83-#603-#11557

COMINCO LTD.

EXPLORATION
NTS: 94F-7

WESTERN DISTRICT

ASSESSMENT REPORT

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

DEL GROUP

SITUATED AT: 57°20'N, 125°00'W

OMINECA MINING DIVISION

BRITISH COLUMBIA

OCTOBER 1983

K.R. PRIDE

TABLE OF CONTENTS

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT
18 OCTOBER 1983

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

DEL GROUP

OMINECA MINING DIVISION

BRITISH COLUMBIA

I. INTRODUCTION

Cominco Ltd. performed grid soil sampling, line cutting and geological mapping during the period July 4 to August 30, 1983. Total expenditures on this claim group are estimated to be $61,425.

II. SUMMARY

Field work on the Del property was performed during the period July 4 to August 30, 1983. Geological mapping at a scale of 1:5,000 was conducted over the central and eastern portion of the claim group. A 2 kilometre northwest trending cut-baseline was installed to provide control for geological mapping and chain and compass grid-soil sampling. Approximately 775 soils were collected at 25 metre intervals along grid lines 100 metres apart.

III. LOCATION AND ACCESS

The Del claim group is located between the Akie River and Del Creek, 55 kilometres west of Sikanni Chief Lake on the Fort Ware Map Sheet NTS: 94F. The centre of the claim group is located at latitude 57°20'N and longitude 125°00'W.

Logistical support was provided by wheel equipped aircraft based at Mackenzie, 190 kilometres to the south and then by helicopter from Ingenika 60 kilometres to the property.

IV. TENURE

The Del property, consisting of 10 claims (Del 1-10) is 100% Cominco owned and is located in the OMINECA Mining Division.

CLAIM NO.	RECORD NO.	NO. OF UNITS	RECORDING DATE
DEL- 1	3317	20	Oct. 10, 1980
DEL- 2	3318	20	Oct. 10, 1980
DEL- 3	3319	20	Oct. 10, 1980
DEL- 4	3320	20	Oct. 10, 1980
DEL- 5	3321	20	Oct. 10, 1980
DEL- 6	3322	20	Oct. 10, 1980
DEL- 7	3323	20	Oct. 10, 1980
DEL- 8	3324	20	Oct. 10, 1980
DEL- 9	3695	12	April 2, 1981
DEL-10	3696	12	April 2, 1981

V. GEOLOGY

Geological mapping at a scale of 1:5,000 has outlined a northwest trending thrust panel of Cambrian to Devonian stratigraphy of the Kechika Group, Road River Group and Earn Group.

Kechika Group

The Kechika Group, Unit 1, ranges in age from latest Cambrian to Early Ordovician and occurs along the western boundary of the claim group where it overthrusts Silurian and Devonian rocks. The rocks consist of at least 500 metres of cream to light grey-weathering, wavy banded, nodular, calcareous mudstone and phyllite.

Road River Group

The Road River Group, ranging in age from Early Ordovician to Early Devonian, occurs along the eastern portion of the property and can be subdivided into four members.

The basal member, Unit 2, of undetermined thickness, consists of interbedded black carbonaceous shale, siliceous mudstone, and minor black limestone which contain Early to Middle Ordovician graptolites.

Unit 2 is unconformably overlain by up to 500 metres of greyish-orange and yellowish-orange weathering rhythmically bedded dolomite with variable proportions of siltstone, shale and quartz-sandstone of Unit 3. Unit 3 contains two sub-units: sub-unit 3a, consisting of a baritic-shale horizon and sub-unit 3b, a crinoidal limestone horizon.

Unit 3a, having a very limited exposure in the north central area of the claim group, is approximately 50 metres thick and consists of black to blue-grey weathering, black, laminated, siliceous shale, chert and barite. The graptolite Monograptus spiralis has been indentified indicating an age of Early Silurian.

Unit 3b is exposed along the central portion of the property and ranges in thickness from 0.5 metres to 10 metres. The rock unit is a massive to medium bedded, grey weathering, grey limestone which contains small, single-axial crinoid stems and locally, fine silt laminations and cross-laminations.

TABLE 1

TABLE OF GEOLOGICAL FORMATIONS

	AGE	UNIT	DESCRIPTION
EARN GROUP	?	7	Orange weathering, felsic dykes.
	DEVONIAN	6	Black to blue grey weathering, laminated siliceous shale, mudstone and barite.
		5	Light grey weathering, medium to thickly bedded limestone and bioclastic limestone debris flows. (Double axial crinoid stems, stromatoporoids and corals.
ROAD R[illegible]R GROUP		4	Orange to brown weathering, creamy-white, vuggy dolomite.
	SILURIAN	3	Orange - buff weathering, grey siltstone, minor quartzite and calcarenite (bioturbated).
		3a	Light grey weathering, grey, thin to medium-bedded, silty limestone (Single axial crinoid stems).
		3b	Black to blue grey weathering, black, laminated, siliceous shale, mudstone, and barite (Monograptus bohemicus).
	ORDOVICIAN	2	Black-blue weathering, black, siliceous, laminated shale with minor beds of black, silty limestone (Climacograptus, Orthograptus).
KECHIKA GROUP	CAMBRO-ORDOVICIAN	1	Light grey weathering, grey, nodular, wavy banded limestone and calcareous phyllite.

Road River Group cont.

An Early to Middle Devonian dolomite reef, Unit 4, is exposed in the west central area of the property where it unconformably overlies Unit 3. The dolomite is characteristically orange to buff weathering, resistant, silty-laminated at the base and vuggy, cream-white at the top. This unit has a variable thickness up to 15 metres.

The Devonian dolomite reef grades into a 10 metre thick section of limestone and bioclastic limestone debris flows, Unit 5. The rocks are grey weathering, thickly bedded to massive and represent a carbonate reef-flank assemblage. Fossils include double axial crinoid stems, stromatoporoids and corals.

Earn Group

The Middle Devonian carbonate sequence is unconformably overlain by Devonian shale, Unit 6, which hosts the known barite-lead-zinc occurrences in the area. This unit is exposed in the western portion of the claim group and consists of black to blue-grey weathering silty shale, siliceous shale and chert and rusty weathering nodular to massive grey barite.

Felsic dykes, Unit 7, occur in the western and central portions of the claim group and cross-cut Cambrian to Devonian stratigraphy. The dykes are typically orange weathering, resistant, fine grained and contain up to 5% finely disseminated pyrite.

GEOCHEMISTRY

During the period July 4 to August 30, 1983 approximately 775 soil and silt samples were collected on the Del Group. Ketza Enterprises of Ross River, Yukon, were contracted to cut a 2 kilometre northwest trending baseline which provided control for a chain and compass grid soil survey. Soil samples were collected at 25 metre intervals along lines spaced 100 metres apart.

Soil samples were collected from the "B" horizon using mattocks. All samples were packaged in kraft sample bags and sent to the Cominco Laboratory at 1486 Pender Street, Vancouver, B.C. The soil samples were dried, sieved to -80 mesh, weighed to half a gram, digested in perchloric acid and analysed by atomic absorption for lead and zinc. Sample analyses for barium were quantitatively determined by x-ray fluorescence. All sample pulps from the Del Group are stored at the Cominco Laboratory in Vancouver.

Thresholds for lead, zinc and barium were calculated by cumulative frequency plots to distinguish the response of mineralization form the response of background values and can be seen in Table 2.

The barium and lead responses appear to be the best indicator of the baritic shale litholgies of Unit 3 and Unit 8. Results of the soil survey may be noted on the accompanying 1:5,000 scale maps, Plates 4,5 and 6 for lead zinc and barium respectively. The contour interval for each element was calculated graphically from cumulative frequency plots.

TABLE 2

GEOCHEMICAL THRESHOLDS (ppm)

Sample Type	Possibly anomalous			Anomalous		
	Pb	Zn	Ba	Pb	Zn	Ba
Soil	60	900	2000	100	1000	2500
Silt	40	800	1500	70	1000	2000

VII. CONCLUSIONS

Geological mapping at 1:5,000 scale has outlined two barite-shale borizons: Unit 3 of the Road River Group and Unit 8 of the EARN Group.

Grid soil sampling has outlined coincident lead, zinc and barium anomalies which are coincident with the two baritic shale lithologies mentioned above.

No lead-zinc sulphides have been located on the property to date.

Report by: A.B. Mawer for
K.R. Pride, Project Geologist

Endorsed by: A.B. Mawer
A.B. Mawer, Senior Geologst

Approved for Release by:
G. Harden, Manager
Exploration
Western District

KRP/cgs
18 October 1983

REFERENCES

Carne, R.C. (1978): Driftpile Lead-Zinc District, B.C. Ministry of Energy, Mines & Pet. Res., Assessment Report 6666.

Cecile, M.P. and Norford, B.S. (1979): Basin to Platform Transition, Lower Paleozoic Strata of Ware and Trutch Map-Areas, Northeastern British Columbia, in Current Research, Part A, Geol. Surv., Canada, Paper 79-1A, Report 36.

Gabrielse, H. (1962): Geological Map of the Kechika Map Area, Geol. Surv., Canada, Map 42-1962.

.....(1977): Geological Map of the Ware West Half and Toodoggone River Map-Areas, Geol. Surv., Canada, Open File Report 483.

MacIntyre, D.G. (1979): Driftpile Creek - Akie River Project, B.C. Ministry of Energy, Mines & Pet. Res., Geological Fieldwork, 1979, Paper 1980-1, pp. 55-67.

MacQueen, R.W. and Thompson, R.I. (1978): Carbonate-Hosted Lead-Zinc in Northeastern British Columbia, With Emphasis on the Robb Lake Deposit, Cdn. Journ. Earth Sci., Vol. 15, pp. 1737-1762.

Roberts, W.J. (1977): Geological and Geochemical Report on the Cirque Group, B.C. Ministry of Energy, Mines & Pet. Res., Assessment Report 6743.

Taylor, Gl. (1979): Geological Map of the Ware East Half and Trutch Map-Areas, Geol. Surv., Canada, Open File Report 609.

Taylor, G.C.; Cecile, M.P.; Jefferson, C.W.; and Norford, B.S. (1979): Stratigraphy of the Ware East Half Map-Area, in Current Research, Part A, Geol. Surv., Canada, Paper 79-A, Report 37.

Taylor, G.C. and MacKenzie, W.S. (1970): Devonian Stratigraphy of Northeast British Columbia, Geol. Surv., Canada, Bull 186.

Taylor, G.C. and Stott, D.F. (1973): Tuchodi Lakes Map-Area, British Columbia, Geol. Surv., Canada, Mem. 373.

APPENDIX "A"

IN THE MATTER OF THE B.C. MINERAL ACT AND IN THE MATTER OF A PRELIMINARY GEOLOGICAL AND GEOCHEMICAL SURVEY CARRIED OUT ON MINERAL CLAIMS OF THE DEL PROPERTY LOCATED IN THE OMENICA MINING DIVISION BRITISH COLUMBIA MORE PARTICULARLY N.T.S. 94F-7

A F F I D A V I T

I, A.B. MAWER, OF THE DISTRICT OF NORTH VANCOUVER, IN THE PROVINCE OF BRITISH COLUMBIA, SENIOR GEOLOGIST, 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 "Appendix B" to this my affidavit is a true copy of expenditures on geological mapping and geochemical sampling claims on the DEL Property.

(3) THAT the said expenditures were incurred between the 4th day of July, 1983 and the 30th day of August, 1983 for the purpose of mineral exploration on the above noted property.

