<10	37	3	23
800N 100E	<0.5	<1	18	8	9	16	3	3	<20	10	<10	<10	59	5	17
800N 125E	<0.5	<1	7	4	5	10	2	3	<20	11	18	<10	64	3	19
800N 150E	<0.5	<1	7	5	4	12	2	3	<20	9	<10	<10	40	3	40
800N 175E	<0.5	<1	9	8	5	14	3	3	<20	15	<10	<10	54	3	18
800N 200E	<0.5	<1	19	7	9	19	2	4	<20	19	<10	<10	73	5	8

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
800N 225E	43	0.2	162	110	<2	18	18	36	6.29	4428	4	15	17	<5	152
800N 250E	13	0.3	62	97	<2	14	23	45	3.92	1411	3	18	10	<5	133
800N 275E	18	0.5	52	74	<2	8	19	36	3.30	459	2	16	18	<5	92
800N 300E	29	0.6	50	75	<2	18	58	75	3.86	1542	2	29	43	<5	141
750N 100W	25	0.5	66	72	<2	10	25	36	4.30	928	2	16	<2	<5	113
750N 075W	12	0.5	41	92	<2	11	23	33	3.81	906	3	16	<2	<5	110
750N 050W	12	0.2	45	73	<2	13	32	53	4.52	576	2	26	<2	<5	151
750N 025W	9	0.6	38	92	<2	11	27	35	4.02	1379	2	18	4	<5	130
750N 00	108	0.3	31	77	19	10	30	37	4.70	611	4	15	4	14	109
750N 025E	<5	0.5	28	69	<2	10	18	24	3.39	686	2	10	<2	<5	74
750N 050E	11	0.2	80	62	<2	7	21	32	3.68	362	2	16	<2	<5	79
750N 075E	45	<0.2	35	55	<2	10	26	88	4.21	460	3	21	<2	<5	79
750N 100E	25	<0.2	35	73	<2	10	27	41	3.56	718	2	20	2	<5	112
750N 125E	47	<0.2	48	68	<2	14	27	64	3.90	1082	3	20	4	<5	123
750N 150E	130	0.2	16	86	8	15	31	59	4.22	993	4	31	7	<5	137
750N 175E	32	0.4	54	147	<2	17	37	67	4.08	831	2	26	8	<5	137
750N 200E	396	0.5	106	90	<2	26	32	83	4.42	2438	3	22	18	<5	145
750N 225E	44	0.8	92	63	<2	14	26	56	3.59	1154	2	20	153	<5	331
750N 250E	35	0.2	105	121	13	18	44	66	4.27	1388	<1	27	12	<5	202
750N 275E	20	0.3	32	67	<2	15	54	59	3.48	1281	2	28	44	<5	200
750N 300E	127	0.4	138	88	<2	20	59	62	3.84	1959	2	29	101	<5	229
700N 100W	42	<0.2	68	61	<2	10	28	57	3.84	521	2	20	<2	<5	112
700N 075W	18	0.4	39	82	<2	10	28	36	4.15	574	3	15	<2	<5	107
700N 050W	32	0.3	101	72	<2	12	25	44	3.43	442	2	17	<2	<5	111
700N 025W	<5	0.3	62	72	<2	7	18	30	2.98	475	2	12	<2	<5	73
700N 00	13	0.2	28	76	<2	7	24	43	3.98	677	3	15	<2	<5	80
700N 025E	8	0.2	47	72	<2	7	21	32	3.88	707	2	12	<2	<5	75
700N 050E	37	0.3	69	77	<2	14	28	60	3.87	593	2	20	3	<5	115
700N 075E	17	<0.2	50	83	<2	16	26	51	3.88	1080	2	22	2	<5	127
700N 100E	35	0.2	22	93	<2	15	29	53	3.64	1052	2	21	4	<5	127
700N 125E	127	<0.2	33	137	<2	17	35	52	3.86	2128	2	22	16	<5	121
700N 150E	29	0.2	48	471	<2	21	51	69	4.72	1966	2	32	22	<5	149
700N 175E	116	0.2	61	103	<2	19	42	61	4.02	1431	2	29	14	<5	138
700N 200E	34	0.3	50	132	<2	18	40	66	3.90	2199	2	24	40	<5	189
700N 225E	917	0.2	88	75	<2	21	64	79	4.31	1211	3	33	46	<5	246
700N 250E	421	0.4	68	139	<2	36	46	125	5.07	2658	3	32	163	<5	746
700N 275E	191	1.0	86	105	<2	32	52	107	4.78	2659	2	33	397	<5	846
700N 300E	51	1.4	122	104	<2	31	49	153	5.22	1808	3	38	227	<5	739
650N 100W	195	0.2	94	74	26	12	27	34	3.66	1386	4	18	39	<5	123
650N 075W	8	<0.2	25	211	<2	10	31	28	4.86	2857	4	16	17	<5	100

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
800N 225E	<0.5	<1	38	11	10	16	2	4	<20	21	<10	<10	57	7	2
800N 250E	<0.5	<1	20	11	9	16	3	4	<20	13	<10	<10	61	6	12
800N 275E	<0.5	<1	30	7	8	15	4	3	<20	12	<10	<10	48	5	25
800N 300E	<0.5	<1	26	6	11	17	2	3	<20	20	<10	<10	70	6	2
750N 100W	<0.5	<1	12	8	7	18	2	3	<20	17	<10	<10	66	3	4
750N 075W	<0.5	<1	12	7	6	17	3	3	<20	20	<10	<10	67	3	8
750N 050W	<0.5	<1	16	5	7	21	3	5	<20	25	<10	<10	80	4	7
750N 025W	<0.5	<1	11	7	6	20	2	3	<20	20	<10	<10	69	2	3
750N 00	<0.5	<1	5	9	6	19	3	3	41	19	<10	<10	74	4	9
750N 025E	<0.5	<1	8	10	4	14	3	2	<20	9	<10	<10	53	2	10
750N 050E	<0.5	<1	13	7	8	17	2	3	<20	9	<10	<10	53	4	28
750N 075E	<0.5	<1	21	5	11	16	3	4	<20	11	<10	<10	54	6	25
750N 100E	<0.5	<1	21	6	11	18	3	4	<20	16	<10	<10	62	5	12
750N 125E	<0.5	<1	16	7	9	16	2	3	<20	20	<10	<10	63	5	3
750N 150E	<0.5	<1	-5	<2	9	16	<1	4	<20	23	<10	<10	73	6	12
750N 175E	<0.5	<1	30	8	12	19	3	5	<20	26	<10	<10	77	6	6
750N 200E	<0.5	<1	18	10	8	17	3	3	<20	29	<10	<10	73	5	2
750N 225E	<0.5	<1	39	9	14	15	3	6	<20	15	<10	<10	55	13	15
750N 250E	<0.5	<1	16	<2	10	16	<1	4	26	24	<10	<10	68	8	8
750N 275E	<0.5	<1	34	7	19	16	4	3	<20	27	<10	<10	63	11	3
750N 300E	<0.5	<1	24	10	12	18	3	2	<20	29	<10	<10	67	7	2
700N 100W	<0.5	<1	13	6	7	17	3	4	<20	19	<10	<10	66	3	9
700N 075W	<0.5	<1	10	7	6	17	3	3	<20	17	<10	<10	70	3	5
700N 050W	<0.5	<1	18	6	7	17	3	5	<20	17	<10	<10	61	5	31
700N 025W	<0.5	<1	7	7	5	15	3	3	<20	9	<10	<10	43	3	24
700N 00	<0.5	<1	13	8	8	14	3	3	<20	17	<10	<10	55	3	7
700N 025E	<0.5	<1	10	12	6	13	3	3	<20	9	<10	<10	58	2	10
700N 050E	<0.5	<1	19	10	8	17	4	4	<20	19	<10	<10	66	5	15
700N 075E	<0.5	<1	15	8	7	16	3	3	<20	18	<10	<10	61	3	5
700N 100E	<0.5	<1	17	8	8	16	3	3	<20	18	<10	<10	63	4	6
700N 125E	<0.5	<1	19	9	8	15	3	3	<20	25	<10	<10	70	4	2
700N 150E	<0.5	<1	53	11	24	24	6	5	<20	50	<10	<10	97	5	2
700N 175E	<0.5	<1	31	9	13	18	4	3	<20	21	<10	<10	69	7	4
700N 200E	<0.5	1	22	9	10	16	3	3	<20	26	<10	<10	66	6	3
700N 225E	<0.5	<1	26	9	12	19	4	3	<20	23	<10	<10	75	7	2
700N 250E	<0.5	4	20	10	9	27	3	4	<20	32	<10	<10	72	6	2
700N 275E	<0.5	6	25	9	11	22	3	4	<20	33	<10	<10	75	7	2
700N 300E	<0.5	2	31	8	13	21	3	5	<20	25	<10	<10	79	7	3
650N 100W	<0.5	2	15	40	6	17	17	3	<20	17	30	17	59	3	9
650N 075W	<0.5	<1	39	12	19	20	3	3	<20	20	<10	<10	65	3	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
650N 050W	68	0.4	46	94	<2	9	22	54	4.47	1098	2	15	20	<5	131
650N 025W	16	0.2	<5	113	30	11	22	36	3.90	1014	1	24	37	17	140
650N 00	41	<0.2	48	125	<2	19	35	82	4.67	800	1	26	4	<5	141
650N 025E	117	<0.2	59	138	2	19	34	51	4.16	1470	2	22	4	<5	133
650N 050E	141	<0.2	42	90	<2	14	47	54	3.76	932	2	23	5	<5	120
650N 075E	35	0.2	23	116	<2	17	47	62	4.20	1296	2	26	9	<5	147
650N 100E	73	<0.2	45	103	<2	20	53	75	4.53	1313	2	31	14	<5	169
650N 125E	111	<0.2	67	68	3	30	40	120	4.20	1580	3	31	13	<5	127
650N 150E	55	0.3	71	233	<2	35	55	151	4.88	1776	3	31	23	<5	130
650N 175E	105	<0.2	54	340	<2	30	88	89	5.47	1897	2	58	19	<5	163
650N 200E	114	0.2	79	100	<2	28	48	106	4.94	1977	3	34	34	<5	185
650N 225E	192	0.2	62	100	<2	27	56	124	4.95	1588	4	34	21	<5	157
650N 250E	500	0.3	71	127	<2	24	53	128	5.57	1594	4	35	38	<5	255
650N 275E	173	0.6	108	194	<2	25	32	113	5.41	3338	3	30	102	<5	398
650N 300E	88	1.4	120	128	2	26	30	129	5.90	1178	4	28	65	<5	274
600N 100W	20	0.4	85	153	<2	11	24	49	3.73	2238	2	19	25	<5	145
600N 075W	55	0.2	56	96	<2	15	31	64	3.49	1295	2	22	29	<5	157
600N 050W	15	0.4	27	124	<2	12	33	46	3.26	1472	2	21	28	<5	113
600N 025W	42	<0.2	38	92	<2	17	43	55	3.83	1039	2	24	3	<5	121
600N 00	320	<0.2	40	150	<2	18	42	50	4.06	1508	2	23	7	<5	140
600N 025E	128	<0.2	44	217	<2	18	40	51	4.12	1544	2	25	12	<5	175
600N 050E	29	0.2	29	118	<2	20	49	62	4.14	1157	2	27	8	<5	153
600N 075E	33	0.2	49	130	<2	22	47	67	4.81	1838	2	29	10	<5	181
600N 100E	96	0.2	68	124	<2	25	51	102	5.30	1415	2	32	11	<5	174
600N 125E	90	0.3	90	257	<2	27	43	112	5.25	2613	3	33	27	<5	195
600N 150E	69	0.2	80	216	<2	25	45	100	4.77	2223	3	31	26	<5	195
600N 175E	83	0.5	84	197	<2	25	35	90	4.57	1418	3	24	14	<5	217
600N 200E	128	0.2	71	174	4	21	47	66	4.71	2362	2	28	39	<5	242
600N 225E	106	0.6	106	147	<2	24	40	86	5.17	2460	4	28	59	<5	265
600N 250E	841	1.2	87	126	<2	22	31	146	5.21	1810	5	27	51	<5	206
600N 275E	101	3.4	87	249	<2	25	26	164	5.40	2765	4	25	51	<5	232
600N 300E	41	0.7	67	403	2	28	25	150	5.28	4766	3	24	49	<5	317
550N 100W	66	0.3	87	129	<2	18	31	65	4.20	1549	2	22	19	<5	171
550N 075W	33	<0.2	122	117	14	22	32	68	4.79	1158	4	30	34	7	172
550N 050W	40	<0.2	51	125	<2	19	40	57	4.25	933	2	24	11	<5	148
550N 025W	44	<0.2	66	119	<2	19	44	69	4.08	979	2	26	9	<5	133
550N 00	24	0.2	39	100	<2	16	52	56	3.85	802	2	25	8	<5	148
550N 025E	147	0.2	97	121	<2	20	35	61	4.36	1564	2	22	15	<5	164
550N 050E	39	0.2	54	155	<2	18	41	68	4.41	1348	2	30	8	<5	176
550N 075E	31	<0.2	53	151	<2	21	44	68	4.54	2246	1	27	19	<5	207



Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
650N 050W	<0.5	<1	14	8	8	15	4	4	<20	11	<10	<10	62	3	4
650N 025W	<0.5	<1	<5	36	6	19	14	3	<20	14	21	19	58	3	9
650N 00	<0.5	<1	21	9	7	17	4	6	<20	38	<10	<10	89	5	4
650N 025E	<0.5	<1	17	10	9	16	4	4	<20	35	<10	<10	77	5	3
650N 050E	<0.5	<1	17	8	9	16	4	4	<20	22	<10	<10	68	4	3
650N 075E	<0.5	<1	19	7	9	18	3	4	<20	26	<10	<10	77	4	3
650N 100E	<0.5	<1	25	10	11	19	4	5	<20	30	12	<10	84	6	2
650N 125E	<0.5	<1	26	8	12	17	3	3	<20	19	<10	<10	69	8	3
650N 150E	<0.5	<1	34	9	18	19	5	4	<20	30	<10	<10	81	6	2
650N 175E	<0.5	<1	55	12	23	24	8	5	<20	50	<10	<10	97	5	5
650N 200E	<0.5	<1	22	10	10	21	4	3	<20	41	<10	<10	81	6	1
650N 225E	<0.5	<1	23	8	10	19	3	4	<20	27	<10	<10	78	6	2
650N 250E	<0.5	<1	21	11	11	22	4	5	<20	26	<10	<10	91	6	2
650N 275E	<0.5	2	22	11	11	19	4	4	<20	27	<10	<10	82	5	2
650N 300E	<0.5	1	38	6	14	14	3	7	<20	21	<10	<10	71	9	2
600N 100W	<0.5	<1	13	10	7	16	3	3	<20	19	<10	<10	59	3	5
600N 075W	<0.5	<1	16	8	7	14	4	4	<20	24	<10	<10	60	4	6
600N 050W	<0.5	<1	11	10	7	12	4	3	<20	24	<10	<10	55	3	9
600N 025W	<0.5	<1	25	9	12	17	4	4	<20	26	<10	<10	70	7	7
600N 00	<0.5	<1	17	10	9	18	3	4	<20	28	<10	<10	71	4	3
600N 025E	<0.5	<1	19	9	10	19	3	4	<20	28	<10	<10	71	4	4
600N 050E	<0.5	<1	19	9	9	19	3	4	<20	28	<10	<10	75	4	4
600N 075E	<0.5	<1	17	9	9	21	3	4	<20	25	<10	<10	82	4	2
600N 100E	<0.5	<1	16	9	9	22	3	4	<20	23	<10	<10	89	4	2
600N 125E	<0.5	<1	22	9	8	20	3	4	<20	35	<10	<10	90	4	3
600N 150E	<0.5	<1	24	8	10	19	4	4	<20	23	<10	<10	80	5	3
600N 175E	<0.5	<1	16	9	8	20	4	3	<20	27	<10	<10	68	4	5
600N 200E	<0.5	1	12	10	7	18	3	3	<20	30	<10	<10	77	3	1
600N 225E	<0.5	1	16	10	10	17	3	3	<20	25	<10	<10	81	5	1
600N 250E	<0.5	<1	15	10	7	17	3	4	<20	40	<10	<10	95	4	<1
600N 275E	<0.5	1	20	9	9	15	2	5	<20	31	<10	<10	80	6	<1
600N 300E	<0.5	6	22	10	10	14	3	5	<20	56	<10	<10	73	8	<1
550N 100W	<0.5	<1	18	8	9	15	3	4	<20	23	<10	<10	75	4	2
550N 075W	<0.5	<1	11	18	10	17	4	6	<20	27	<10	<10	84	9	13
550N 050W	<0.5	<1	16	10	9	17	3	3	<20	22	<10	<10	73	5	4
550N 025W	<0.5	<1	19	9	9	17	3	4	<20	21	<10	<10	73	5	6
550N 00	<0.5	<1	14	8	8	17	3	3	<20	20	<10	<10	70	4	3
550N 025E	<0.5	<1	15	10	7	16	3	4	<20	30	<10	<10	80	4	2
550N 050E	<0.5	<1	18	9	9	19	3	4	<20	20	<10	<10	77	4	3
550N 075E	<0.5	<1	17	10	8	18	3	3	<20	26	<10	<10	79	4	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
550N 100E	298	0.3	105	135	<2	36	54	158	6.30	2269	3	39	32	<5	217
550N 125E	277	<0.2	104	167	<2	29	40	108	5.58	2519	3	31	31	<5	228
550N 150E	570	0.5	117	157	<2	28	42	127	5.51	1860	4	33	35	<5	237
550N 175E	169	0.4	84	173	3	22	44	103	5.03	2419	3	33	30	<5	217
550N 200E	79	0.5	74	367	<2	22	37	87	4.99	3869	3	27	67	<5	265
550N 225E	484	0.7	103	122	<2	25	33	256	5.57	1612	5	25	38	<5	189
550N 250E	140	0.7	95	140	<2	26	28	208	5.41	2072	5	25	41	<5	197
550N 275E	48	0.8	70	254	<2	26	28	236	6.04	2615	4	23	35	<5	225
550N 300E	50	0.7	73	406	<2	27	28	286	6.70	3748	4	25	45	<5	199
500N 100W	22	0.2	54	123	32	19	38	67	4.15	1312	3	30	12	<5	142
500N 075W	16	0.2	34	97	<2	14	52	58	3.83	698	2	25	5	<5	117
500N 050W	356	0.4	52	84	<2	17	44	71	3.83	854	3	25	5	<5	124
500N 025W	28	0.3	51	163	2	20	38	61	4.36	1769	2	24	13	<5	163
500N 00	20	0.3	66	109	<2	17	37	66	4.54	823	2	25	10	<5	167
500N 025E	46	0.5	50	105	3	21	38	79	4.70	1018	2	25	19	<5	177
500N 050E	46	0.4	61	122	<2	24	36	87	5.01	1303	2	27	23	<5	205
500N 075E	87	0.2	87	125	<2	31	43	154	5.76	1417	4	32	18	<5	198
500N 100E	144	0.5	25	145	17	34	54	176	6.22	1192	4	50	43	<5	220
500N 125E	44	0.3	133	150	<2	24	38	98	5.19	1994	3	33	51	<5	234
500N 150E	68	1.1	120	226	2	25	32	96	5.52	2650	3	32	75	<5	289
500N 175E	45	0.8	157	285	3	27	32	90	5.84	2740	3	31	91	<5	342
500N 200E	52	0.9	122	212	<2	28	32	134	5.96	2541	3	31	46	<5	282
500N 225E	53	2.2	103	327	<2	27	48	320	5.78	2625	5	42	28	<5	203
500N 250E	388	1.8	98	178	<2	23	35	338	6.02	1530	4	25	11	<5	183
500N 275E	50	1.2	20	197	18	20	40	423	5.97	1611	<1	29	27	32	191
500N 300E	123	1.2	131	167	<2	23	42	176	6.65	1151	7	44	22	<5	350
450N 100W	58	0.3	51	152	<2	19	50	64	4.20	2058	2	26	8	<5	141
450N 075W	45	0.4	64	159	<2	19	40	58	4.10	2117	2	24	9	<5	149
450N 050W	21	0.3	52	152	<2	17	35	47	4.01	1924	2	20	12	<5	191
450N 025W	234	0.3	29	136	<2	19	43	62	4.16	1268	2	26	10	<5	202
450N 00	39	0.4	47	143	<2	20	53	79	4.73	1310	3	31	15	<5	239
450N 025E	51	0.5	83	82	<2	21	36	90	4.50	815	2	28	22	<5	165
450N 050E	124	0.4	134	123	16	31	46	162	5.73	1152	1	44	31	20	209
450N 075E	136	0.4	106	182	<2	27	42	129	5.25	1986	3	31	20	<5	228
450N 100E	84	0.5	91	207	<2	24	44	102	5.15	2844	3	33	31	<5	270
450N 125E	48	1.1	145	193	<2	25	36	94	5.28	2376	3	29	74	<5	286
450N 150E	42	0.8	148	199	<2	25	32	96	5.83	1812	5	31	61	<5	320
450N 175E	34	1.4	107	279	<2	23	28	91	5.47	1966	4	28	52	<5	328
450N 200E	51	1.4	106	186	<2	25	31	124	5.95	2181	4	28	76	<5	324
450N 225E	49	0.6	85	198	<2	21	31	161	5.29	2028	3	29	39	<5	272

