MAP NO.: 105 O 1	**ASSESSMENT REPORT** X **PROSPECTUS** **CONFIDENTIAL** X **OPEN FILE**	**DOCUMENT NO:**	092729
		MINING DISTRICT:	Watson Lake
		TYPE OF WORK:	GEOCHEMICAL

REPORT FILED UNDER:		Cominco Ltd.		
DATE PERFORMED:		Aug. 10 - Sept. 1988	**DATE FILED:**	June 9, 1988
LOCATION:	**LAT.:**	63°10'N	**AREA:**	MacMillan Pass
	LONG.:	130°21'W	**VALUE $:**	22,700.00
CLAIM NAME & NO.:		TOME 1-192 YB14942-15133; JERRY 1- 26 YB15501-526; MAC 1- 12 YB02862-873		
WORK DONE BY:		D. Rhodes		
WORK DONE FOR:		Cominco Ltd.		

DATE TO GOOD STANDING:

REMARKS: ~~#1 TOM~~ #55 TOME

Contour soil geochemical sampling was done at 25 m and 50 m intervals (647 samples). High mean values of lead and silver (69.1 ppm and 2.0 ppm, respectively) were noted. There are five discrete cluster of anomalies.

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 105-O/1

1988 ASSESSMENT REPORT - GEOCHEMISTRY

TOM EAST PROPERTY - TOME CLAIMS

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

LATITUDE: 63°10'N

LONGITUDE: 130°21'W

WORK PERIOD: AUGUST 10 - SEPTEMBER 1, 1988

092729

May, 1989

D. RHODES

This report has been approved by
the Geological Evaluation Unit
under Section 53 (1) of the Yukon
Mining Act and is allowed as
representation work in the amount
of $ 22,700.00

D.A. Emond

for Regional Manager, Exploration
General Services for
Government of Yukon Territory.

ASSESSMENT REPORT - 1988
TOM EAST PROPERTY

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ATTACHMENTS

FIGURES (Within body of report)

PLATES (Within pouches at back of report)

COMINCO LTD.

EXPLORATION
NTS: 10501

WESTERN DISTRICT
MAY, 1989

ASSESSMENT REPORT - 1988
TOM EAST PROPERTY

1. SUMMARY

Two hundred and thirty claims were staked in three groups in 1988 flanking the Tom property. These three groups now comprise the Tom East property. They include the 192 Tome claims to the east of Tom, the 26 Jerry claims to the south of Tom and the 12 Mac claims to the north of the Tom. All of the claims are 100% Cominco owned.

No geological work was conducted on the claim groups in 1988. A soil geochemical sampling program was undertaken on parts of the Tome claim group. This work is described in this report. The soil geochemistry sampling was contracted to Gordon Clarke and Associates of Whitehorse. Six hundred and forty-seven "soil" samples were taken from fines derived from either talus or colluvium in dominantly alpine terrain. The samples were processed and analyzed for Pb, Zn, Ag at Cominco's Vancouver Research Lab.

The analytical data is presented in Appendix D and E and Plates 1988-3, 4 and 5, and 1989-1 and 2 of this report. It is concluded from this data that: (i) lead, silver values in soils are higher in this survey than the average for the MacMillan Pass camp; (ii) these higher values may be attributable to the "soils" being direct rock derivatives; (iii) despite the elevated backgrounds there are five clusters of anomalous values that deserve follow-up. Ground prospecting and more detailed soil and rock geochemistry, and geological mapping and prospecting is recommended in the vicinity of the 1988 anomalies.

2. LOCATION

The Tom East property is comprised of 230 claims in three groups all staked in 1988. The claims all flank the Tom property, the 26 claim Jerry Group to the south and southeast and the 12 claim Mac Group to the north (Figure 1). The 192 claim Tome group adjoins the Tom property to the ENE.

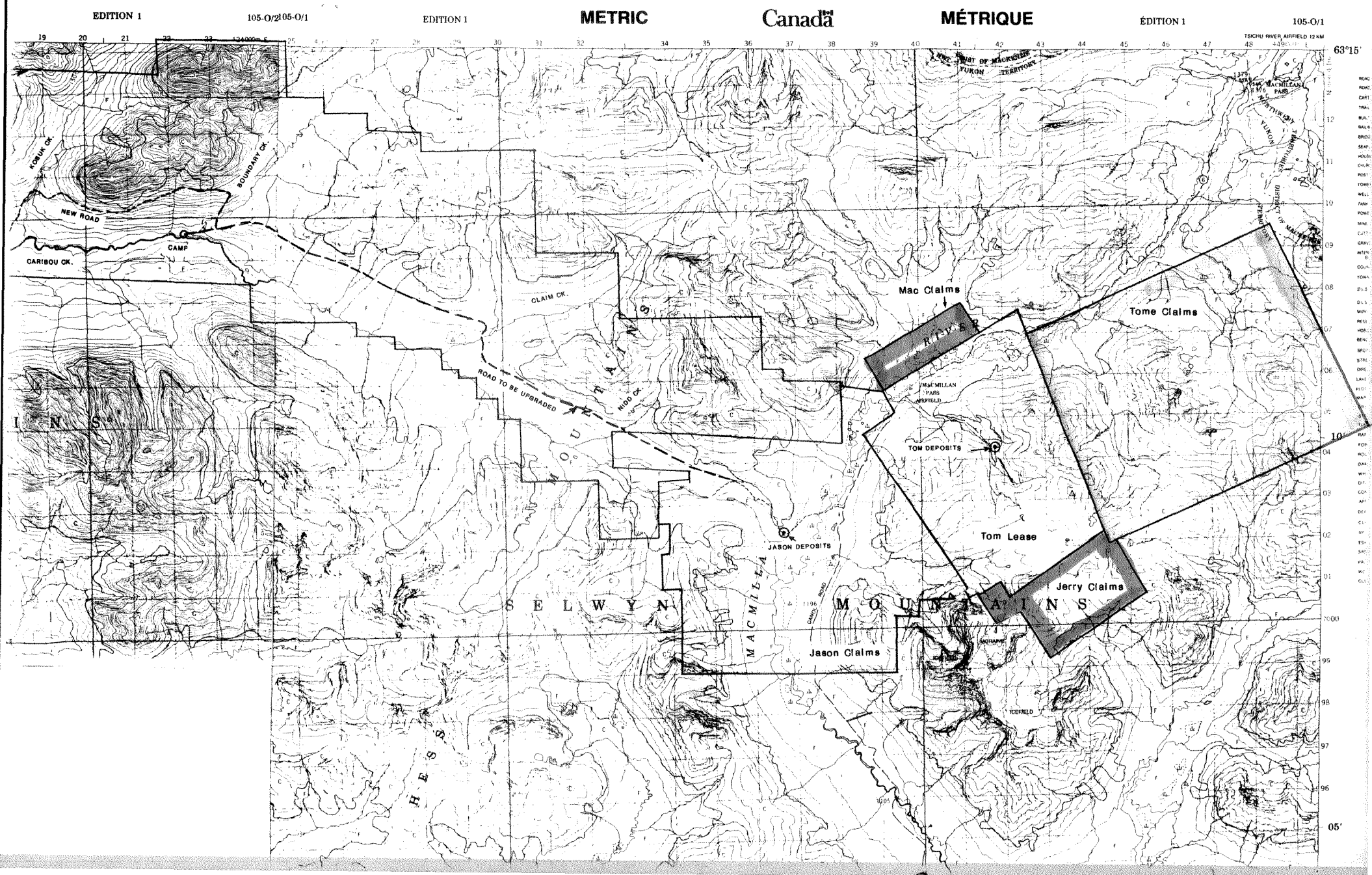
3. TENURE

All of the Tom East claims are 100% Cominco owned. Assessment dates are tabulated below:

	Recorded	Original Assessment Due Date
Tome 1 - 192	August 11, 1988	August 11, 1989
Jerry 1 - 26	October 11, 1988	October 11, 1989
Mac 1 - 12	October 7, 1988	October 7, 1989

FIGURE 1

LOCATION MAP OF TOM EAST CLAIMS



4. HISTORY

The initial prospector discovery of the Tom mineralization occurred in 1951 and there has been many phases of exploration on the Tom property since. Limited prospecting on the surrounding ground undoubtedly occurred in the years between 1951 and 1974 but is not documented.

Staking of the Jason claims in 1974 by the Ogilvie Joint Venture, and their subsequent discovery of the Main Zone in 1975 by drilling a geochemical and geological target, rekindled exploration interest in the MacMillan Pass area. In 1976 there was widespread exploration activity at MacMillan Pass. Welcome North Mines Ltd. staked 44 claims in the Sioux and Cree claim groups adjacent to and east of the Tom claim group. These claims which covered ground now forming the easternmost part of the Tome group were optioned by Inco Ltd. in 1977. They staked an additional eight claims and conducted geological mapping and a ground magnetometer survey in 1977. No mineralization was located and no further work was recommended by the Inco geologist.

The only other claims formerly lying in the Tome block were 16 Fog claims. No assessment work was filed on these claims and it is therefore likely that little work was undertaken on them.

5. WORK IN 1988

(i) Objective

The objective of the 1988 work was to provide a rapid preliminary examination of the Tome claim group with contour soil geochemistry.

(ii) Soil Geochemistry

The 1988 work program was limited to a contour soil geochemical sampling program on parts of the Tome claims. The sampling part of this program was contracted out to Gordon Clarke and Associates of Whitehorse. The program was undertaken between August 10 and September 1, 1988. The sampling was undertaken at 25 metre sample intervals on high priority lines and 50 metre intervals on lower priority lines. The sample locations and lines are shown on Plate 88-3 while results are plotted on Plate 88-4. Plate 88-5 highlights the anomalous values superimposed on a geology map with the geology taken from Abbott (1983). Plate 89-1 highlights anomalous Ba, Cu, Fe, Mn values. Note that no geological mapping or prospecting was undertaken by Cominco on these claims in 1988.

In total 647 samples were taken on the property. All of the samples were shipped to Cominco's Exploration Research Laboratory in Vancouver, B.C. for analysis. The samples were dried and screened. The -80 mesh size fraction was then digested by a 20% nitric acid solution and the lead, zinc, silver contents were determined by atomic absorption. Subsequently in January, 1989 the samples were analyzed for barium, copper, iron and manganese. Barium was analyzed by x-ray fluorescence, the others by atomic absorption. All of the analyses are presented in Appendix 1.

All of the samples were taken in alpine terrain above tree line and hence no true soil profiles were sampled. The "soils" taken comprise two kinds of material - namely: (i) fines gathered from sample sites on rock talus slopes, (ii) soils from material with greater downslope transport - colluvium.

6. RESULTS OF 1988 SOIL GEOCHEMISTRY PROGRAM

Statistical evaluations and plots of the lead, zinc, silver, barium, copper, manganese and iron values were undertaken by computer and these are presented in Appendix 2. These statistics are run on a slightly larger population of 720 samples with the balance being sampled off the claim group. The lead and silver populations show relatively high values - means of 69.1 ppm and 2.0 ppm respectively. The zinc values are not particularly high with a mean of 171.8 ppm. Separate histograms and statistics for lead values derived from talus versus colluvium samples show substantially different populations with all of the very high values being confined to colluvium. This is not presently understood but will be investigated in the 1989 season. Based on previous data elsewhere in the MacMillan Pass camp (Nidd, Jason) values of lead greater than 50 ppm and silver greater than 2.0 ppm and zinc greater than 500 ppm can be regarded as moderately anomalous. Many of these other populations include a significant number of good soils versus the generally rock derivative materials (talus and colluvium) sampled on the Tome claims. It is likely that the lead, silver values on the Tome claims are less diluted and a closer approximation to the actual values in the rock. Zinc values are likely to be lower than in the rock since the high pyrite contents of Earn Group rocks generally results in acid ground waters which leach out the zinc. On Plate 5 all Pb, Zn and Ag values greater than 50, 1500 and 1.4 ppm respectively are accentuated by symbols. Specific values are given for samples of Pb, Zn and Ag greater than 100, 1500 and 2 ppm respectively. Highlighted are Pb, Zn and Ag values greater than 200, 1500 and 6 ppm respectively. These anomalous values are grouped into five clusters labelled I to V on Plate 88-5.

7. CONCLUSIONS

It is concluded from the 1988 geochemical program that:

1. A high proportion of the soil samples taken exhibit above average values for lead, silver compared to other soil surveys in the MacMillan Pass camp.

2. These high values may in part be attributable to the "soils" being rock derivative fines of talus and colluvium in alpine terrain. They may therefore more closely approximate the original level of base metals in the parent rock.

3. Nevertheless there are some very significant values that are clearly anomalous and form five discrete clusters.

8. RECOMMENDATIONS

It is recommended that in the 1989 field season the five anomalies defined by soil geochemistry in 1988 be followed up by ground prospecting, geological mapping and detailed soil and rock geochemistry if deemed necessary following ground checks.

9. REFERENCES

Abbot, G., 1982,
Structure and Stratigraphy of the MacMillan Fold Belt Evidence for Devonian Faulting; DIAND Open File.

Reported by: Derek Rhodes

D. Rhodes
Senior Geologist

Approved for Release by: John Hamilton

J.M. Hamilton
Manager Exploration,
Project Development

DR/jd

Distribution: Mining Recorder (2); Western District

1988 ASSESSMENT REPORT
TOM EAST PROPERTY - TOME CLAIMS

APPENDIX "A"

STATEMENT OF EXPENDITURES
SEPTEMBER 1, 1988 to MAY 10, 1989

Staff Field Costs - Supervision: D. Rhodes 4 days @ $398.84			$1,595.36
Geology Supplies			25.44
Geochemistry:			
Contract Sampling		$5,500.00	
1988 Analyses:	Prep., AA analysis for Pb, Zn, Ag 647 samples @ $5.25	3,396.75	
1989 Analyses:	XRF powder analysis for barium 647 samples @ $4.50	2,911.50	
	AA analysis for Cu, iron, manganese 647 samples @ $4.25	2,749.75	
			14,558.00
Transportation:	helicopter	$3,494.16	
	vehicle	200.00	
	fuel	251.26	
			3,945.36
Groceries			442.96
Drafting Reproduction			607.39
Report Preparation: D. Rhodes 4 days @ $398.84			1,595.36
TOTAL			$22,770.47

APPENDIX "B"

AFFIDAVIT

I, Dereck Rhodes, of the District of North Vancouver, in the Province of British Columbia, make oath and say:

1. THAT I am employed as a Senior Geologist by Cominco Ltd., and as such have a personal knowledge of the facts to which I hereinafter depose;

2. THAT annexed hereto and marked as Appendix "A" to this my affidavit is a true copy of expenditures incurred in connection with a soil geochemical program carried out on the Tome mineral claims;

3. THAT said expenditures were incurred between the tenth day of August and the first day of September, 1988 for the purpose of mineral exploration on the noted claims.