Signed: A.B. Mawer

A.B. Mawer, Senior Geologist

October 18, 1983

APPENDIX "B"

DEL PROPERTY - ASSESSMENT REPORT

STATEMENT OF EXPENDITURES

(July 4th to August 30, 1983)

SALARIES		
E. Olfert	58 days @ $175/day	$10,150.00
B. Crich	58 days @ $80/day	4,640.00
M. Davies	7 days @ $96/day	672.00
		$15,462.00
GEOCHEMICAL SURVEY		
Contract soil sampling by Ketza Enterprises	775 @ $5.55	4,300.00
Soil samples analyzed by Cominco Ltd.	775 @ $7.35	5,696.00
		9,996.00
GROUND CONTROL		
Orthophoto map (Pacific Survey Corp.)		5,842.00
Line cutting (Ketza Enterprises)	2.0 Km @ $330/Km	660.00
		6,502.00
FIELD EQUIPMENT AND SUPPLIES		6,825.00
CAMP MAINTENANCE		
116 man days @ $40/man day		4,640.00
TRANSPORTATION		
Fixed Wing		4,000.00
Helicopter		13,000.00
Freight		400.00
		17,400.00
REPORT WRITING, DRAFTING		
K.R. Pride	4 days @ $150/day	600.00
	TOTAL COST	$61,425.00

APPENDIX "C"

STATEMENT OF QUALIFICATIONS

I, A.B. MAWER, SENIOR GEOLOGIST WITH BUSIESS ADDRESS IN VANCOUVER, BRITISH COLUMBIA AND RESIDENTIAL ADDRESS IN NORTH VANCOUVER, BRITISH COLUMBIA HEREBY CERTIFY THAT:

1. From 1944 to the present, I have been actively engaged as a prospector and geologist in mineral exploration.

2. I am a Fellow of the Geological Association of Canada.

3. I am a member of the Canadian Institute of Mining and Metallurgy.

4. I personally supervised the field work on the DEL Group

A.B. Mawer

A.B. Mawer, Senior Geologist

October 18, 1983

APPENDIX D

DEL

17 OCT 1983

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8307749	L-00N0E		18	95	
S8307750	L-00N25E		12	780	
S8307751	L-00N50E		21	102	
S8307752	L-00N75E		22	91	
S8307753	L-00N100E		30	52	
S8307754	L-00N125E		15	97	
S8307755	L-00N150E		17	114	
S8307756	L-00N175E		18	124	
S8307757	L-00N200E		12	78	
S8307758	L-00N225E		13	12	
S8307759	L-00N250E		19	568	
S8307760	L-00N275E		14	280	
S8307761	L-00N300E		14	73	
S8307762	L-00N325E		12	66	
S8307763	L-00N350E		16	349	
S8307764	L-00N375E		8	63	
S8307765	L-00N400E		6	56	
S8307766	L-00N425E		12	56	
S8307767	L-00N450E		20	9	
S8307768	L-00N475E		27	8	
S8307769	L-00N500E		14	61	
S8307770	L-00N525E		5	20	
S8307771	L-00N550E		12	19	
S8307772	L-00N575E		16	8	
S8307773	L-00N600E		4	16	
S8307774	L-00N625E		6	7	
S8307775	L-00N650E		47	20	
S8307776	L-00N675E		37	10	
S8307777	L-00N700E		20	162	
S8307778	L-00N725E		76	670	
S8307779	L-00N750E		24	458	
S8307780	L-00N775E		20	363	
S8307781	L-00N800E		24	332	
S8307782	L-00N825E		35	640	
S8307783	L-00N850E		27	496	
S8307784	L-00N25W		107	120	
S8307785	L-00N50W		27	219	
S8307786	L-00N75W		64	110	
S8307787	L-00N100W		15	18	
S8307788	L-00N125W		9	50	
S8307789	L-00N150W		13	66	
S8307790	L-00N175W		22	77	
S8307791	L-00N200W		25	68	
S8307792	L-1+00N0E		24	121	
S8307793	L-1+00N25E		17	88	
S8307794	L-1+00N50E		18	181	
S8307795	L-1+00N75E		15	51	
S8307796	L-1+00N100E		23	45	
S8307797	L-1+00N125E		18	63	
S8307798	L-1+00N150E		15	42	
S8307799	L-1+00N175E		9	130	
S8307800	L-1+00N200E		13	192	
S8307801	L-1+00N225E		10	123	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8307802	L-1+00N250E		13	271	
S8307803	L-1+00N275E		18	124	
S8307804	L-1+00N300E		19	68	
S8307805	L-1+00N325E		17	47	
S8307806	L-1+00N350E		14	31	
S8307807	L-1+00N375E		9	53	
S8307808	L-1+00N400E		4	17	
S8307809	L-1+00N425E		6	9	
S8307810	L-1+00N450E		11	48	
S8307811	L-1+00N475E		12	36	
S8307812	L-1+00N500E		13	22	
S8307813	L-1+00N525E		14	56	
S8307814	L-1+00N550E		5	12	
S8307815	L-1+00N575E		14	29	
S8307816	L-1+00N600E		10	28	
S8307817	L-1+00N625E		17	20	
S8307818	L-1+00N650E		65	7	
S8307819	L-1+00N675E		7	9	
S8307820	L-1+00N700E		21	23	
S8307821	L-1+00N725E		13	10	
S8307822	L-1+00N750E		43	365	
S8307823	L-1+00N775E		109	800	
S8307824	L-1+00N800E		218	1900	
S8307825	L-1+00N825E		64	680	
S8307826	L-1+00N850E		40	880	
S8307827	L-1+00N25E		17	71	
S8307828	L-1+00N50E		15	61	
S8307829	L-1+00N75E		13	51	
S8307830	L-1+00N100E		15	50	
S8307831	L-1+00N125E		8	49	
S8307832	L-1+00N150E		7	36	
S8307833	L-1+00N175E		13	51	
S8307834	L-1+00N200E		5	84	
S8307835	L-2+00N0W		22	64	
S8307836	L-2+00N25W		14	61	
S8307837	L-2+00N50W		11	45	
S8307838	L-2+00N75W		14	50	
S8307839	L-2+00N100W		9	40	
S8307840	L-2+00N125W		9	104	
S8307841	L-2+00N150W		11	41	
S8307842	L-2+00N175W		13	42	
S8307843	L-2+00N200W		10	39	
S8307844	L-2+00N25E		10	50	
S8307845	L-2+00N50E		23	53	
S8307846	L-2+00N75E		12	36	
S8307847	L-2+00N100E		22	107	
S8307848	L-2+00N125E		16	97	
S8307849	L-2+00N150E		14	27	
S8307850	L-2+00N175E		18	23	
S8307851	L-2+00N200E		18	20	
S8307852	L-2+00N225E		16	23	
S8307853	L-2+00N250E		25	25	
S8307854	L-2+00N275E		5	26	
S8307855	L-2+00N300E		15	17	
S8307856	L-2+00N325E		11	32	
S8307857	L-2+00N350E		14	33	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8307858	L-2+00N375E		11	12	
S8307859	L-2+00N400E		7	40	
S8307860	L-2+00N425E		10	37	
S8307861	L-2+00N450E		9	39	
S8307862	L-2+00N475E		12	34	
S8307863	L-2+00N500E		16	94	
S8307864	L-2+00N525E		25	59	
S8307865	L-2+00N550E		6	15	
S8307866	L-2+00N575E		7	10	
S8307867	L-2+00N600E		43	13	
S8307868	L-2+00N625E		19	12	
S8307869	L-2+00N650E		181	398	
S8307870	L-2+00N675E		24	30	
S8307871	L-2+00N700E		18	398	
S8307872	L-2+00N725E		14	77	
S8307873	L-2+00N750E		33	203	
S8307874	L-300N25W		21	69	
S8307875	L-300N50W		8	40	
S8307876	L-300N75W		14	46	
S8307877	L-300N100W		15	50	
S8307878	L-300N125W		16	50	
S8307879	L-300N150W		14	40	
S8307880	L-300N175W		16	40	
S8307881	L-300N200W		16	55	
S8307882	L-3+00N0		96	1480	
S8307883	L-3+00N25		10	52	
S8307884	L-3+00N50		22	70	
S8307885	L-3+00N75		11	49	
S8307886	L-3+00N100		11	54	
S8307887	L-3+00N125		12	51	
S8307888	L-3+00N150		13	45	
S8307889	L-3+00N175		14	64	
S8307890	L-3+00N200		12	42	
S8307891	L-3+00N225		14	38	
S8307892	L-3+00N250		19	267	
S8307893	L-3+00N275		16	25	
S8307894	L-3+00N300		17	32	
S8307895	L-3+00N325		20	238	
S8307896	L-3+00N350		11	17	
S8307897	L-3+00N375		17	67	
S8307898	L-3+00N400		6	17	
S8307899	L-3+00N425		11	45	
S8307900	L-3+00N450		11	15	
S8307901	L-3+00N475		16	23	
S8307902	L-3+00N500		15	27	
S8307903	L-3+00N525		22	39	
S8307904	L-3+00N550		15	47	
S8307905	L-3+00N575		11	66	
S8307906	L-3+00N600		38	39	
S8307907	L-3+00N625		13	78	
S8307908	L-3+00N650		26	11	
S8307909	L-3+00N675		34	7	
S8307910	L-3+00N700		17	47	
S8307911	L-3+00N725		16	17	
S8307912	L-3+00N750		14	72	
S8307913	L-4+00N0E		18	127	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8307914	L-4+00N25E		10	51	
S8307915	L-4+00N50E		47	310	
S8307916	L-4+00N75E		44	140	
S8307917	L-4+00N100E		102	279	
S8307918	L-4+00N125E		10	64	
S8307919	L-4+00N150E		23	172	
S8307920	L-4+00N175E		19	76	
S8307921	L-4+00N200E		22	94	
S8307922	L-4+00N225E		10	19	
S8307923	L-4+00N250E		6	64	
S8307924	L-4+00N275E		14	72	
S8307925	L-4+00N300E		8	54	
S8307926	L-4+00N325E		6	40	
S8307927	L-4+00N350E		6	37	
S8307928	L-4+00N375E		9	167	
S8307929	L-4+00N400E		6	19	
S8307930	L-4+00N425E		10	17	
S8307931	L-4+00N450E		17	20	
S8307932	L-4+00N475E		19	19	
S8307933	L-4+00N500E		26	79	
S8307934	L-4+00N525E		10	33	
S8307935	L-4+00N550E		22	34	
S8307936	L-4+00N575E		20	59	
S8307937	L-4+00N600E		22	38	
S8307938	L-4+00N625E		32	188	
S8307939	L-4+00N650E		22	49	
S8307940	L-4+00N675E		12	17	
S8307941	L-4+00N700E		16	65	
S8307942	L-4+00N725E		15	96	
S8307943	L-4+00N750E		16	107	
S8307944	L5+00N0E		23	178	
S8307945	L5+00N25E		13	66	
S8307946	L5+00N50E		15	77	
S8307947	L5+00N75E		11	51	
S8307948	L5+00N100E		21	81	
S8307949	L5+00N125E		14	123	
S8307950	L5+00N150E		23	1370	
S8307951	L5+00N175E		23	141	
S8307952	L5+00N200E		17	92	
S8307953	L6+00N0E		11	114	
S8307954	L6+00N25E		14	44	
S8307955	L6+00N50E		19	180	
S8307956	L6+00N75E		13	74	
S8307957	L6+00N100E		27	67	
S8307958	L6+00N125E		18	48	
S8307959	L6+00N150E		49	880	
S8307960	L6+00N175E		18	73	
S8307961	L6+00N200E		17	84	
S8307962	L7+00N0E		16	130	
S8307963	L7+00N25E		34	275	
S8307964	L7+00N50E		20	115	
S8307965	L7+00N75E		23	118	
S8307966	L7+00N100E		10	66	
S8307967	L7+00N125E		18	273	
S8307968	L7+00N150E		23	149	
S8307969	L7+00N175E		10	78	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8307970	L7+00N200E		24	178	
S8307971	L1+00S0W		28	810	
S8307972	L1+00S25W		15	65	
S8307973	L1+00S50W		13	108	
S8307974	L1+00S75W		14	62	
S8307975	L1+00S100W		12	54	
S8307976	L1+00S125W		13	51	
S8307977	L1+00S150W		24	60	
S8307978	L1+00S175W		25	65	
S8307979	L1+00S200W		22	146	
S8307980	L1+00S25E		15	49	
S8307981	L1+00S50E		18	76	
S8307982	L1+00S75E		18	970	
S8307983	L1+00S100E		22	96	
S8307984	L1+00S125E		17	87	
S8307985	L1+00S150E		14	45	
S8307986	L1+00S175E		10	50	
S8307987	L1+00S200E		16	52	
S8307988	L1+00S225E		21	47	
S8307989	L1+00S250E		19	46	
S8307990	L1+00S275E		12	86	
S8307991	L1+00S300E		21	93	
S8307992	L1+00S325E		9	106	
S8307993	L1+00S350E		12	116	
S8307994	L1+00S375E		7	101	
S8307995	L1+00S400E		9	89	
S8307996	L1+00S425E		9	71	
S8307997	L1+00S450E		12	90	
S8307998	L1+00S475E		11	52	
S8307999	L1+00S500E		10	20	
S8308000	L1+00S525E		7	21	
S8308001	L1+00S550E		6	10	
S8308002	L1+00S575E		9	8	
S8308003	L1+00S600E		7	26	
S8308004	L1+00S625E		5	12	
S8308005	L1+00S650E		6	10	
S8308006	L1+00S675E		23	74	
S8308007	L1+00S700E		22	144	
S8308008	L1+00S725E		29	30	
S8308009	L1+00S750E		12	47	
S8308010	L1+00S775E		7	54	
S8308011	L1+00S800E		17	127	
S8308012	L1+00S825E		18	190	
S8308013	L1+00S850E		19	268	
S8308014	L2+00S0E		18	125	
S8308015	L2+00S25E		52	118	
S8308016	L2+00S50E		16	146	
S8308017	L2+00S75E		14	74	
S8308018	L2+00S100E		21	372	
S8308019	L2+00S125E		19	37	
S8308020	L2+00S150E		16	34	
S8308021	L2+00S175E		12	50	
S8308022	L2+00S200E		12	72	
S8308023	L2+00S225E		9	114	
S8308024	L2+00S250E		11	100	
S8308025	L2+00S275E		11	124	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8308026	L2+00S300E		8	105	
S8308027	L2+00S325E		8	35	
S8308028	L2+00S350E		7	43	
S8308029	L2+00S375E		4	40	
S8308030	L2+00S400E		16	43	
S8308031	L2+00S425E		19	15	
S8308032	L2+00S450E		10	30	
S8308033	L2+00S475E		7	39	
S8308034	L2+00S500E		6	25	
S8308035	L2+00S525E		10	30	
S8308036	L2+00S550E		10	43	
S8308037	L2+00S575E		12	42	
S8308038	L2+00S600E		13	40	
S8308039	L2+00S625E		19	60	
S8308040	L2+00S650E		16	23	
S8308041	L2+00S675E		15	15	
S8308042	L2+00S700E		21	23	
S8308043	L2+00S725E		24	28	
S8308044	L2+00S750E		30	187	
S8308045	L2+00S775E		21	198	
S8308046	L2+00S800E		14	190	
S8308047	L-300S0E		53	159	
S8308048	L-300S25E		43	168	
S8308049	L-300S50E		46	167	
S8308050	L-300S75E		67	226	
S8308051	L-300S100E		35	140	
S8308052	L-300S125E		62	191	
S8308053	L-300S150E		8	52	
S8308054	L-300S175E		33	362	
S8308055	L-300S200E		17	78	
S8308056	L-300S225E		27	77	
S8308057	L-300S250E		29	141	
S8308058	L-300S275E		28	118	
S8308059	L-300S300E		37	158	
S8308060	L-300S325E		70	137	
S8308061	L-300S350E		14	88	
S8308062	L-300S375E		6	58	
S8308063	L-300S400E		8	112	
S8308064	L-300S425E		6	83	
S8308065	L-300S450E		12	53	
S8308066	L-300S475E		8	21	
S8308067	L-300S500E		8	66	
S8308068	L-300S525E		8	44	
S8308069	L-300S550E		9	25	
S8308070	L-300S575E		18	49	
S8308071	L-300S600E		6	25	
S8308072	L-300S625E		15	74	
S8308073	L-300S650E		18	74	
S8308074	L4+00S0E		104	399	
S8308075	L4+00S25E		125	346	
S8308076	L4+00S50E		120	367	
S8308077	L4+00S75E		168	414	
S8308078	L4+00S100E		158	371	
S8308079	L4+00S125E		67	204	
S8308080	L4+00S150E		175	650	
S8308081	L4+00S175E		121	418	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8308082	L4+00S200E		121	363	
S8308083	L4+00S225E		41	180	
S8308084	L4+00S250E		141	499	
S8308085	L4+00S275E		38	221	
S8308086	L4+00S300E		41	126	
S8308087	L4+00S325E		18	142	
S8308088	L4+00S350E		27	112	
S8308089	L4+00S375E		15	84	
S8308090	L4+00S400E		12	107	
S8308091	L4+00S425E		13	106	
S8308092	L4+00S450E		17	121	
S8308093	L4+00S475E		20	53	
S8308094	L4+00S500E		14	79	
S8308095	L4+00S525E		14	58	
S8308096	L4+00S550E		27	73	
S8308097	L4+00S575E		18	234	
S8308098	L4+00S600E		7	43	
S8308099	L4+00S625E		13	41	
S8308100	L4+00S650E		14	39	
S8308101	L4+00S675E		7	12	
S8308102	L4+00S700E		9	26	
S8308103	L5+00S0E		43	88	
S8308104	L5+00S25E		16	223	
S8308105	L5+00S50E		13	83	
S8308106	L5+00S75E		41	454	
S8308107	L5+00S100E		18	101	
S8308108	L5+00S125E		26	82	
S8308109	L5+00S150E		14	76	
S8308110	L5+00S175E		11	44	
S8308111	L5+00S200E		15	43	
S8308112	L5+00S225E		15	71	
S8308113	L5+00S250E		10	48	
S8308114	L5+00S275E		10	50	
S8308115	L5+00S300E		12	43	
S8308116	L5+00S325E		22	91	
S8308117	L5+00S350E		14	61	
S8308118	L5+00S375E		8	41	
S8308119	L5+00S400E		44	208	
S8308120	L5+00S425E		40	319	
S8308121	L5+00S450E		18	46	
S8308122	L5+00S475E		< 4	16	
S8308123	L5+00S500E		7	41	
S8308124	L5+00S525E		9	27	
S8308125	L5+00S550E		12	48	
S8308126	L5+00S575E		6	17	
S8308127	L5+00S600E		6	19	
S8308128	L6+00S0E		12	77	
S8308129	L6+00S25E		15	81	
S8308130	L6+00S50E		11	59	
S8308131	L6+00S75E		14	62	
S8308132	L6+00S100E		24	80	
S8308133	L6+00S125E		11	71	
S8308134	L6+00S150E		13	80	
S8308135	L6+00S175E		10	67	
S8308136	L6+00S200E		9	46	
S8308137	L6+00S225E		6	30	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8308138	L6+00S250E		21	134	
S8308139	L6+00S275E		16	93	
S8308140	L6+00S300E		16	98	
S8308141	L6+00S325E		14	127	
S8308142	L6+00S350E		20	125	
S8308143	L6+00S375E		14	61	
S8308144	L6+00S400E		11	48	
S8308145	L6+00S425E		18	65	
S8308146	L6+00S450E		13	70	
S8308147	L6+00S475E		35	119	
S8308148	L6+00S500E		25	165	
S8308149	L6+00S525E		22	145	
S8308150	L6+00S550E		13	51	
S8308151	L6+00S575E		8	26	
S8308152	L6+00S600E		10	41	
S8308153	L7+00S0E		14	142	
S8308154	L7+00S25E		9	44	
S8308155	L7+00S50E		9	37	
S8308156	L7+00S75E		11	46	
S8308157	L7+00S100E		9	43	
S8308158	L7+00S125E		12	47	
S8308159	L7+00S150E		23	66	
S8308160	L7+00S175E		19	121	
S8308161	L7+00S200E		26	79	
S8308162	L7+00S225E		12	64	
S8308163	L7+00S250E		10	83	
S8308164	L7+00S275E		16	33	
S8308165	L7+00S300E		8	49	
S8308166	L7+00S325E		18	44	
S8308167	L7+00S350E		10	50	
S8308168	L7+00S375E		12	94	
S8308169	L7+00S400E		17	69	
S8308170	L7+00S425E		12	111	
S8308171	L7+00S450E		21	105	
S8308172	L7+00S475E		20	74	
S8308173	L7+00S500E		19	58	
S8308174	L7+00S525E		14	60	
S8308175	L7+00S550E		30	148	
S8308176	L7+00S575E		64	569	
S8308177	L7+00S600E		20	84	
S8309155	L-22-N0E		72	549	
S8309156	L-22-N25E		56	280	
S8309157	L-22-N50E		65	294	
S8309158	L-22-N75E		49	770	
S8309159	L-22-N100E		75	1070	
S8309160	L-22-N125E		26	326	
S8309161	L-22-N150E		7	99	
S8309162	L-22-N175E		11	90	
S8309163	L-22-N200E		10	97	
S8309164	L-22-N225E		19	133	
S8309165	L-22-N250E		17	142	
S8309166	L-22-N275E		31	243	
S8309167	L-22-N300E		27	198	
S8309168	L-22-N325E		21	149	
S8309169	L-22-N350E		22	271	
S8309170	L-22-N375E		24	147	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309171	L-22-N400E		17	235	
S8309172	L-22-N425E		19	141	
S8309173	L-22-N450E		28	251	
S8309174	L-22-N475E		33	251	
S8309175	L-22-N500E		21	151	
S8309176	L-22-N525E		52	508	
S8309177	L-22-N550E		46	425	
S8309178	L-22-N575E		31	345	
S8309179	L-22-N600E		7	91	
S8309180	L-22-N25W		20	92	
S8309181	L-22-N50W		29	108	
S8309182	L-22-N75W		11	47	
S8309183	L-22-N100W		384	394	
S8309184	L-21-N0E		23	2500	
S8309185	L-21-N25E		15	143	
S8309186	L-21-N50E		24	303	
S8309187	L-21-N75E		14	607	
S8309188	L-21-N100E		28	3920	
S8309189	L-21-N125E		8	99	
S8309190	L-21-N150E	<	4	29	
S8309191	L-21-N175E	<	4	38	
S8309192	L-21-N200E		6	108	
S8309193	L-21-N225E		11	87	
S8309194	L-21-N250E		10	2130	
S8309195	L-21-N275E		20	202	
S8309196	L-21-N300E		19	94	
S8309197	L-21-N325E		5	96	
S8309198	L-21-N350E		12	140	
S8309199	L-21-N375E		22	174	
S8309200	L-21-N400E		20	130	
S8309201	L-21-N425E		11	78	
S8309202	L-21-N450E		8	77	
S8309203	L-21-N475E		11	112	
S8309204	L-21-N500E		10	127	
S8309205	L-21-N525E		10	66	
S8309206	L-21-N550E		17	155	
S8309207	L-21-N575E		29	203	
S8309208	L-21-N600E		18	116	
S8309209	L-21-N25W		21	335	
S8309210	L-21-N50W		8	61	
S8309211	L-21-N75W		31	131	
S8309212	L-21-N100W		14	93	
S8309213	L-23-N0E		20	750	
S8309214	L-23-N25E		26	159	
S8309215	L-23-N50E		20	73	
S8309216	L-23-N75E		1990	5700	
S8309217	L-23-N100E		101	1970	
S8309218	L-23-N125E		92	532	
S8309219	L-23-N150E		340 E	11600	
S8309220	L-23-N175E		63	1690	
S8309221	L-23-N200E		40	240	
S8309222	L-23-N225E		25	312	
S8309223	L-23-N250E		34	236	
S8309224	L-23-N275E		21	135	
S8309225	L-23-N300E		30	190	
S8309226	L-23-N325E		26	153	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309227	L-23-N350E		10	75	
S8309228	L-23-N375E		27	194	
S8309229	L-23-N400E		17	134	
S8309230	L-23-N425E		22	137	
S8309231	L-23-N450E		36	140	
S8309232	L-23-N475E		28	232	
S8309233	L-23-N500E		46	274	
S8309234	L-23-N525E		17	190	
S8309235	L-23-N550E		12	83	
S8309236	L-23-N575E		7	61	
S8309237	L-23-N600E		7	67	
S8309238	L-23-N25W		21	176	
S8309239	L-23-N50W		16	61	
S8309240	L-23-N75W		151	477	
S8309241	L-23-N100W		49	340	
S8309242	L-24-N0E		20	32	
S8309243	L-24-N25E		32	168	
S8309244	L-24-N50E		19	132	
S8309245	L-24-N75E		17	53	
S8309246	L-24-N100E		15	72	
S8309247	L-24-N125E		40	146	
S8309248	L-24-N150E		21	180	
S8309249	L-24-N175E		21	261	
S8309250	L-24-N200E		30	357	
S8309251	L-24-N225E		21	99	
S8309252	L-24-N250E		10	81	
S8309253	L-24-N275E		37	89	
S8309254	L-24-N300E		10	105	
S8309255	L-24-N325E		30	161	
S8309256	L-24-N350E		19	94	
S8309257	L-24-N375E		47	182	
S8309258	L-24-N400E		48	189	
S8309259	L-24-N425E		11	45	
S8309260	L-24-N450E		43	224	
S8309261	L-24-N475E		49	237	
S8309262	L-24-N500E		18	145	
S8309263	L-24-N525E		8	96	
S8309264	L-24-N550E		24	176	
S8309265	L-24-N575E		16	145	
S8309266	L-24-N600E		28	120	
S8309267	L-24-N625E		20	96	
S8309268	L-24-N650E		7	37	
S8309269	L-24-N675E		17	92	
S8309270	L-24-N700E		13	53	
S8309271	L-24-N25W		13	63	
S8309272	L-24-N50W		77	372	
S8309273	L-24-N75W		83	251	
S8309274	L-24-N100W		57	205	
S8309275	L-26-N0E		13	530	
S8309276	L-26-N25E		30	279	
S8309277	L-26-N50E		154	1170	
S8309278	L-26-N75E		20	111	
S8309279	L-26-N100E		208	1620	
S8309280	L-26-N125E		24	106	
S8309281	L-26-N150E		16	68	
S8309282	L-26-N175E		44	138	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309283	L-26-N200E		34	144	
S8309284	L-26-N225E		14	63	
S8309285	L-26-N250E		15	83	
S8309286	L-26-N275E		29	91	
S8309287	L-26-N300E		51	181	
S8309288	L-26-N325E		55	222	
S8309289	L-26-N350E		74	408	
S8309290	L-26-N375E		32	162	
S8309291	L-26-N400E		23	116	
S8309292	L-26-N425E		27	138	
S8309293	L-26-N450E		44	214	
S8309294	L-26-N475E		172	680	
S8309295	L-26-N500E		140	503	
S8309296	L-26-N525E		30	222	
S8309297	L-26-N550E		16	94	
S8309298	L-26-N575E		15	107	
S8309299	L-26-N600E		40	207	
S8309300	L-26-N625E		20	173	
S8309301	L-26-N650E		5	53	
S8309302	L-26-N675E	<	4	41	
S8309303	L-26-N700E		17	162	
S8309304	L-26-N725E		6	102	
S8309305	L-26-N750E		10	170	
S8309306	L-26-N775E		7	42	
S8309307	L-26-N800E		12	168	
S8309308	L-26-N25W		6	34	
S8309309	L-26-N50W		12	68	
S8309310	L-26-N75W		10	39	
S8309311	L-26-N100W		12	52	
S8309312	L-25-N0E		30	217	
S8309313	L-25-N25E		18	138	
S8309314	L-25-N50E		46	479	
S8309315	L-25-N75E		106	274	
S8309316	L-25-N100E		18	144	
S8309317	L-25-N125E		19	153	
S8309318	L-25-N150E		8	76	
S8309319	L-25-N175E	<	4	29	
S8309320	L-25-N200E		23	148	
S8309321	L-25-N225E		8	121	
S8309322	L-25-N250E		50	305	
S8309323	L-25-N275E		22	152	
S8309324	L-25-N300E		28	163	
S8309325	L-25-N325E		19	125	
S8309326	L-25-N350E		16	128	
S8309327	L-25-N375E		18	130	
S8309328	L-25-N400E		70	290	
S8309329	L-25-N425E		47	232	
S8309330	L-25-N450E		50	63	
S8309331	L-25-N500E		106	277	
S8309332	L-25-N525E		74	386	
S8309333	L-25-N550E		23	170	
S8309334	L-25-N575E		5	66	
S8309335	L-25-N600E	<	4	41	
S8309336	L-25-N625E		16	105	
S8309337	L-25-N650E		10	99	
S8309338	L-25-N675E		5	68	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309339	L-25-N700E		30	84	
S8309340	L-25-N25W		10	92	
S8309341	L-25-N50W		< 4	14	
S8309342	L-25-N75W		6	28	
S8309343	L-25-N100W		19	63	
S8309344	L-27-N0E		28	48	
S8309345	L-27-N25E		14	78	
S8309346	L-27-N50E		33	101	
S8309347	L-27-N75E		60	194	
S8309348	L-27-N100E		30	127	
S8309349	L-27-N125E		29	119	
S8309350	L-27-N150E		93	261	
S8309351	L-27-N175E		54	157	
S8309352	L-27-N200E		53	244	
S8309353	L-27-N225E		64	229	
S8309354	L-27-N250E		136	474	
S8309355	L-27-N275E		208	1170	
S8309356	L-27-N300E		23	105	
S8309357	L-27-N325E		21	165	
S8309358	L-27-N350E		29	268	
S8309359	L-27-N375E		76	264	
S8309360	L-27-N400E		65	330	
S8309361	L-27-N425E		11	58	
S8309362	L-27-N450E		51	273	
S8309363	L-27-N475E		55	515	
S8309364	L-27-N500E		28	129	
S8309365	L-27-N525E		54	368	
S8309366	L-27-N550E		100	970	
S8309367	L-27-N575E		34	196	
S8309368	L-27-N600E		27	145	
S8309369	L-27-N625E		33	146	
S8309370	L-27-N650E		13	113	
S8309371	L-27-N675E		8	48	
S8309372	L-27-N700E		8	85	
S8309373	L-27-N725E		6	63	
S8309374	L-27-N750E		11	119	
S8309375	L-27-N775E		5	42	
S8309376	L-27-N800E		6	67	
S8309377	L-27-N25W		5	18	
S8309378	L-27-N50W		7	36	
S8309379	L-27-N75W		4	21	
S8309380	L-27-N100W		12	37	
S8309381	L-28-N50W		6	43	
S8309382	L-28-N25W		11	54	
S8309383	L-28-N75W		13	62	
S8309384	L-28-N100W		9	41	
S8309385	L-28-N0E		19	82	
S8309386	L-28-N25E		9	33	
S8309387	L-28-N50E		27	142	
S8309388	L-28-N75E		28	103	
S8309389	L-28-N100E		120	337	
S8309390	L-28-N125E		49	650	
S8309391	L-28-N150E		50	234	
S8309392	L-28-N175E		52	365	
S8309393	L-28-N200E		98	307	
S8309394	L-28-N225E		93	830	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309395	L-28-N250E		52	219	
S8309396	L-28-N275E		63	480	
S8309397	L-28-N300E		68	293	
S8309398	L-28-N325E		34	248	
S8309399	L-28-N350E		50	262	
S8309400	L-28-N375E		118	740	
S8309401	L-28-N400E		28	272	
S8309402	L-28-N425E		69	363	
S8309403	L-28-N450E		19	84	
S8309404	L-28-N475E		12	127	
S8309405	L-28-N500E		21	148	
S8309406	L-28-N525E		43	239	
S8309407	L-28-N550E		33	216	
S8309408	L-28-N575E		34	800	
S8309409	L-28-N600E		18	156	
S8309410	L-28-N625E		11	100	
S8309411	L-28-N650E		34	197	
S8309412	L-28-N675E		14	126	
S8309413	L-28-N700E		8	93	
S8309414	L-28-N725E		10	37	
S8309415	L-28-N750E		4	34	
S8309416	L-28-N775E		15	68	
S8309417	L-28-N800E		15	77	
S8309418	L-29-N0E		76	109	
S8309419	L-29-N25E		31	91	
S8309420	L-29-N50E		30	149	
S8309421	L-29-N75E		63	202	
S8309422	L-29-N100E		54	233	
S8309423	L-29-N125E		47	239	
S8309424	L-29-N150E		100	282	
S8309425	L-29-N175E		20	12	
S8309426	L-29-N200E		36	85	
S8309427	L-29-N225E		28	326	
S8309428	L-29-N250E		37	345	
S8309429	L-29-N275E		17	118	
S8309430	L-29-N300E		12	81	
S8309431	L-29-N325E		7	56	
S8309432	L-29-N350E		7	66	
S8309433	L-29-N375E		13	64	
S8309434	L-29-N400E		79	259	
S8309435	L-29-N425E		20	48	
S8309436	L-29-N450E		15	24	
S8309437	L-29-N475E		12	37	
S8309438	L-29-N500E		32	114	
S8309439	L-29-N525E		101	115	
S8309440	L-29-N550E		14	69	
S8309441	L-29-N575E		32	109	
S8309442	L-29-N600E		8	53	
S8309443	L-29-N625E		31	233	
S8309444	L-29-N650E		40	271	
S8309445	L-29-N675E		49	274	
S8309446	L-29-N700E		7	83	
S8309447	L-29-N725E		10	42	
S8309448	L-29-N750E		18	171	
S8309449	L-29-N25W		29	46	
S8309450	L-29-N50W		51	41	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8309451	L-29-N75W		33	41	
S8309452	L-29-N100W		44	30	
S8309453	L-30-N0E		56	135	
S8309454	L-30-N25E		29	152	
S8309455	L-30-N50E		62	186	
S8309456	L-30-N75E		45	143	
S8309457	L-30-N100E		91	328	
S8309458	L-30-N125E		46	201	
S8309459	L-30-N150E		109	1040	
S8309460	L-30-N175E		34	303	
S8309461	L-30-N200E		23	189	
S8309462	L-30-N225E		34	118	
S8309463	L-30-N250E		6	84	
S8309464	L-30-N275E		14	100	
S8309465	L-30-N300E		16	126	
S8309466	L-30-N325E		16	64	
S8309467	L-30-N350E		12	92	
S8309468	L-30-N375E		14	88	
S8309469	L-30-N400E		22	65	
S8309470	L-30-N425E		38	149	
S8309471	L-30-N450E		56	55	
S8309472	L-30-N475E		12	40	
S8309473	L-30-N500E		7	35	
S8309474	L-30-N525E		4	36	
S8309475	L-30-N550E		13	65	
S8309476	L-30-N575E		19	60	
S8309477	L-30-N600E		25	150	
S8309478	L-30-N625E		40	406	
S8309479	L-30-N650E		20	44	
S8309480	L-30-N675E		6	33	
S8309481	L-30-N700E		12	34	
S8309482	L-30-N25W		48	83	
S8309483	L-30-N50W		29	61	
S8309484	L-30-N75W		27	66	
S8309485	L-30-N100W		41	19	
S8309486	L-30-N125W		27	30	
S8309487	L-30-N150W		12	12	
S8309488	L-30-N175W		20	14	
S8309489	L-30-N200W		11	13	
S8310836	L39N 5+25W		6	43	829
S8310837	L36N 5+25E		29	121	2625
S8310838	L39N 5+50E		16	145	934
S8310839	L36N 4+25E		12	55	749
S8310840	L36N 4+50E		23	73	732
S8310841	3800N 5+25W		14	71	1021
S8310842	3800N 525E		10	102	849
S8310843	EL46		25	332	993
S8310844	L46N 5+25W		34	154	818
S8310845	4600N 550W		12	163	695
S8310846	L37N 1+25E		50	5060	1059
S8310847	L37N 1+00E		24	710	1977
S8310848	L37N 0+75E		52	6700	2659
S8310849	L37N 050E		35	3430	1562
S8310850	L37N 0+25E		52	2380	1946
S8310851	L37N BL		63	3750	1130
S8310852	L37N 0+25W		34	780	915