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
550N 100E	<0.5	<1	20	10	9	21	2	7	<20	21	<10	<10	107	7	4
550N 125E	<0.5	<1	17	11	8	19	3	5	<20	24	<10	<10	95	5	2
550N 150E	<0.5	<1	24	10	11	19	3	5	<20	21	<10	<10	94	7	4
550N 175E	<0.5	<1	18	9	10	19	3	4	<20	20	<10	<10	86	6	3
550N 200E	<0.5	2	17	10	9	18	3	4	<20	39	<10	<10	83	4	1
550N 225E	<0.5	<1	18	9	9	17	2	6	<20	30	<10	<10	102	6	<1
550N 250E	<0.5	<1	18	9	8	17	2	5	<20	37	<10	<10	87	5	<1
550N 275E	<0.5	1	13	9	7	18	2	5	<20	33	<10	<10	84	5	1
550N 300E	<0.5	1	24	11	12	16	2	7	<20	38	<10	<10	92	9	2
500N 100W	<0.5	<1	15	14	11	15	2	4	<20	23	<10	<10	74	7	9
500N 075W	<0.5	<1	13	7	8	16	3	4	<20	26	<10	<10	73	4	6
500N 050W	<0.5	<1	20	8	10	15	3	4	<20	24	<10	<10	69	5	7
500N 025W	<0.5	<1	16	10	8	18	2	4	<20	28	<10	<10	78	5	4
500N 00	<0.5	<1	15	9	8	19	2	4	<20	21	<10	<10	79	5	8
500N 025E	<0.5	<1	15	9	7	18	2	4	<20	22	<10	<10	82	5	5
500N 050E	<0.5	1	19	8	8	20	2	5	<20	26	<10	<10	84	5	4
500N 075E	<0.5	<1	17	8	7	20	2	5	<20	28	<10	<10	100	5	3
500N 100E	<0.5	1	9	15	8	20	3	6	26	23	<10	<10	109	6	4
500N 125E	<0.5	<1	21	10	10	18	3	4	<20	24	11	<10	85	5	3
500N 150E	<0.5	2	28	10	13	18	3	5	<20	28	<10	<10	88	7	2
500N 175E	<0.5	3	28	3	12	15	4	5	<20	35	<10	<10	80	8	2
500N 200E	<0.5	2	22	<2	9	15	3	5	<20	32	<10	<10	80	6	2
500N 225E	<0.5	<1	31	3	12	21	3	6	<20	38	<10	<10	93	5	4
500N 250E	<0.5	<1	10	2	5	20	1	6	<20	29	<10	<10	104	4	2
500N 275E	<0.5	<1	<5	9	2	22	6	5	<20	27	<10	<10	101	4	3
500N 300E	<0.5	1	18	<2	8	16	1	6	<20	29	<10	<10	97	6	<1
450N 100W	<0.5	<1	15	4	7	14	3	4	<20	21	<10	<10	76	4	4
450N 075W	<0.5	<1	13	5	6	16	3	3	<20	24	<10	<10	69	3	3
450N 050W	<0.5	<1	13	5	6	16	2	3	<20	21	<10	<10	64	3	5
450N 025W	<0.5	<1	14	5	6	17	3	4	<20	22	<10	<10	68	5	8
450N 00	<0.5	<1	15	3	6	20	7	4	<20	25	<10	<10	78	4	3
450N 025E	<0.5	<1	18	2	7	15	4	4	<20	22	<10	<10	71	5	6
450N 050E	<0.5	<1	15	19	6	20	14	5	<20	21	17	13	94	6	8
450N 075E	<0.5	<1	15	3	7	21	3	5	<20	23	<10	<10	86	5	4
450N 100E	<0.5	1	17	3	7	18	3	4	<20	24	<10	<10	83	4	2
450N 125E	<0.5	1	26	3	12	16	5	4	<20	29	<10	<10	82	8	3
450N 150E	<0.5	1	26	4	11	14	4	5	<20	39	10	<10	84	8	1
450N 175E	<0.5	3	24	4	10	13	4	5	<20	54	<10	<10	75	7	3
450N 200E	<0.5	1	22	<2	10	15	3	5	<20	21	<10	<10	83	5	1
450N 225E	<0.5	2	25	3	11	17	3	5	<20	42	<10	<10	81	7	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
450N 250E	314	0.5	41	142	<2	17	40	369	4.80	1096	3	24	12	<5	180
450N 275E	241	0.6	58	145	<2	21	37	326	5.14	1660	4	25	15	<5	178
450N 300E	89	0.8	102	181	<2	26	42	173	6.41	1237	4	44	14	<5	370
400N 100W	37	<0.2	44	157	3	18	39	48	4.10	1249	2	24	6	<5	156
400N 075W	37	0.2	57	150	<2	18	35	48	4.53	1773	2	21	16	<5	153
400N 050W	36	0.3	68	122	<2	20	38	59	4.57	1500	2	24	19	<5	176
400N 025W	104	0.3	49	142	<2	18	38	46	4.41	2043	2	21	27	<5	192
400N 00	36	0.5	85	164	<2	24	41	78	5.17	2234	3	25	29	<5	213
400N 025E	44	0.3	73	186	<2	29	40	119	5.46	2418	3	29	47	<5	260
400N 050E	90	0.2	100	123	<2	25	40	98	4.97	1536	2	32	34	<5	210
400N 075E	126	0.3	101	136	<2	25	39	175	5.95	1025	4	33	37	<5	297
400N 100E	57	0.5	137	173	<2	27	36	142	6.17	1589	4	38	38	<5	340
400N 125E	32	0.3	141	270	3	24	33	102	5.64	1668	3	34	51	<5	367
400N 150E	41	0.8	120	199	<2	24	26	97	5.60	1500	4	27	54	<5	305
400N 175E	154	0.5	98	297	<2	21	32	159	5.32	2218	4	29	33	<5	335
400N 200E	197	0.4	78	325	<2	20	35	155	4.87	3361	4	28	55	<5	564
400N 225E	39	0.8	45	241	<2	23	52	244	5.16	1785	3	31	11	<5	206
400N 250E	36	0.7	59	301	<2	22	47	188	5.30	2341	2	32	17	<5	316
400N 275E	47	1.1	61	112	2	20	34	193	4.95	1775	5	20	21	<5	186
400N 300E	29	1.1	81	166	3	21	30	138	5.33	1410	3	23	26	<5	277
350N 100W	125	0.7	73	126	<2	28	41	94	5.49	1404	2	33	15	<5	127
350N 075W	102	0.3	62	117	4	29	42	122	5.73	1815	2	28	15	<5	146
350N 050W	125	0.2	67	278	2	25	36	87	5.29	3036	2	28	29	<5	226
350N 025W	41	0.2	51	140	5	31	52	134	5.95	1557	2	32	24	<5	202
350N 00	84	0.3	82	188	3	37	45	147	5.94	2481	3	33	36	<5	220
350N 025E	196	0.2	75	215	3	27	36	146	5.21	2508	4	30	49	<5	287
350N 050E	227	0.3	60	237	3	24	33	89	5.24	2422	2	31	60	<5	361
350N 075E	41	0.5	103	125	3	25	37	104	5.03	1233	3	33	46	<5	298
350N 100E	41	0.5	94	341	4	21	28	65	4.74	3396	2	25	54	<5	428
350N 125E	29	0.5	91	240	3	22	33	66	5.00	2222	3	26	46	<5	367
350N 150E	26	0.4	44	180	3	17	43	67	4.50	1607	2	22	25	<5	260
350N 175E	19	0.6	66	211	3	22	49	81	4.87	2014	2	29	19	<5	309
350N 200E	20	1.0	104	151	<2	20	37	79	4.73	992	3	32	19	<5	307
350N 225E	40	0.6	98	238	<2	20	42	195	4.99	1924	4	33	11	<5	509
350N 250E	<5	0.6	70	358	<2	22	38	62	4.75	2705	3	35	33	<5	495
350N 275E	37	0.8	64	166	<2	19	32	141	4.95	1530	3	23	31	<5	185
350N 300E	60	1.1	77	136	<2	23	30	193	5.33	1025	3	27	19	<5	221
300N 150W	93	<0.2	88	161	<2	23	37	70	4.87	2028	2	29	13	<5	153
300N 125W	105	0.3	84	162	<2	27	42	89	5.26	1905	2	40	23	<5	177
300N 100W	128	0.3	130	214	<2	25	38	83	5.41	2595	3	31	35	<5	166

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
450N 250E	<0.5	<1	<5	6	2	24	3	4	<20	29	<10	<10	92	2	2
450N 275E	<0.5	<1	10	4	4	22	2	4	<20	25	<10	<10	91	3	3
450N 300E	<0.5	<1	17	4	8	17	3	7	<20	30	<10	<10	120	6	<1
400N 100W	<0.5	<1	14	5	7	17	3	4	<20	34	<10	<10	76	4	4
400N 075W	<0.5	<1	11	5	5	16	3	4	<20	48	<10	<10	86	4	<1
400N 050W	<0.5	<1	15	6	7	16	3	4	<20	45	<10	<10	86	4	2
400N 025W	<0.5	<1	13	6	7	17	3	4	<20	38	<10	<10	80	4	2
400N 00	<0.5	<1	13	5	6	19	3	5	<20	38	<10	<10	91	4	2
400N 025E	<0.5	1	17	5	7	20	3	5	<20	44	<10	<10	95	5	1
400N 050E	<0.5	<1	18	6	8	17	4	4	<20	36	<10	<10	83	6	2
400N 075E	<0.5	<1	16	6	6	21	3	5	<20	31	<10	<10	98	5	1
400N 100E	<0.5	2	26	3	10	17	2	6	<20	29	<10	<10	95	7	<1
400N 125E	<0.5	2	29	3	11	17	2	6	<20	33	<10	<10	83	8	1
400N 150E	<0.5	2	21	4	9	15	2	6	<20	29	<10	<10	90	6	1
400N 175E	<0.5	2	18	5	8	18	2	5	<20	30	<10	<10	92	5	2
400N 200E	<0.5	3	13	6	5	24	3	5	<20	69	<10	<10	85	3	3
400N 225E	<0.5	<1	8	5	4	21	3	5	<20	54	12	<10	103	3	2
400N 250E	<0.5	3	18	7	7	20	4	5	<20	56	<10	<10	99	4	2
400N 275E	<0.5	<1	13	4	6	18	2	5	<20	29	<10	<10	90	4	2
400N 300E	<0.5	<1	17	5	8	20	3	5	<20	22	<10	<10	85	4	3
350N 100W	<0.5	<1	11	7	5	18	3	5	<20	61	<10	<10	103	4	<1
350N 075W	<0.5	<1	18	6	8	18	3	5	<20	38	<10	<10	107	6	<1
350N 050W	<0.5	2	19	7	8	18	3	5	<20	45	11	<10	92	5	<1
350N 025W	<0.5	<1	11	6	5	19	3	6	<20	48	<10	<10	107	4	<1
350N 00	<0.5	1	15	5	8	20	2	6	<20	55	<10	<10	106	5	1
350N 025E	<0.5	2	20	6	9	19	3	5	<20	47	<10	<10	90	5	2
350N 050E	<0.5	2	18	6	8	18	3	5	<20	53	<10	<10	85	4	1
350N 075E	<0.5	2	37	6	11	17	3	5	<20	31	<10	<10	77	8	3
350N 100E	<0.5	4	20	5	9	16	3	4	<20	67	<10	<10	76	4	3
350N 125E	<0.5	2	18	6	8	19	3	4	<20	31	<10	<10	78	4	1
350N 150E	<0.5	1	15	6	8	17	2	4	<20	21	<10	<10	85	3	1
350N 175E	<0.5	<1	14	8	7	22	3	4	<20	25	<10	<10	88	3	2
350N 200E	<0.5	<1	17	8	7	20	3	4	<20	20	<10	<10	81	4	4
350N 225E	<0.5	3	24	11	8	24	4	5	<20	35	<10	<10	94	6	5
350N 250E	<0.5	5	18	12	7	21	4	4	<20	40	<10	<10	82	4	1
350N 275E	<0.5	<1	13	10	5	15	5	4	<20	35	<10	<10	90	3	3
350N 300E	<0.5	<1	15	10	6	18	5	5	<20	32	<10	<10	89	5	2
300N 150W	<0.5	<1	21	11	7	17	4	5	<20	34	<10	<10	91	5	<1
300N 125W	<0.5	<1	23	11	8	20	5	6	<20	33	<10	<10	98	5	2
300N 100W	<0.5	<1	23	13	8	17	5	6	<20	37	<10	<10	97	5	1

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
300N 075W	143	0.3	116	226	<2	30	41	125	5.91	2558	6	36	8	<5	139
300N 050W	47	1.1	119	191	<2	28	37	105	5.40	2161	3	31	44	<5	209
300N 025W	153	0.5	100	309	<2	29	31	110	5.96	2879	3	29	51	<5	319
300N 00	155	0.6	112	277	<2	35	34	143	6.33	3655	4	31	43	<5	340
300N 025E	1100	0.2	139	197	8	31	32	97	5.58	2164	6	42	77	20	472
300N 050E	39	0.4	100	232	<2	24	32	89	5.12	2374	3	29	26	<5	377
300N 075E	224	0.2	96	190	<2	24	39	75	4.96	2565	3	25	50	<5	244
300N 100E	46	0.2	100	182	<2	25	33	88	5.63	1583	4	32	33	<5	434
300N 125E	32	0.6	131	206	<2	24	35	96	5.49	1538	4	32	37	<5	347
300N 150E	6	0.4	79	197	<2	18	64	50	4.35	2090	3	30	25	<5	322
300N 175E	10	0.3	87	407	<2	20	51	52	4.73	3007	3	33	15	<5	509
300N 200E	14	0.5	93	212	<2	22	39	63	5.14	1593	4	32	18	<5	355
300N 225E	24	0.9	73	329	<2	21	37	94	4.86	2610	3	28	31	<5	387
300N 250E	26	0.9	74	183	<2	25	41	168	5.35	3301	5	33	28	<5	404
300N 275E	32	0.9	90	135	<2	22	35	170	5.48	2017	5	25	20	<5	204
300N 300E	29	1.1	79	208	<2	21	29	133	5.18	1959	3	23	26	<5	308
250N 150W	80	0.2	96	206	<2	24	35	68	5.05	2343	2	27	15	<5	134
250N 125W	223	0.4	129	135	<2	28	38	117	5.98	1638	3	29	28	<5	171
250N 100W	193	0.4	95	200	<2	25	33	95	5.46	2289	2	28	18	<5	212
250N 075W	45	0.2	193	232	<2	28	27	96	5.58	2037	2	28	57	<5	175
250N 050W	42	0.2	52	299	<2	24	29	72	4.80	3028	2	23	22	<5	215
250N 025W	38	0.3	106	336	<2	24	32	85	4.89	3613	2	26	51	<5	277
250N 00	184	0.6	115	215	<2	22	30	113	5.17	1388	3	29	12	<5	227
250N 025E	56	0.5	n/a	232	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
250N 050E	141	0.3	114	241	9	24	31	77	5.03	2256	5	36	35	<5	390
250N 075E	47	0.7	121	156	<2	22	38	114	5.04	1450	3	31	19	<5	382
250N 100E	33	0.7	82	172	<2	20	40	61	4.82	1322	3	28	28	<5	301
250N 125E	38	0.5	101	185	<2	22	36	71	5.23	1640	3	29	30	<5	310
250N 150E	16	0.7	69	290	<2	20	41	63	4.67	3160	3	27	20	<5	403
250N 175E	10	0.4	44	178	<2	19	62	60	4.38	881	3	36	7	<5	254
250N 200E	18	0.4	51	323	<2	20	31	42	4.27	2861	3	24	20	<5	414
250N 225E	74	0.7	62	604	<2	19	40	58	4.08	2235	3	27	18	<5	470
250N 250E	38	1.6	58	223	<2	19	32	164	4.98	2158	4	22	16	<5	213
250N 275E	175	0.7	88	289	<2	21	34	138	5.11	3345	5	25	23	<5	276
250N 300E	32	1.3	38	212	<2	18	31	108	5.02	2207	4	22	19	<5	243
200N 150W	159	0.3	51	151	<2	20	32	96	4.83	964	2	24	4	<5	127
200N 125W	45	0.3	83	195	<2	20	26	71	4.45	1766	2	20	15	<5	162
200N 100W	75	0.2	65	147	<2	24	22	100	4.67	1255	2	21	9	<5	139
200N 075W	117	0.4	79	148	<2	21	27	83	4.68	1014	2	25	7	<5	175
200N 050W	37	0.2	78	135	<2	16	29	76	4.06	699	1	23	17	<5	188

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
300N 075W	<0.5	<1	19	25	5	22	11	6	<20	39	<10	20	106	7	4
300N 050W	<0.5	<1	20	9	6	15	4	5	<20	46	<10	<10	94	5	3
300N 025W	<0.5	2	19	11	6	16	4	5	<20	69	<10	<10	101	5	<1
300N 00	<0.5	4	21	10	7	19	4	6	<20	58	<10	<10	103	6	2
300N 025E	<0.5	4	43	34	8	25	18	6	29	28	<10	16	89	8	10
300N 050E	<0.5	3	26	9	9	19	3	5	<20	26	<10	<10	83	6	4
300N 075E	<0.5	<1	18	11	7	19	4	5	<20	46	<10	<10	87	5	3
300N 100E	<0.5	3	21	9	8	23	3	5	<20	27	<10	<10	90	5	4
300N 125E	<0.5	2	28	7	10	20	3	6	<20	21	<10	<10	86	8	5
300N 150E	<0.5	2	14	9	6	21	3	4	<20	29	<10	<10	79	3	4
300N 175E	<0.5	3	19	9	8	20	3	4	<20	25	<10	<10	86	4	4
300N 200E	<0.5	1	18	9	7	22	3	5	<20	25	<10	<10	92	4	6
300N 225E	<0.5	3	20	8	8	18	3	4	<20	29	<10	<10	86	5	3
300N 250E	<0.5	4	23	11	10	24	4	4	<20	61	<10	<10	92	7	1
300N 275E	<0.5	<1	18	11	6	18	4	4	<20	34	<10	<10	92	4	2
300N 300E	<0.5	2	18	11	6	18	4	5	<20	26	<10	<10	86	4	6
250N 150W	<0.5	<1	17	10	6	16	5	5	<20	56	<10	<10	94	4	1
250N 125W	<0.5	<1	17	8	7	18	3	6	<20	36	<10	<10	107	5	1
250N 100W	<0.5	<1	22	10	9	19	3	6	<20	32	<10	<10	96	7	2
250N 075W	<0.5	<1	21	16	3	21	6	6	<20	51	<10	<10	101	4	8
250N 050W	<0.5	1	16	10	5	17	3	5	<20	37	<10	<10	83	3	2
250N 025W	<0.5	2	16	9	5	18	3	5	<20	67	<10	<10	74	4	4
250N 00	<0.5	1	23	8	7	20	4	6	<20	44	<10	<10	93	6	7
250N 025E	<0.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
250N 050E	<0.5	1	37	21	9	22	10	6	<20	32	<10	<10	84	8	14
250N 075E	<0.5	2	22	9	8	22	4	5	<20	53	<10	<10	82	7	6
250N 100E	<0.5	2	17	8	6	20	2	4	<20	21	<10	<10	81	4	5
250N 125E	<0.5	<1	21	7	7	20	2	5	<20	20	<10	<10	90	4	6
250N 150E	<0.5	4	16	11	7	19	<1	4	<20	36	<10	<10	83	4	5
250N 175E	<0.5	1	17	6	8	20	<1	5	<20	26	<10	<10	92	5	7
250N 200E	<0.5	6	17	11	7	16	<1	4	<20	39	<10	<10	75	3	3
250N 225E	<0.5	7	18	9	8	18	<1	4	<20	39	<10	<10	73	4	5
250N 250E	<0.5	1	14	9	7	17	<1	4	<20	35	<10	<10	88	4	3
250N 275E	<0.5	1	16	9	6	16	<1	5	<20	38	<10	<10	90	3	2
250N 300E	<0.5	2	15	10	7	15	<1	4	<20	33	<10	<10	89	3	2
200N 150W	<0.5	<1	14	4	7	17	<1	4	<20	29	<10	<10	85	4	1
200N 125W	<0.5	<1	17	7	7	17	<1	4	<20	21	<10	<10	75	4	2
200N 100W	<0.5	<1	17	6	8	15	<1	4	<20	28	<10	<10	81	6	4
200N 075W	<0.5	<1	14	7	6	17	<1	4	<20	24	<10	<10	76	4	2
200N 050W	<0.5	1	23	6	8	17	<1	4	<20	29	<10	<10	68	6	13