Dereck Rhodes
Senior Geologist

DR/jd

May, 1989

APPENDIX "C"

STATEMENT OF QUALIFICATIONS

I, Dereck Rhodes, of the District of North Vancouver, in the Province of British Columbia, hereby certify:

1. THAT I am a geologist residing at 2514 Bronte Road, North Vancouver, British Columbia with a business address at 700-409 Granville Street, Vancouver, British Columbia.

2. THAT I graduated with a B.Sc. in geology from McMaster University, Hamilton, Ontario in 1969

3. THAT I have practised geology with Cominco Ltd. from June, 1969 to the present.

Dereck Rhodes
Senior Geologist

DR/jd

May, 1989

APPENDIX "D"

SOIL GEOCHEMISTRY DATA

SAMPLE NO.	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8812740	82073	16	30	25	1378	1.8	1.84	33
8812741	82074	13	61	65	3229	6.2	3.69	76
8812742	82075	25	51	53	2406	4.3	3.26	42
8812743	82076	24	17	48	2470	1.1	3.01	78
8812744	82077	31	16	49	3002	0.4	4.38	132
8812745	82078	27	36	43	2601	0.4	4.2	139
8812746	82079	58	15	65	2840	0.4	5.57	190
8812747	82080	45	30	51	3329	0.4	10.4	114
8812748	82081	32	13	68	2547	0.4	4.44	181
8812749	82082	25	7	99	2300	0.4	3.9	461
8812750	82083	22	11	36	1748	0.4	2.26	110
8812751	82084	61	33	78	3094	0.4	7.06	139
8812752	82085	55	22	102	2838	0.4	5.55	146
8812753	82086	49	36	77	3407	0.4	5.51	114
8812754	82087	64	31	78	3513	0.4	8	109
8812755	82088	42	24	64	3687	0.4	4.2	109
8812756	82089	43	24	67	3681	0.4	4.52	112
8812757	82090	74	24	115	4593	0.4	4.46	165
8812758	82091	31	14	59	4002	0.4	3.01	69
8812759	82092	34	11	55	4046	0.4	2.65	81
8812760	82093	46	13	81	2917	0.4	3.56	100
8812761	82094	42	16	110	4253	0.4	4.38	160
8812762	82095	39	18	80	3724	0.4	4.16	116
8812763	82096	48	19	90	3284	0.4	5.3	131
8812764	82097	39	17	78	3457	0.4	4.37	127
8812765	82098	37	12	75	3460	0.4	3.61	104
8812766	82099	28	12	74	3431	0.4	3.55	142
8812767	82100	70	184	249	2777	0.4	3.61	148
8812768	82101	44	65	121	2790	0.4	4.01	150
8812769	82102	55	100	166	3100	0.4	3.95	155
8812770	82103	43	62	128	3165	0.4	4.38	121
8812771	82104	43	41	103	2701	0.4	4.97	93
8812772	82105	33	46	84	2424	0.8	3.26	86
8812773	82106	31	49	66	2233	0.5	1.47	92
8812774	82107	17	44	59	1479	0.4	0.52	69
8812775	82108	33	57	101	1535	0.4	1.2	66
8812776	82109	23	35	70	3416	1	3.15	77
8812777	82110	28	51	85	2649	0.5	1.47	45
8812778	82111	31	40	83	2785	0.6	2.57	64
8812779	82112	26	36	76	2900	1.9	2.19	52
8812780	82113	36	44	56	2770	0.9	2.16	52
8812781	82114	31	87	60	3881	0.6	2.66	58
8812782	82115	10	7	14	1203	0.4	0.51	20
8812783	82116	30	29	40	3757	0.6	1.26	30
8812784	82117	18	35	44	2157	0.8	2.32	39
8812785	82118	24	51	88	2956	0.5	2.33	68
8812786	82119	12	15	28	1686	0.4	1.05	27.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8812787	82120	20	30	51	2820	0.7	2.93	47
8812788	82121	20	41	64	2732	0.7	2.07	56
8812789	82122	18	27	48	2054	0.6	2.28	43
8812790	82123	18	35	54	2558	0.8	2.82	33
8812791	82124	17	50	54	2277	0.4	1.92	39
8812792	82125	17	28	52	2206	0.5	2.04	61
8812793	82126	22	17	32	1970	0.6	1.92	47
8812794	82127	25	22	41	1946	0.5	2.31	43
8812795	82128	18	17	31	1360	0.4	1.15	39
8812796	82129	28	27	50	2238	0.6	3.23	75
8812797	82130	22	21	30	1929	0.6	2.17	30
8812798	82131	23	29	25	1818	0.7	1.96	29
8812799	82132	31	28	34	2023	1	2.81	47
8812800	82133	20	13	30	1652	0.4	1.97	68
8812801	82134	25	22	28	1952	1.3	2.49	53
8812802	82135	24	16	40	1768	0.4	2.97	233
8812803	82136	38	20	35	2073	0.7	3.07	58
8812804	82137	35	10	23	1908	0.7	2.8	38
8812805	82138	26	16	32	2064	0.6	2.24	42
8812806	82139	23	12	30	1741	0.4	2.15	42
8812807	82200	180	26	252	1268	0.4	15.4	318
8812808	82201	92	6	110	1479	0.4	10.8	73
8812809	82202	106	56	188	6281	1.7	11.9	7010
8812810	82203	56	15	142	3443	2	5.36	170
8812811	82204	61	29	60	4966	2.6	4.29	56
8812812	82205	59	60	181	5796	6.2	9.2	189
8812813	82206	54	56	154	5168	5.3	6.83	93
8812814	82207	65	5	192	2357	0.4	5.8	283
8812815	82208	48	37	92	6230	3.9	5.14	26
8812816	82209	39	20	60	4526	2.4	2.79	64
8812817	82210	36	25	67	5333	3	3.4	32
8812818	82211	29	15	24	3113	2.5	2.91	20
8812819	82212	24	6	16	3796	2	1.49	12
8812820	82213	35	11	17	3694	4.2	1.97	16
8812821	82214	28	34	18	4313	6	2.62	32
8812822	82215	26	17	14	3401	3.1	2.35	27
8812823	82216	20	19	14	2473	2	2.74	38
8812824	82217	27	129	16	2484	3.5	2.36	27
8812825	82218	39	44	14	3019	3.9	2.59	24
8812826	82219	32	66	11	2588	3.7	2.75	25
8812827	82220	35	14	5	2657	2	1.79	6
8812828	82221	30	14	6	2772	1.5	1.48	6
8812829	82222	17	34	12	3068	2.6	2.18	17
8812830	82223	14	33	8	3753	2.8	2.42	19
8812831	82224	13	32	14	3869	2.4	1.77	22
8812832	82225	22	57	15	4376	4.7	3.53	15
8812833	82226	17	18	8	3794	1.3	2.35	56
8812834	82227	15	49	13	3617	3.4	1.63	6
8812835	82228	10	25	8	3214	1.7	1.53	36
8812836	82229	11	34	12	3394	3	1.77	45
8812837	82230	10	28	10	3354	2.1	1.01	46
8812838	82231	65	107	105	3777	6.2	5.4	100
8812839	82232	32	226	35	4320	3.4	10.5	68
8812840	82233	20	64	39	2272	1.7	1.17	21
8812841	82234	23	43	27	2332	1.1	1.71	16
8812842	82235	14	48	66	1825	0.6	1.38	28
8812843	82236	16	90	66	1907	0.6	1.05	27
8812844	82237	38	65	175	1645	0.4	4.57	77
8812845	82238	38	82	86	1736	3.3	3.4	117
8812846	82239	27	57	78	3329	2.4	4.13	70.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8812847	82240	218	106	360	2201	3.3	10.5	1900
8812848	82241	42	127	93	2663	3.8	4.11	87
8812849	82242	2920	340	1620	2052	1.1	2.37	109
8812850	82243	37	58	86	1888	1.7	4.18	139
8812851	82244	217	65	205	2207	0.6	1.33	82
8812852	82245	140	234	398	2574	1.1	2.88	90
8812853	82246	28	19	17	2069	0.9	2.74	21
8812854	82247	364	466	740	2046	1.1	2.48	241
8812855	82248	126	34	338	1618	0.8	15.3	65
8812856	82249	131	155	263	2025	0.9	3.91	174
8812857	82250	74	49	269	2079	1.5	13.3	41
8812858	82251	44	28	77	2327	1	3.14	215
8812859	82252	116	152	154	2280	4.5	11.5	88
8812860	82253	119	139	153	1856	7.3	5.07	115
8812861	82254	227	218	326	1423	6.7	11.6	324
8812862	82255	275	159	394	1394	6.5	11.2	348
8812863	82256	218	168	232	1524	7.4	7.8	181
8812864	82257	130	146	153	2027	4.4	4.66	119
8812865	82258	134	103	126	2040	4.1	4.59	182
8812866	82259	146	106	100	1922	6.5	3.71	122
8812867	82260	103	118	83	1806	6.7	5.82	67
8812868	82261	431	93	219	772	5.5	24.1	668
8812869	82262	143	172	131	1905	10.5	4.86	143
8812870	82263	88	115	69	1610	8.5	3.8	142
8812871	82264	127	210	146	2094	6.8	4.07	263
8812872	82265	149	131	329	2676	3.2	1.88	17300
8812873	82266	126	234	94	2237	8.8	4.23	175
8812874	82267	74	166	45	3209	4.4	3.5	39
8812875	82268	60	78	41	3042	3.2	3.41	24
8812876	82269	1050	42	43	2392	2.1	5.34	1750
8812877	82270	312	41	46	2819	8.2	2.83	428
8812878	82271	231	48	78	2483	2.3	3.68	669
8812879	82272	222	102	63	2732	6.9	2.9	2220
8812880	82273	71	113	66	3237	8	4.74	72
8812881	82274	483	62	378	3015	1.9	4.4	963
8812882	82275	50	40	45	6296	2	3	39
8812883	82276	63	54	49	2072	0.6	2.8	108
8812884	82277	53	69	64	5345	1.2	2.88	76
8812885	82278	52	149	110	1842	0.4	3.53	70
8812886	82279	49	66	80	6048	2	3.07	51
8812887	82280	127	91	50	6920	2.1	8.3	35
8812888	82281	65	101	62	3514	2.8	4.32	86
8812889	82282	67	54	74	2128	0.6	3.71	156
8812890	82283	88	34	44	1767	0.8	3.9	70
8812891	82284	75	35	42	1904	0.9	3.75	64
8812892	82285	77	29	55	1770	1.3	2.65	159
8812893	82286	73	48	49	2437	2	3.44	92
8812894	82287	57	33	55	1495	0.9	3.84	59
8812895	82288	68	40	63	2290	1.5	2.96	81
8812896	82289	138	36	73	2332	0.7	1.9	892
8812897	82290	64	41	88	1547	0.5	3.34	96
8812898	82291	65	37	77	2154	0.8	3.29	140
8812899	82292	214	43	103	1196	12.3	3.93	435
8812900	82293	55	117	85	1306	0.8	3.18	51
8812901	82294	82	128	101	1419	0.9	4.3	67
8812902	82295	103	120	85	1400	1.8	3.89	116
8812903	82296	73	64	116	1847	0.6	5.26	322
8812904	82297	52	46	59	1568	0.6	2.62	78
8812905	82298	63	30	75	1443	0.5	3.84	66
8812906	82299	102	51	115	1741	0.9	5.34	194.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8812907	82300	115	123	103	2009	3.3	5.85	81
8812908	82301	68	64	117	1572	1.4	5.29	79
8812909	82302	95	114	169	1499	1	8.07	116
8812910	82303	108	51	126	1487	1.7	5.46	75
8812911	82304	163	57	213	1249	1.5	6.72	171
8812912	82305	57	76	83	1803	1.2	3.69	70
8812913	82306	72	201	124	1775	1.6	5.16	104
8812914	82307	91	250	233	1796	2	6.94	146
8812915	82308	98	191	236	1988	2.1	12.8	113
8812916	82309	111	67	192	1903	1.9	7.32	200
8812917	82310	165	81	140	1975	1.4	6.07	2180
8812918	82311	141	44	122	1702	0.6	3.27	1011
8812919	82312	69	111	182	3212	3	5.2	643
8812920	82313	19	38	53	1921	1	6.95	20
8812921	82314	2	15	8	1336	0.5	0.78	0
8812922	82315	92	43	64	1797	0.6	1.65	431
8812923	82316	20	144	97	2240	3.7	4	65
8812924	82317	7	63	13	1966	1.9	0.99	14
8812925	82318	17	52	9	2913	4.3	2.38	5
8812926	82319	15	44	9	2507	4.9	1.6	0
8812927	82320	16	52	7	3556	4.3	2.48	0
8812928	82323	26	88	12	5197	4.5	3.53	8
8812929	82324	11	24	8	4074	3.6	1.17	0
8812930	82325	10	37	5	4366	8.7	1.44	0
8812931	82326	10	72	19	4167	1.4	1.51	21
8812932	82327	15	74	16	5006	2.8	1.68	29
8812933	82328	8	109	10	4957	1.7	1.83	13
8812934	82329	10	83	9	4853	1.5	1.38	7
8812935	82330	11	125	9	4972	2	1.4	7
8812936	82331	14	168	11	5056	2.8	1.81	13
8812937	82332	17	148	18	6196	3.8	2.45	8
8812938	82333	25	95	14	5774	2.4	2.33	8
8812939	82334	67	69	12	4933	2.3	2.66	0
8812940	82335	167	102	92	6405	3.2	3.36	40
8812941	82336	25	167	50	5096	6.6	8.45	24
8812942	82337	19	208	65	3880	2.1	1.85	39
8812943	82338	18	215	14	7354	3.3	3.22	10
8812944	82339	30	123	34	5242	2.7	5.18	30
8812945	82340	63	91	29	5766	2	4.41	20
8812946	82341	32	123	56	6163	2.8	4.35	46
8812947	82342	26	150	59	6091	6.4	6.46	42
8812948	82343	15	90	56	6447	3.5	3.59	48
8812949	82344	23	69	47	8214	5	3.12	27
8812950	82345	37	35	36	7491	4.7	2.87	22
8812951	82346	39	34	32	8243	4.9	3.17	28
8812952	82347	119	63	87	5218	2.9	7.61	49
8812953	82348	22	44	20	7705	2.6	2.36	28
8812954	82350	247	540	2030	5296	3.8	4.81	167
8812955	82351	123	14	126	1693	0.4	13.2	155
8812956	82352	87	12	135	2126	0.6	9.5	196
8812957	82353	144	323	1160	4342	2	3.61	1460
8812958	82354	202	1350	3380	9031	8.4	2.61	104
8812959	82355	58	229	820	4853	1.7	3.61	122
8812960	82356	53	42	163	5346	0.5	3.21	150
8812961	82357	47	15	82	8309	1.4	3	72
8812962	82358	49	15	87	8460	1.5	3.05	242
8812963	82359	55	21	100	11332	1.3	3.22	83
8812964	82360	24	45	21	5832	3.8	3.74	32
8812965	82361	48	80	66	8752	1.7	2.55	19
8812966	82362	34	341	64	8156	0.4	2.01	18.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8812967	82363	47	207	73	8784	0.4	2.24	76
8812968	82364	6	204	74	356	0.4	1.79	201
8812969	82365	23	218	70	591	0.4	2.02	129
8812970	82366	35	1450	170	3711	0.4	3.14	161
8812971	82367	24	23	73	4201	0.4	1.98	107
8812972	82368	23	34	59	4817	0.4	1.27	64
8812973	82369	25	27	77	5631	0.4	1.68	73
8812974	82370	112	196	720	4953	0.4	2.86	73
8812975	82371	166	253	1120	3957	0.4	2.84	107
8812976	82372	57	24	162	3505	0.4	4.12	71
8812977	82373	69	38	179	2207	0.4	6.94	161
8812978	82376	127	61	435	1714	0.4	9.7	1850
8812979	82377	42	42	197	2695	0.4	3.92	614
8812980	82378	146	69	490	3629	0.5	3.69	290
8812981	82379	397	870	3540	6767	1.7	3.79	329
8812982	82380	193	309	1440	4346	0.8	3.45	247
8812983	82381	101	153	600	3905	0.4	3.31	224
8812984	82382	34	9	35	1356	0.4	1.44	111
8812985	82383	51	13	52	1110	0.4	1.48	88
8812986	82384	103	31	73	1442	0.9	3.71	157
8812987	82385	128	45	222	2010	0.9	4.98	1590
8812988	82386	30	74	58	1989	1.2	3.05	38
8812989	82387	40	73	63	2433	1.3	3.11	59
8812990	82388	43	44	73	2303	1.4	4.74	101
8812991	82389	11	14	18	1384	0.4	0.74	19
8812992	82390	60	91	83	1620	0.6	6.62	43
8812993	82391	18	48	42	2841	0.5	2.63	97