LAB NO	FIELD NO	UTM COORDINATES			Pb PPM	Zn PPM	Ba PPM
S8310853	L37N 0+50W				19	506	826
S8310854	L37N 0+75W				18	223	813
S8310855	L37N 1+00W				18	130	1761
S8310856	L37N 1+25W				11	10	2325
S8310857	L37N 1+50W				32	187	1319
S8310858	L37N 1+75W				21	112	1139
S8310859	L37N 2+00W				24	108	930
S8310860		-1	+120	+3650	41	432	1368
S8310861		-1	+110	+3650	12	535	1344
S8310862		-1	+100	+3650	27	1340	1233
S8310863		-1	+90	+3650	42	3070	1634
S8310864		-1	+80	+3650	37	2160	1284
S8310865		-1	+70	+3650	38	760	1112
S8310866		-1	+60	+3650	67	990	1123
S8310867		-1	+50	+3650	259	1160	1200
S8310868		-1	+40	+3650	90	920	2315
S8310869		-1	+30	+3650	107	880	1465
S8310870		-1	+20	+3650	90	2960	1162
S8310871		-1	+10	+3650	69	5070	1159
S8310872		-1	+0	+3650	113	5460	1083
S8310873		-1	-10	+3650	75	9200	897
S8310874		-1	-20	+3650	41	2310	1019
S8310875		-1	-30	+3650	15	770	983
S8310876		-1	-40	+3650	16	850	1051
S8310877		-1	-50	+3650	42	5570	1926
S8310878		-1	-60	+3650	134	2770	3337
S8310879		-1	-70	+3650	12	1070	806
S8310880		-1	-80	+3650	18	249	911
S8310881		-1	-90	+3650	19	70	812
S8310882		-1	-100	+3650	18	99	1632
S8310883		-1	-110	+3650	11	98	1506
S8310884		-1	-120	+3650	18	19	1447
S8310885		-1	-130	+3650	19	9	1472
S8310886		-1	-140	+3650	18	22	2031
S8310887		-1	-150	+3650	23	9	1865
S8310888		-1	-160	+3650	19	17	1947
S8310889		-1	-170	+3650	20	36	1801
S8310890		-1	-180	+3650	20	110	1616
S8310891	L38+50N 0+75E				13	61	1009
S8310892	L38+50N 0+50E				4	41	763
S8310893	L38+50N 0+25E				84	654	1383
S8310894	L38+50N BL				23	278	895
S8310895	L38+50N 0+25W				49	760	1067
S8310896	L38+50N 0+50W				0	1050	950
S8310897	L38+50N 0+75W				37	185	872
S8310898	L38+50N 1+00W				82	236	1158
S8310899	L38+50N 1+25W				19	96	855
S8310900	L38+50N 1+50W				29	72	980
S8310901	L38+50N 1+75W				134	265	1333
S8310902	L38+50N 2+00W				23	360	784
S8310903	L38+50N 2+25W				19	140	790
S8310904	L38+50N 2+50W				12	315	623
S8310905	L38+50N 2+75W				31	179	848
S8310906		-1	+0	+3775	148	439	1804
S8310907		-1	+25	+3775	514	970	2263
S8310908		-1	+50	+3775	842	1870	7432

LAB NO	FIELD NO	UTM COORDINATES			Pb PPM	Zn PPM	Ba PPM
S8310909		-1	+75	+3775	30	362	1097
S8310910	L40+50N2W				121	198	1082
S8310911	L40+50N 2+10W				124	162	1352
S8310912	L40+50N 2+20W				120	192	1194
S8310913	L40+50N 2+30W				114	185	1221
S8310914	L40+50N 2+40W				220	252	1686
S8310915	L40+50N 2+50W				61	82	1264
S8310916	L40+50N 2+60W				33	87	1171
S8310917	L40+50N 2+70W				6	49	714
S8310918	L40+50N 2+80W				84	164	1320
S8310919	L40+50N 2+90W				14	81	728
S8310920	L40+50N 3+00W				20	89	711
S8310921	L40+50N 3+10W				67	194	809
S8310922	L40+50N 3+20W				18	180	689
S8310923	L40+50N 3+30W				12	65	739
S8310924	L40+50N 3+40W				17	105	851
S8310925	L40+50N 3+50W				11	94	759
S8310926	L39+50N 2+00W				200	200	1473
S8310927	L39+50N 2+10W				82	100	1540
S8310928	L39+50N 2+20W				402	243	2000
S8310929	L39+50N 2+30W				184	132	1742
S8310930	L39+50N 2+40W				651	173	1519
S8310931	L39+50N 2+50W				72	130	1353
S8310932	L39+50N 2+60W				62	157	1101
S8310933	L39+50N 2+70W				42	46	1188
S8310934	L39+50N 2+80W				8	42	920
S8310935	L39+50N 2+90W				19	102	925
S8310936	L39+50N 3+00W				5	64	810
S8316497	ET62				37	716	3018
S8316498	EL72				20	151	1505
S8316499	ET55				26	310	1083
S8316500	ET56				50	179	1167
S8316501	EL77				18	147	1170
S8316502	EL71				52	187	1838
S8316503	EL52				130	2330	4075
S8316504	EL66				41	263	1803
S8316505	ET57				37	254	1029
S8316506	EL75				23	201	1602
S8316507	EL80				34	250	936
S8316508	ET89				19	112	708
S8316509	EL68				37	252	2285
S8316510	ET59				33	826	913
S8316511	EL70				32	38	2110
S8316512	EL79				17	109	995
S8316513	ET90				23	186	776
S8316514	ET88				16	90	594
S8316515	EL82				18	145	921
S8316516	ET60				36	920	2608
S8316517	EL67				35	219	2147
S8316518	ET93				23	238	708
S8316519	ET96				61	460	1271
S8316520	ET99				54	461	1579
S8316521	ET100				64	770	1307
S8316522	ET92				30	227	1036
S8316523	EL81				27	219	910
S8316524	ET97				35	323	1600