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
200N 025W	159	0.5	85	204	<2	19	30	94	4.55	1210	2	24	10	<5	255
200N 00	93	0.8	88	106	<2	20	30	105	4.64	1237	3	22	11	<5	174
200N 025E	45	0.4	87	156	<2	19	30	86	4.35	1888	3	23	14	<5	284
200N 050E	40	0.7	89	150	<2	17	25	59	4.20	1218	3	20	22	<5	237
200N 075E	22	0.8	67	129	<2	18	37	65	4.49	832	7	31	<2	<5	315
200N 100E	7	0.6	56	125	<2	19	47	62	3.66	787	4	30	<2	<5	247
200N 125E	<5	0.4	51	153	<2	18	53	60	3.58	868	3	37	<2	<5	249
200N 150E	21	0.5	18	226	<2	22	65	78	4.09	854	5	46	<2	<5	271
200N 175E	<5	0.6	50	176	<2	21	53	61	3.94	1119	3	34	<2	<5	298
200N 200E	22	0.7	88	129	<2	16	38	83	3.76	1522	2	23	8	<5	259
200N 225E	31	0.8	36	162	<2	15	29	112	4.69	1564	3	18	13	<5	183
200N 250E	43	1.8	70	126	<2	16	26	122	4.23	2292	3	16	11	<5	175
150N 150W	116	0.4	97	201	<2	21	28	95	4.69	1411	2	22	12	<5	153
150N 125W	87	0.3	82	236	<2	22	30	101	4.88	1177	2	25	9	<5	186
150N 100W	117	0.2	60	224	<2	21	28	81	4.42	1965	3	20	17	<5	244
150N 075W	87	0.4	59	160	<2	21	28	80	4.58	1829	3	21	11	<5	199
150N 050W	112	0.3	57	196	<2	18	27	94	4.79	1072	2	20	8	<5	264
150N 025W	145	0.4	72	179	<2	19	32	80	4.43	1101	3	23	8	<5	277
150N 00	50	0.3	94	110	<2	22	35	104	4.80	1453	2	26	6	<5	220
150N 025E	84	0.6	55	123	<2	22	33	89	4.33	2047	2	25	24	<5	309
150N 050E	37	0.4	54	118	<2	20	28	64	4.40	1448	3	20	17	<5	264
150N 075E	28	1.3	58	168	<2	22	32	109	4.19	2910	3	28	29	<5	350
150N 100E	9	0.7	42	168	<2	19	48	63	3.56	1233	3	32	7	<5	286
150N 125E	32	0.4	75	245	<2	21	56	55	3.92	1761	3	35	25	<5	344
150N 150E	10	0.2	41	230	<2	20	47	62	3.39	1400	2	32	<2	<5	282
150N 175E	19	0.6	54	270	<2	15	38	61	3.58	1390	3	24	10	<5	256
100N 00	50	1.3	76	155	<2	16	25	76	4.08	1548	3	17	4	<5	187
100N 025E	46	0.6	103	148	<2	17	24	78	4.09	1351	2	18	7	<5	142
100N 050E	39	0.7	74	85	<2	14	23	59	4.10	1016	3	15	10	<5	150
100N 075E	35	1.0	52	206	<2	17	22	61	3.84	2140	2	15	6	<5	227
100N 100E	45	0.8	45	136	<2	19	31	109	4.55	1838	3	23	21	<5	266
050N 500W	109	0.3	64	236	<2	17	35	79	3.77	1051	2	25	<2	<5	165
050N 475W	37	0.4	48	171	<2	17	29	87	3.47	974	2	20	<2	<5	116
050N 450W	29	0.2	28	178	<2	17	38	69	3.60	798	2	23	<2	<5	124
050N 425W	18	0.2	36	228	<2	16	29	52	3.08	1543	2	18	3	<5	143
050N 400W	20	0.2	32	180	<2	19	34	91	3.94	1355	2	24	<2	<5	168
050N 375W	42	0.3	17	242	<2	17	30	49	4.03	1788	2	21	9	<5	165
050N 350W	34	0.9	55	328	<2	18	25	73	3.88	1915	2	20	6	<5	146
050N 325W	96	0.3	32	179	<2	19	37	76	3.99	1455	1	25	3	<5	129
050N 300W	110	0.3	50	166	<2	20	34	75	4.56	1256	2	24	<2	<5	139



Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
200N 025W	<0.5	2	22	8	8	18	<1	4	<20	29	<10	<10	75	5	5
200N 00	<0.5	<1	18	6	9	17	<1	4	<20	20	<10	<10	78	5	6
200N 025E	<0.5	2	15	8	7	17	<1	4	<20	22	<10	<10	73	4	6
200N 050E	<0.5	1	12	8	6	15	<1	3	<20	24	<10	<10	69	3	5
200N 075E	<0.5	2	27	<2	5	21	<1	4	<20	17	41	<10	78	6	27
200N 100E	<0.5	2	20	7	8	20	<1	5	<20	14	<10	<10	78	6	12
200N 125E	<0.5	1	14	7	5	20	<1	4	<20	20	<10	<10	85	5	9
200N 150E	<0.5	<1	32	<2	6	23	<1	5	<20	28	<10	<10	97	7	20
200N 175E	<0.5	3	15	8	6	21	<1	4	<20	22	<10	<10	87	5	3
200N 200E	<0.5	2	18	8	8	16	<1	2	<20	13	<10	<10	66	5	1
200N 225E	<0.5	<1	8	10	4	15	<1	3	<20	31	<10	<10	83	2	<1
200N 250E	<0.5	<1	12	9	5	13	<1	2	<20	21	<10	<10	69	3	1
150N 150W	<0.5	<1	21	8	8	17	<1	5	<20	26	<10	<10	81	6	7
150N 125W	<0.5	<1	17	8	6	18	<1	4	<20	29	<10	<10	82	5	6
150N 100W	<0.5	1	13	8	6	17	<1	4	<20	31	<10	<10	72	4	4
150N 075W	<0.5	1	18	8	8	17	<1	4	<20	20	<10	<10	78	5	3
150N 050W	<0.5	1	10	8	5	17	<1	5	<20	33	<10	<10	97	4	2
150N 025W	<0.5	1	17	7	7	18	<1	4	<20	22	<10	<10	77	4	6
150N 00	<0.5	<1	28	9	10	23	<1	4	<20	40	<10	<10	83	8	3
150N 025E	<0.5	4	23	11	8	23	<1	4	<20	57	<10	<10	71	6	4
150N 050E	<0.5	2	19	10	7	15	<1	3	<20	26	<10	<10	72	5	2
150N 075E	<0.5	6	21	12	15	16	<1	4	<20	55	<10	<10	66	14	4
150N 100E	<0.5	2	18	8	7	19	<1	3	<20	28	<10	<10	77	5	4
150N 125E	<0.5	4	12	11	5	23	<1	4	<20	33	<10	<10	93	4	5
150N 150E	<0.5	3	15	6	5	22	<1	4	<20	26	<10	<10	78	4	4
150N 175E	<0.5	3	11	9	5	18	<1	2	<20	37	<10	<10	71	4	1
100N 00	<0.5	<1	17	7	7	17	<1	2	<20	17	<10	<10	70	4	1
100N 025E	<0.5	<1	13	8	5	14	<1	3	<20	25	<10	<10	71	3	4
100N 050E	<0.5	<1	11	8	5	13	<1	2	<20	11	<10	<10	67	3	2
100N 075E	<0.5	1	12	9	6	16	<1	2	<20	20	<10	<10	62	4	1
100N 100E	<0.5	2	20	9	12	18	<1	3	<20	24	<10	<10	73	10	1
050N 500W	<0.5	<1	10	8	4	18	<1	3	<20	31	<10	<10	60	2	4
050N 475W	<0.5	<1	9	7	5	18	<1	3	<20	34	<10	<10	60	3	4
050N 450W	<0.5	<1	8	7	4	18	<1	3	<20	18	<10	<10	58	2	6
050N 425W	<0.5	1	14	6	4	16	<1	3	<20	22	<10	<10	46	3	6
050N 400W	<0.5	<1	16	7	5	20	<1	3	<20	22	<10	<10	66	3	4
050N 375W	<0.5	1	15	10	7	16	<1	3	<20	34	<10	<10	66	4	3
050N 350W	<0.5	2	23	9	10	14	1	3	<20	49	<10	<10	60	4	3
050N 325W	<0.5	<1	21	6	7	15	<1	4	<20	27	<10	<10	72	5	3
050N 300W	<0.5	<1	12	8	5	17	<1	4	<20	25	<10	<10	79	3	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
050N 275W	163	0.2	73	226	<2	21	25	115	4.58	1450	2	21	<2	<5	129
050N 250W	113	0.4	43	172	<2	19	25	90	4.28	1119	2	20	2	<5	110
050N 225W	71	0.5	70	194	<2	18	29	71	3.90	770	1	24	<2	<5	161
050N 200W	50	0.4	40	203	<2	22	29	84	4.68	1648	2	23	7	<5	194
050N 175W	47	0.5	59	223	<2	18	24	60	3.94	1589	2	19	4	<5	201
050N 150W	141	0.3	86	148	<2	19	31	69	4.32	911	2	23	5	<5	224
050N 125W	216	0.2	51	160	<2	20	26	56	4.35	1698	1	18	11	<5	209
050N 100W	56	0.5	49	258	<2	21	24	73	4.43	2702	2	20	7	<5	232
050N 075W	106	0.3	63	158	<2	23	31	99	4.85	1501	2	25	8	<5	160
050N 050W	47	0.4	87	119	<2	15	30	77	4.81	815	3	24	2	<5	220
050N 00	47	0.7	41	94	<2	12	23	63	4.39	955	2	15	7	<5	146
050N 025E	85	0.7	69	184	<2	14	25	64	4.37	1552	2	16	12	<5	207
050N 050E	43	0.5	44	180	<2	16	22	55	4.19	1906	2	15	21	<5	189
0050N 150W	114	0.3	63	192	<2	17	21	71	4.10	1284	2	16	5	<5	179
0050N 125W	106	0.5	78	173	<2	18	24	68	4.27	1312	2	18	5	<5	158
0050N 100W	59	0.4	79	108	<2	17	25	51	4.01	1056	2	18	4	<5	233
0050N 075W	122	0.5	74	102	<2	17	22	52	3.88	1226	2	18	3	<5	215
0050N 050W	52	0.4	71	150	<2	18	24	58	4.20	1332	2	19	7	<5	196
0050N 025W	105	0.5	75	140	<2	21	28	102	4.67	1425	2	25	10	<5	162
L0+00 500W	40	0.9	49	227	<2	19	30	104	4.26	1060	2	25	<2	<5	118
L0+00 475W	12	0.4	39	217	<2	16	27	77	3.54	843	2	24	<2	<5	123
L0+00 450W	176	0.5	31	217	<2	17	39	70	3.61	1578	1	22	<2	<5	153
L0+00 425W	16	0.3	14	143	<2	17	32	93	3.46	732	2	20	<2	<5	110
L0+00 400W	35	0.6	46	145	<2	18	43	92	3.60	864	2	19	<2	<5	91
L0+00 375W	8	0.4	71	185	<2	13	42	56	3.17	618	2	23	<2	<5	102
L0+00 350W	45	0.2	53	157	<2	17	35	89	3.52	306	2	24	<2	<5	101
L0+00 325W	145	0.2	27	217	<2	18	40	77	3.68	1108	2	21	<2	<5	134
L0+00 300W	44	0.4	59	130	<2	19	46	79	4.56	1360	3	27	<2	<5	149
L0+00 275W	41	0.4	52	186	<2	17	39	48	4.23	1353	2	25	11	<5	173
L0+00 250W	14	0.2	19	154	<2	20	70	91	4.77	620	6	49	<2	<5	220
L0+00 225W	14	0.4	40	255	<2	24	51	61	4.18	1280	4	42	<2	<5	324
L0+00 200W	38	0.7	54	192	<2	22	51	64	4.12	1396	3	44	<2	<5	350
L0+00 175W	29	0.4	38	238	<2	24	56	81	4.36	1690	4	38	<2	<5	322
L0+00 150W	58	0.4	96	129	<2	19	31	82	4.24	1690	2	21	<2	<5	205
L0+00 125W	1035	0.6	69	187	<2	17	23	84	4.27	1886	3	17	3	<5	154
L0+00 100W	45	9.2	48	118	<2	13	26	85	4.58	1022	3	16	3	<5	104
L0+00 075W	36	0.7	72	103	<2	12	19	94	3.38	645	2	17	<2	<5	112
L0+00 050W	154	<0.2	73	113	<2	19	31	93	4.59	956	2	25	3	<5	136
L0+00 025W	154	0.3	53	108	<2	14	24	54	4.35	916	3	17	<2	<5	156
L0+00 00	201	0.2	82	96	<2	21	35	127	5.53	954	3	28	<2	<5	153

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
050N 275W	<0.5	<1	13	7	5	18	<1	4	<20	26	<10	<10	73	4	2
050N 250W	<0.5	<1	20	8	8	18	<1	4	<20	23	<10	<10	72	7	8
050N 225W	<0.5	<1	22	6	4	18	<1	3	<20	17	<10	<10	65	4	17
050N 200W	<0.5	<1	23	7	8	21	<1	4	<20	22	<10	<10	75	7	4
050N 175W	<0.5	2	16	7	6	17	<1	3	<20	17	<10	<10	62	4	9
050N 150W	<0.5	<1	14	6	4	20	<1	4	<20	19	<10	<10	73	3	6
050N 125W	<0.5	2	16	8	5	17	<1	4	<20	25	<10	<10	72	3	4
050N 100W	<0.5	2	18	8	7	17	<1	4	<20	29	<10	<10	73	5	2
050N 075W	<0.5	1	25	7	10	17	<1	5	<20	23	<10	<10	86	7	3
050N 050W	<0.5	1	16	6	6	20	<1	3	<20	15	<10	<10	77	4	3
050N 00	<0.5	<1	10	6	5	13	<1	3	<20	13	11	<10	71	2	3
050N 025E	<0.5	<1	12	7	4	15	<1	3	<20	13	<10	<10	74	3	2
050N 050E	<0.5	1	11	8	5	14	<1	2	<20	26	<10	<10	68	3	2
0050N 150W	<0.5	<1	15	7	5	17	<1	3	<20	24	<10	<10	67	3	6
0050N 125W	<0.5	<1	12	7	4	17	<1	3	<20	18	<10	<10	69	3	3
0050N 100W	<0.5	2	15	7	5	16	<1	3	<20	13	<10	<10	64	4	5
0050N 075W	<0.5	<1	20	7	7	16	<1	3	<20	17	<10	<10	63	4	5
0050N 050W	<0.5	1	13	7	5	15	<1	3	<20	32	<10	<10	70	3	2
0050N 025W	<0.5	<1	22	6	8	17	<1	4	<20	23	<10	<10	81	6	2
L0+00 500W	<0.5	<1	26	7	9	16	<1	4	<20	23	<10	<10	74	5	11
L0+00 475W	<0.5	<1	30	4	12	17	<1	4	<20	20	<10	<10	57	7	11
L0+00 450W	<0.5	<1	9	6	4	17	<1	3	<20	19	<10	<10	63	2	3
L0+00 425W	<0.5	<1	10	4	4	17	<1	3	<20	18	<10	<10	60	3	12
L0+00 400W	<0.5	<1	9	4	4	15	<1	3	<20	21	<10	<10	62	3	5
L0+00 375W	<0.5	<1	13	5	5	18	<1	3	<20	25	<10	<10	57	3	14
L0+00 350W	<0.5	<1	15	5	6	15	<1	3	<20	22	<10	<10	57	4	16
L0+00 325W	<0.5	1	10	5	5	16	<1	3	<20	29	<10	<10	60	3	3
L0+00 300W	<0.5	<1	15	6	8	19	<1	4	<20	22	<10	<10	78	4	6
L0+00 275W	<0.5	<1	12	5	7	19	<1	4	<20	24	<10	<10	73	3	5
L0+00 250W	<0.5	1	10	4	6	19	<1	5	<20	24	<10	<10	101	5	5
L0+00 225W	<0.5	3	15	5	8	23	<1	4	<20	24	<10	<10	77	5	10
L0+00 200W	<0.5	4	23	5	8	23	<1	4	<20	17	<10	<10	71	5	16
L0+00 175W	<0.5	3	21	6	8	21	<1	4	<20	30	<10	<10	74	5	7
L0+00 150W	<0.5	<1	24	6	12	26	<1	3	<20	51	<10	<10	66	8	3
L0+00 125W	<0.5	1	15	5	7	16	<1	3	<20	21	<10	<10	66	3	5
L0+00 100W	<0.5	<1	14	4	8	16	<1	3	<20	17	<10	<10	74	4	7
L0+00 075W	<0.5	<1	16	3	7	13	<1	2	<20	16	<10	<10	51	4	14
L0+00 050W	<0.5	<1	23	4	10	15	<1	5	<20	20	<10	<10	86	6	2
L0+00 025W	<0.5	<1	17	5	8	17	<1	3	<20	18	<10	<10	71	5	4
L0+00 00	<0.5	<1	24	5	14	20	<1	7	<20	36	<10	<10	100	10	2

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppm	As ppm	Ba ppm	Bi ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Zn ppm
050S 500W	12	0.6	45	271	<2	23	49	105	5.50	1042	2	30	<2	<5	140
050S 475W	32	0.3	39	232	<2	20	39	112	4.78	1046	3	33	<2	<5	178
050S 450W	34	0.2	50	240	<2	18	40	65	4.09	1045	2	29	<2	<5	136
050S 425W	12	0.7	52	217	<2	16	36	52	3.77	1235	2	25	<2	<5	131
050S 400W	26	2.4	71	111	<2	27	48	105	4.15	1369	2	27	<2	<5	159
050S 375W	13	0.7	44	167	<2	20	45	95	4.34	1024	3	27	<2	<5	181
050S 350W	25	0.2	28	167	<2	19	42	121	4.39	665	3	26	<2	<5	161
050S 325W	51	0.4	55	213	<2	19	33	97	3.75	1271	3	21	<2	<5	129
050S 300W	16	0.8	34	204	<2	17	41	74	4.17	1246	3	20	<2	<5	122
050S 275W	45	0.5	39	215	<2	18	46	69	4.27	815	3	27	<2	<5	229
050S 250W	15	0.7	88	201	<2	26	58	76	4.49	1646	7	50	<2	<5	299
050S 225W	18	0.3	161	216	<2	23	54	65	4.28	1713	4	41	<2	<5	298
050S 200W	13	1.0	48	186	5	22	50	70	4.18	1262	4	41	<2	<5	331
050S 175W	10	0.5	22	299	<2	21	54	62	4.18	1710	3	32	<2	<5	313
050S 150W	8	0.5	43	127	<2	20	47	67	3.83	1294	4	27	<2	<5	219
050S 125W	39	0.7	58	155	<2	13	20	57	3.63	1351	2	13	<2	<5	145
050S 100W	45	0.9	44	114	<2	14	24	67	4.17	1603	2	15	<2	<5	130
050S 075W	46	0.8	50	159	<2	16	29	77	4.51	1517	3	20	3	<5	174
100S 00	41	0.4	64	381	<2	23	32	69	4.80	3863	2	24	38	<5	198
100S 025E	25	0.4	52	369	<2	20	29	61	4.41	1864	2	21	8	<5	172
100S 050E	10	0.2	50	120	<2	16	97	73	3.91	486	2	35	<2	<5	105
100S 075E	31	0.4	35	312	<2	16	74	56	3.61	3571	2	30	43	<5	187
100S 100E	419	0.4	34	238	<2	19	44	42	3.98	2315	3	24	7	<5	142
100S 125E	<5	0.2	48	198	<2	14	50	37	3.45	1120	2	24	<2	<5	160
100S 150E	11	0.6	55	139	<2	19	40	70	3.91	1441	2	29	10	<5	256
100S 175E	23	0.3	70	175	<2	20	46	83	4.48	672	3	31	11	<5	197
100S 200E	35	0.6	49	213	<2	19	43	78	4.30	1228	2	29	7	<5	256
100S 225E	22	0.4	36	309	<2	21	41	108	4.98	1251	3	32	<2	<5	194
100S 250E	36	0.4	68	194	<2	17	27	57	4.01	1460	3	18	16	<5	144
100S 275E	<5	0.5	43	192	<2	17	45	50	3.53	2053	3	24	15	<5	199
100S 300E	<5	0.3	49	229	<2	20	43	54	3.67	2464	3	26	26	<5	219
100S 325E	16	0.2	34	332	<2	19	44	43	3.91	2684	3	26	27	<5	228
100S 350E	<5	0.4	44	137	<2	16	50	48	3.86	1296	4	25	3	<5	193
100S 375E	54	0.3	70	158	<2	18	31	74	4.22	1733	2	21	11	<5	188
100S 400E	49	0.6	39	163	<2	14	26	59	3.90	1381	3	17	13	<5	144
150S 00	30	<0.2	54	250	<2	20	35	93	4.37	1358	2	25	9	<5	150
150S 025E	22	0.4	47	311	<2	24	46	64	4.74	1615	2	24	5	<5	180
150S 050E	26	0.3	28	186	<2	17	51	51	3.52	1002	2	24	19	<5	117
150S 075E	25	<0.2	19	105	<2	12	51	28	3.08	407	1	21	6	<5	94
150S 100E	39	0.3	54	182	<2	14	42	34	3.22	1128	2	26	5	<5	147