8812994	82392	62	96	323	2595	0.5	1.92	46
8812995	82393	33	73	19	1545	1.8	2.69	33
8812996	82394	20	109	18	2356	1.5	1.98	22
8812997	82395	55	72	55	2286	1.5	4.93	132
8812998	82396	72	86	53	2010	1.8	4.74	67
8812999	82397	41	63	31	1933	0.8	2.94	58
8813000	82398	55	56	58	1786	0.8	3.82	96
8813001	82399	54	86	54	1536	0.7	4.28	67
8813002	82400	47	87	59	1286	0.6	2.99	74
8813003	82401	29	47	62	1234	0.4	2.71	55
8813004	82402	28	37	61	1368	0.4	2.62	95
8813005	82403	41	43	57	1237	0.4	2.83	101
8813006	82404	42	63	50	1051	0.4	2.73	170
8813007	82405	43	57	66	1122	0.4	3.71	98
8813008	82406	78	49	48	3584	1.5	4.33	147
8813009	82407	32	14	24	1223	0.4	1.7	36
8813010	82408	69	62	57	2000	0.7	5.37	114
8813011	82409	40	46	47	1673	0.6	2.75	86
8813012	82410	25	37	27	1472	0.4	1.99	54
8813013	82411	37	68	32	5800	1.1	2.91	30
8813014	82412	52	23	47	1440	1.1	2.65	48
8813015	82413	67	101	280	2053	0.7	1.97	62
8813016	82414	49	48	33	1832	2.2	2.81	51
8813017	82415	32	31	23	1864	0.4	2.54	51
8813018	82416	23	36	20	1724	0.4	1.61	85
8813019	82417	18	35	23	1753	1.1	2.16	49
8813020	82418	26	33	50	1725	0.5	2.38	228
8813021	82419	18	16	31	1413	0.4	1.53	118
8813022	82420	10	6	10	1200	0.4	0.59	48
8813023	82421	40	42	40	2141	1.2	2.93	86
8813024	82422	10	14	18	1425	0.5	0.62	42
8813025	82423	37	31	25	1879	0.6	2.29	68
8813026	82424	32	39	49	1951	1.3	2.71	124.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813027	82425	56	24	38	2371	0.7	4.02	155
8813028	82426	18	27	31	3929	0.7	2.99	204
8813029	82427	24	41	24	2433	1.4	2.73	32
8813030	82428	24	14	38	1496	0.4	3.01	109
8813031	82429	44	23	43	1518	0.4	3.99	103
8813032	82430	57	49	81	1672	1.3	5.87	147
8813033	82431	64	20	52	6100	0.9	2.17	72
8813034	82432	46	29	55	3173	0.5	3.9	126
8813035	82433	65	21	49	2283	0.7	4.07	180
8813036	82434	38	19	58	3097	0.7	2.55	84
8813037	82435	66	25	49	2609	0.8	3.44	174
8813038	82436	36	24	56	2824	1	3.07	134
8813039	82437	31	23	45	2530	0.5	3.58	99
8813040	82438	31	21	55	1773	0.4	3.52	175
8813041	82439	36	38	48	2438	0.4	4.13	233
8813042	82440	29	16	42	1884	0.4	2.47	81
8813043	82441	47	25	46	2107	0.4	3.48	167
8813044	82442	26	23	49	2187	0.8	2.21	143
8813045	82443	61	30	68	2722	0.7	4.2	214
8813046	82444	42	20	45	1981	0.4	2.5	148
8813047	82445	49	60	214	3146	0.4	2.83	220
8813048	82446	31	60	50	3549	0.5	5.72	225
8813049	82447	47	22	81	2829	0.5	4.43	162
8813050	82448	61	35	50	2094	0.5	5.74	169
8813051	82449	6	4	14	1119	0.4	0.51	14
8813052	82450	52	51	69	2360	0.7	4.39	152
8813053	82451	48	36	74	2336	0.6	4.19	153
8813054	82452	27	45	68	2885	0.4	5.61	222
8813055	82453	52	34	80	2475	0.4	7.21	163
8813056	82454	34	18	59	2111	0.4	2.79	173
8813057	82455	39	50	195	3508	0.4	2.91	200
8813058	82456	37	37	198	2779	0.4	4.21	248
8813059	82457	49	71	158	1048	0.8	3.45	497
8813060	82458	6	21	21	1657	0.4	0.67	32
8813061	82459	27	81	103	3421	3.7	3.73	133
8813062	82460	13	80	52	3810	2.4	2.07	27
8813063	82461	14	89	35	2622	2	1.97	85
8813064	82462	22	34	42	2850	1.4	2.89	98
8813065	82463	69	50	53	4795	2.4	5.45	76
8813066	82464	25	38	44	2608	1.3	3.2	102
8813067	82465	16	62	20	2657	4	1.97	39
8813068	82466	38	36	39	2252	1.5	3.95	66
8813069	82467	16	41	25	2020	1.8	2.2	68
8813070	82468	24	28	27	2186	1.2	2.08	50
8813071	82469	10	62	15	2050	0.9	1.42	11
8813072	82470	16	33	6	2641	1.2	1.22	0
8813073	82471	18	34	9	3124	1.4	1.22	0
8813074	82472	16	32	9	2668	1.1	1.02	0
8813075	82473	21	43	11	2820	1.2	1.45	12
8813076	82474	39	52	41	2224	1.6	10.2	29
8813077	82475	40	83	30	1453	0.8	6.44	32
8813078	82476	10	18	15	1377	0.7	0.88	55
8813079	82477	20	53	25	1958	1.2	2.11	63
8813080	82478	26	61	23	2014	1	3.19	35
8813081	82479	25	47	32	1711	1	2.6	58
8813082	82480	35	75	46	2404	1.1	3.81	82
8813083	82481	28	42	39	2335	0.8	2.77	60
8813084	82482	29	53	42	2446	0.9	3.55	35
8813085	82483	42	59	71	3753	1.3	4.58	72
8813086	82484	12	14	21	1591	0.4	1.31	42.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813087	82485	34	44	50	2696	1.2	4.13	48
8813088	82486	28	32	47	2432	0.6	3.17	51
8813089	82487	31	39	56	3000	0.9	3.65	56
8813090	82488	35	35	67	2552	0.7	4.08	69
8813091	82489	36	37	57	2838	0.7	4.8	62
8813092	82490	29	45	52	2671	0.6	4.42	61
8813093	82491	42	68	27	2899	2	5.56	16
8813094	82492	40	57	58	2923	1.2	5.2	77
8813095	82493	36	59	131	2067	0.4	0.63	33
8813096	82494	27	64	29	2182	0.8	2.96	49
8813097	82495	32	71	52	3277	1.2	3.35	42
8813098	82496	33	63	43	2780	1.2	3.5	57
8813099	82497	29	49	43	2736	1.3	3.01	54
8813100	82498	24	33	38	2302	0.7	2.34	66
8813101	82499	33	63	51	2753	1.1	3.18	84
8813102	82500	51	43	50	3094	1.6	4.92	79
8813103	82501	32	83	126	2325	0.7	1.56	19
8813104	82502	28	57	107	2177	0.6	0.62	15
8813105	82503	26	40	75	2370	0.7	0.42	12
8813106	82504	24	39	76	2561	0.6	0.44	11
8813107	82505	34	35	56	2411	0.7	3.18	11
8813108	82506	38	46	49	5189	3.2	2.5	44
8813109	82507	41	43	56	5263	1.8	2.46	41
8813110	82508	30	59	36	3811	2.1	2.41	43
8813111	82509	32	35	82	2854	2.2	0.97	26
8813112	82510	48	50	154	4607	3	2.58	29
8813113	82511	21	23	72	3413	0.4	0.45	23
8813114	82512	10	40	50	3854	0.4	0.27	17
8813115	82513	39	133	68	3483	2.4	1.5	29
8813116	82514	166	30	62	4080	7.3	2.3	37
8813117	82515	18	21	21	4938	3.3	1.07	11
8813118	82516	20	18	30	4894	2	2.13	11
8813119	82517	22	158	75	3531	2.4	1.7	70
8813120	82518	14	57	32	8719	4.6	1.87	33
8813121	82519	24	92	53	10224	4	2.89	44
8813122	82520	18	188	100	3174	1.2	0.75	50
8813123	82521	31	144	219	7089	0.8	2.52	150
8813124	82522	22	39	168	5383	0.4	2.52	129
8813125	82523	25	30	156	8231	0.4	2.35	87
8813126	82524	37	41	710	11049	1.6	1.79	36
8813127	82525	30	32	650	7785	0.6	1.59	74
8813128	82526	24	11	62	7725	0.4	1.99	81
8813129	82527	31	29	53	6818	1.3	2.63	86
8813130	82528	35	20	32	7903	0.9	1.97	11
8813131	82529	33	16	37	8405	1	1.8	0
8813132	82530	40	20	35	8011	3.7	1.92	7
8813133	82531	33	39	1290	5659	0.7	1.73	46
8813134	82532	55	33	27	4495	2.3	3.25	8
8813135	82533	43	76	740	4485	2.3	2.27	24
8813136	82534	64	73	31	3192	3.2	3.43	12
8813137	82535	79	69	990	4253	9.2	2.66	24
8813138	82536	54	75	256	3255	9	2.24	13
8813139	82537	19	43	262	3069	2.1	0.81	16
8813140	82538	66	85	156	2748	21	2.21	20
8813141	82539	132	282	90	2348	14	3.99	110
8813142	82540	89	102	69	2130	3.2	2.65	187
8813143	82541	66	180	1080	3808	4.8	1.92	100
8813144	82542	248	459	198	1686	26	5.05	362
8813145	82543	129	180	214	2091	4.5	4.18	315
8813146	82544	250	501	398	2450	26	6.93	279.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813147	82545	136	1420	93	2134	65	5.6	27
8813148	82546	290	1860	360	1673	75	6.73	135
8813149	82547	50	422	2780	4687	5.4	2.74	41
8813150	82548	102	161	1470	4713	1.3	3.63	27
8813151	82549	52	52	2050	7970	3.3	1.43	40
8813152	82550	103	75	90	2409	2.4	4.7	174
8813153	82551	30	24	36	2597	1.1	1.21	26
8813154	82552	31	44	1200	5462	2.6	1.91	52
8813155	82553	35	34	620	3909	1.4	1.86	36
8813156	82554	23	108	1370	9594	1.8	1.39	53
8813157	82555	26	179	1210	11749	1.3	1.51	78
8813158	82556	22	9	28	6946	0.5	1.08	0
8813159	82557	22	37	1300	9529	0.4	1.15	51
8813160	82558	24	20	530	8424	0.4	1.21	28
8813161	82559	27	21	333	8909	1.2	1.98	32
8813162	82560	18	22	360	8831	1.7	1.16	29
8813163	82561	4	22	438	7371	1.4	0.19	28
8813164	82562	8	52	1050	6136	1	0.82	58
8813165	82563	5	42	438	6934	1.3	0.32	33
8813166	82564	38	22	78	11656	4.2	2.31	9
8813167	82565	35	12	100	8250	0.7	1.45	26
8813168	82566	23	14	62	12120	0.5	2.01	11
8813169	82567	32	5	1040	8358	0.5	1.87	39
8813170	82568	43	31	72	12475	0.4	1.73	10
8813171	82569	36	52	58	11445	0.6	2.3	11
8813172	82570	42	33	64	9863	0.5	1.88	46
8813173	82571	24	30	31	9326	0.5	4.87	20
8813174	82572	49	16	103	8401	1	3.99	389
8813175	82573	30	4	131	4917	0.5	3.28	187
8813176	82574	31	51	50	16259	3.9	3.93	6
8813177	82575	51	30	264	22326	7.1	3.23	12
8813178	82576	10	12	54	6393	1.3	1.11	22
8813179	82577	5	14	40	6653	1.1	0.44	17
8813180	82578	26	88	31	7232	6.5	3.96	9
8813181	82579	17	64	14	8030	14.6	1.46	0
8813182	82580	29	92	216	6400	2.8	1.2	25
8813183	82581	39	92	18	6288	7.5	5.94	8
8813184	82582	2710	100	2730	6009	5.4	2.32	26
8813185	82583	50	95	100	10685	1.4	3.01	17
8813186	82584	56	73	84	13595	0.7	2.94	19
8813187	82585	40	59	47	11731	0.4	2.38	13
8813188	82586	47	275	197	4098	0.9	3.58	689
8813189	82587	5	234	56	92	0.4	1.29	26
8813190	82588	1450	483	3720	6575	3.4	4.34	143
8813191	82589	850	77	660	4489	1.7	3.35	107
8813192	82590	432	30	340	2877	1.2	2.75	101
8813193	82591	3010	48	1080	3351	2.9	3.62	140
8813194	82592	203	21	161	3327	0.8	2.71	84
8813195	82593	174	9	137	2721	0.5	2.6	99
8813196	82594	325	26	157	3843	1.3	1.85	52
8813197	82595	163	13	256	4258	0.5	3.05	117
8813198	82596	120	14	124	5019	0.5	4.11	167
8813199	82597	79	9	114	4831	0.4	3.34	126
8813200	82598	58	47	77	5265	0.5	2.5	63
8813201	82599	60	22	63	4804	0.6	1.6	103
8813202	82600	103	12	89	3522	0.7	3.4	96
8813203	82601	38	42	43	3764	1.3	1.7	81
8813204	82602	45	55	106	3045	0.4	2.58	140
8813205	82603	21	48	40	5276	0.4	1.53	71
8813206	82604	52	33	90	9427	2	2.27	128.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813207	82605	43	48	58	10723	1.1	1.85	56
8813208	82606	41	41	65	10479	1.1	2.1	70
8813209	82607	52	23	46	7093	1.1	4.14	22
8813210	82608	40	13	28	6209	1.4	2.53	16
8813211	82609	31	27	21	3724	5.6	2.43	11
8813212	82610	21	68	10	3159	2.7	1.79	8
8813213	82611	39	89	17	2782	2.5	3.36	23
8813214	82612	18	30	7	2432	0.9	1.11	6
8813215	82613	27	37	41	2478	0.9	1.15	68
8813216	82614	18	27	17	2544	0.7	1.26	20
8813217	82615	93	26	101	1711	1.8	4.13	210
8813218	82616	42	35	60	1718	0.5	1.97	88
8813219	82617	95	35	113	1543	1.6	4.1	320
8813220	82618	65	21	31	1853	1.8	2.08	88
8813221	82619	93	28	56	1752	1.8	4.3	149
8813222	82620	72	15	50	2197	2.2	2.93	98
8813223	82621	34	18	33	1793	0.9	2.35	49
8813224	82622	10	4	12	1170	0.4	0.42	20
8813225	82623	47	15	53	3434	1.1	1.34	102
8813226	82624	40	51	61	2426	1	1.06	86
8813227	82625	64	331	71	2835	6.5	1.86	130
8813228	82626	34	23	35	2489	0.7	1.11	9
8813229	82627	47	52	61	2318	2	1.62	69
8813230	82628	39	146	57	2456	3.9	1.42	77
8813231	82629	63	30	53	1811	2.2	4.99	156
8813232	82630	42	20	46	1461	1	1.89	135
8813233	82631	47	119	44	1648	2.1	4.56	112
8813234	82632	48	112	33	1860	2.5	5.07	80
8813235	82633	19	29	12	1438	1.9	1.5	32
8813236	82634	19	50	16	1406	1.1	1.76	18
8813237	82635	58	79	75	1612	4.3	2.85	194
8813238	82636	59	8	61	1268	0.4	2.54	165
8813239	82637	53	13	58	1411	0.4	4.02	92
8813240	82638	55	16	80	1579	0.6	3.83	144
8813241	82639	85	20	71	1661	0.9	3.77	117
8813242	82640	40	10	60	1820	0.8	3.09	118
8813243	82641	34	18	47	1662	1.3	2.4	57
8813244	82642	48	11	50	1316	1.3	1.93	79
8813245	82643	25	13	24	1475	2	0.95	75
8813246	82644	14	20	18	1631	0.8	1.01	83
8813247	82645	29	43	36	2751	2.7	2.29	53
8813248	82646	16	8	17	1405	0.9	0.92	86
8813249	82647	45	22	46	1972	1.2	2.48	97
8813250	82648	33	27	35	1620	0.6	1.32	17
8813251	82649	39	46	88	2229	1	3.4	65
8813252	82650	27	23	32	2124	0.4	1.58	41
8813253	82651	27	14	27	1318	0.6	1.39	53
8813254	82652	60	52	50	3017	0.9	3.41	43
8813255	82653	80	82	65	4808	1.7	5.14	49
8813256	82654	86	42	71	20435	2	5.46	76
8813257	82655	67	49	100	6793	1.5	4.74	136
8813258	82656	72	46	115	8092	3.3	4.83	111
8813259	82657	48	67	176	4482	1	10.4	62
8813260	82658	64	33	105	6206	1.7	3.95	127
8813261	82659	48	85	89	13969	1.3	5.09	57
8813262	82660	38	41	46	2282	0.9	2.92	45
8813263	82661	114	135	500	3294	2	1.06	124
8813264	82662	33	19	54	1654	0.6	3.24	161
8813265	82663	29	10	51	1463	0.4	2.05	479
8813266	82664	62	45	50	2622	1.3	2.62	157.