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8316525	EL69		37	83	1987
S8316526	EL74		25	261	5997
S8316527	EL73		38	201	3366
S8316528	ET91		40	286	1339
S8316529	EL78		24	212	772
S8316530	EL94		49	172	985
S8316531	EL85		18	137	1078
S8316532	EL76		30	425	1082
S8316533	EL54		39	1290	3126
S8316534	ET58		36	790	2513
S8316535	EL63		56	3630	1427
S8316536	EL53		98	4530	4133
S8316537	31+25NBL		32	349	819
S8316538	31+50NBL		66	415	839
S8316539	31+75NBL		62	532	892
S8316540	32+25NBL		51	469	917
S8316541	32+50NBL		78	356	982
S8316542	32+75NBL		36	352	1005
S8316543	33+25NBL		21	395	762
S8316544	33+50NBL		46	298	1496
S8316545	33+75NBL		36	558	962
S8316546	34+25NBL		61	800	866
S8316547	34+50NBL		24	497	874
S8316548	34+75NBL		63	1030	993
S8316549	35+25NBL		62	576	840
S8316550	35+50NBL		30	379	845
S8316551	35+75NBL		65	1820	1052
S8316552	36+25NBL		25	462	997
S8316553	36+75NBL		82	5420	1179
S8316554	37+25NBL		29	2140	1003
S8316555	38+25NBL		13	196	958
S8316556	38+75NBL		35	170	972
S8316557	39+25NBL		34	394	943
S8316558	39+50NBL		47	820	1130
S8316559	39+75NBL		22	186	1114
S8316560	40+25NBL		9	91	743
S8316561	40+50NBL		32	483	1035
S8316562	40+75NBL		54	520	985
S8316563	41+25NBL		36	292	925
S8316564	41+50NBL		65	1670	1200
S8316565	41+75NBL		4	34	756
S8316566	42+25NBL		17	213	983
S8316567	42+50NBL		11	146	867
S8316568	42+75NBL		10	102	803
S8318027	L2S 25EB		30	96	932
S8318028	45N 5+50E		36	305	1344
S8318029	45N 5+25E		42	227	1873
S8318030	ET125		54	620	1393
S8318031	ET126		14	82	587
S8318032	ET127		28	279	1067
S8318033	7+25S BL		115	61	
S8318034	7+50S BL		19	92	
S8318035	7+75S BL		48	63	
S8318036	8+00S BL		26	44	
S8318037	8+25S BL		13	65	
S8318038	7+00S 25W		27	730	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8318039	7+00S 50W		9	41	
S8318040	7+00S 75W		10	28	
S8318041	7+00S 1W		8	45	
S8318042	7+00S 1+25W		10	31	
S8318043	7+00S 1+50W		13	39	
S8318044	7+00S 1+75W		9	37	
S8318045	7+00S 2W		9	34	
S8318046	6+00S 25W		31	279	
S8318047	6+00S 50W		7	50	
S8318048	6+00S 75W		10	36	
S8318049	6+00S 1W		6	41	
S8318050	6+00S 1+25W		8	34	
S8318051	6+00S 1+50W		17	35	
S8318052	6+00S 1+75W		9	38	
S8318053	6+00S 2W		20	47	
S8318054	2+00S 25W		33	97	
S8318055	2+00S 50W		118	34	
S8318056	2+00S 75W		24	46	
S8318057	2+00S 1W		46	58	
S8318058	2+00S 1+25W		148	26	
S8318059	2+00S 1+50W		16	43	
S8318060	2+00S 1+75W		19	42	
S8318061	2+00S 2W		25	64	
S8318062	L3S 25W		71	228	
S8318063	L3S 50W		202	219	
S8318064	L3S-75W		12	47	
S8318065	L3S-100W		43	70	
S8318066	L3S-125W		243	113	
S8318067	L3S-150W		71	118	
S8318068	L3S-175W		11	39	
S8318069	L3S-200W		12	42	
S8318070	L4S-25W		218	580	
S8318071	L4S-50W		98	208	
S8318072	L4S-75W		196	256	
S8318073	L4S-100W		72	72	
S8318074	L4S-125W		969	61	
S8318075	L4S-150W		17	57	
S8318076	L4S-175W		13	39	
S8318077	L4S-200W		12	37	
S8318078	L5S-25W		97	160	
S8318079	L5S-50W		24	74	
S8318080	L5S-75W		12	56	
S8318081	L5S-100W		13	45	
S8318082	L5S-125W		14	54	
S8318083	L5S-150W		9	40	
S8318084	L5S-175W		6	33	
S8318085	L5S-200W		7	34	
S8320327	L100N 8+75E		30	3470	
S8320328	L100N 900E		15	169	
S8320329	L38N 550E		23	124	
S8320330	L38N 575E		13	46	
S8320331	L29N 125E		51	249	
S8320332	L29N 150E		7	31	
S8320333	L23N 1+25W		22	100	
S8320334	L23N 1+50W		17	90	
S8320335	L23N 1+75W		23	82	

LAB NO	FIELD NO	UTM COORDINATES	Pb PPM	Zn PPM	Ba PPM
S8320336	L23N 2+00W		15	139	
S8320337	L22N 1+25W		40	105	
S8320338	L22N 1+50W		9	22	
S8320339	L22N 1+75W	<	4	11	
S8320340	L22N 2+00W		4	8	
S8320341	L24N 1+25W		20	56	
S8320342	L24N 1+50W		16	55	
S8320343	L24N 1+75W	<	4	19	
S8320344	L24N 2+00W	<	4	15	

DEL

HISTOGRAM DATA FOR LEAD

CLASS	LIMITS	*	FREQ	%FREQ	CUM	CUM%
1	LESS THAN	0.61	0	0.0	1014	100.00
2	0.61TO	0.75	0	0.0	1014	100.00
3	0.75TO	0.92	0	0.0	1014	100.00
4	0.92TO	1.12	0	0.0	1014	100.00
5	1.12TO	1.38	0	0.0	1014	100.00
6	1.38TO	1.69	0	0.0	1014	100.00
7	1.69TO	2.07	14	1.4	1014	100.00
8	2.07TO	2.53	0	0.0	1000	98.62
9	2.53TO	3.10	0	0.0	1000	98.62
10	3.10TO	3.79	0	0.0	1000	98.62
11	3.79TO	4.64	5	0.5	1000	98.62
12	4.64TO	5.69	12	1.2	995	98.13
13	5.69TO	6.96	31	3.1	983	96.94
14	6.96TO	8.52	55	5.4	952	93.89
15	8.52TO	10.43	68	6.7	897	88.46
16	10.43TO	12.77	88	8.7	829	81.76
17	12.77TO	15.63	112	11.0	741	73.08
18	15.63TO	19.13	145	14.3	629	62.03
19	19.13TO	23.41	99	9.8	484	47.73
20	23.41TO	28.66	68	6.7	385	37.97
21	28.66TO	35.08	78	7.7	317	31.26
22	35.08TO	42.94	44	4.3	239	23.57
23	42.94TO	52.56	55	5.4	195	19.23
24	52.56TO	64.33	34	3.4	140	13.81
25	64.33TO	78.74	29	2.9	106	10.45
26	78.74TO	96.38	14	1.4	77	7.59
27	96.38TO	117.97	19	1.9	63	6.21
28	117.97TO	144.40	16	1.6	44	4.34
29	144.40TO	176.75	8	0.8	28	2.76
30	176.75TO	216.34	7	0.7	20	1.97
31	216.34TO	264.80	5	0.5	13	1.28
32	264.80TO	324.11	0	0.0	8	0.79
33	324.11TO	396.71	2	0.2	8	0.79
34	396.71TO	485.58	1	0.1	6	0.59
35	485.58TO	594.34	1	0.1	5	0.49
36	MORE THAN	594.34	4	0.4	4	0.00

PPM IN INTERVALS OF .087 LOG (BASE 10)UNITS

THERE ARE 34 REGULAR CLASSES ,AN OVERFLOW AND UNDERFLOW CLASS

THE RANGE CONSIDERED IS 8 STD DEVIATIONS CENTRED ON THE GEOMETRIC MEAN

THE CLASS INTERVAL IS APPROX ONE-QUARTER STD DEVIATION

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

DEL

HISTOGRAM DATA FOR ZINC

CLASS	LIMITS	*	FREQ	%FREQ	CUM	CUM%
1	LESS THAN	0.97	0	0.0	1014	100.00
2	0.97TO	1.27	0	0.0	1014	100.00
3	1.27TO	1.66	0	0.0	1014	100.00
4	1.66TO	2.18	0	0.0	1014	100.00
5	2.18TO	2.86	0	0.0	1014	100.00
6	2.86TO	3.75	0	0.0	1014	100.00
7	3.75TO	4.91	0	0.0	1014	100.00
8	4.91TO	6.44	0	0.0	1014	100.00
9	6.44TO	8.44	7	0.7	1014	100.00
10	8.44TO	11.06	13	1.3	1007	99.31
11	11.06TO	14.49	12	1.2	994	98.03
12	14.49TO	18.99	18	1.8	982	96.84
13	18.99TO	24.88	27	2.7	964	95.07
14	24.88TO	32.61	33	3.3	937	92.41
15	32.61TO	42.73	85	8.4	904	89.15
16	42.73TO	56.00	107	10.6	819	80.77
17	56.00TO	73.38	98	9.7	712	70.22
18	73.38TO	96.16	103	10.2	614	60.55
19	96.16TO	126.01	95	9.4	511	50.39
20	126.01TO	165.12	92	9.1	416	41.03
21	165.12TO	216.37	72	7.1	324	31.95
22	216.37TO	283.53	76	7.5	252	24.85
23	283.53TO	371.54	45	4.4	176	17.36
24	371.54TO	486.86	30	3.0	131	12.92
25	486.86TO	637.97	20	2.0	101	9.96
26	637.97TO	835.99	27	2.7	81	7.99
27	835.99TO	1095.48	15	1.5	54	5.33
28	1095.48TO	1435.50	6	0.6	39	3.85
29	1435.50TO	1881.06	6	0.6	33	3.25
30	1881.06TO	2464.91	8	0.8	27	2.66
31	2464.91TO	3229.99	4	0.4	19	1.87
32	3229.99TO	4232.53	5	0.5	15	1.48
33	4232.53TO	5546.25	4	0.4	10	0.99
34	5546.25TO	7267.73	4	0.4	6	0.59
35	7267.73TO	9523.53	1	0.1	2	0.20
36	MORE THAN	9523.53	1	0.1	1	0.00

PPM IN INTERVALS OF .117 LOG (BASE 10)UNITS

THERE ARE 34 REGULAR CLASSES ,AN OVERFLOW AND UNDERFLOW CLASS

THE RANGE CONSIDERED IS 8 STD DEVIATIONS CENTRED ON THE GEOMETRIC MEAN

THE CLASS INTERVAL IS APPROX ONE-QUARTER STD DEVIATION

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

DEL

HISTOGRAM DATA FOR BARIUM

CLASS	LIMITS *		FREQ	%FREQ	CUM	CUM%
1	LESS THAN	215.37	0	0.0	179	100.00
2	215.37TO	237.59	0	0.0	179	100.00
3	237.59TO	262.10	0	0.0	179	100.00
4	262.10TO	289.14	0	0.0	179	100.00
5	289.14TO	318.96	0	0.0	179	100.00
6	318.96TO	351.87	0	0.0	179	100.00
7	351.87TO	388.16	0	0.0	179	100.00
8	388.16TO	428.20	0	0.0	179	100.00
9	428.20TO	472.38	0	0.0	179	100.00
10	472.38TO	521.11	0	0.0	179	100.00
11	521.11TO	574.86	0	0.0	179	100.00
12	574.86TO	634.16	3	1.7	179	100.00
13	634.16TO	699.58	2	1.1	176	98.32
14	699.58TO	771.75	13	7.3	174	97.21
15	771.75TO	851.36	20	11.2	161	89.94
16	851.36TO	939.18	21	11.7	141	78.77
17	939.18TO	1036.06	23	12.8	120	67.04
18	1036.06TO	1142.94	18	10.1	97	54.19
19	1142.94TO	1260.84	13	7.3	79	44.13
20	1260.84TO	1390.90	14	7.8	66	36.87
21	1390.90TO	1534.38	10	5.6	52	29.05
22	1534.38TO	1692.66	9	5.0	42	23.46
23	1692.66TO	1867.27	7	3.9	33	18.44
24	1867.27TO	2059.89	8	4.5	26	14.53
25	2059.89TO	2272.38	3	1.7	18	10.06
26	2272.38TO	2506.79	3	1.7	15	8.38
27	2506.79TO	2765.38	4	2.2	12	6.70
28	2765.38TO	3050.64	1	0.6	8	4.47
29	3050.64TO	3365.33	2	1.1	7	3.91
30	3365.33TO	3712.49	1	0.6	5	2.79
31	3712.49TO	4095.45	1	0.6	4	2.23
32	4095.45TO	4517.92	1	0.6	3	1.68
33	4517.92TO	4983.97	0	0.0	2	1.12
34	4983.97TO	5498.09	0	0.0	2	1.12
35	5498.09TO	6065.25	1	0.6	2	1.12
36	MORE THAN	6065.25	1	0.6	1	0.00