Project: 519      Grid Soil Geochem Sampling Results (part 2)

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
050S 500W	<0.5	<1	<5	6	4	25	<1	4	<20	31	<10	<10	100	3	4
050S 475W	<0.5	<1	25	4	9	19	<1	4	<20	27	<10	<10	82	4	8
050S 450W	<0.5	<1	31	6	11	20	<1	4	<20	24	<10	<10	72	5	13
050S 425W	<0.5	<1	18	3	10	20	<1	4	<20	22	<10	<10	64	5	13
050S 400W	<0.5	<1	30	7	14	19	<1	5	<20	27	<10	<10	68	11	12
050S 375W	<0.5	<1	13	4	8	24	<1	4	<20	33	<10	<10	73	4	4
050S 350W	<0.5	<1	9	3	6	20	<1	4	<20	24	<10	<10	76	3	4
050S 325W	<0.5	<1	15	4	8	16	<1	3	<20	24	<10	<10	63	4	9
050S 300W	<0.5	1	9	4	6	15	<1	3	<20	41	<10	<10	69	3	2
050S 275W	<0.5	1	13	5	8	21	<1	3	<20	33	<10	<10	69	3	6
050S 250W	<0.5	3	21	5	6	21	<1	5	<20	25	<10	<10	90	6	16
050S 225W	<0.5	<1	20	8	7	21	<1	4	<20	22	<10	<10	81	6	12
050S 200W	<0.5	<1	18	3	5	21	<1	4	<20	19	<10	<10	72	7	19
050S 175W	<0.5	2	14	5	7	22	<1	4	<20	32	<10	<10	83	4	6
050S 150W	<0.5	2	14	4	7	19	<1	3	<20	21	<10	<10	77	3	4
050S 125W	<0.5	<1	15	4	6	15	<1	2	<20	24	<10	<10	58	3	4
050S 100W	<0.5	<1	12	6	5	16	<1	2	<20	12	<10	<10	68	3	3
050S 075W	<0.5	<1	16	6	6	17	<1	3	<20	19	<10	<10	77	4	2
100S 00	<0.5	2	17	8	8	14	<1	4	<20	68	<10	<10	76	3	1
100S 025E	<0.5	<1	20	7	7	16	<1	4	<20	47	<10	<10	70	3	5
100S 050E	<0.5	<1	16	6	8	18	<1	4	<20	36	<10	<10	79	4	4
100S 075E	<0.5	1	11	8	6	20	<1	3	<20	52	<10	<10	70	3	5
100S 100E	<0.5	<1	11	7	5	18	<1	3	<20	28	<10	<10	75	3	2
100S 125E	<0.5	<1	10	6	4	20	<1	2	<20	17	<10	<10	58	2	5
100S 150E	<0.5	1	19	6	7	18	<1	3	<20	18	<10	<10	62	4	4
100S 175E	<0.5	<1	13	7	6	18	<1	4	<20	28	<10	<10	76	5	4
100S 200E	<0.5	<1	16	8	6	17	<1	3	<20	31	<10	<10	68	5	3
100S 225E	<0.5	1	11	6	4	18	<1	4	<20	28	<10	<10	91	4	1
100S 250E	<0.5	1	16	8	7	15	<1	3	<20	26	<10	<10	62	3	3
100S 275E	<0.5	3	11	9	5	16	<1	2	<20	20	<10	<10	59	3	4
100S 300E	<0.5	3	13	9	6	15	<1	3	<20	31	<10	<10	68	3	4
100S 325E	<0.5	3	12	10	6	17	<1	3	<20	37	<10	<10	66	3	3
100S 350E	<0.5	<1	11	7	5	18	<1	3	<20	16	<10	<10	75	3	3
100S 375E	<0.5	1	19	6	7	16	<1	3	<20	21	<10	<10	73	5	3
100S 400E	<0.5	<1	11	8	5	14	<1	2	<20	16	<10	<10	73	3	2
150S 00	<0.5	<1	20	9	8	14	<1	4	<20	34	<10	<10	79	4	3
150S 025E	<0.5	<1	9	11	4	18	<1	4	<20	30	<10	<10	87	3	3
150S 050E	<0.5	<1	12	6	5	16	<1	3	<20	20	<10	<10	68	2	4
150S 075E	<0.5	<1	10	6	4	16	<1	2	<20	15	<10	<10	59	2	4
150S 100E	<0.5	<1	15	8	5	16	<1	3	<20	18	<10	<10	58	3	11

Date of Report: 03-Oct-89

Project 519

STEWART

Grid Soil Geochem Sampling Results  
(1989)

Reference: v89-06764.0, v89-06765.0

n/a denotes results not available

Sample ID	Au ppb	Ag ppa	As ppa	Ba ppa	Bi ppa	Co ppa	Cr ppa	Cu ppa	Fe %	Mn ppa	Mo ppa	Ni ppa	Pb ppa	Sb ppa	Zn ppa
150S 125E	11	0.2	38	170	<2	14	47	36	3.16	1920	2	22	10	<5	147
150S 150E	40	0.4	38	266	<2	19	41	38	3.90	1931	2	22	10	<5	244
150S 175E	18	1.0	75	256	<2	22	63	150	4.74	1760	3	39	31	<5	200
150S 200E	33	0.7	75	148	<2	18	36	59	3.94	1169	2	27	12	<5	288
150S 225E	11	0.5	45	192	<2	17	39	47	3.68	1632	2	24	9	<5	292
150S 250E	32	0.5	54	162	<2	17	33	63	4.23	1574	2	18	13	<5	131
150S 275E	57	0.3	58	113	<2	19	30	108	4.44	726	2	25	11	<5	109
150S 300E	51	0.5	51	115	<2	13	23	51	3.75	1312	2	16	9	<5	110
150S 325E	16	0.5	39	108	<2	12	20	43	3.24	1678	2	13	14	<5	111
150S 350E	17	0.2	67	121	<2	17	28	59	3.89	2393	2	17	24	<5	158
200S 00	7	0.2	33	220	<2	16	33	43	3.61	957	2	24	8	<5	127
200S 025E	7	0.4	8	154	<2	20	54	81	4.56	969	5	37	<2	13	163
200S 050E	19	0.3	30	253	<2	19	41	60	3.88	1425	2	24	5	<5	148
200S 075E	24	0.9	42	213	<2	23	65	110	4.81	1752	2	33	26	<5	177
200S 100E	27	0.2	17	137	<2	14	30	32	3.33	1132	1	19	8	<5	111
200S 125E	30	0.7	37	182	<2	21	59	101	4.28	1356	2	27	11	<5	131
200S 150E	28	0.4	55	177	<2	18	42	45	3.97	1177	3	25	10	<5	206
200S 175E	12	0.5	50	142	<2	16	53	57	3.73	1025	2	25	8	<5	219
200S 200E	5	0.4	33	158	<2	16	37	58	3.60	1111	3	21	6	<5	210
200S 225E	16	0.8	85	223	6	22	50	133	5.59	1705	4	23	<2	<5	248
200S 250E	45	0.3	40	161	<2	16	25	51	4.04	1434	2	14	17	<5	130
200S 275E	11	0.5	54	177	<2	12	20	43	3.83	907	1	13	<2	<5	134

n= 422 samples

max:	1100	9.2	1018	604	32	37	97	423	8.20	4766	7	58	397	32	846
min:	<5	<0.2	<5	39	<2	5	14	17	2.71	235	<1	10	<2	<5	39
1st quartile:	20	0.3	47	113	<2	15	27	51	3.94	1025	2	20	5	<5	140
median:	39	0.4	63	153	<2	19	33	67	4.41	1418	2	25	14	<5	180
3rd quartile:	85	0.6	87	204	<2	22	41	95	4.97	1959	3	29	27	<5	237
95% ile:	234	1.2	133	311	5	29	54	164	5.95	2861	5	38	59	<5	367

Sample ID	Be ppm	Cd ppm	Ce ppm	Ga ppm	La ppm	Li ppm	Nb ppm	Sc ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	V ppm	Y ppm	Zr ppm
150S 125E	<0.5	<1	15	8	5	14	<1	3	<20	19	<10	<10	60	2	4
150S 150E	<0.5	1	11	11	5	17	<1	3	<20	23	<10	<10	68	2	3
150S 175E	<0.5	2	43	11	34	19	1	6	<20	72	<10	<10	83	31	2
150S 200E	<0.5	2	22	8	10	16	<1	3	<20	20	<10	<10	64	8	2
150S 225E	<0.5	3	17	9	6	16	<1	3	<20	19	<10	<10	62	3	5
150S 250E	<0.5	<1	14	8	7	15	<1	3	<20	21	<10	<10	72	3	<1
150S 275E	<0.5	<1	32	6	11	14	1	5	<20	24	<10	<10	75	6	4
150S 300E	<0.5	<1	16	9	7	12	<1	2	<20	21	<10	<10	63	3	2
150S 325E	<0.5	<1	12	9	6	10	<1	1	<20	10	<10	<10	53	2	2
150S 350E	<0.5	2	21	13	11	16	<1	<1	<20	46	<10	<10	67	8	<1
200S 00	<0.5	<1	13	10	5	17	<1	3	<20	26	<10	<10	63	3	8
200S 025E	<0.5	<1	34	2	9	20	<1	5	<20	18	27	<10	87	7	22
200S 050E	<0.5	<1	16	8	8	16	<1	4	<20	18	<10	<10	75	5	11
200S 075E	<0.5	1	14	12	7	19	<1	5	<20	44	<10	<10	96	8	7
200S 100E	<0.5	<1	11	11	4	14	<1	2	<20	26	<10	<10	57	3	10
200S 125E	<0.5	<1	13	10	7	28	1	4	<20	61	<10	<10	90	9	2
200S 150E	<0.5	<1	13	9	6	17	<1	3	<20	23	<10	<10	69	4	5
200S 175E	<0.5	1	19	10	9	17	<1	3	<20	30	<10	<10	66	6	3
200S 200E	<0.5	2	14	9	6	16	<1	2	<20	25	<10	<10	68	4	3
200S 225E	<0.5	2	27	<2	19	25	<1	4	<20	37	13	<10	95	18	3
200S 250E	<0.5	<1	13	8	6	10	<1	3	<20	29	<10	<10	73	2	1
200S 275E	<0.5	1	11	<2	4	15	<1	2	<20	21	<10	<10	58	3	5
n= 422 samples															
max:	<0.5	7	73	40	34	39	18	15	41	85	41	20	166	31	40
min:	<0.5	<1	<5	<2	2	10	<1	<1	<20	9	<10	<10	37	2	<1
1st quartile:	<0.5	<1	13	6	6	16	<1	3	<20	20	<10	<10	67	3	2
median:	<0.5	<1	17	8	7	17	3	4	<20	25	<10	<10	75	4	3
3rd quartile:	<0.5	1	21	10	9	19	4	5	<20	32	<10	<10	84	6	6
95% ile:	<0.5	3	32	12	14	23	6	6	<20	53	<10	<10	100	8	16

**APPENDIX 3**



## ANALYTICAL PROCEDURES

### Geochemical Analysis

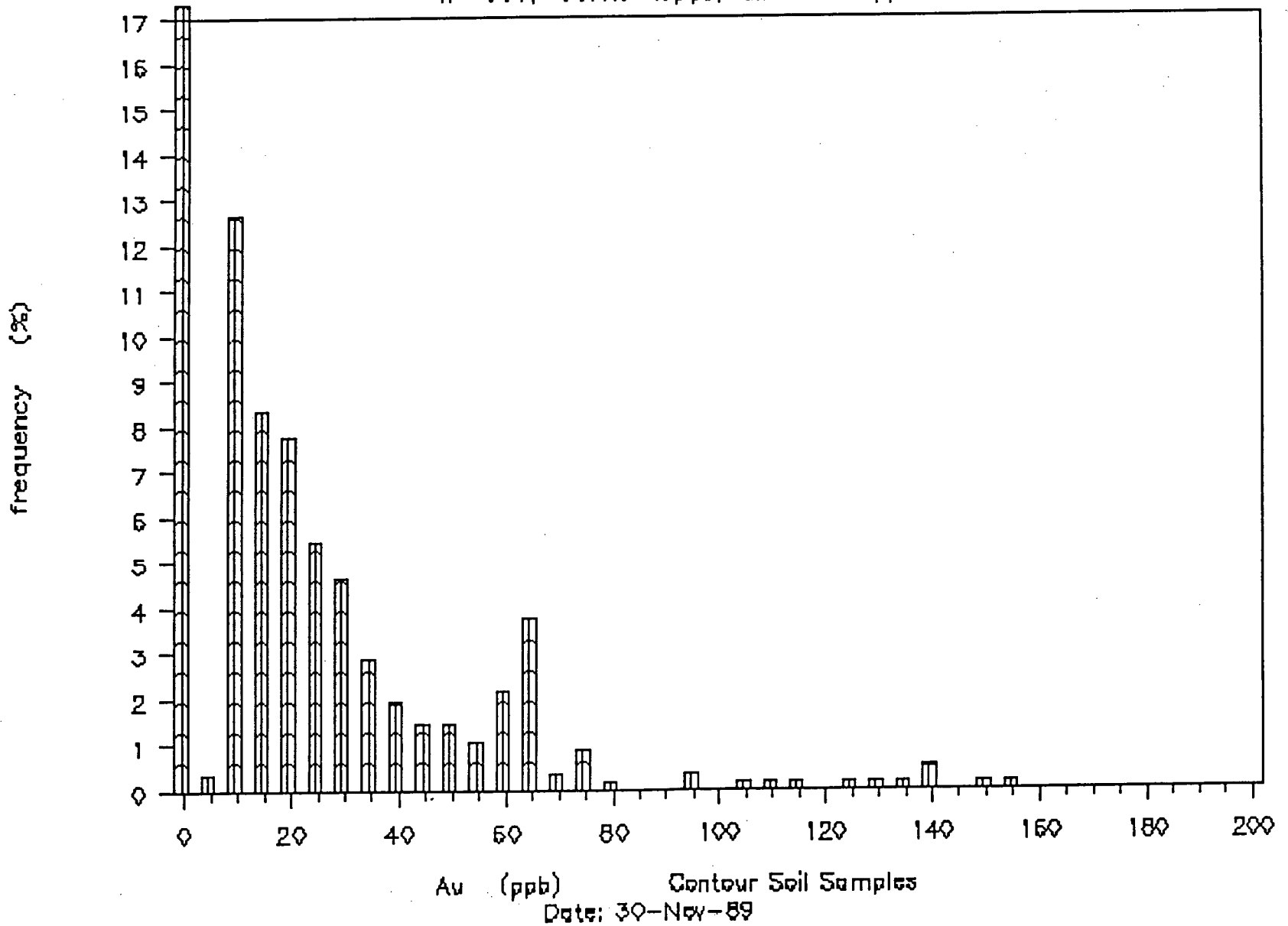
by Bondar-Clegg :

<u>ELEMENT</u>	<u>LOWER DETECTION LIMIT</u>	<u>EXTRACTION</u>	<u>METHOD</u>
Au Gold	5.0 ppb	fire-assay	fire assay AA
Ag Silver	0.2 ppm	HNO3-HCl hot extr	ind. coupled plasma
As Arsenic	5.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Ba Barium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Be Beryllium	0.5 ppm	HNO3-HCl hot extr	ind. coupled plasma
Bi Bismuth	2.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Cd Cadmium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Ce Cerium	5.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Co Cobalt	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Cr Chromium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Cu Copper	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Fe Iron	0.05 pct	HNO3-HCl hot extr	ind. coupled plasma
Ga Gallium	2.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
La Lanthanum	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Li Lithium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Mn Manganese	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Mo Molybdenum	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Nb Niobium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Ni Nickel	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Pb Lead	2.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Sb Antimony	5.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Sc Scandium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Sn Tin	20.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Sr Strontium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Ta Tantalum	10.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Te Tellurium	10.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
V Vanadium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Y Yttrium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Zn Zinc	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma
Zr Zirconium	1.0 ppm	HNO3-HCl hot extr	ind. coupled plasma