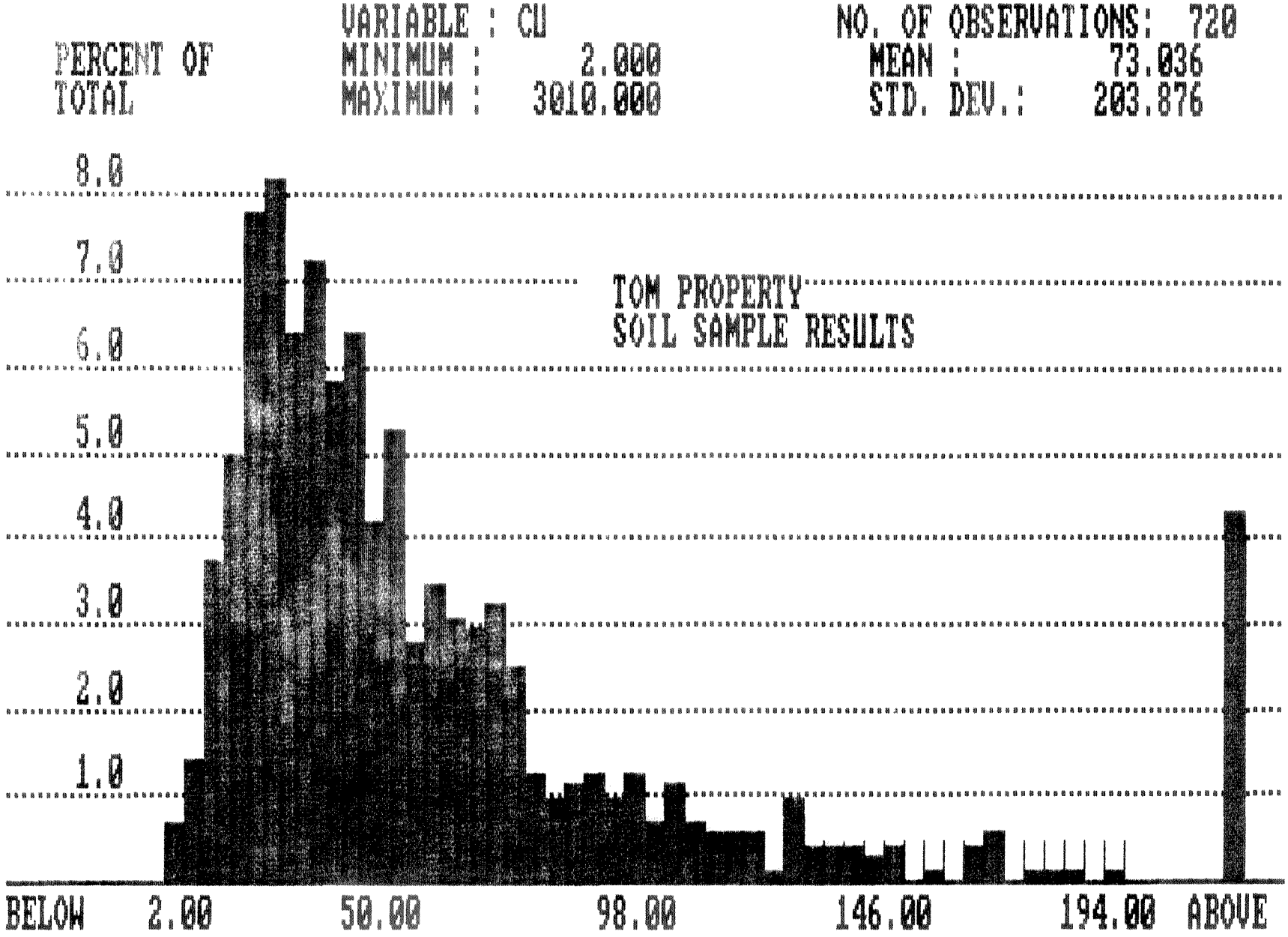
SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813267	82665	19	54	13	2884	1.2	1.72	11
8813268	82666	28	9	64	2749	0.4	3.68	107
8813269	82667	22	68	31	8352	4.2	3.78	78
8813270	82668	41	25	112	2612	0.6	4.93	373
8813271	82669	21	45	136	1636	1.4	6.55	46
8813272	82670	47	67	108	1525	0.4	3.23	333
8813273	82671	45	25	60	2519	1.3	3.09	58
8813274	82672	37	23	52	2426	0.7	3.15	44
8813275	82673	23	17	44	1549	0.4	2.18	59
8813276	82674	18	43	81	2333	0.4	3.02	36
8813277	82675	19	33	49	2379	0.4	2.2	44
8813278	82676	39	41	69	3718	0.6	3.15	72
8813279	82677	69	41	117	6242	1.6	4.17	172
8813280	82678	20	20	38	8393	0.5	1.1	39
8813281	82679	23	23	41	17567	0.6	1.26	28
8813282	82680	54	44	41	2603	0.9	3.84	66
8813283	82681	17	37	23	4239	1.2	1.76	18
8813284	82682	38	24	39	1856	1.1	1.99	90
8813285	82683	25	33	159	2169	0.9	5.05	409
8813286	82684	82	41	62	1711	0.9	6.6	60
8813287	82685	64	5	25	290	0.4	34.5	7
8813288	82686	20	53	64	1614	0.7	2.42	27
8813289	82720	101	43	119	1738	0.4	6.55	171
8813290	82721	32	38	90	3943	0.4	3.53	242
8813291	82722	137	37	207	1765	0.6	13.2	384
8813292	82723	108	78	290	3720	4	16.2	299
8813293	82724	59	34	113	4205	2.3	6.24	172
8813294	82725	56	46	135	5827	3.9	6.96	104
8813295	82726	39	9	214	3128	0.4	4.09	299
8813296	82727	33	15	66	4106	0.4	2.19	136
8813297	82728	39	134	60	1799	2.6	4.42	75
8813298	82729	66	76	65	3224	2.2	4.52	276
8813299	82730	50	52	72	1651	0.4	3.77	113
8813300	82731	48	46	68	1725	0.5	4.56	170
8813301	82732	53	29	62	1671	0.8	4.56	173
8813302	82733	69	76	86	2133	2.2	5.15	148
8813303	82734	86	37	69	1499	2	4.61	199
8813304	82735	106	105	99	1457	4.6	3.87	105
8813305	82736	101	119	103	1665	5.3	3.35	114
8813306	82737	157	211	163	1943	8.4	5.4	150
8813307	82738	46	25	66	1833	4.6	1.71	142
8813308	82739	61	61	62	1500	1.6	2.98	89
8813309	82740	211	90	133	2329	5.5	4.78	988
8813310	82741	68	110	42	2716	6.3	2.99	54
8813311	82742	34	16	27	2389	5	1.09	50
8813312	82743	27	13	22	1364	0.6	1.67	51
8813313	82744	47	81	56	1371	1	2.82	162
8813314	82745	48	42	39	4605	1.6	2.23	53
8813315	82746	102	70	37	7765	2.5	6.02	28
8813316	82747	45	42	20	1403	1.3	1.5	60
8813317	82748	72	111	53	1143	3.4	2.91	44
8813318	82749	96	60	77	1536	1.8	3.58	79
8813319	82750	64	35	76	1635	2.2	3.36	66
8813320	82751	107	29	58	1817	4.6	4.23	62
8813321	82752	90	27	58	1769	4.4	3.54	71
8813322	82753	95	31	70	2172	4.2	3.1	105
8813323	82754	45	35	40	2126	2.8	3.11	59
8813324	82755	13	22	22	2125	1.5	0.68	37
8813325	82756	13	75	13	1709	1.4	1.43	21
8813326	82757	32	83	30	1959	2.4	4.22	36.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813327	82758	21	51	34	1966	3.1	2.83	52
8813328	82759	25	25	20	1523	1.4	3.18	41
8813329	82760	20	50	12	1286	1.4	1.38	32
8813330	82761	17	32	13	2035	1.6	0.95	20
8813331	82762	424	21	25	2275	3.6	1.16	228
8813332	82763	56	15	24	2850	1.4	3.41	41
8813333	82764	82	27	55	4892	1.2	9.8	13
8813334	82765	94	24	57	3726	1.6	5.29	44
8813335	82766	89	24	46	2951	2.4	3.23	71
8813336	82767	34	15	55	7124	0.6	2.05	30
8813337	82768	39	18	118	9399	1.1	2.05	67
8813338	82769	31	14	80	2890	0.9	2.6	245
8813339	82770	69	19	82	4857	1.7	2.5	208
8813340	82771	77	4	94	1514	0.7	4.7	639
8813341	82772	14	11	21	1383	0.7	1.25	62
8813342	82773	28	7	68	2461	0.8	3.48	255
8813343	82774	18	7	73	2223	0.6	3.35	234
8813344	82775	23	12	100	2222	0.6	3.3	250
8813345	82776	28	10	39	1776	0.9	1.92	131
8813346	82777	6	4	9	1163	0.5	0.57	31
8813347	82778	62	39	82	2533	0.8	5.02	657
8813348	82779	37	12	36	872	0.8	1.7	27
8813349	82780	23	24	54	2219	0.9	3.23	164
8813350	82781	15	12	52	2986	0.7	3.42	247
8813351	82782	24	11	29	1501	0.6	2.45	94
8813352	82783	21	17	53	2664	0.7	3.86	241
8813353	82784	34	20	69	2587	0.6	4.52	253
8813354	82785	26	17	113	2816	0.6	3.96	909
8813355	82786	18	11	67	2999	0.8	3.3	266
8813356	82787	21	7	93	3073	0.7	3.39	242
8813357	82788	32	18	42	6609	2	1.74	70
8813358	82789	12	20	10	1975	1.7	1.52	40
8813359	82790	17	59	29	5496	2.7	2.23	50
8813360	82791	33	13	55	5292	5	1.33	45
8813361	82792	18	33	8	2561	1.6	1.59	11
8813362	82793	19	21	25	1926	1.1	0.73	39
8813363	82794	16	66	16	2565	1.8	2.01	52
8813364	82795	21	71	14	2772	1.9	2.85	32
8813365	82796	44	105	26	1683	1.3	5.55	37
8813366	82797	11	6	11	1227	0.7	0.58	60
8813367	82798	15	35	12	2293	1.3	1.56	16
8813368	82799	22	139	35	3630	3.3	4.86	18
8813369	82800	48	459	23100		1.9	3.15	72
8813370	82801	17	35	56	9039	3.5	0.94	63
8813371	82802	9	58	1530	2772	1.1	0.72	13
8813372	82803	8	48	200	2218	1.1	0.52	23
8813373	82804	20	29	324	2027	0.9	2.04	17
8813374	82805	30	82	16	2768	2.1	5.04	9
8813375	82806	23	218	12	5490	3.1	3.5	18
8813376	82807	11	111	9	2387	1.9	2.33	38
8813377	82808	21	66	12	2356	1.4	2.9	155
8813378	82809	60	31	187	2858	0.9	3.44	28
8813379	82810	68	33	168	2521	1.5	3.5	28
8813380	82811	18	40	4	2640	1.5	1.38	6
8813381	82812	28	29	19	2213	3.1	1.86	19
8813382	82813	32	16	162	13358	1.3	2.88	290
8813383	82814	19	10	99	4029	0.8	2.39	174
8813384	82815	21	11	119	3728	0.8	3	202
8813385	82816	18	30	94	3326	0.8	3.64	238
8813386	82817	19	12	79	2877	0.7	3.97	266.