PPM IN INTERVALS OF .042 LOG (BASE 10)UNITS

THERE ARE 34 REGULAR CLASSES ,AN OVERFLOW AND UNDERFLOW CLASS

THE RANGE CONSIDERED IS 8 STD DEVIATIONS CENTRED ON THE GEOMETRIC MEAN

THE CLASS INTERVAL IS APPROX ONE-QUARTER STD DEVIATION

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

SUMMARY OF STATISTICS FOR DEL

JOBS V83-4063,4383,4779,6159,6379,7099/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	UNITS	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
LEAD	1014	1990 TO	4 PPM	35.9 (207)	21.1 (124)
ZINC	1014	11600 TO	7 PPM	280.9 (1830)	110.0 (1172)
BARIUM	179	7432 TO	587 PPM	1342.7 (3024)	1200.4 (2834)

IF YOU WISH TO REPLOT THE HISTOGRAM DATA USE ORDINARY ARITHMETIC GRAPH PAPER AND PLOT THE CONC MID-POINTS AT EQUAL SPACINGS ON THE X-AXIS AND FREQUENCY % ON THE Y AXIS

IF YOU WISH TO REPLOT THE CUMULATIVE PLOT USE GRAPH PAPER WITH ARITHMETIC SCALE FOR PPM LOWER LIMITS AND PROBABILITY SCALE FOR CUMULATIVE %

THREE USEFUL REFERENCES :LEPELTIER,C.1969 A SIMPLIFIED STATISTICAL TREATMENT OF GEOCHEMICAL DATA BY GRAPHICAL REPRESENTATION.ECON GEOLOGY 64(5),P538

SINCLAIR,A.J. 1974 SELECTION OF THRESHOLD VALUES IN GEOCHEMICAL DATA USING PROBABILITY GRAPHS.JOURN. GEOCHEM. EXPLORATION 3 ,P129

SINCLAIR,A.J. 1976 APPLICATIONS OF PROBABILITY GRAPHS IN MINERAL EXPLORATION.SPECIAL VOL 4,ASSOCIATION OF EXPL.GEOCHEMISTS,95 P

DEL

LOG TRANSFORM HISTOGRAM FOR LEAD

FREQUENCY (ARITHMETIC SCALE)

SCALER FOR LARGEST CLASS =100

MID-POINT	FREQ%	0 20 40 60 80 100
594.39	0.4	**
537.27	0.1	*
438.95	0.1	*
358.63	0.2	*
293.01	0.0	*
239.40	0.5	**
195.59	0.7	***
159.81	0.8	***
130.57	1.6	******
106.68	1.9	*******
87.17	1.4	*****
71.22	2.9	**********
58.20	3.4	**********
47.56	5.4	**********
38.86	4.3	**********
31.76	7.7	**********
25.95	6.7	**********
21.21	9.8	**********
17.34	14.3	**********
14.17	11.0	**********
11.59	8.7	**********
9.48	6.7	**********
7.75	5.4	**********
6.34	3.1	**********
5.19	1.2	*****
4.25	0.5	**
3.48	0.0	*
2.85	0.0	*
2.34	0.0	*
1.92	1.4	*****
1.57	0.0	*
1.29	0.0	*
1.07	0.0	*
0.88	0.0	*
0.73	0.0	*
0.66	0.0	*

PPM

NOTE :CONC SCALE IS LOGARTTHMTC(INTERVAL=.087),VALUES ARE MID-POINTS OF CLASSES

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
LEAD	1014	(4 TO 1990 ppm	35.9 (207)	21.1 (124)

DEL

LOG TRANSFORM HISTOGRAM FOR ZINC

FREQUENCY (ARITHMETIC SCALE)

SCALED FOR LARGEST CLASS =100

MID-POINT	FREQ%	0 20 40 60 80 100
) 9523.58	0.1	*
8319.57	0.1	*
6348.96	0.4	**
4845.12	0.4	**
3697.48	0.5	***
2821.69	0.4	**
2153.34	0.8	****
1643.29	0.6	***
1254.06	0.6	***
957.03	1.5	********
730.35	2.7	**************
557.37	2.0	**********
425.36	3.0	*****************
324.61	4.4	************************
247.74	7.5	***
189.07	7.1	**************************************
144.29	9.1	**
110.13	9.4	**
84.05	10.2	**
64.15	9.7	***
48.97	10.6	**
37.38	8.4	**
28.54	3.3	******************
21.79	2.7	**************
16.64	1.8	*********
12.71	1.2	******
9.71	1.3	*******
7.42	0.7	****
5.67	0.0	*
4.34	0.0	*
3.32	0.0	*
2.55	0.0	*
1.95	0.0	*
1.50	0.0	*
1.16	0.0	*
(1.02	0.0	*

PPM

NOTE :CONC SCALE IS LOGARITHMIC(INTERVAL=.117),VALUES ARE MID-POINTS OF CLASSES

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
ZINC	1014	7 TO 11600 PPM	280.9 (1830)	110.0 (1172)

DEL

LOG TRANSFORM HISTOGRAM FOR BARIUM

FREQUENCY (ARITHMETIC SCALE)

SCALED FOR LARGEST CLASS =100

MID-POINT	FREQ%	0 20 40 60 80 100
) 6065.30	0.6	***
5774.76	0.6	***
5234.77	0.0	*
4745.28	0.0	*
4301.55	0.6	***
3899.32	0.6	***
3534.70	0.6	***
3204.18	1.1	*****
2904.56	0.6	***
2632.96	2.2	**********
2386.76	1.7	*******
2163.58	1.7	*******
1961.27	4.5	********************
1777.87	3.9	*****************
1611.63	5.0	**********************
1460.93	5.6	************************
1324.32	7.8	**********************************
1200.49	7.3	********************************
1088.24	10.1	***
986.48	12.8	**
894.24	11.7	***
810.62	11.2	***
734.83	7.3	********************************
666.12	1.1	*****
603.83	1.7	*******
547.37	0.0	*
496.19	0.0	*
449.80	0.0	*
407.74	0.0	*
369.62	0.0	*
335.06	0.0	*
303.73	0.0	*
275.34	0.0	*
249.59	0.0	*
226.26	0.0	*
(215.42	0.0	*

PPM

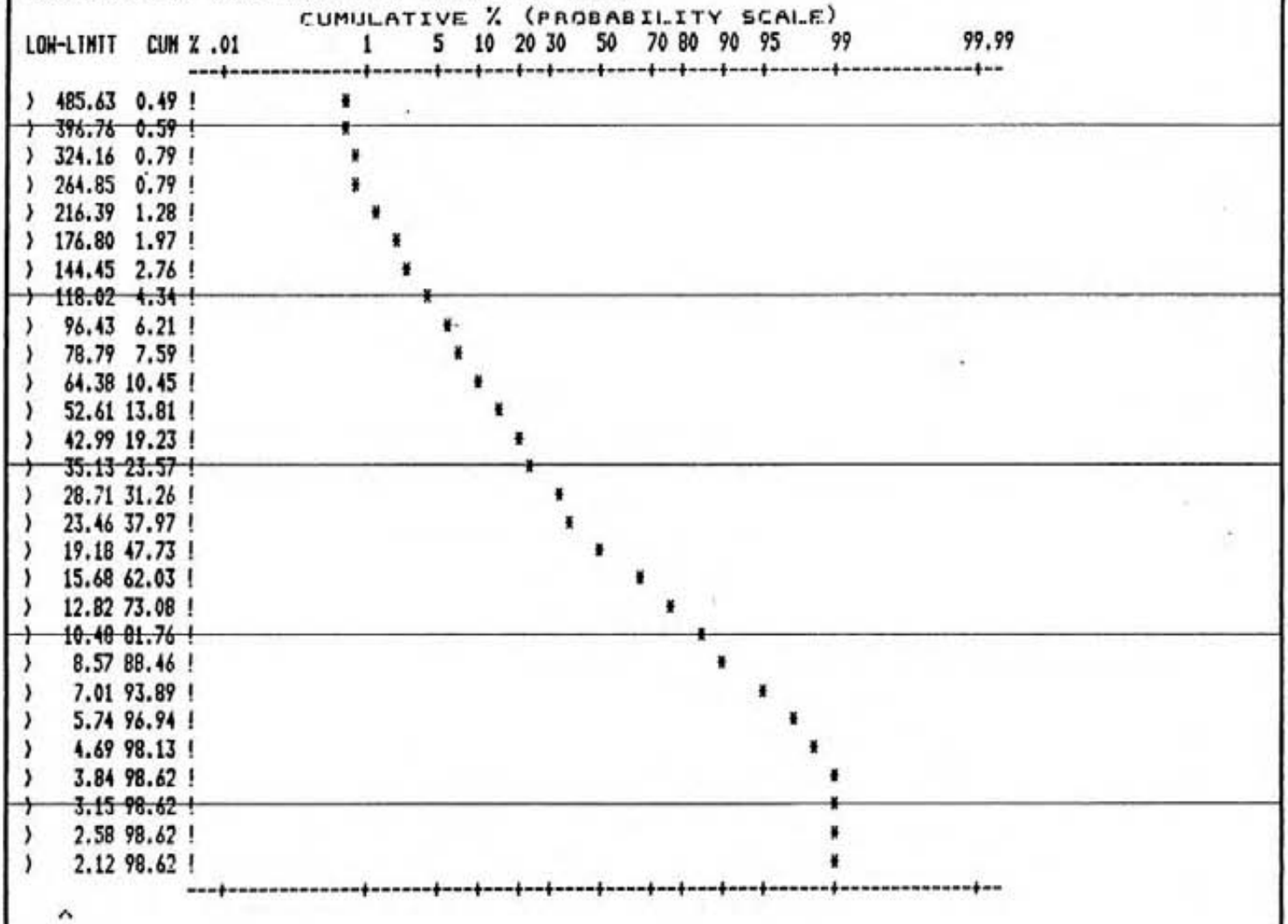
NOTE :CONC SCALE IS LOGARITHMIC(INTERVAL=.042),VALUES ARE MID-POINTS OF CLASSES

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
BARIUM	179	587 TO 7432 PPM	1342.7 (3024)	1200.4 (2834)

DEL

CUMULATIVE PROBABILITY PLOT FOR LEAD



^

PPM

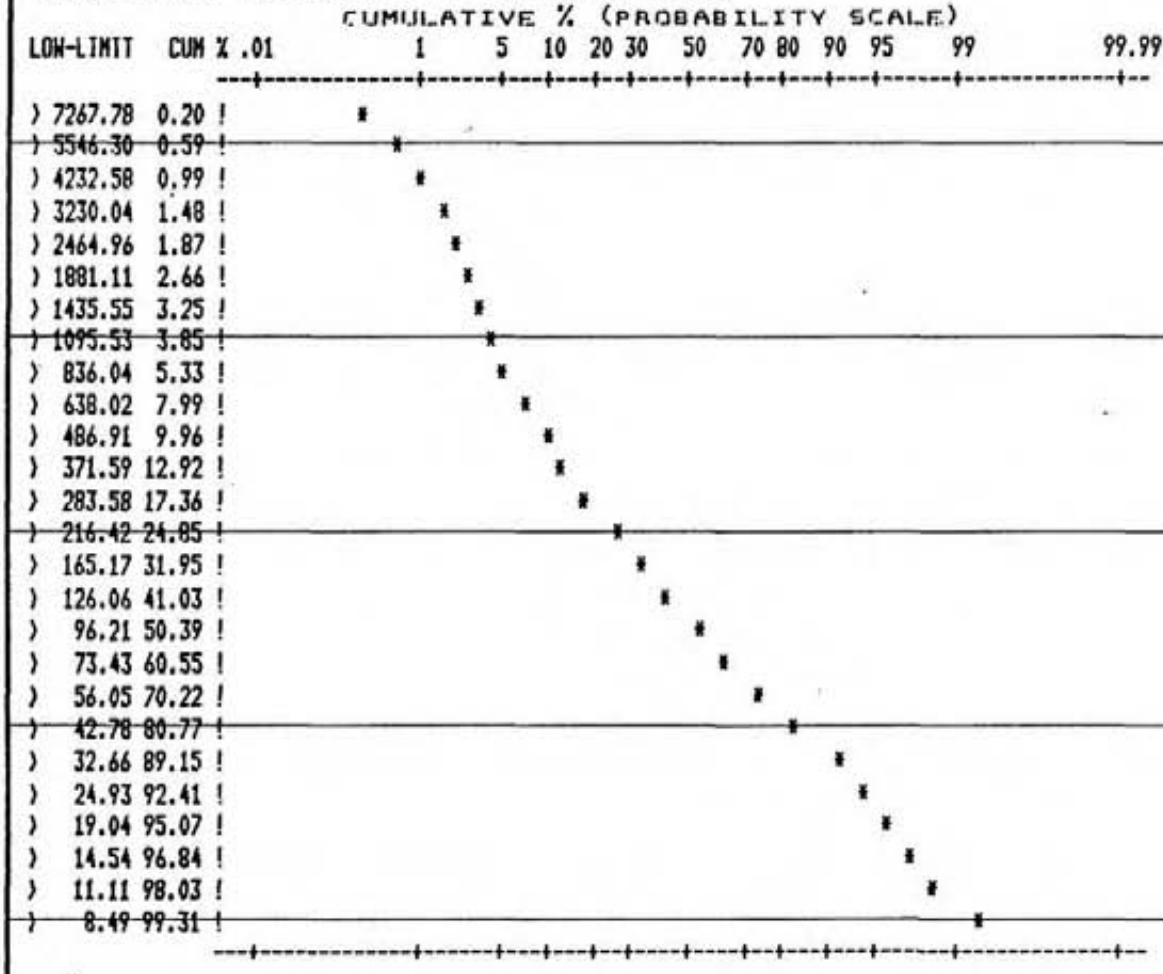
NOTE: CONCENTRATION SCALE IS LOGARITHMIC(INTERVAL=.087),VALUES ARE CLASS LOWER LIMITS