**APPENDIX 4**

# Project 519 - Stewart (Au histogram)

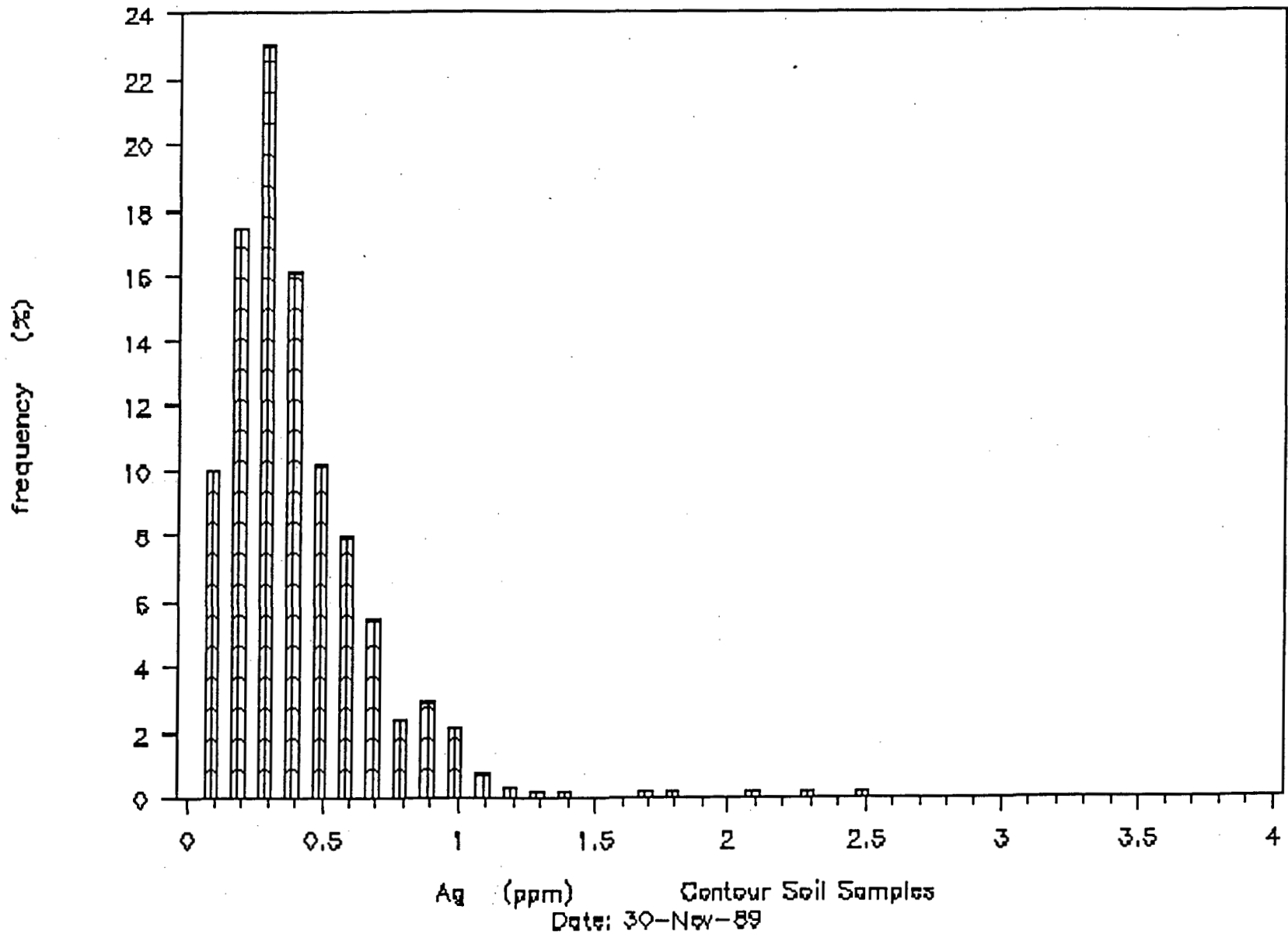
n = 551, 39.6% < 5ppb, 2.4% > 200ppb



# Project 519 - Stewart

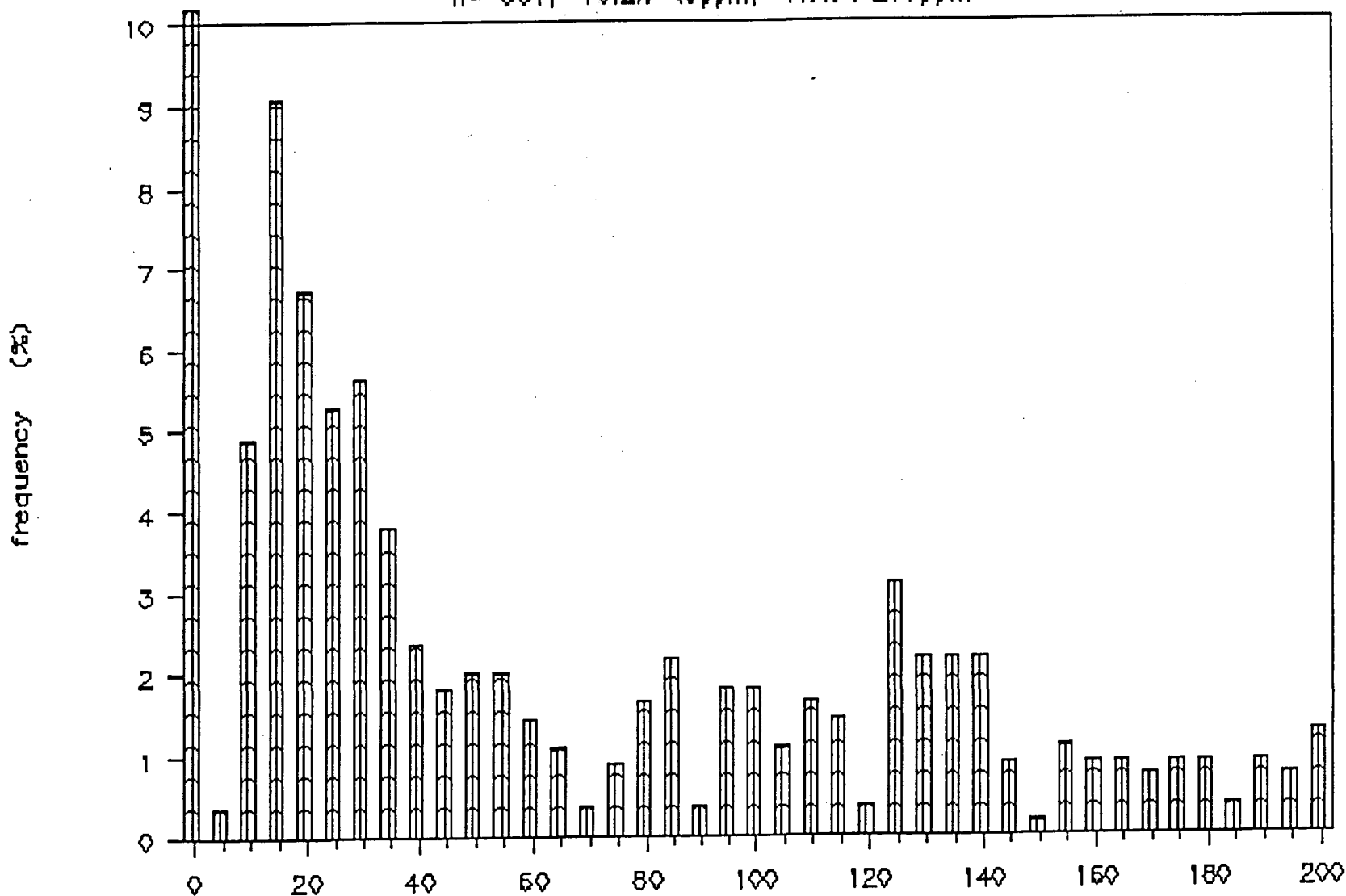
(Ag histogram)

n = 551



# Project 519 — Stewart (As histogram)

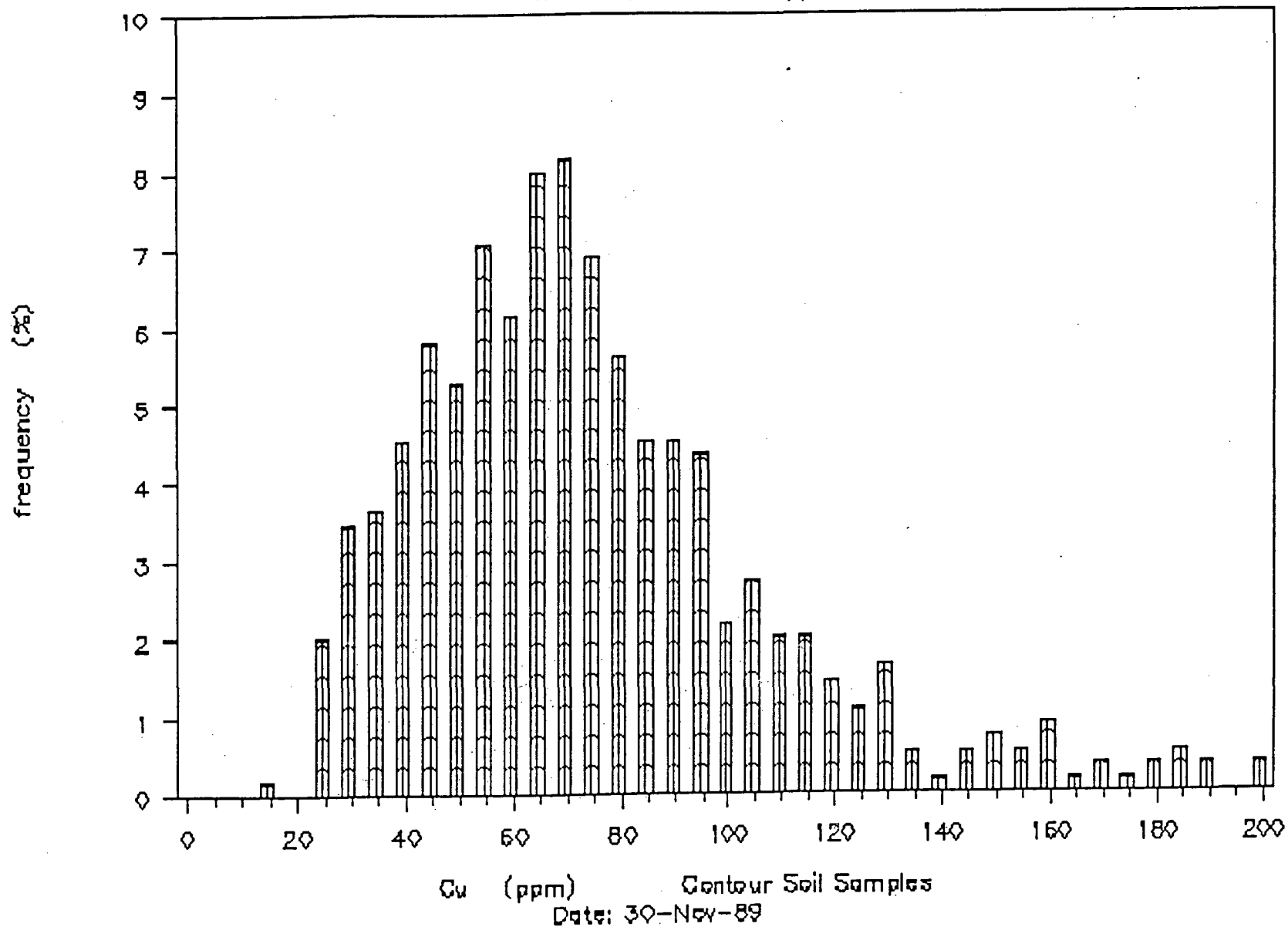
n = 551, 19.2% <5ppm, 1.3% >200ppm



As (ppm)      Contour Soil Samples  
Date: 30-Nov-89

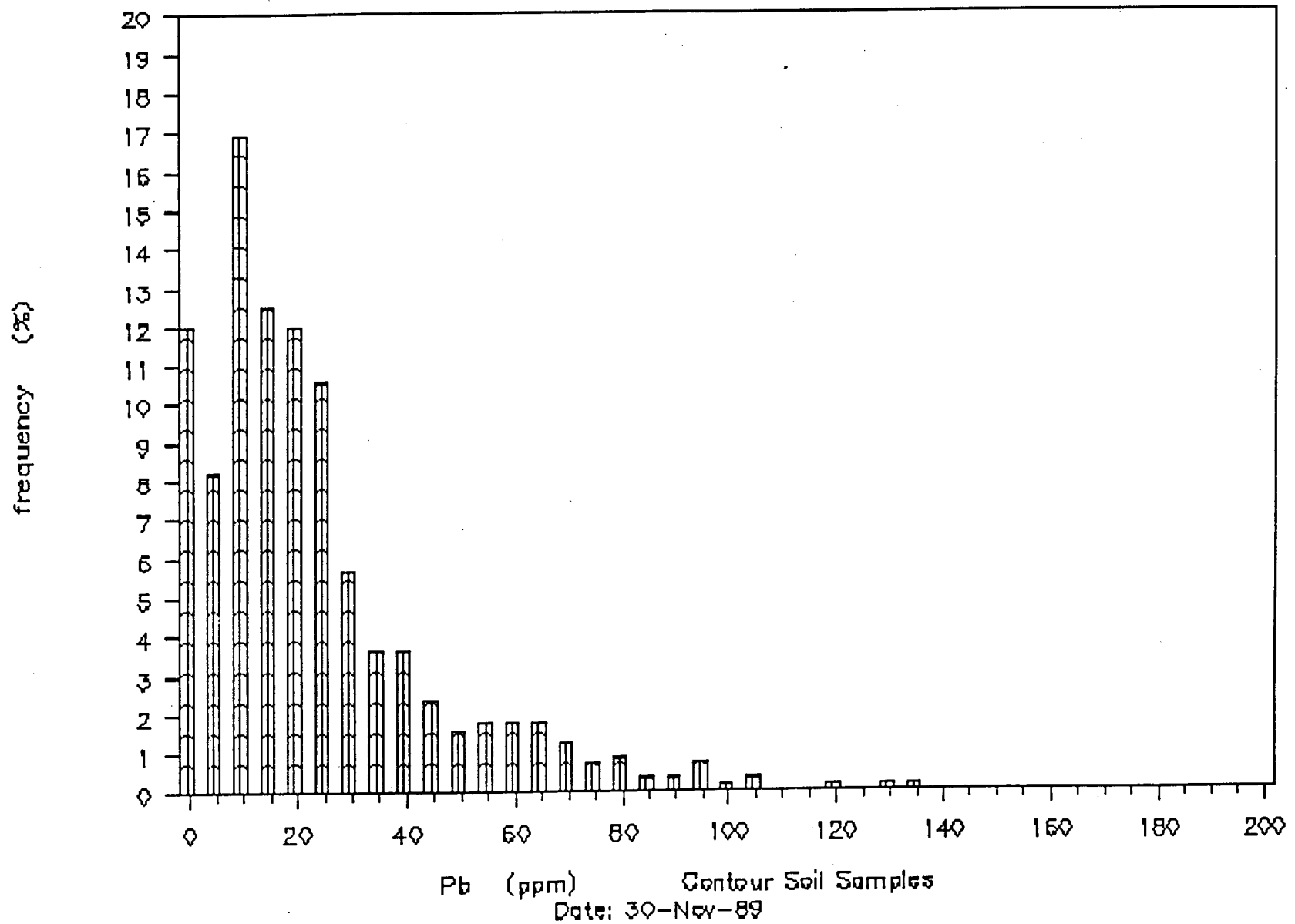
# Project 519 - Stewart (Cu histogram)

n = 551, 0.9% > 200ppm



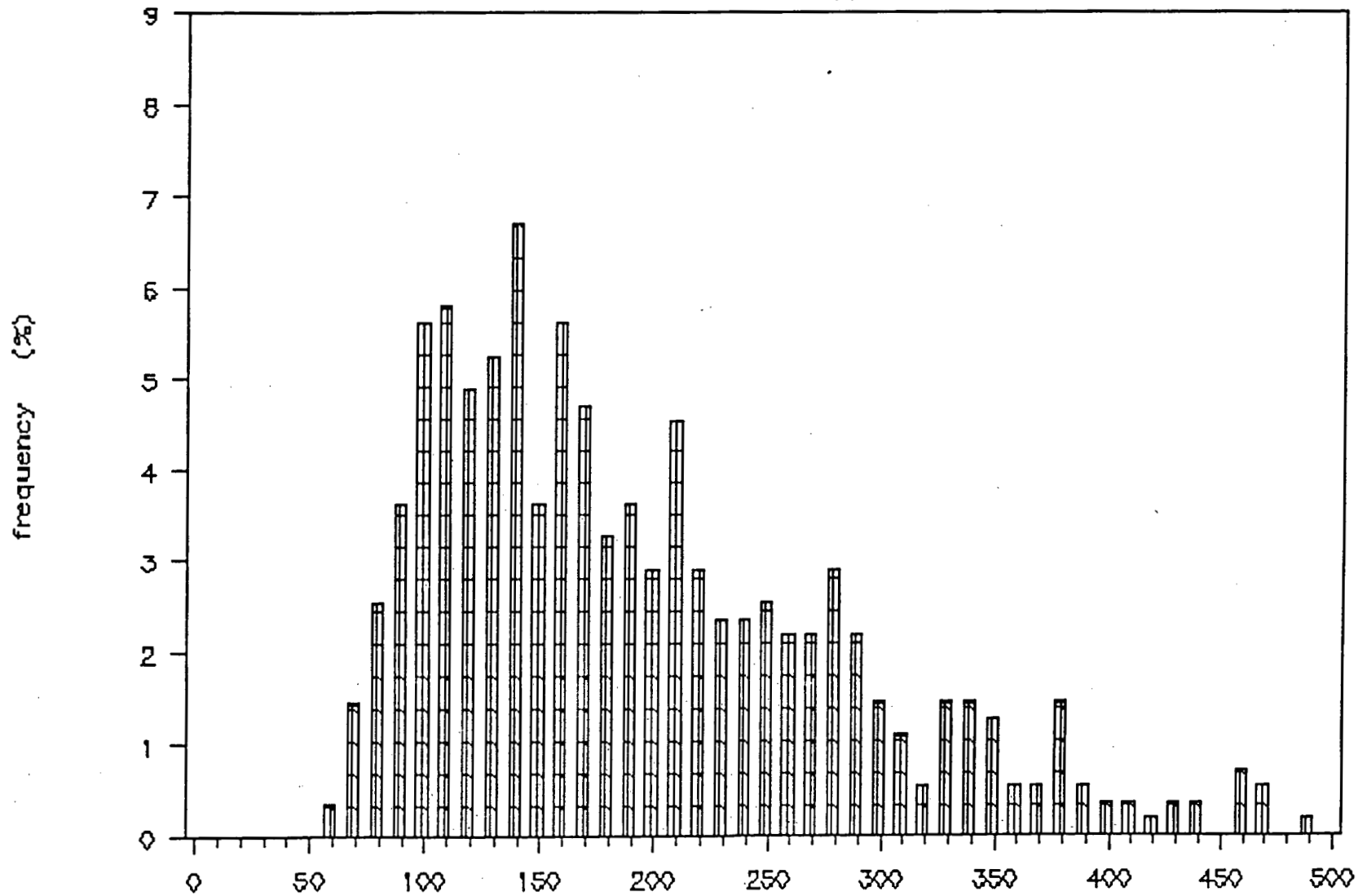
# Project 519 - Stewart (Pb histogram)

n = 551, 0.2% > 200ppm



# Project 519 - Stewart (Zn histogram)

n = 551, 2.4% > 500 ppm



Zn (ppm) Contour Soil Samples

Date: 30-Nov-89

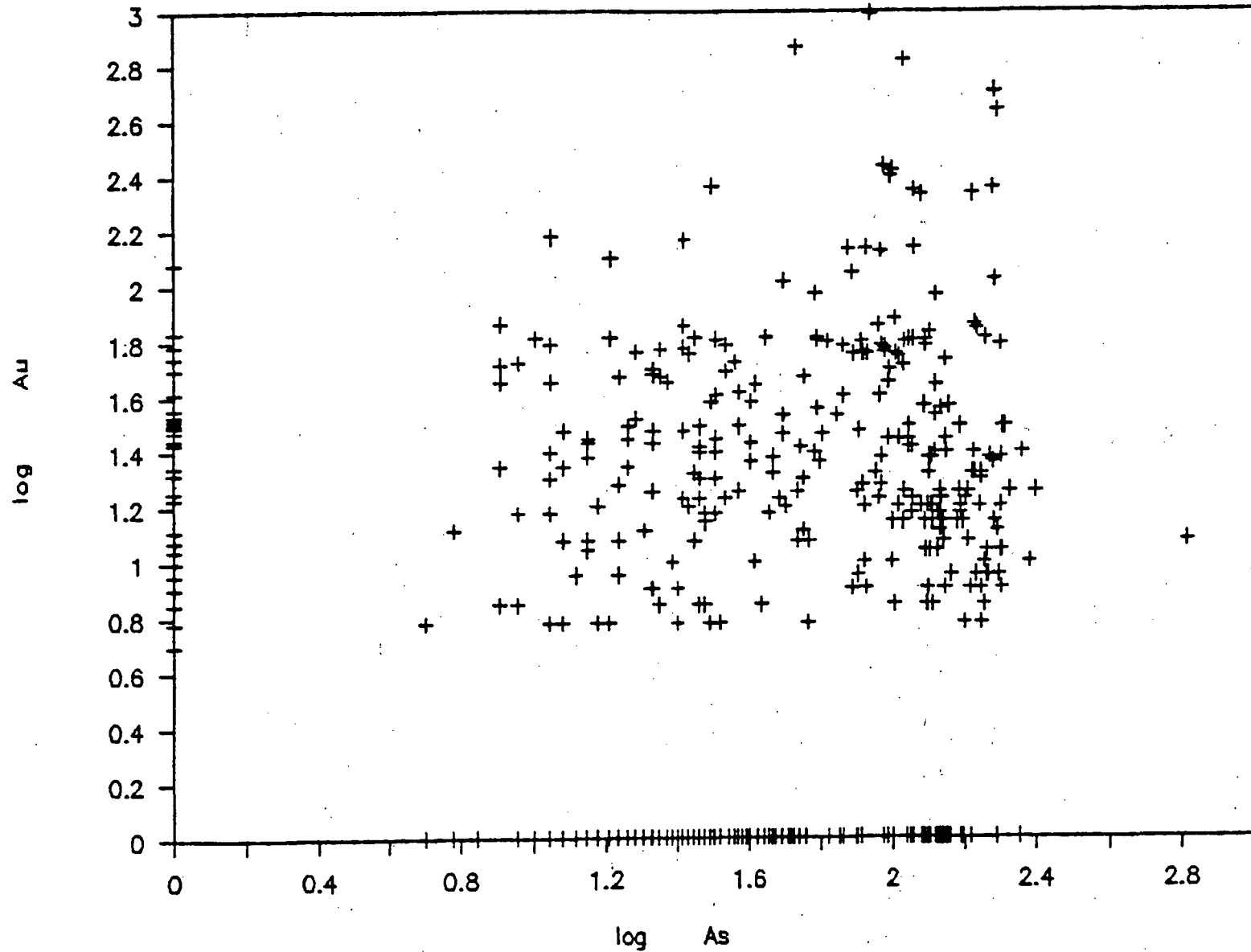


**APPENDIX 5**

# Project 519 - STEWART

(XY Plot)