SAMPLE NO	FIELD#	CU	PB	ZN	BA	AG	FE	MN
8813387	82818	59	20	230	3135	0.6	4.84	1960

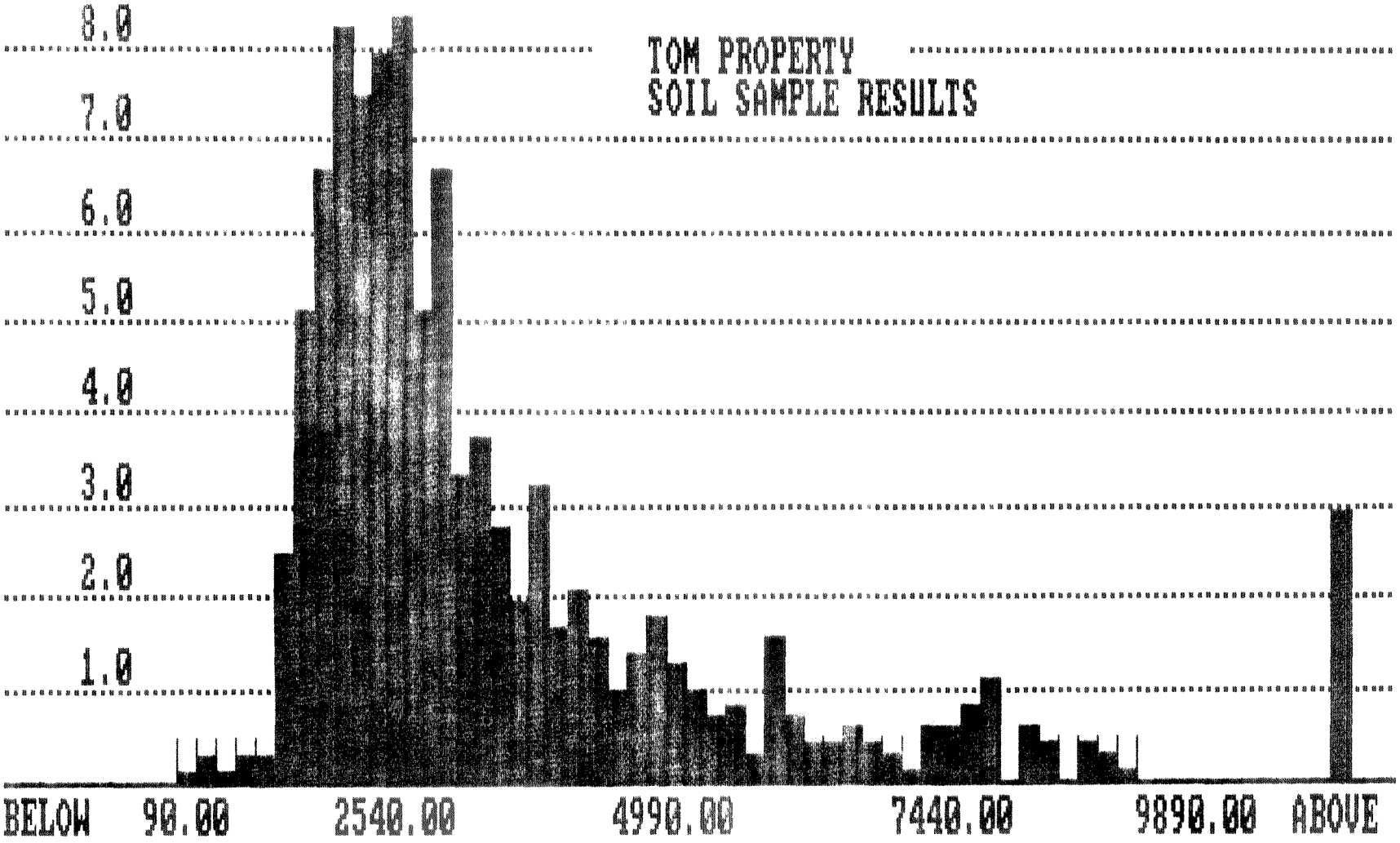
APPENDIX "E"

STATISTICS ON SOIL GEOCHEMICAL DATA


VARIABLE : CU
MINIMUM : 2.000
MAXIMUM : 3010.000
NO. OF OBSERVATIONS: 720
MEAN : 73.036
STD. DEV.: 203.876
PERCENT OF TOTAL
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
TOM PROPERTY
SOIL SAMPLE RESULTS
BELOW 2.00
50.00
98.00
146.00
194.00 ABOVE