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
LEAD	1014	(4 TO 1990 PPM	35.9 (207)	21.1 (124)

DEL

CUMULATIVE PROBABILITY PLOT FOR ZINC



PPM

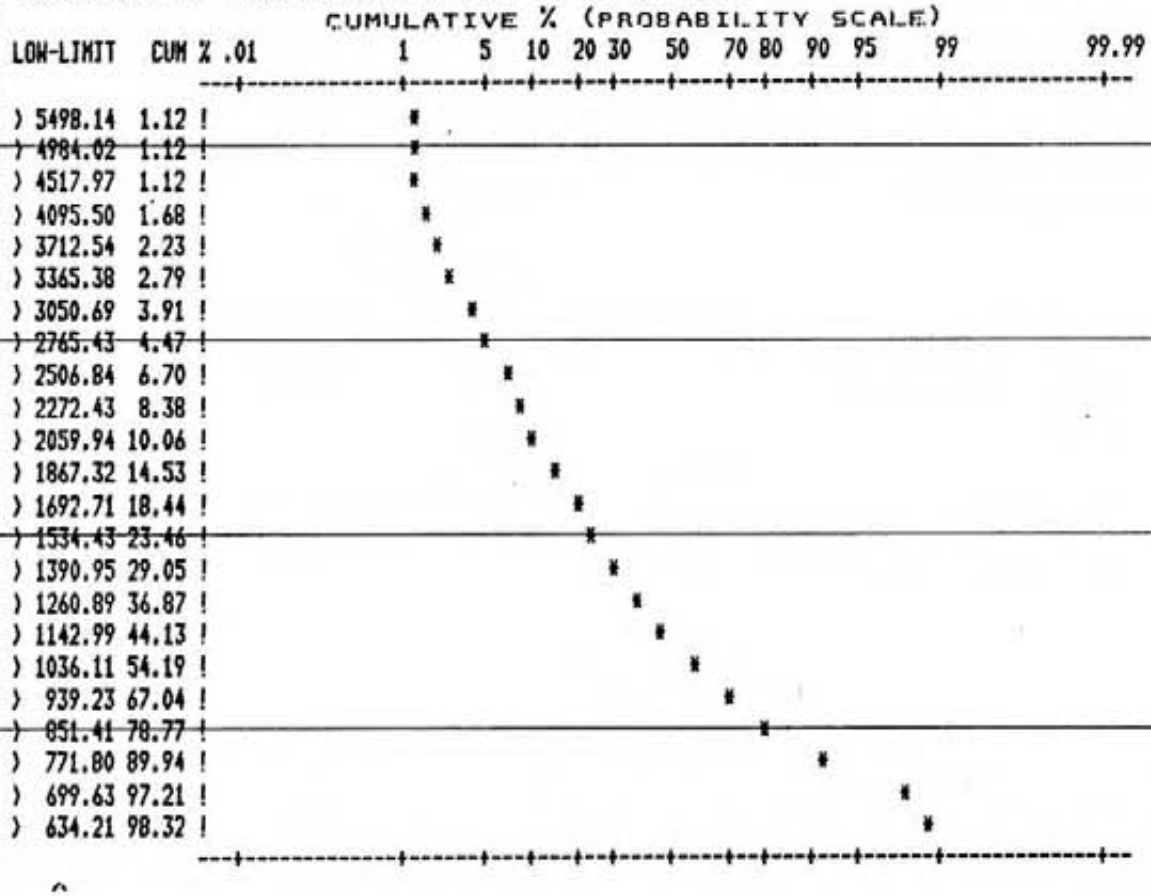
NOTE: CONCENTRATION SCALE IS LOGARITHMIC(INTERVAL=.117),VALUES ARE CLASS LOWER LIMITS

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
ZINC	1014	7 TO 11600 PPM	280.9 (1830)	110.0 (1172)

DEL

CUMULATIVE PROBABILITY PLOT FOR BARIUM



NOTE: CONCENTRATION SCALE IS LOGARITHMIC(INTERVAL=.042),VALUES ARE CLASS LOWER LIMITS

JOBS V83-406S,438S,477S,615S,637S,709S/REQUESTED BY B. MAHER

ELEMENT	NO OF ANALYSES	RANGE	ARITH MEAN (M+2STD DEV)	GEO MEAN (M+2STD DEV)
BARIUM	179	587 TO 7432 PPM	1342.7 (3024)	1200.4 (2834)

CORRELATION MATRICES OF LOG TRANSFORMED DATA

MATRIX WITH INCOMPLETE DATA EXCLUDED

	Pb	Zn	Ba
Pb	1.00	0.48	0.46
Zn	0.48	1.00	0.21
Ba	0.46	0.21	1.00

~~THERE WERE 1014 SAMPLES ,OF WHICH 179 HAD DATA FOR ALL 3 ELEMENTS~~
ONLY SAMPLES WITH DATA FOR ALL ELEMENTS WERE CONSIDERED

MATRIX WITH INCOMPLETE DATA INCLUDED

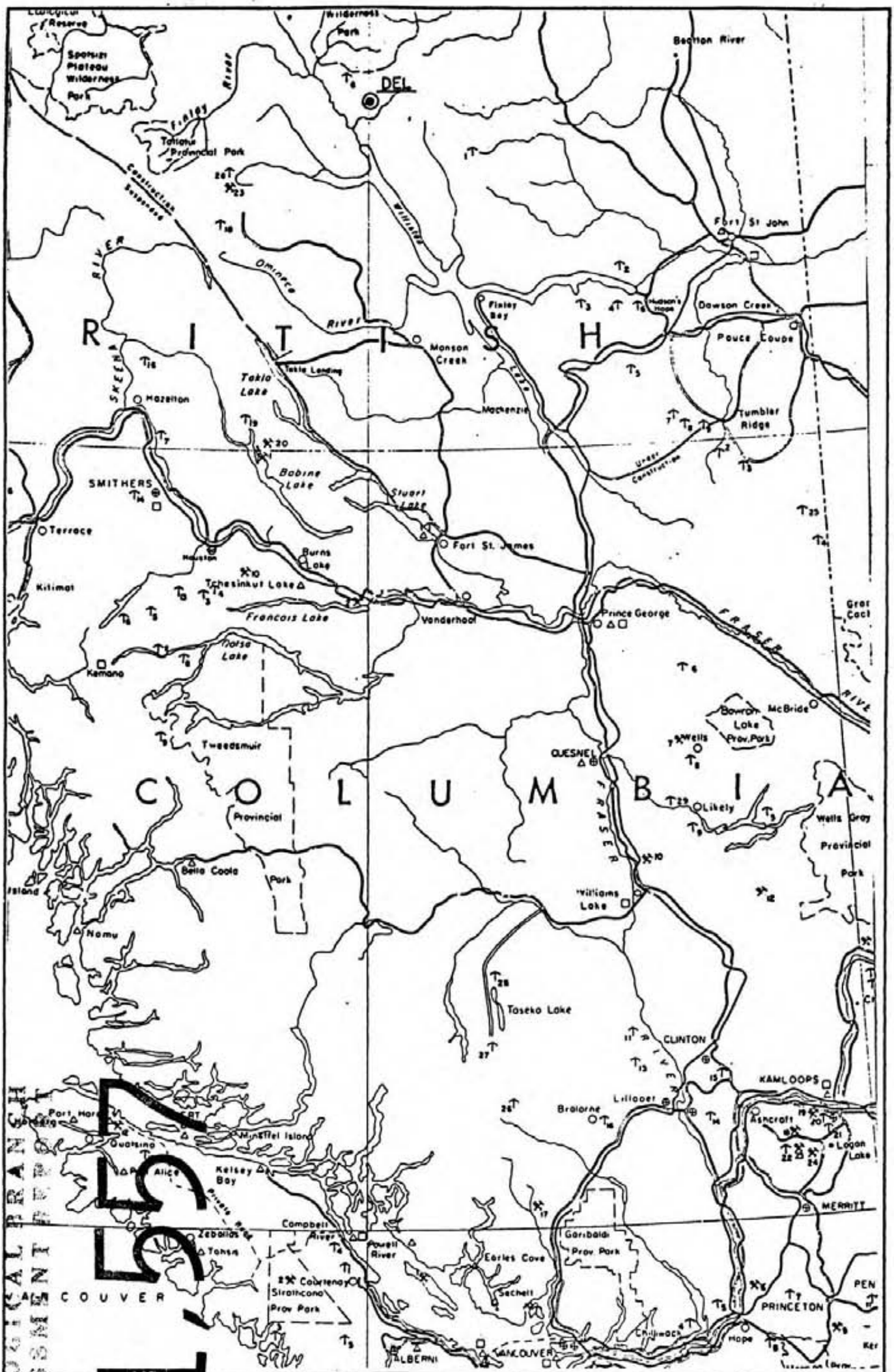
	Pb	Zn	Ba
Pb	1.00	0.63	0.26
Zn	0.63	1.00	0.38
Ba	0.26	0.38	1.00

ALL AVAILABLE DATA FOR EACH SAMPLE WERE USED,EVEN IF SOME ELEMENTS WERE MISSING

NUMBER OF DATA PAIRS FOUND

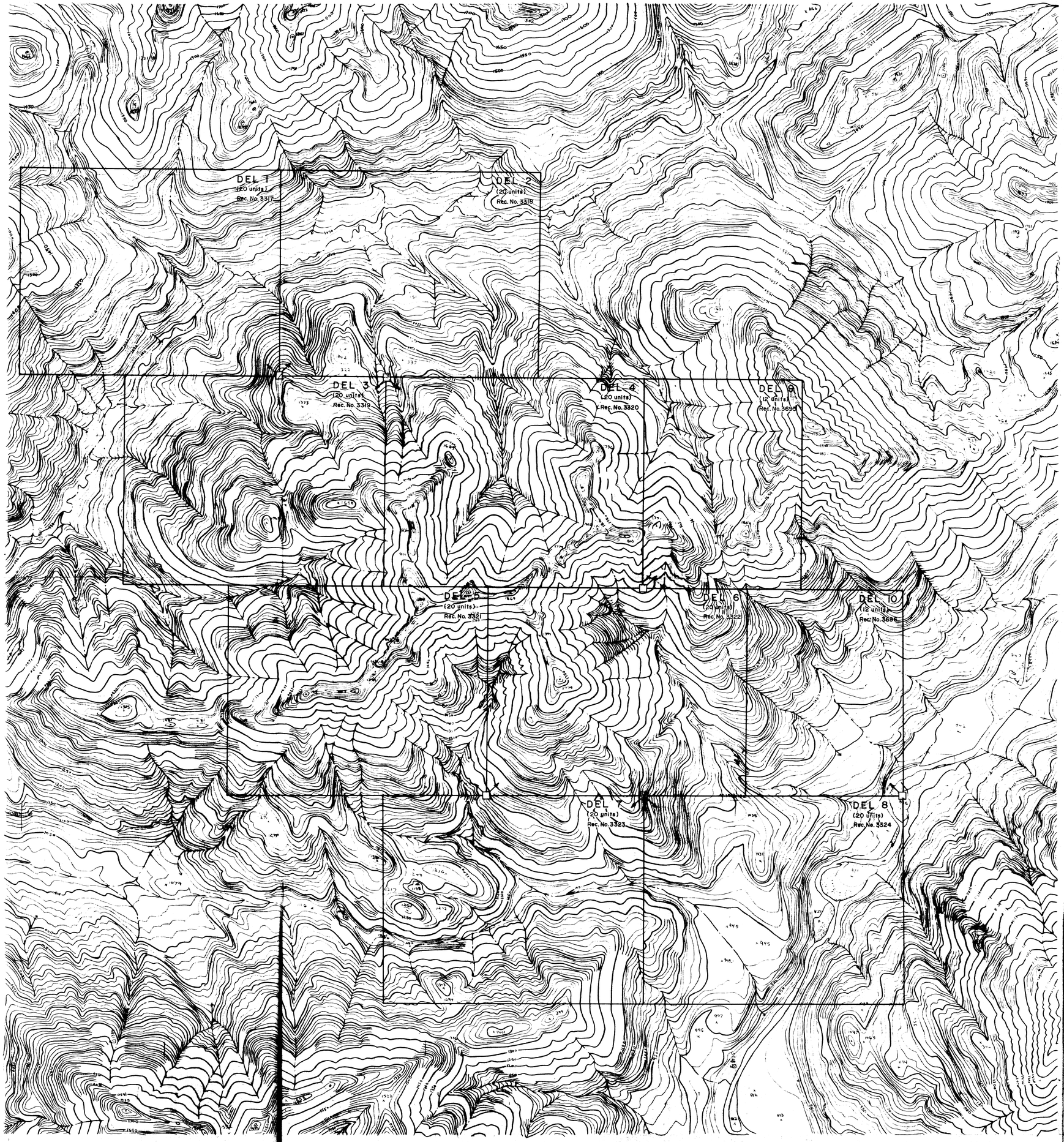
	Pb	Zn	Ba
Pb	1014	1014	179
Zn	0	1014	179
Ba	0	0	179

THESE ARE THE NUMBERS OF SAMPLES WHERE DATA WAS FOUND FOR BOTH ELEMENTS IN EACH PAIR
SEE INCOMPLETE DATA INCLUDED MATRIX ABOVE



NCI - 112A - CL

210-0610



GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,557

SCALE

0 500 1000 1500 m

AIKIE PROPERTIES

94 F/7

Drawn by: K.R.P.		Traced by:	
Revised by	Date	Revised by	Date
K.R.P.	OCT-82		

DEL GROUP
CLAIM MAP
OMINECA M.D., B.C.