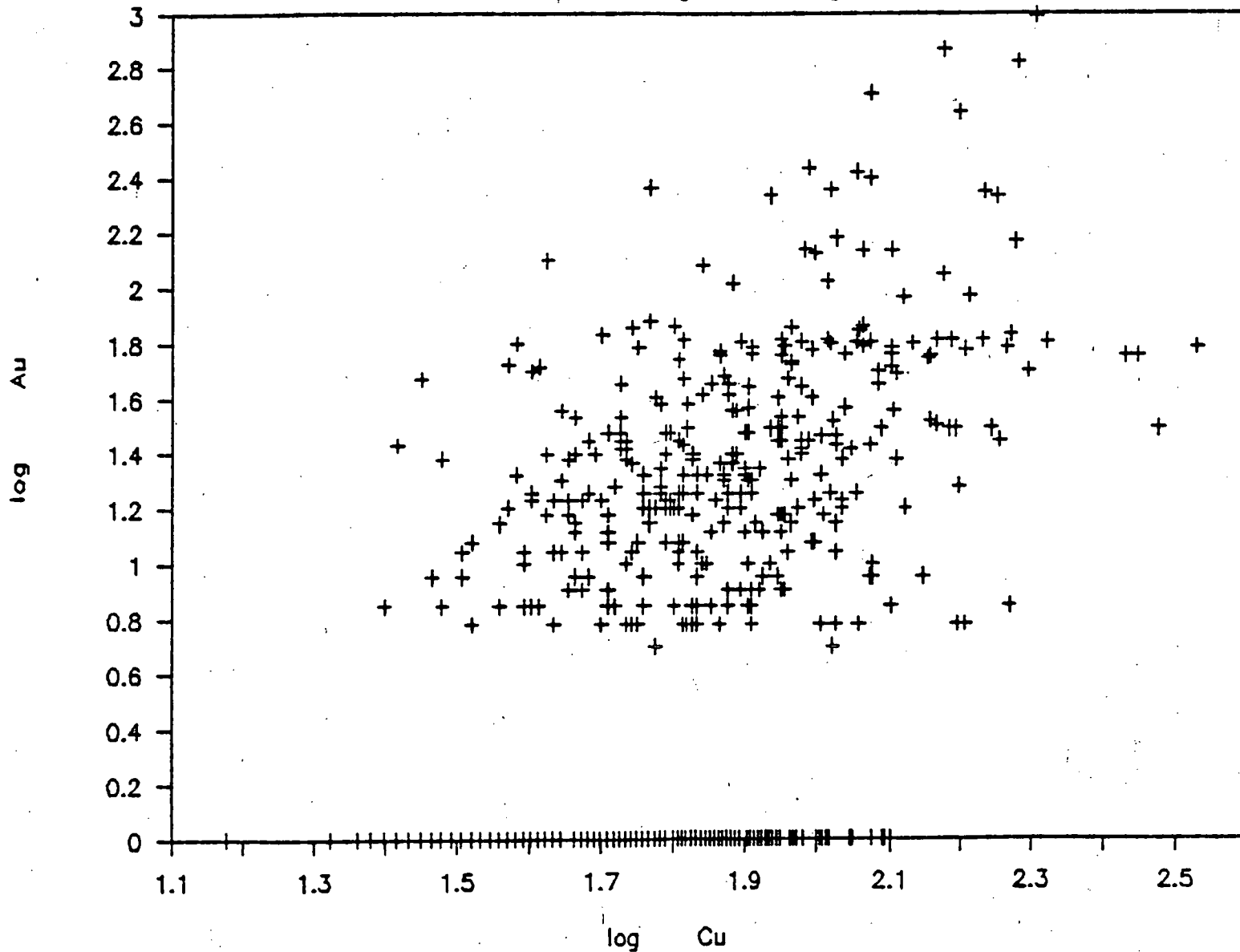
soil samples log Au vs. log As



# Project 519 - STEWART

(XY Plot)

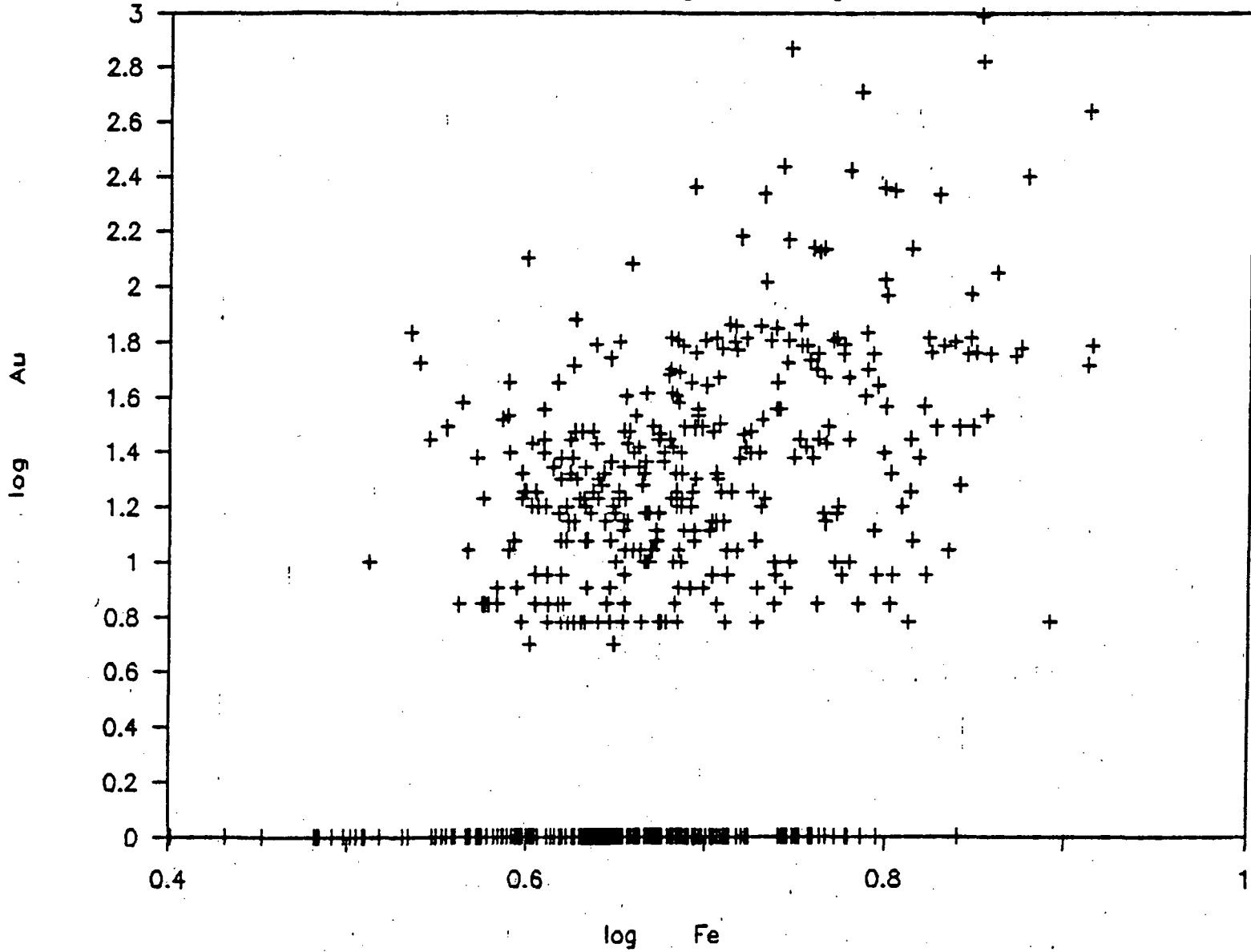
soil samples log Au vs. log Cu



# Project 519 - STEWART

(XY Plot)

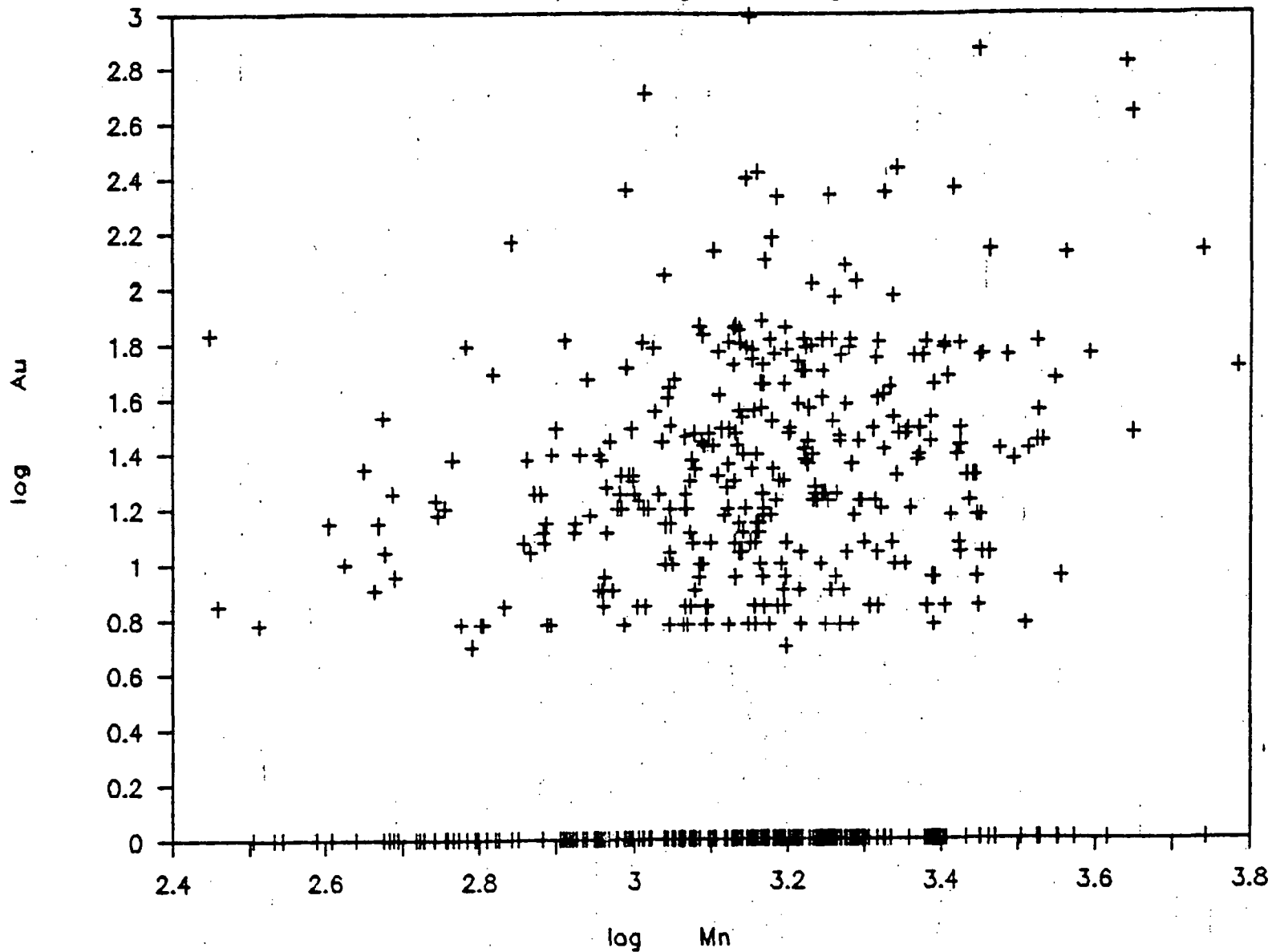
soil samples log Au vs. log Fe



# Project 519 - STEWART

(XY Plot)

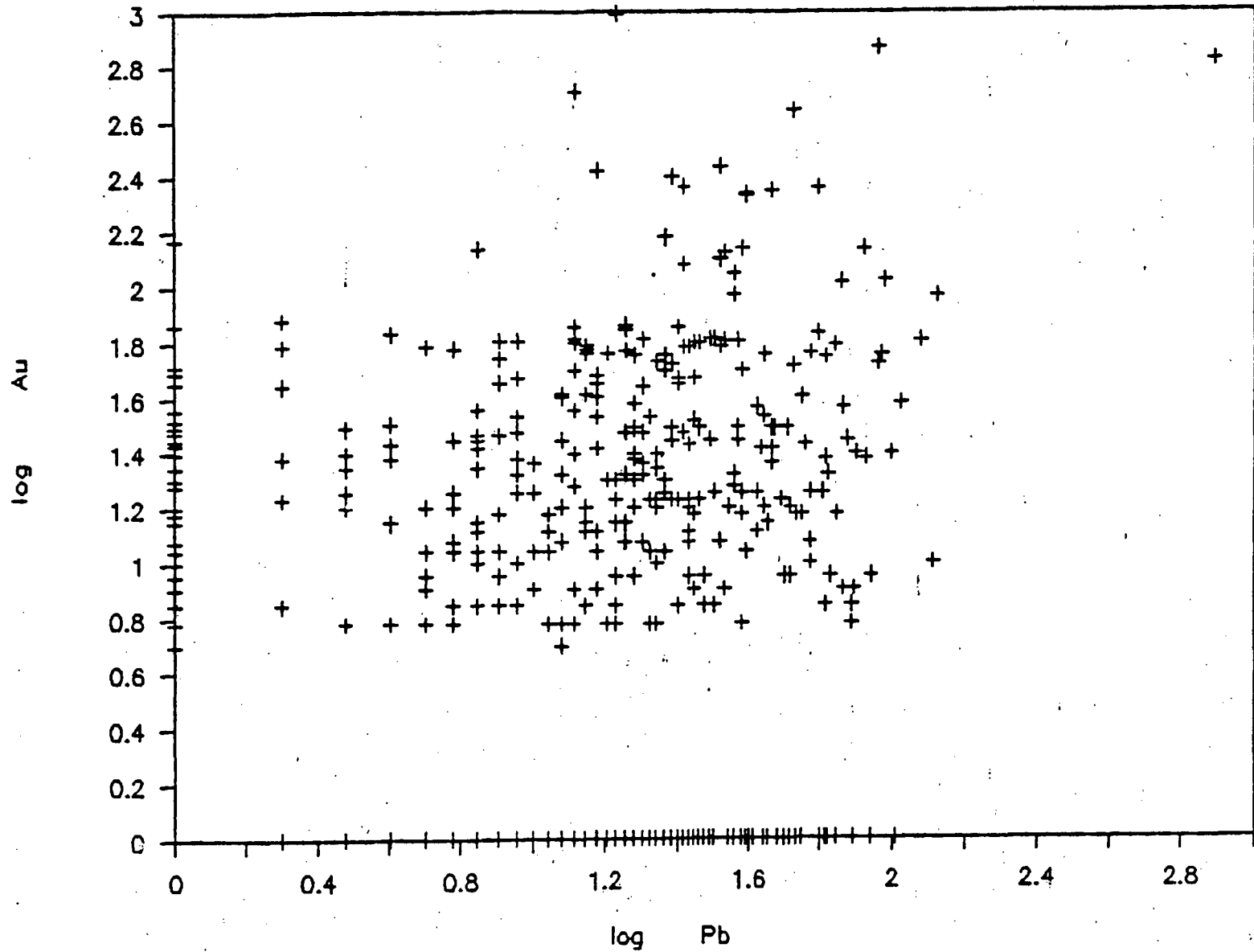
soil samples log Au vs. log Mn



# Project 519 - STEWART

(XY Plot)

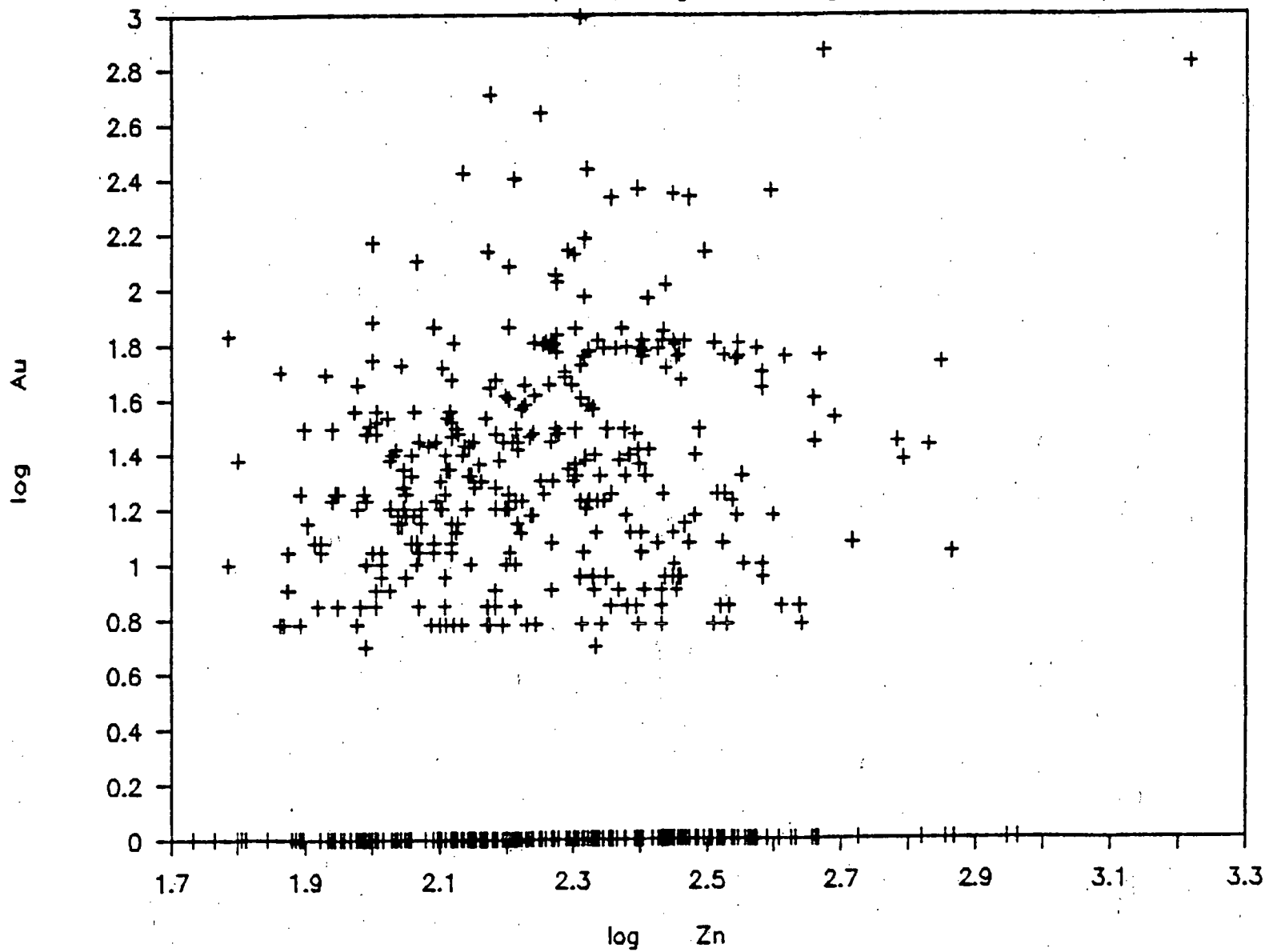
soil samples log Au vs. log Pb



# Project 519 - STEWART

(XY Plot)