VARIABLE : BA
MINIMUM : 92.000
MAXIMUM : 22326.000

NO. OF OBSERVATIONS: 719
MEAN : 3465.253
STD. DEV.: 2613.634



VARIABLE : MN

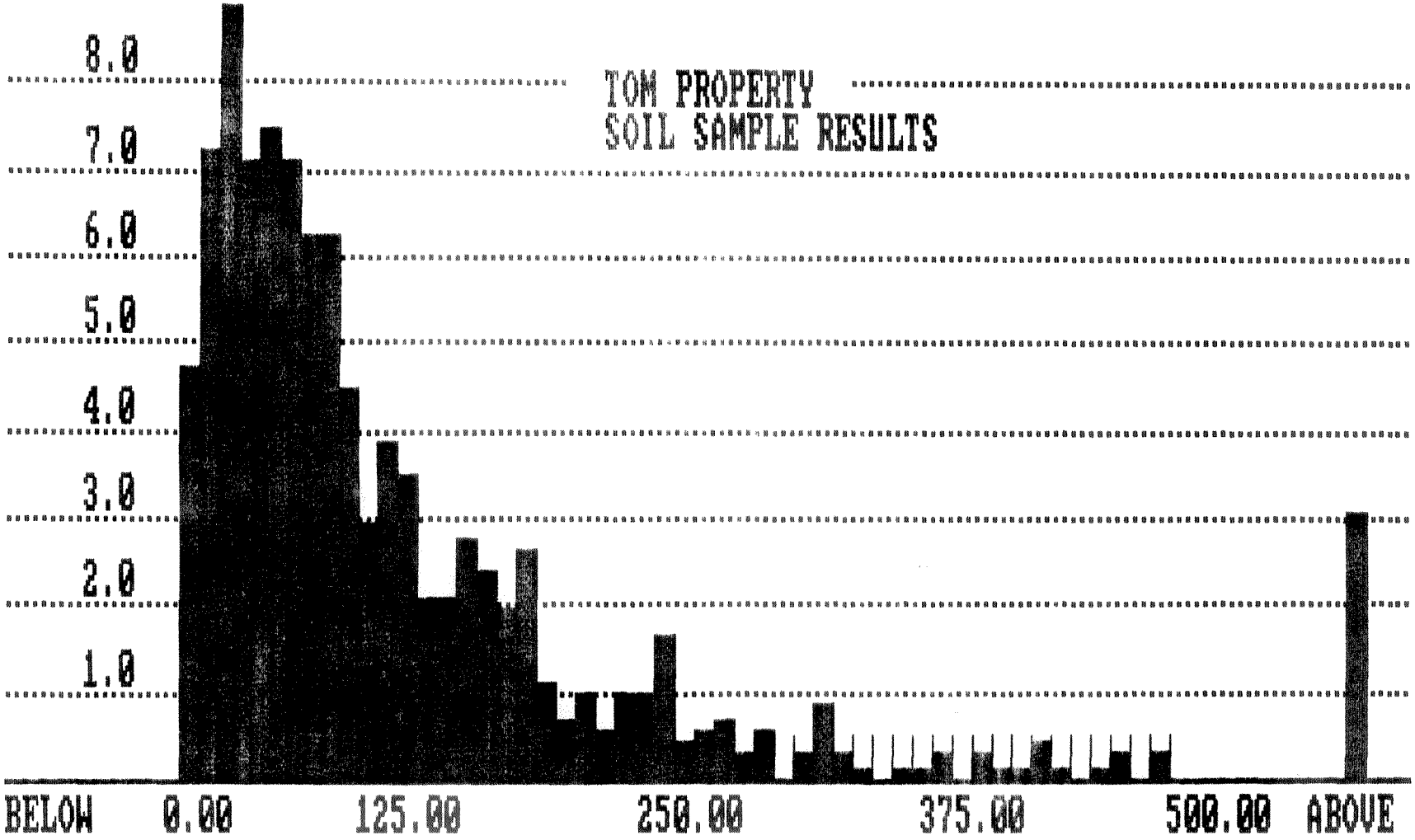
MINIMUM : 0.000

MAXIMUM : 17300.000

NO. OF OBSERVATIONS: 720

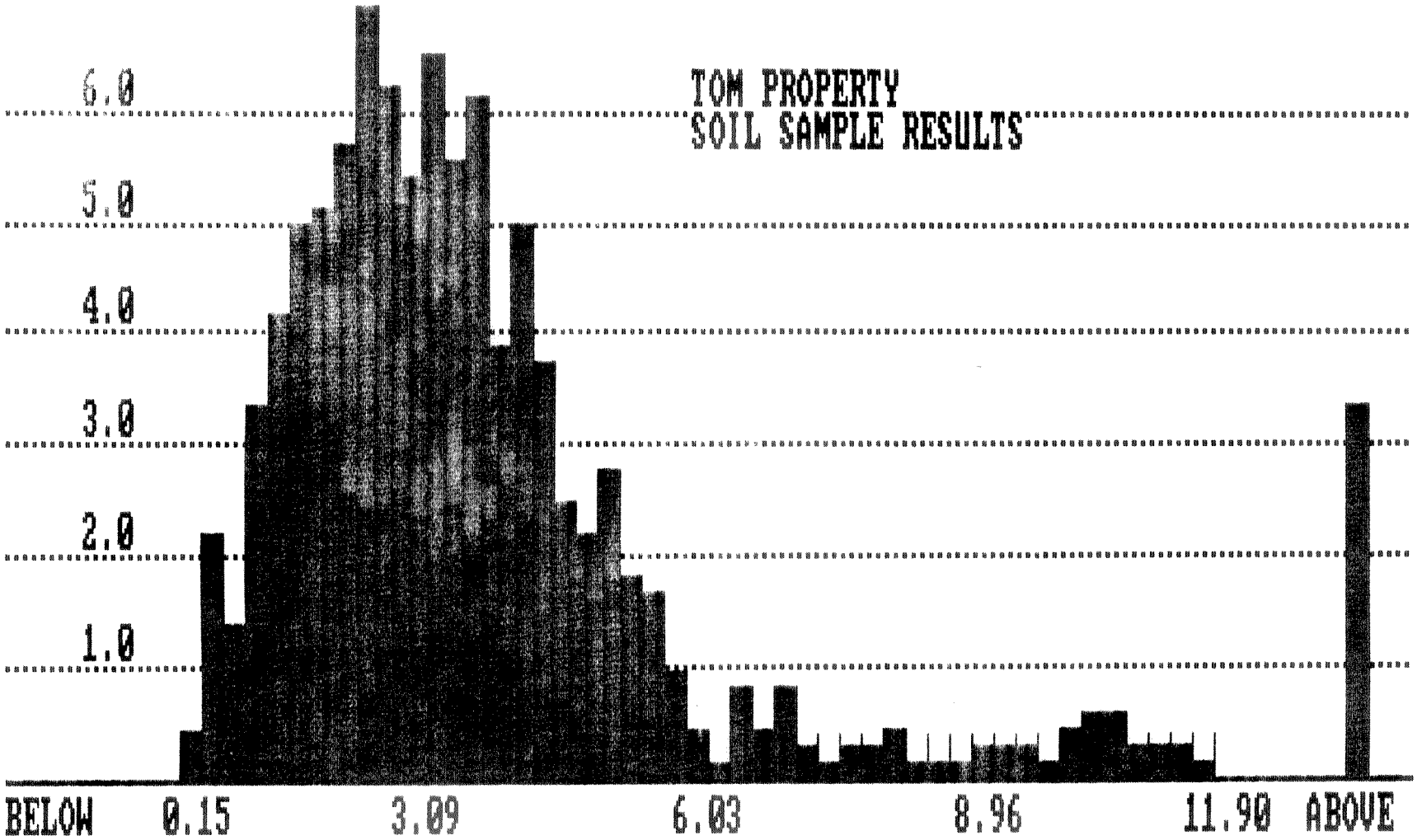
MEAN : 161.682

STD. DEV.: 724.741



VARIABLE : FE (%)
MINIMUM : 0.190
MAXIMUM : 34.500

NO. OF OBSERVATIONS: 720
MEAN : 3.831
STD. DEV.: 3.358



VARIABLE : ZN

NO. OF OBSERVATIONS: 720

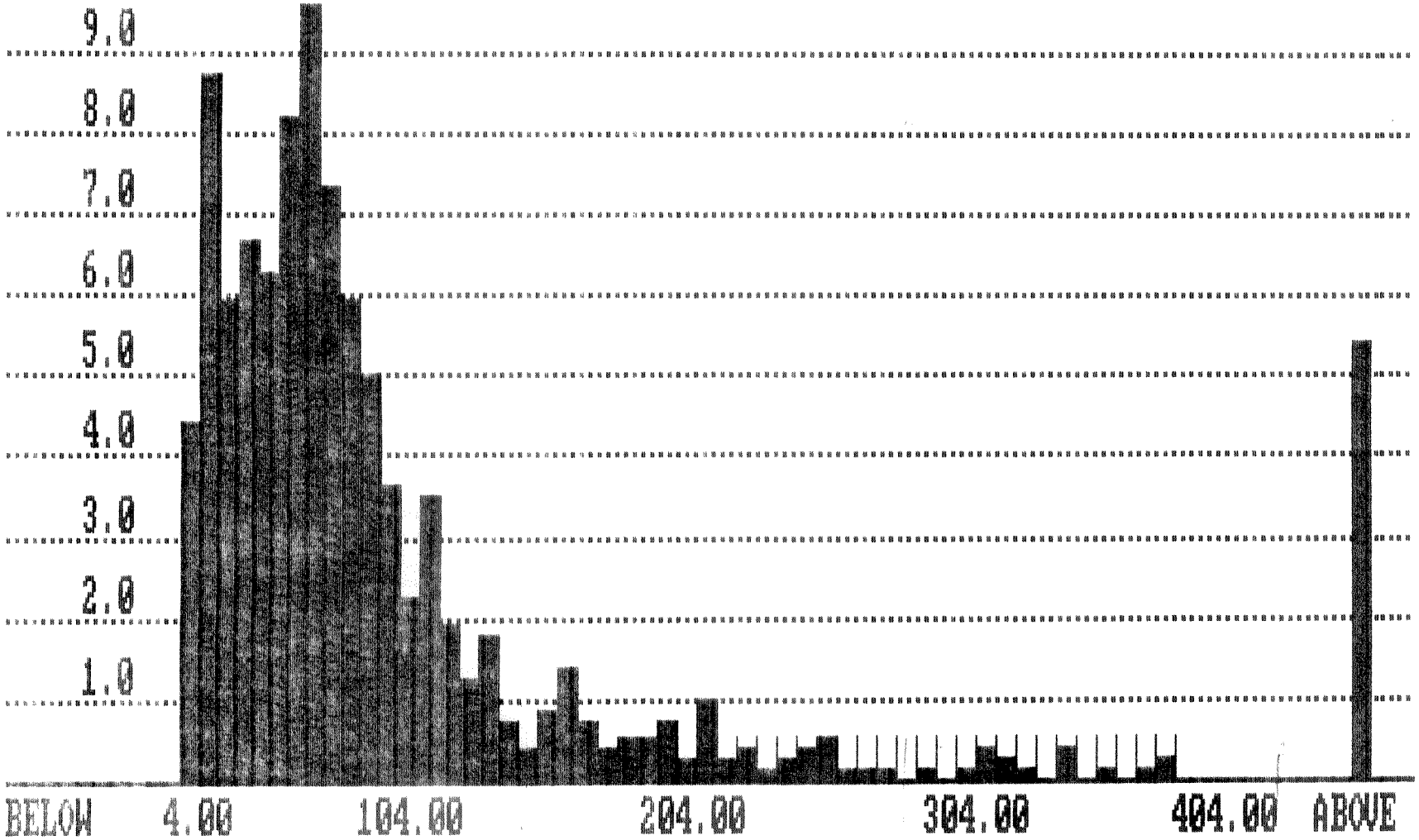
PERCENT OF TOTAL

MINIMUM : 4.000

MAXIMUM : 2300.000

MEAN : 171.789

STD. DEV.: 922.443



VARIABLE : PB

NO. OF OBSERVATIONS: 720

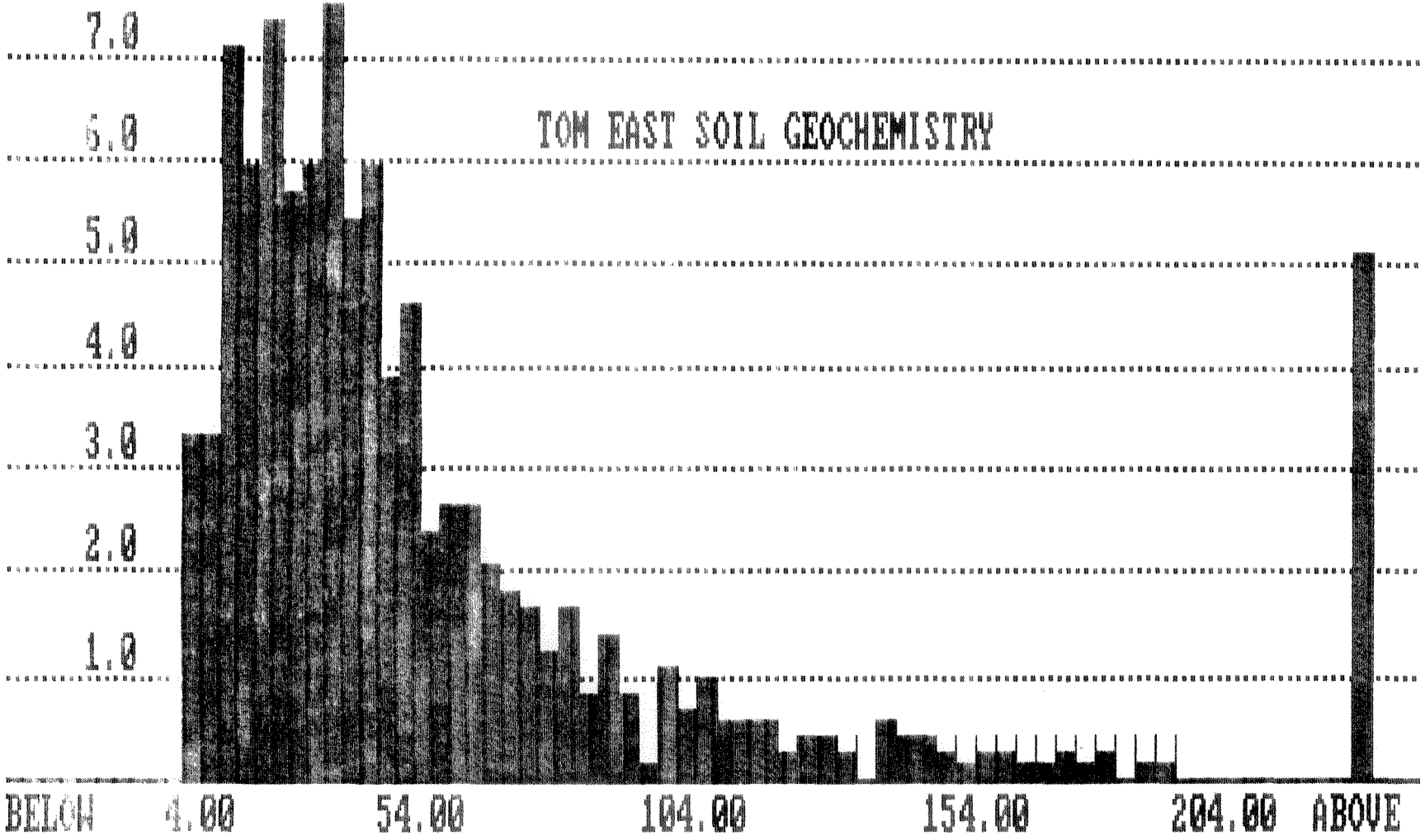
PERCENT OF TOTAL

MINIMUM : 4.000

MAXIMUM : 1860.000

MEAN : 69.189

STD. DEV.: 138.258



VARIABLE : AG

NO. OF OBSERVATIONS: 720

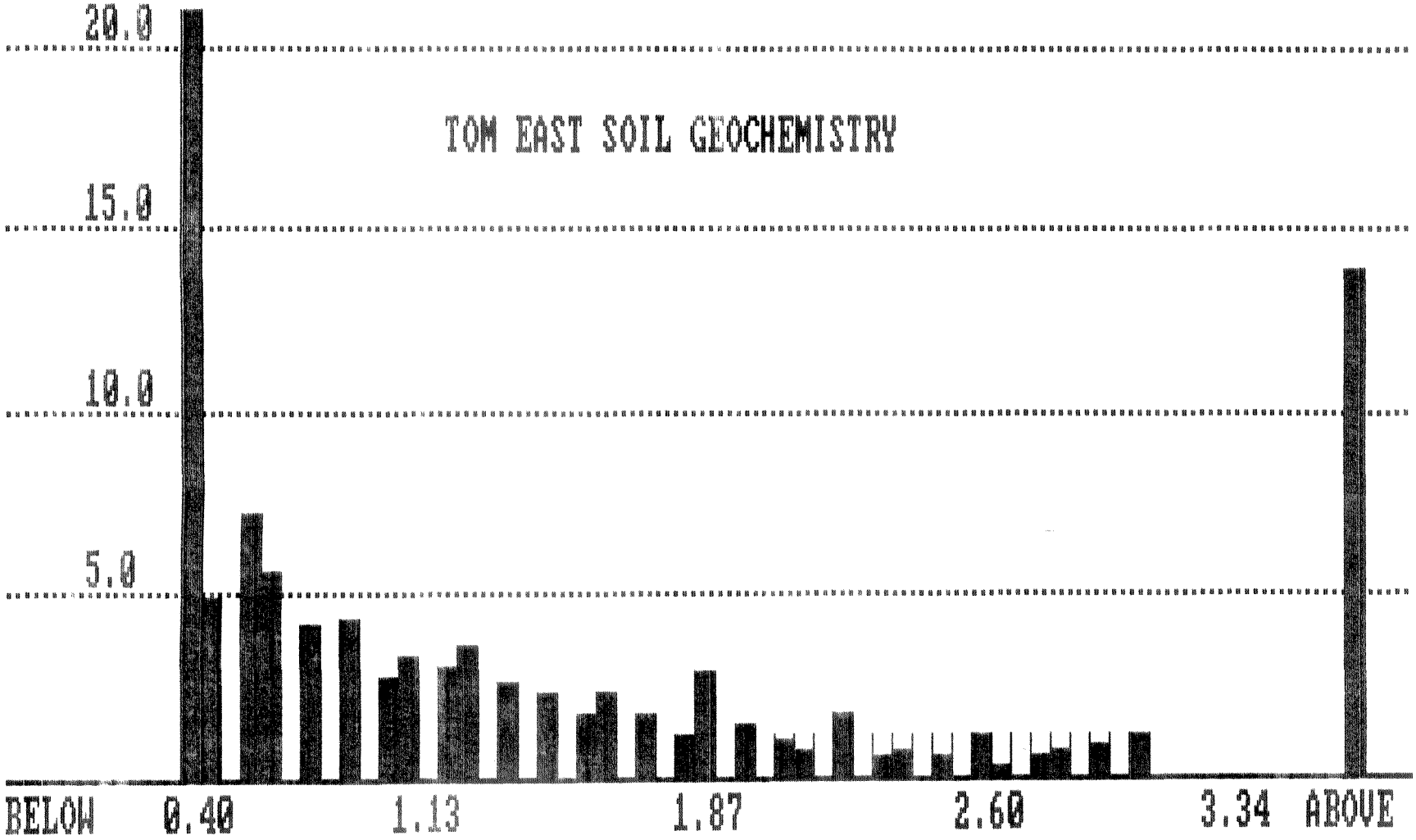
PERCENT OF TOTAL

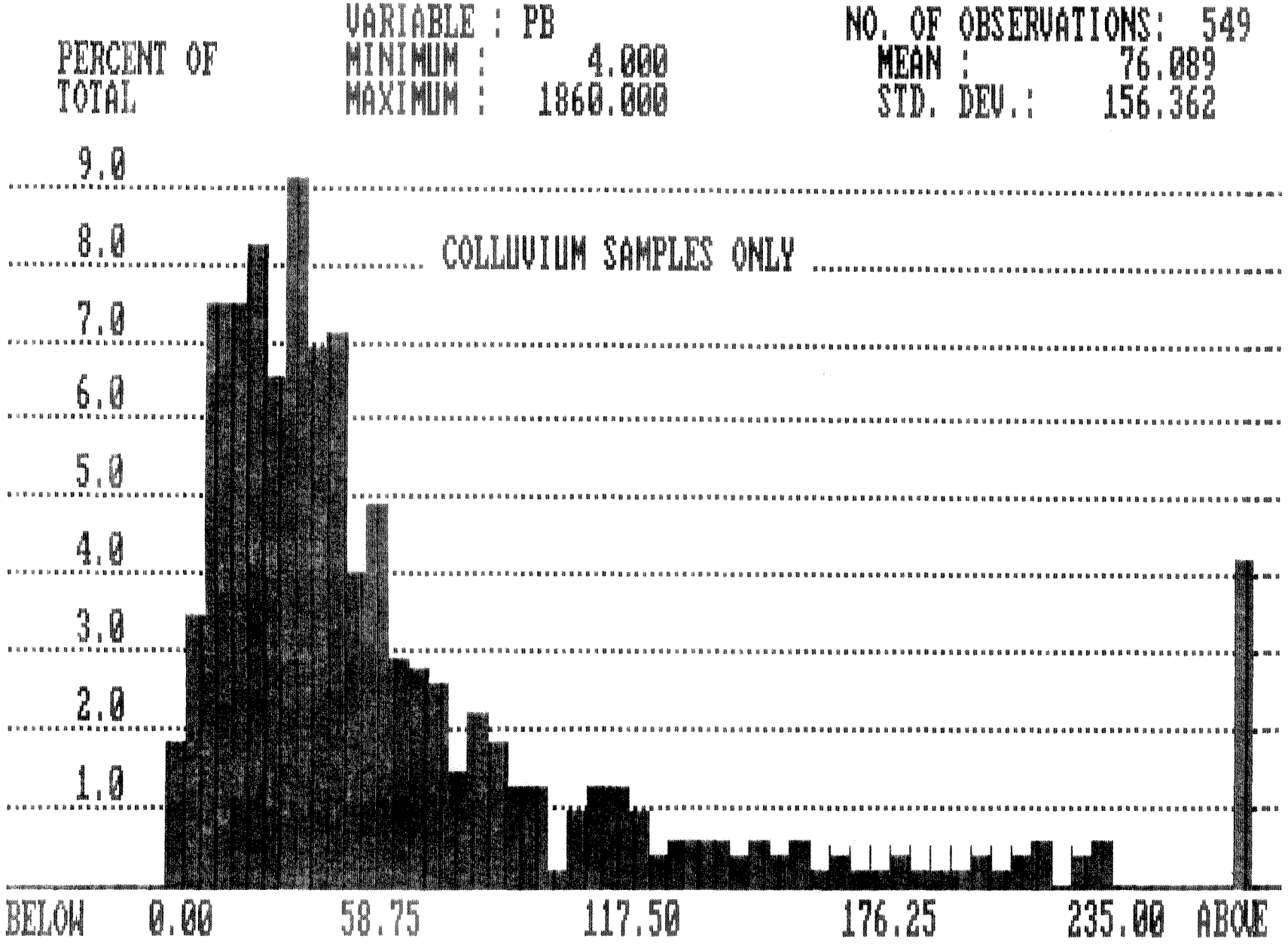
MINIMUM : 0.400

MAXIMUM : 75.000

MEAN : 2.035

STD. DEV.: 4.431




VARIABLE : PB
MINIMUM : 4.000
MAXIMUM : 1860.000
NO. OF OBSERVATIONS: 549
MEAN : 76.089
STD. DEV.: 156.362
PERCENT OF TOTAL
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
COLLUVIUM SAMPLES ONLY
BELOW 0.00 58.75 117.50 176.25 235.00 ABOVE

VARIABLE : PB

NO. OF OBSERVATIONS: 171

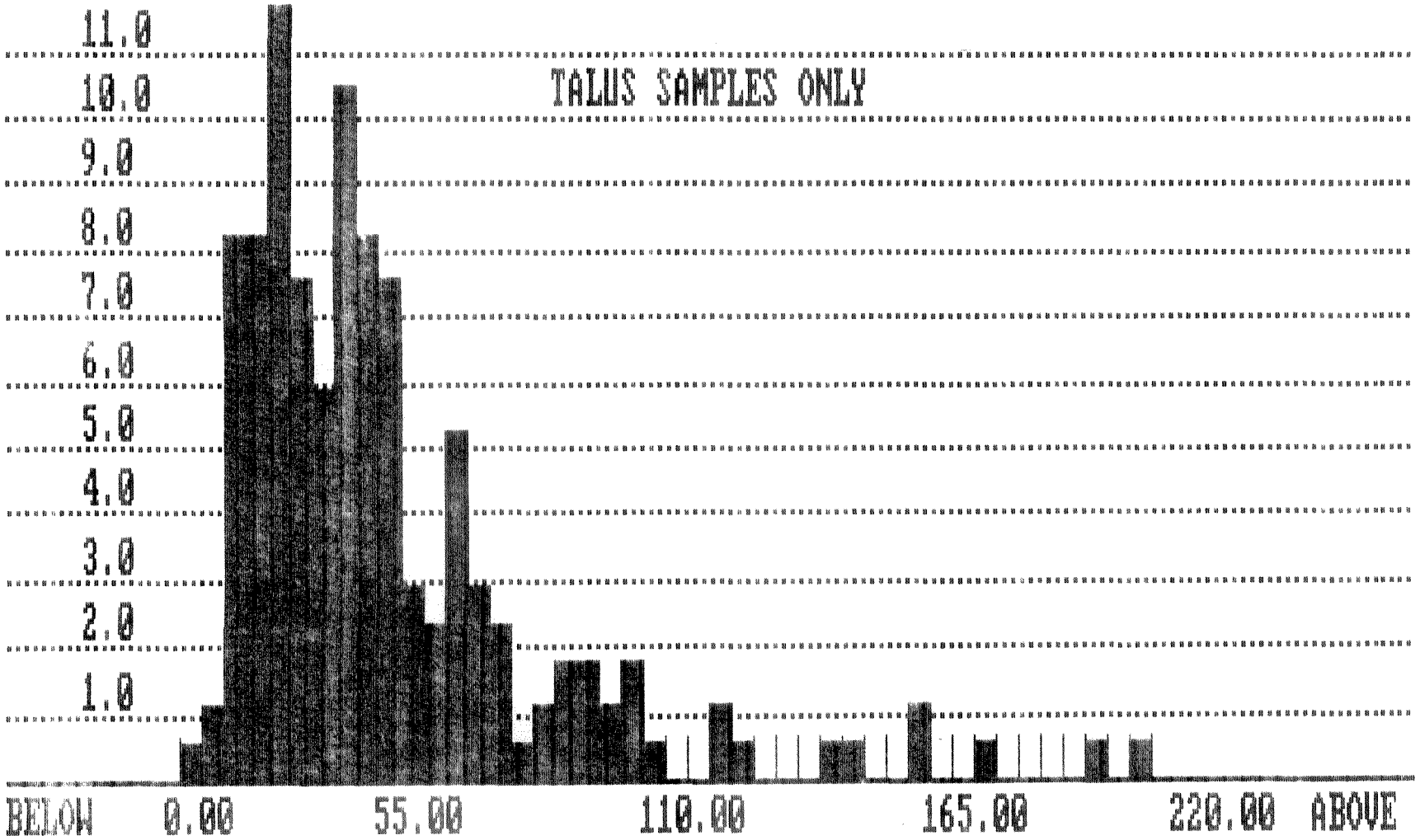
PERCENT OF TOTAL

MINIMUM : 4.000

MEAN : 47.035

MAXIMUM : 215.000

STD. DEV.: 37.245



CANOL ROAD

N.W.T. YUKON

0 1km

Drawn by		Traced by	
Revised by	Date	Revised by	Date

TOM EAST CLAIMS (TOME BLOCK)

Scale 1:10,000 | Date OCT '88 | Plate 88-1

105 D 1

092729

CANOL ROAD

Nidd claims

Jason claims

Mac claims

Tom lease

Jerry claims

Tome claims

1km

Tom East Claims

Drawn by	Traced by		
Revised by / Date	Revised by / Date		
Scale 1:10,000	Date Oct. 88	Plate 88-2	

105 01

092729

CANOL ROAD

N.W.T. Yukon

claim block outer edge

0 1km

Tom East (tome block)

Soil sample locations

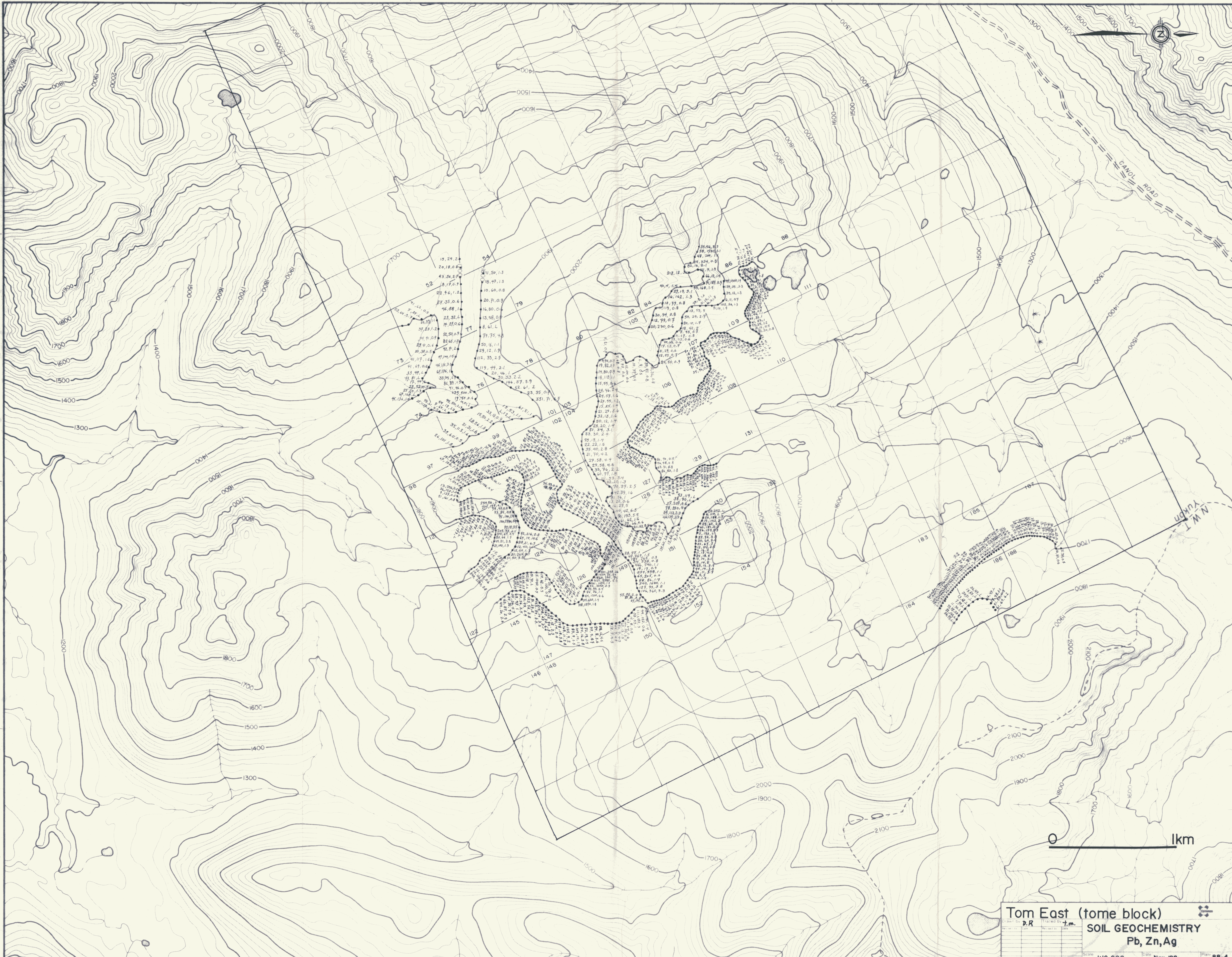
Drawn By	Traced By		
Revised By	Date	Revised By	Date