soil samples log Au vs. log Zn

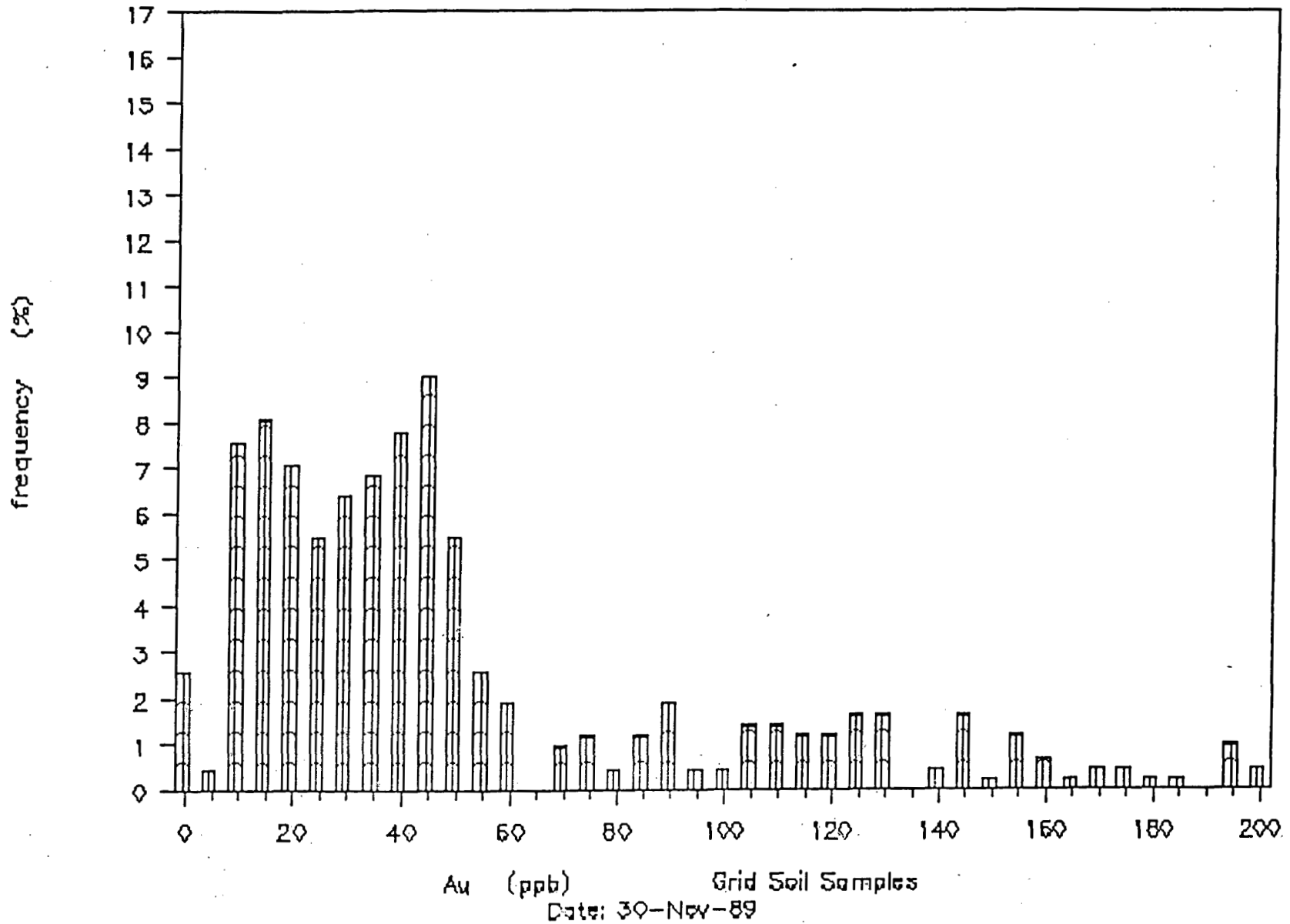


**APPENDIX 6**



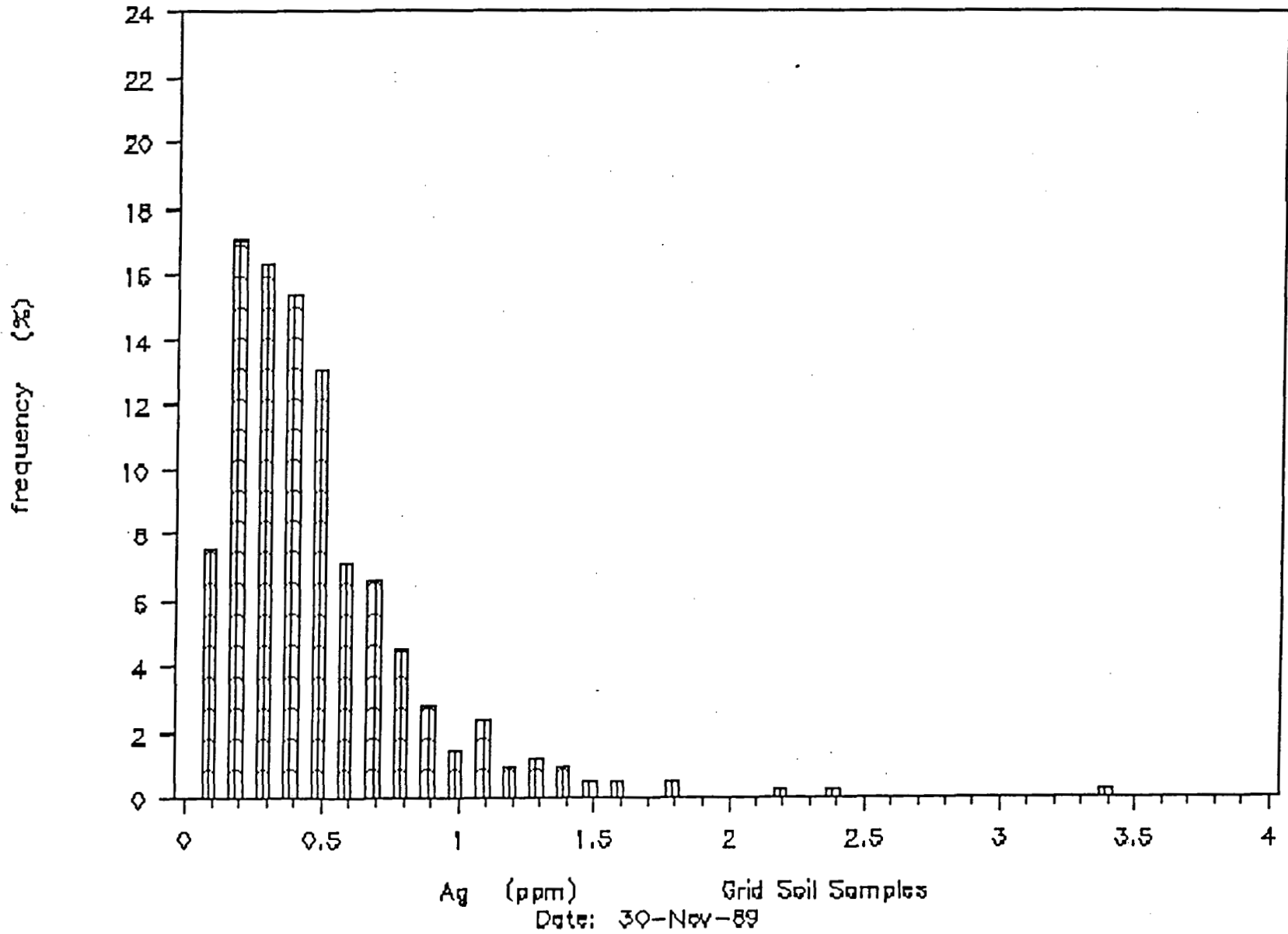
# Project 519 - Stewart (Au histogram)

n = 422, 6.2% >200ppb



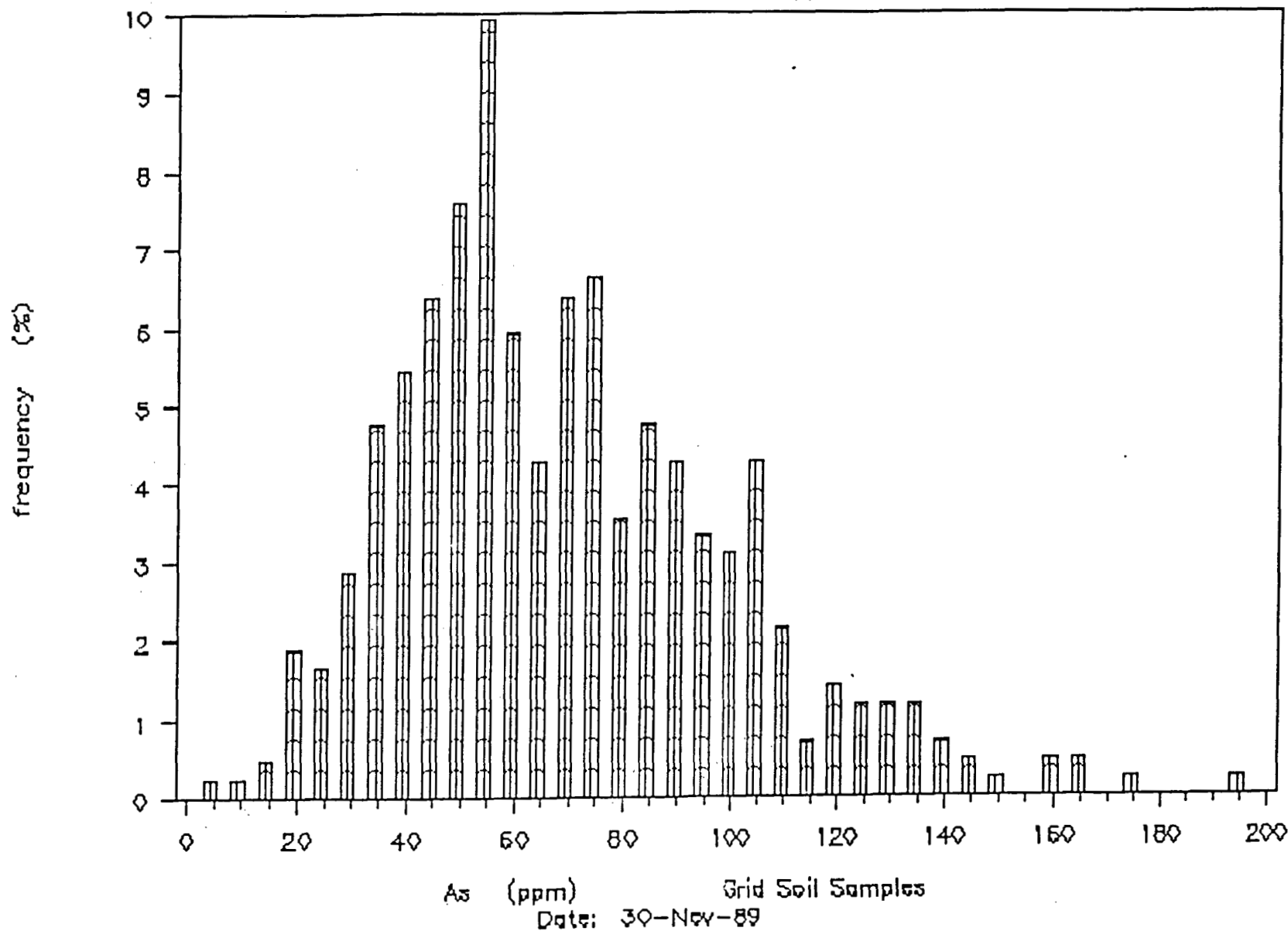
# Project 519 - Stewart (Ag histogram)

n = 422, 0.5% > 4.0ppm



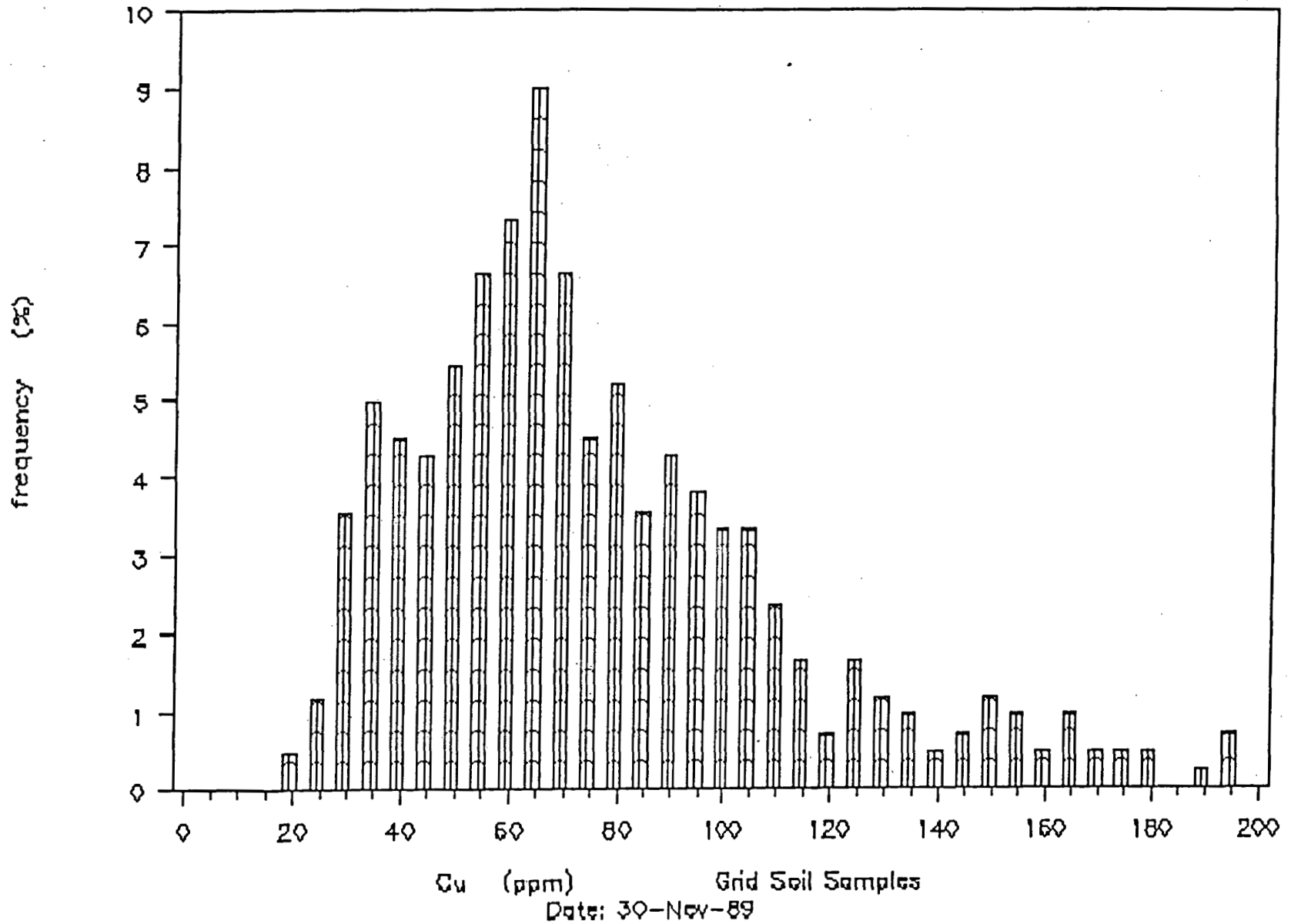
# Project 519 - Stewart (As histogram)

n = 422, 1.4% > 200ppm



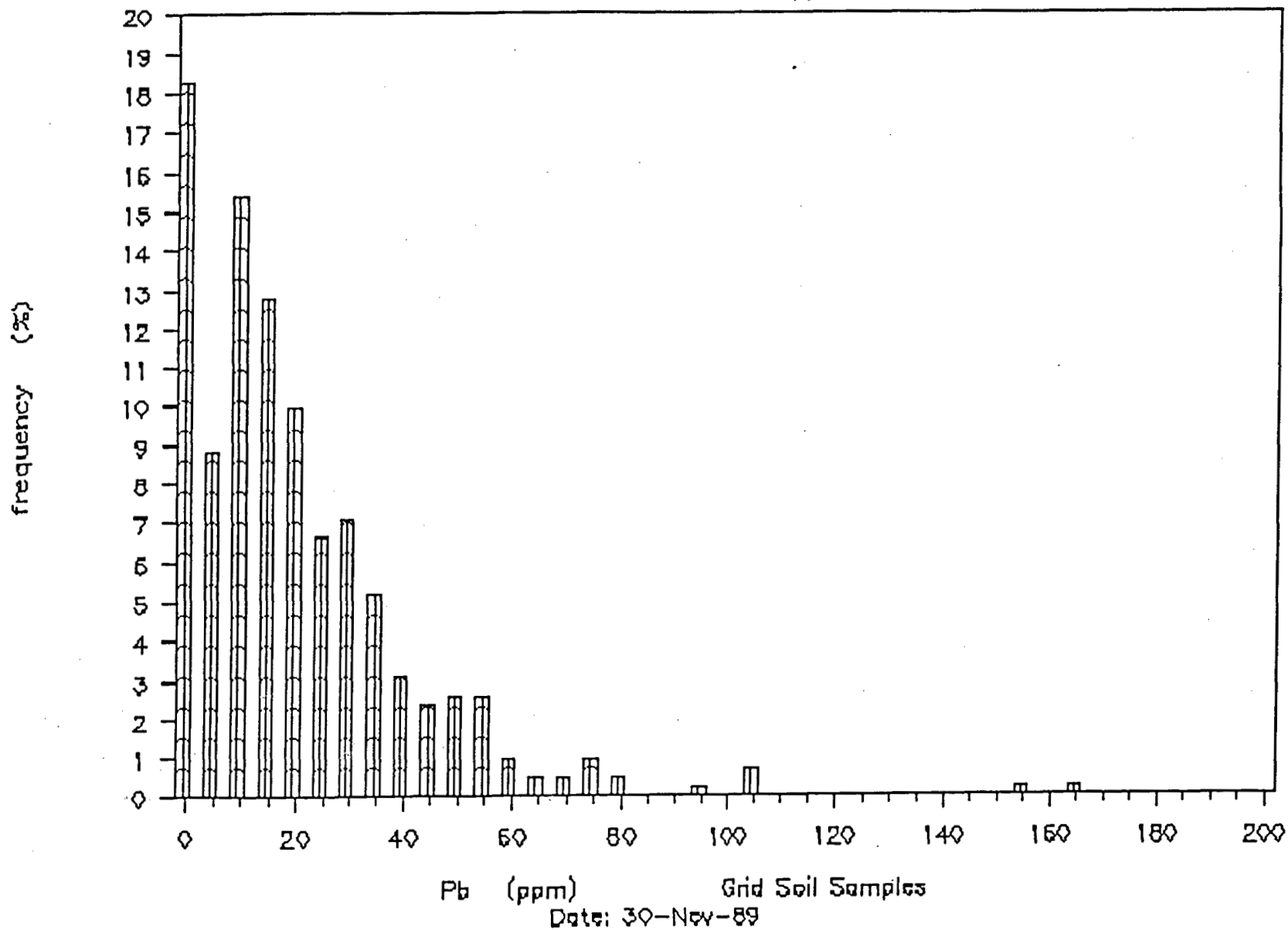
# Project 519 — Stewart (Cu histogram)

n=422, 2.4% >200ppm



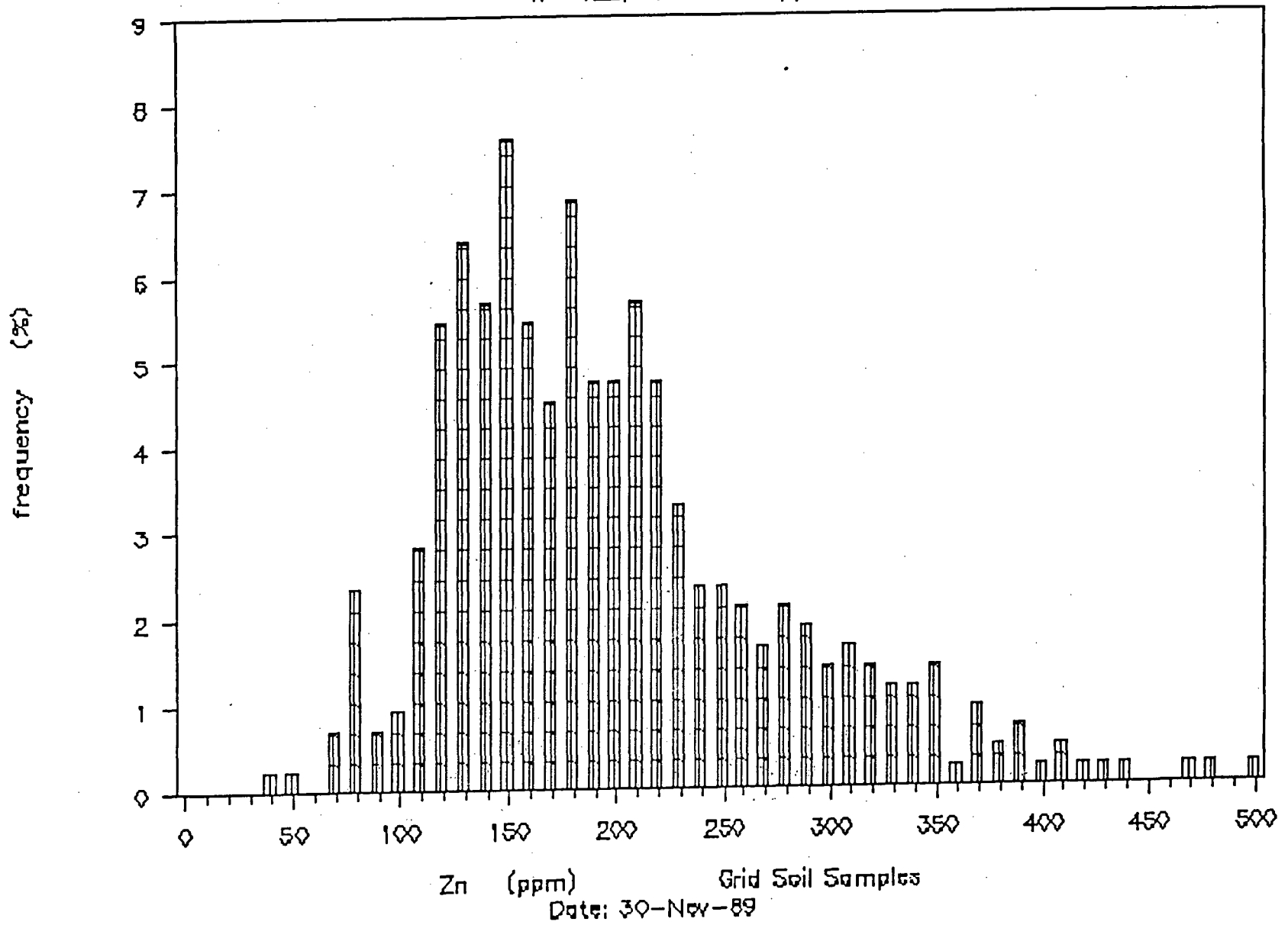
# Project 519 - Stewart (Pb histogram)

n = 422, 0.5% > 200ppm



# Project 519 - Stewart (Zn histogram)

n = 422, 1.4% > 500 ppm

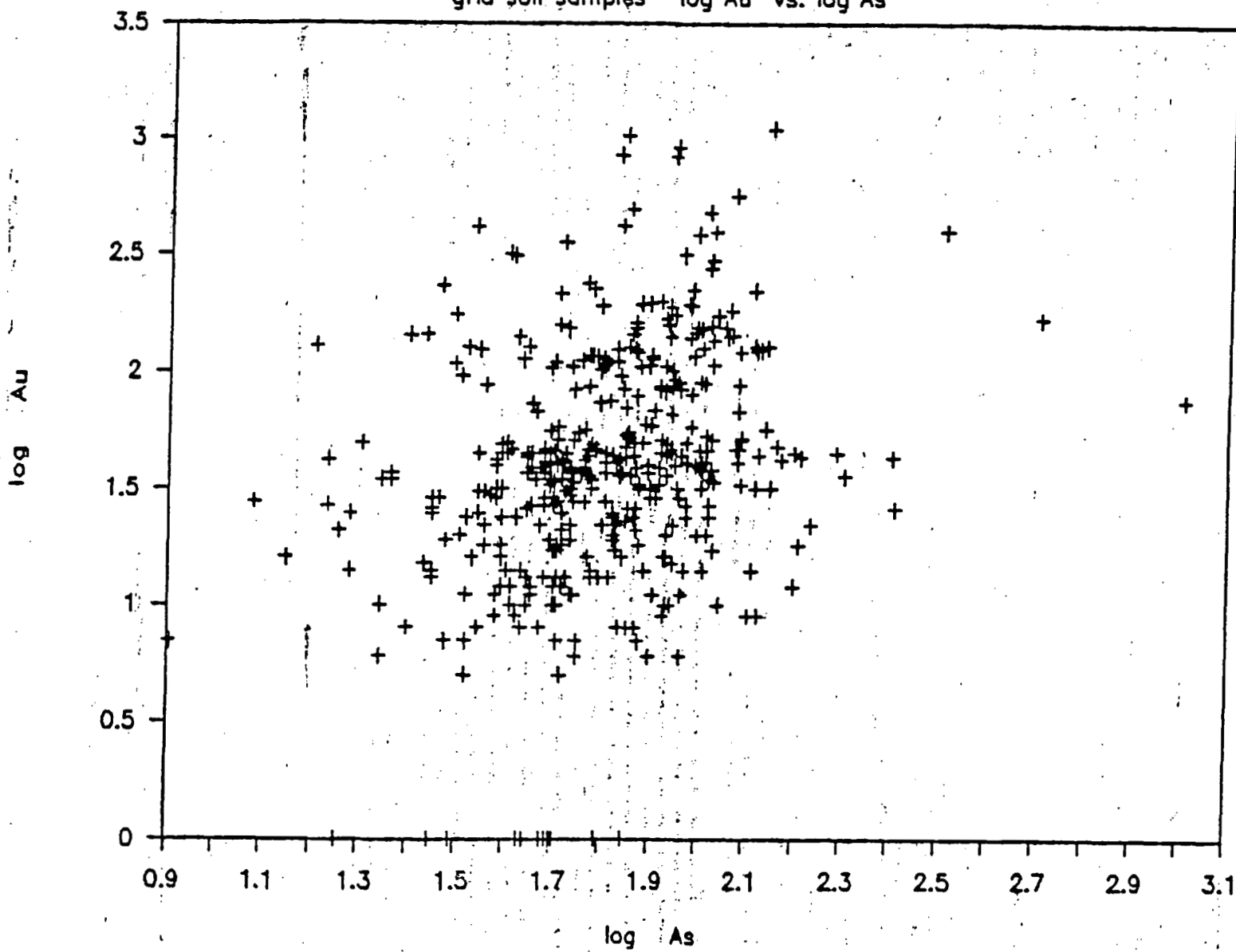


**APPENDIX 7**

# Project 519 - STEWART

(XY Plot)

grid soil samples log Au vs. log As

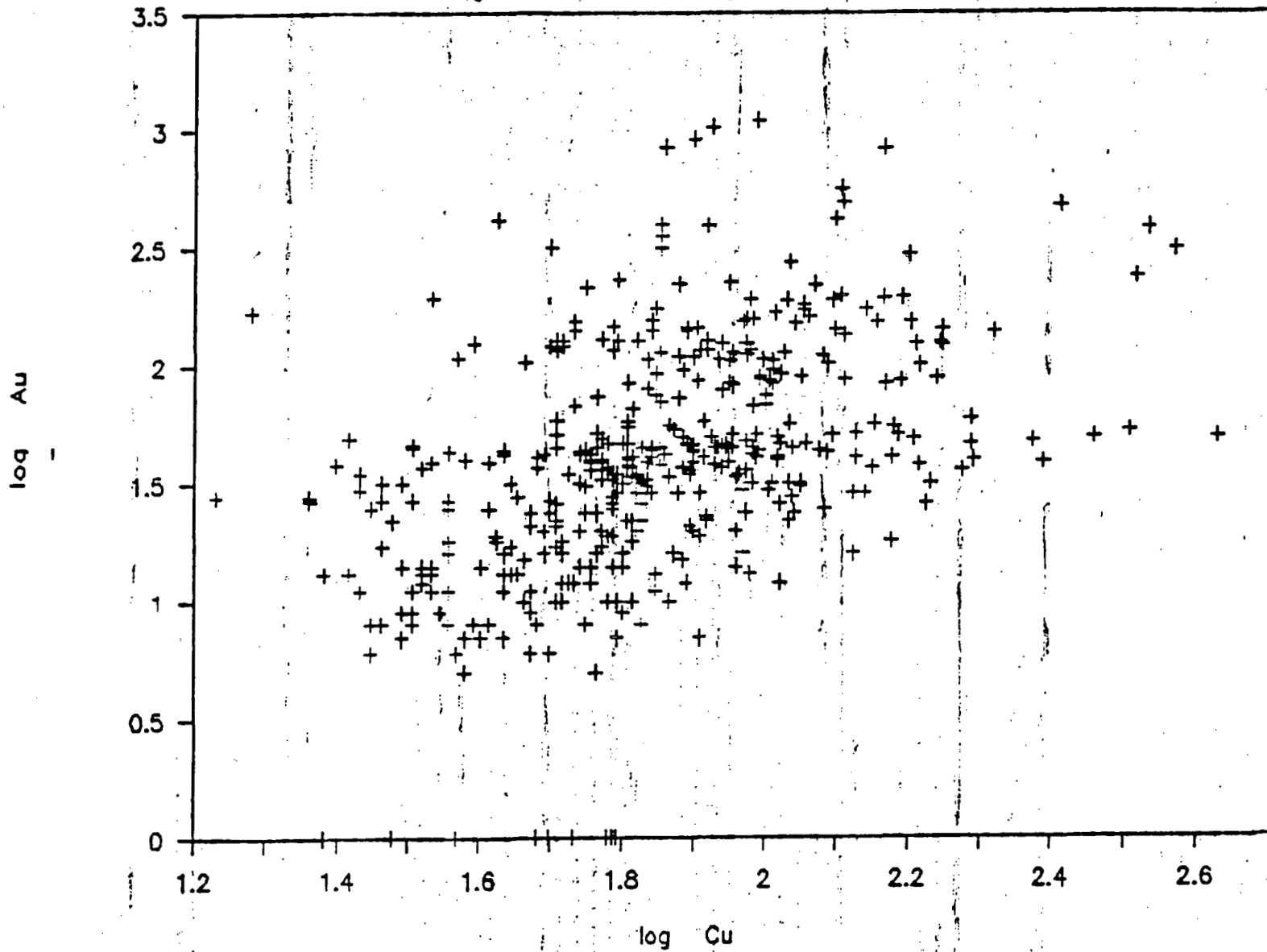




# Project 519 - STEWART

(XY Plot)

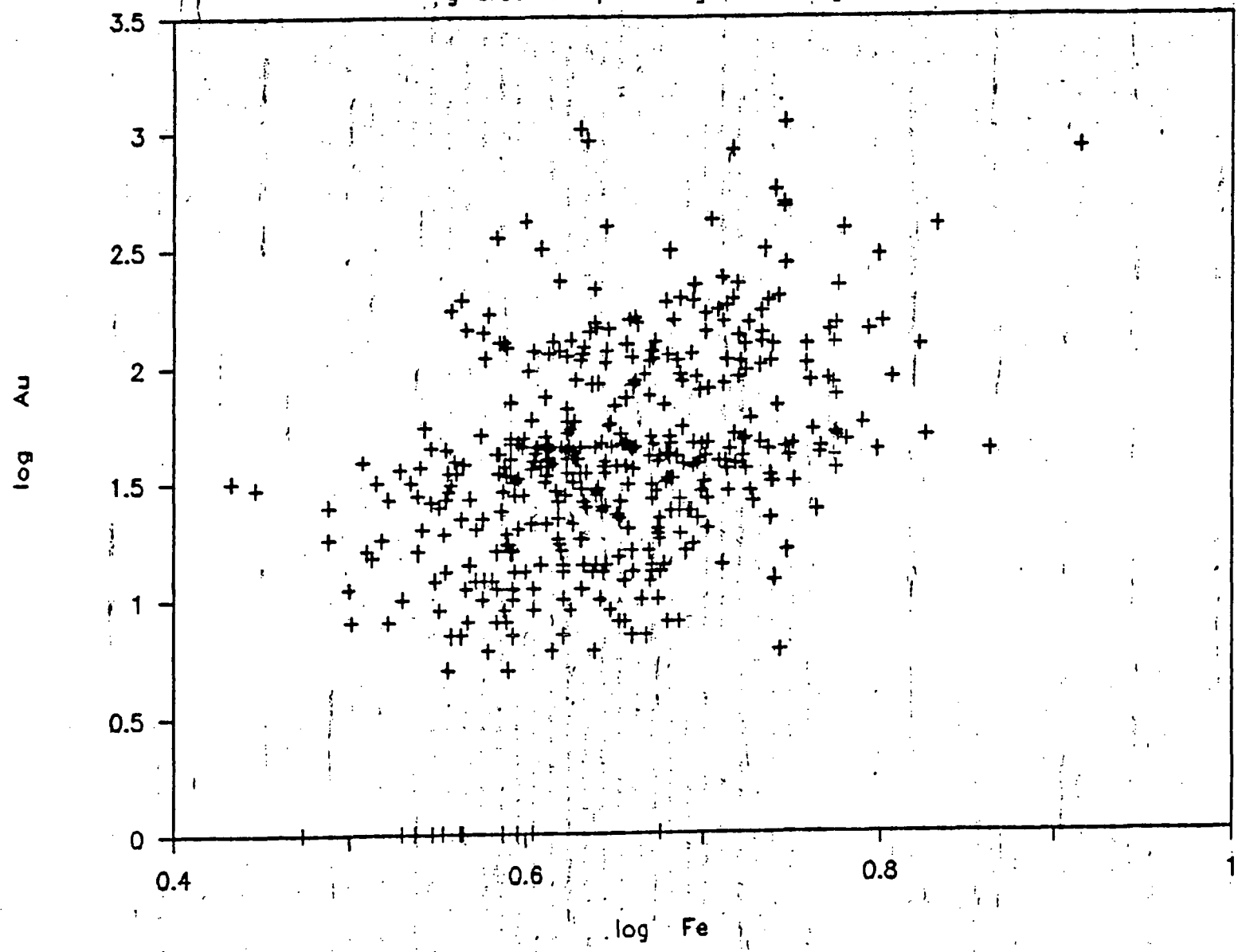
grid soil samples log Au vs. log Cu



# Project 519 - STEWART

(XY Plot)

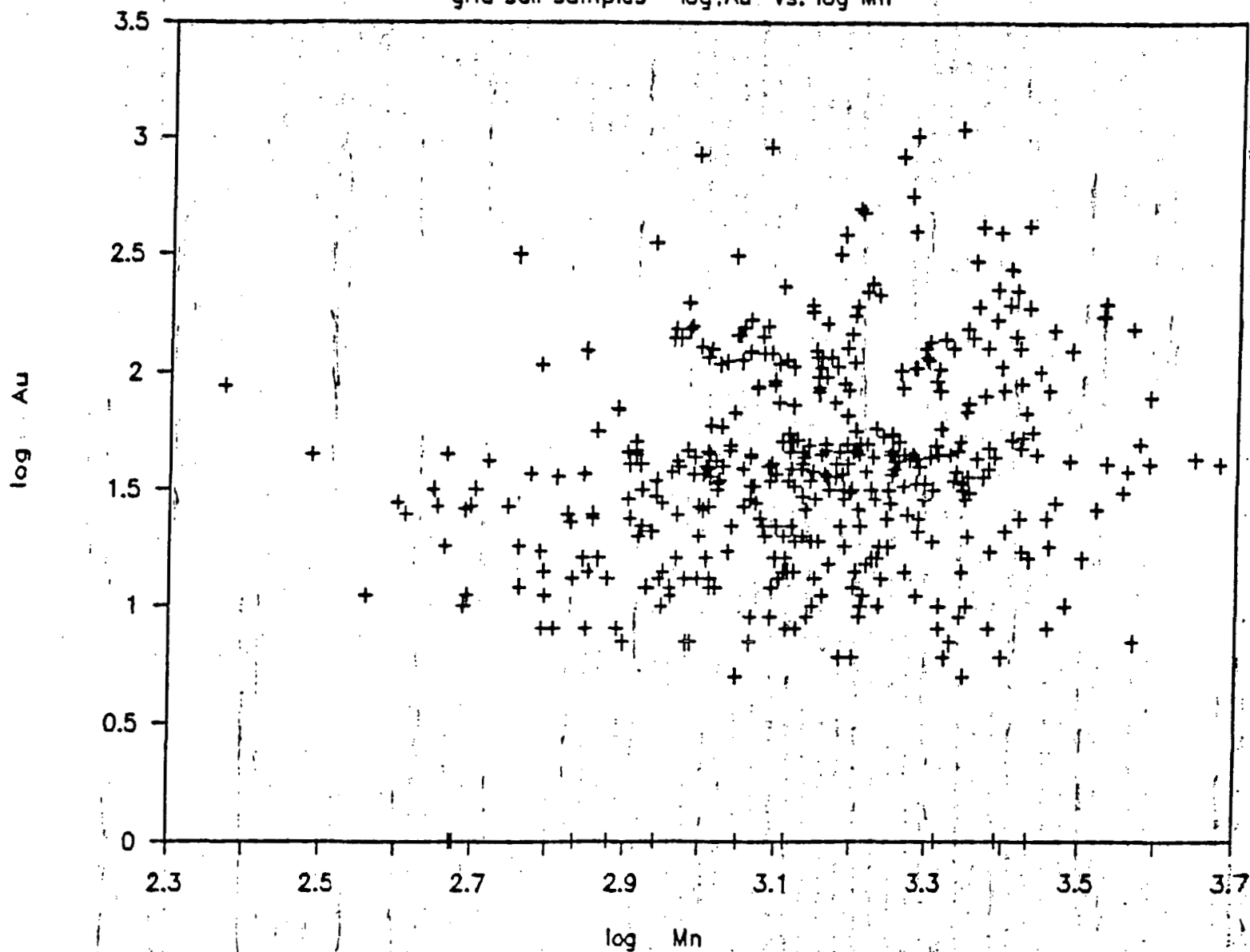
grid soil samples log Au vs. log Fe



Project 519 - STEWART

(XY Plot)

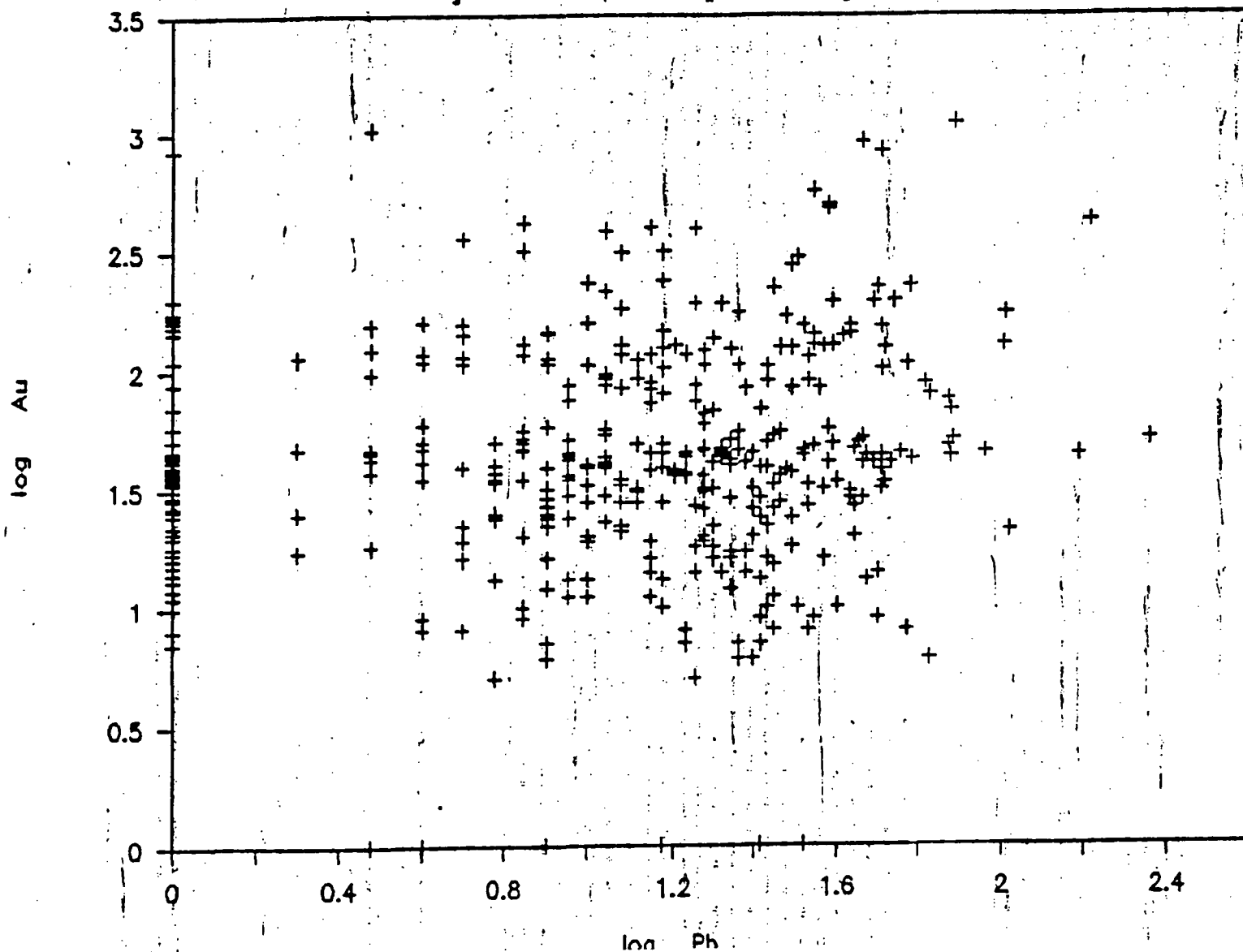
grid soil samples log Au vs. log Mn



# Project 519 - STEWART

(XY Plot)

grid soil samples log Au vs. log Pb



Project 519 - STEWART

(XY Plot)

grid soil samples log Au vs. log Zn