Scale 1:10,000 Date OCT '88 Plate 88-3

105 01

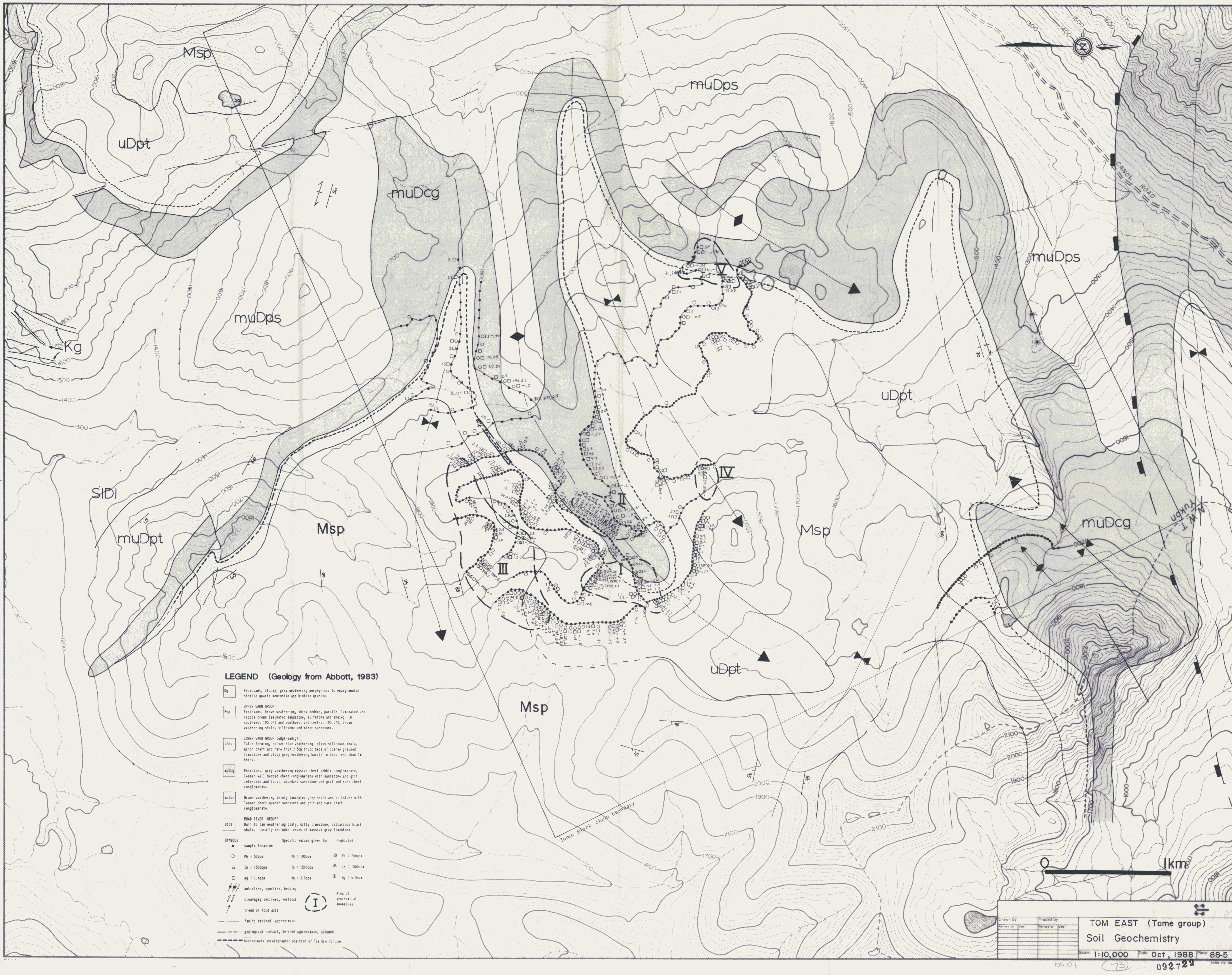
70

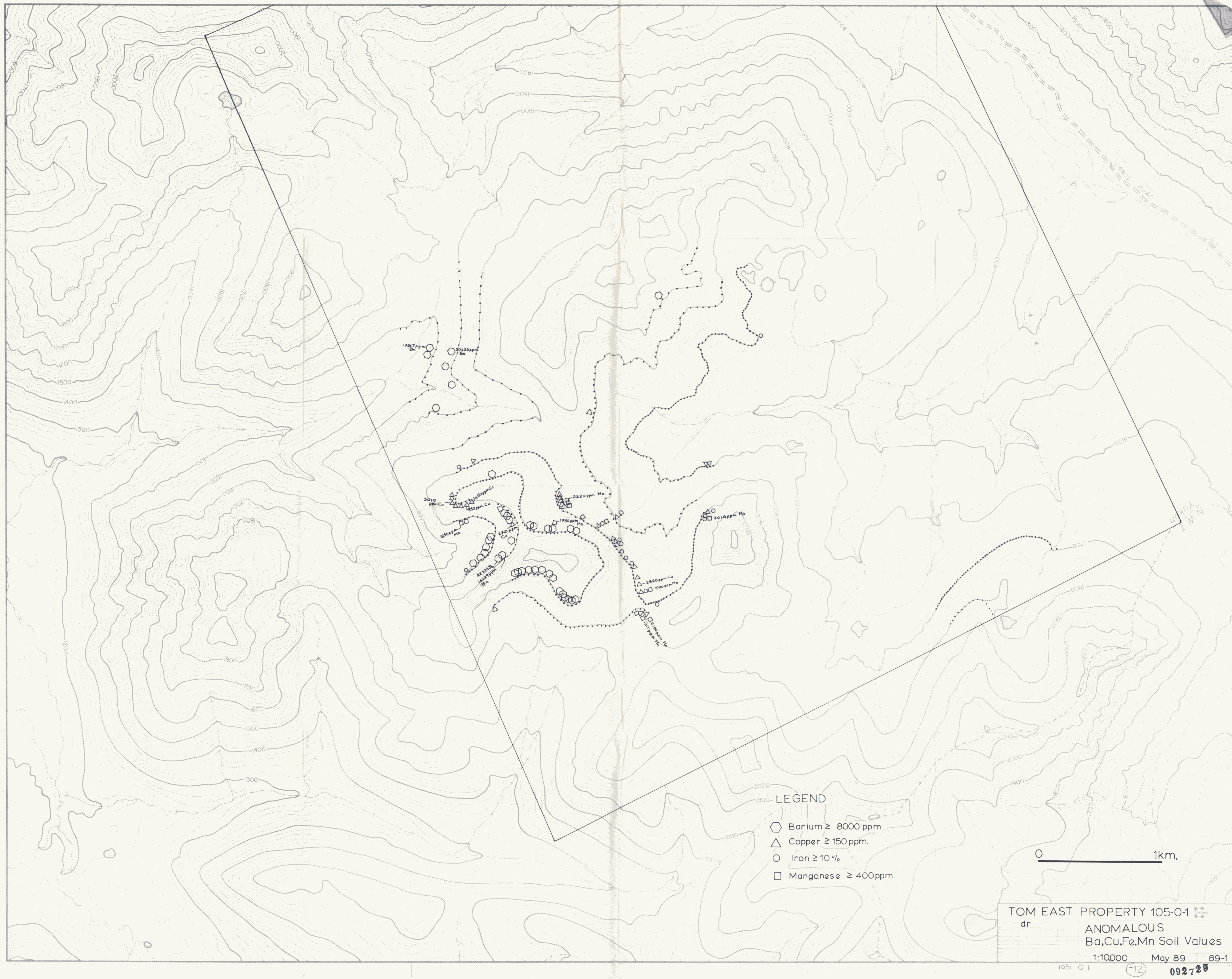
092729

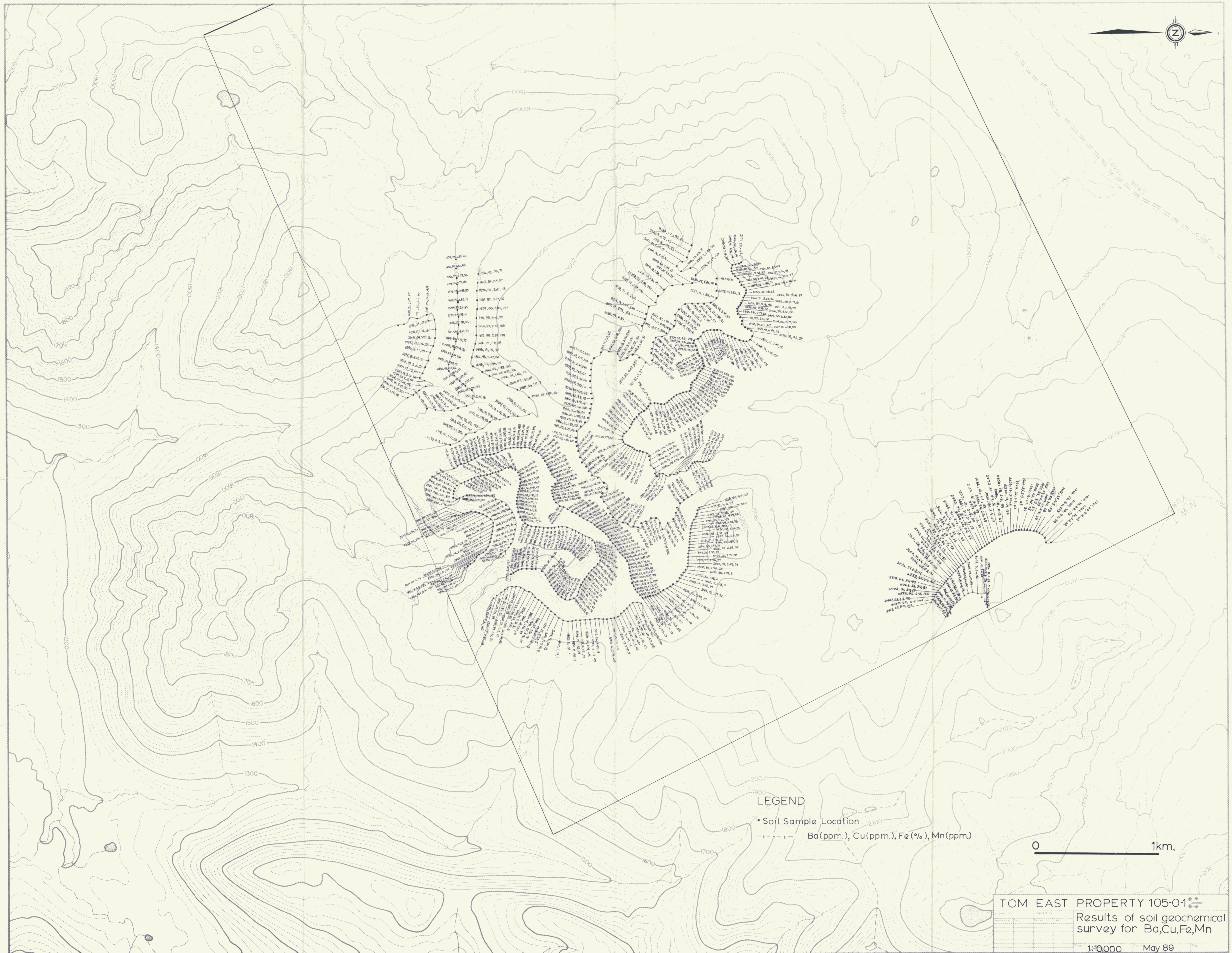


105 G 1 (71)

092729


Msp
uDpt
muDcg
muDps
Kg
SIDI
muDpt
uDpt
Msp
muDcg
CANOL ROAD
Tome Block claim boundary
I
II
III
IV
V
LEGEND (Geology from Abbott, 1983)
Kg Resistant, blocky, grey weathering porphyritic to equigranular biotite quartz monzonite and biotite granite.
Msp UPPER EARN GROUP
Resistant, brown weathering, thick bedded, parallel laminated and ripple cross laminated sandstone, siltstone and shale; in southwest 105 0/1 and southwest and central 105 0/2, brown weathering shale, siltstone and minor sandstone.
uDpt LOWER EARN GROUP (uDpt-emDcg)
Talus forming, silver blue weathering, platy siliceous shale, minor chert and rare thin 2-5cm thick beds of coarse grained limestone and platy grey weathering barite in beds less than 1m thick.
muDcg Resistant, grey weathering massive chert pebble conglomerate, lesser well bedded chert conglomerate with sandstone and grit interbeds and local, abundant sandstone and grit and rare chert conglomerate.
muDps Brown weathering thinly laminated grey shale and siltstone with lesser chert quartz sandstone and grit and rare chert conglomerate.
S1D1 ROAD RIVER 'GROUP'
Buff to tan weathering platy, silty limestone, calcarious black shale. Locally includes lenses of massive grey limestone.
SYMBOLS
Specific values given for
Highlited
sample location
Pb > 50ppm
Pb > 100ppm
Pb > 200ppm
Zn > 1500ppm
Zn > 1500ppm
Zn > 1500ppm
Ag > 1.4ppm
Ag > 2.0ppm
Ag > 6.0ppm
anticline, syncline, bedding
cleavage; inclined, vertical
trend of fold axis
Area of geochemical anomalies
fault; defined, approximate
geological contact, defined approximate, assumed
Approximate stratigraphic position of Tom Ore Horizon
0
1km
Drawn by
Traced by
Revised by
Date
Revised by
Date
TOM EAST (Tome group)
Soil Geochemistry
Scale 1:10,000
Date Oct, 1988
Plate 88-5
FORM 210 · 0680
105 O1
73
092729


LEGEND
Barium ≥ 8000 ppm.
Copper ≥ 150 ppm.
Iron ≥ 10 %
Manganese ≥ 400 ppm.
0
1km.
TOM EAST PROPERTY 105-0-1
dr
ANOMALOUS
Ba,Cu,Fe,Mn Soil Values
1:10,000
May 89
89-1
105 01
72
092729
CANOL ROAD
N.W.T.
YUKON



105 0 1

74

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