Scale: 1:15,000 Date: October, 1981 Plate: 2

NCI-119-C.L.

FORM 210-0080

MAGNETIC 201.5°E

CAMP SITE

GOSSAN

DEL 3 DEL 4 DEL 5 DEL 6 DEL 7 DEL 8 DEL 9 DEL 10

BASE LINE

BASE LINE

EARN GROUP

ROAD RIVER GROUP

KECHIKA GROUP

LEGEND

?	7	Orange weathering, felsic dykes.
DEVONIAN	6	Black to blue grey weathering, laminated siliceous shale, mudstone and barite.
	5	Light grey weathering, medium to thickly bedded limestone and bioclastic limestone debris flows. (Double axial crinoid stems, stromatoporoids and corals.
	4	Orange to brown weathering, creamy-white, vuggy dolomite.
SILURIAN	3	Orange - buff weathering, grey siltstone, minor quartzite and calcarenite (bioturbated).
	3a	Light grey weathering, grey, thin to medium-bedded, silty limestone (Single axial crinoid stems).
	3b	Black to blue grey weathering, black, laminated, siliceous shale, mudstone, and barite (Monograptus hohemicus).
ORDOVICIAN	2	Black-blue weathering, black, siliceous, laminated shale with minor beds of black, silty limestone (Climacograptus, Orthograptus).
CAMBRO-ORDOVICIAN	1	Light grey weathering, grey, nodular, wavy banded limestone and calcareous phyllite.

SYMBOLS

Outcrop

Geological contact

Bedding feature

Fold axis (direction and amount of plunge)

Minor folds

Anticline

Syncline

Fault

Thrust Fault

Claim Boundary (Approximate location)

METRES

0 100 200 300 400 500

AIKIE PROPERTIES

NTS 94 F-6,7

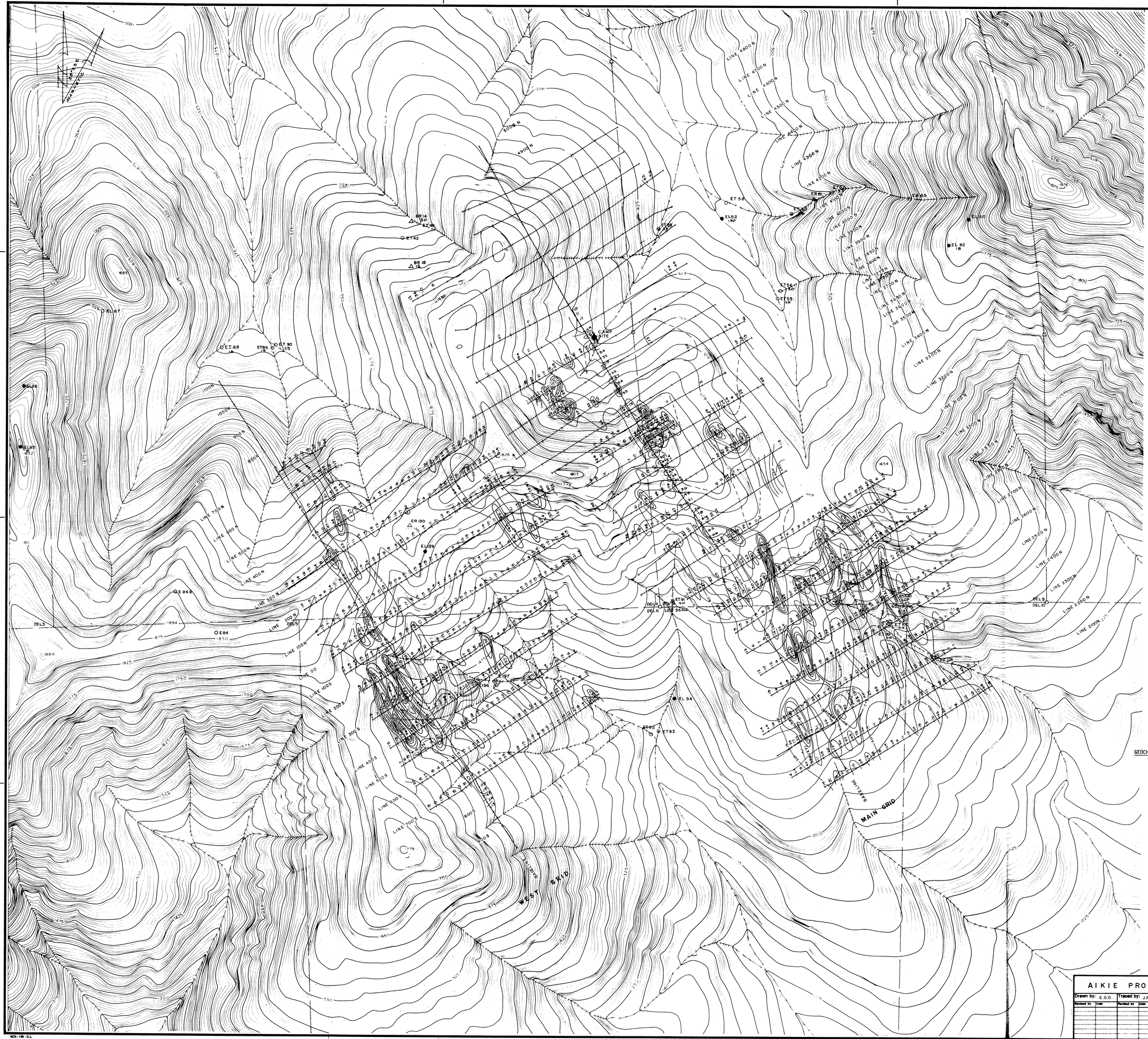
Drawn by: K.R.P.	Traced by:	
Revised by / Date	Revised by / Date	DEL GROUP GEOLOGY

OMINECA M.D., B.C.

Scale: 1: 5,000 | Date: OCT., 1983 | Plate: 3

NCI - 119 - C.L.

FORM 210 - 0880



GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,557

LEAD (Pb) CONTOUR INTERVALS IN :
20,40,60,80, 100,200, 300, 400 ppm

GEOCHEMICAL THRESHOLDS (ppm)

Sample Type	Possibly anomalous			Anomalous		
	Pb	Zn	Ba	Pb	Zn	Ba
Soil	60	900	2000	100	1000	2500
Silt	40	800	1500	70	1000	2000

- CAMP
- BR BENT CRUSH ROCK
- ER ROCK
- ET SILT
- EL
- ED DIRT, SOIL

CREEK
CONTOUR INTERVAL 5m
1983 GEOCHEMICAL GRID
CLAIM BOUNDARY (APPROXIMATE LOCATION)

METRES
0 100 200 300 400 500

AIKIE PROPERTIES

NTS 94F-6,7

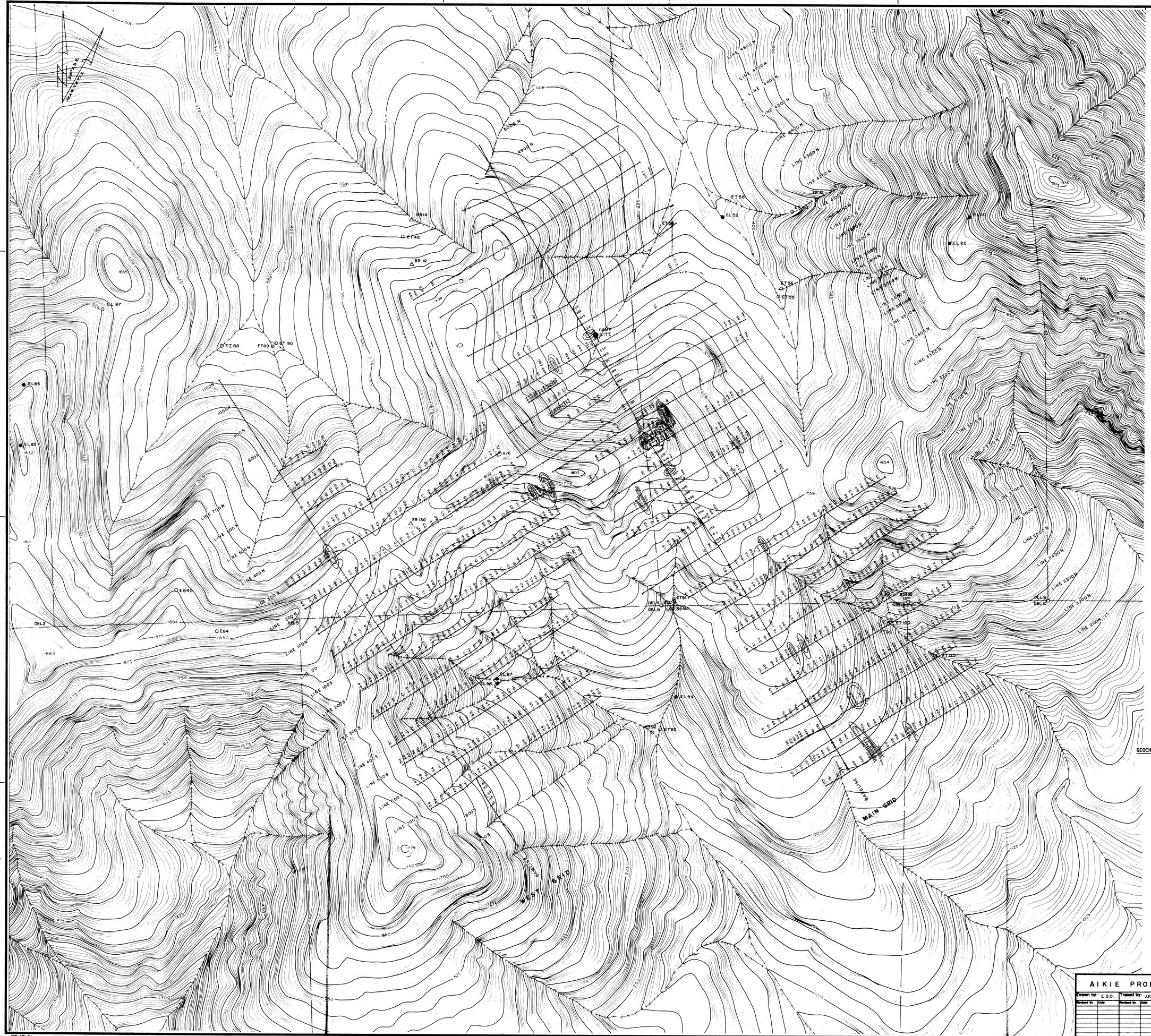
Drawn by: E.G.O.	Traced by: J.P.S.
Revised by / Date	Revised by / Date

DEL GROUP
LEAD (Pb) GEOCHEMISTRY
SOIL, SILT, ROCK SAMPLES
OMINECA M.D., B.C.

Scale: 1:5,000 | Date: OCT., 1983 | Plate: 4

NCI-118-C.L.

FORM 210 : 0660



GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,557

ZINC (Zn) CONTOUR INTERVALS IN:
800, 1000, 3000, 4000, 5000, 6000 ppm

GEOCHEMICAL THRESHOLDS (ppm)

Sample Type	Possibly anomalous			Anomalous		
	Pb	Zn	Ba	Pb	Zn	Ba
Soil	60	900	2000	100	1000	2500
Silt	40	800	1500	70	1000	2000

- CAMP
- BR BENT CRUSH ROCK
- ER ROCK
- ET SILT
- EL
- ED DIRT, SOIL

CREEK
CONTOUR INTERVAL 5m
1983 GEOCHEMICAL GRID
CLAIM BOUNDARY (APPROXIMATE LOCATION)

METRES
0 100 200 300 400 500

AIKIE PROPERTIES

NTS 94F-6,7

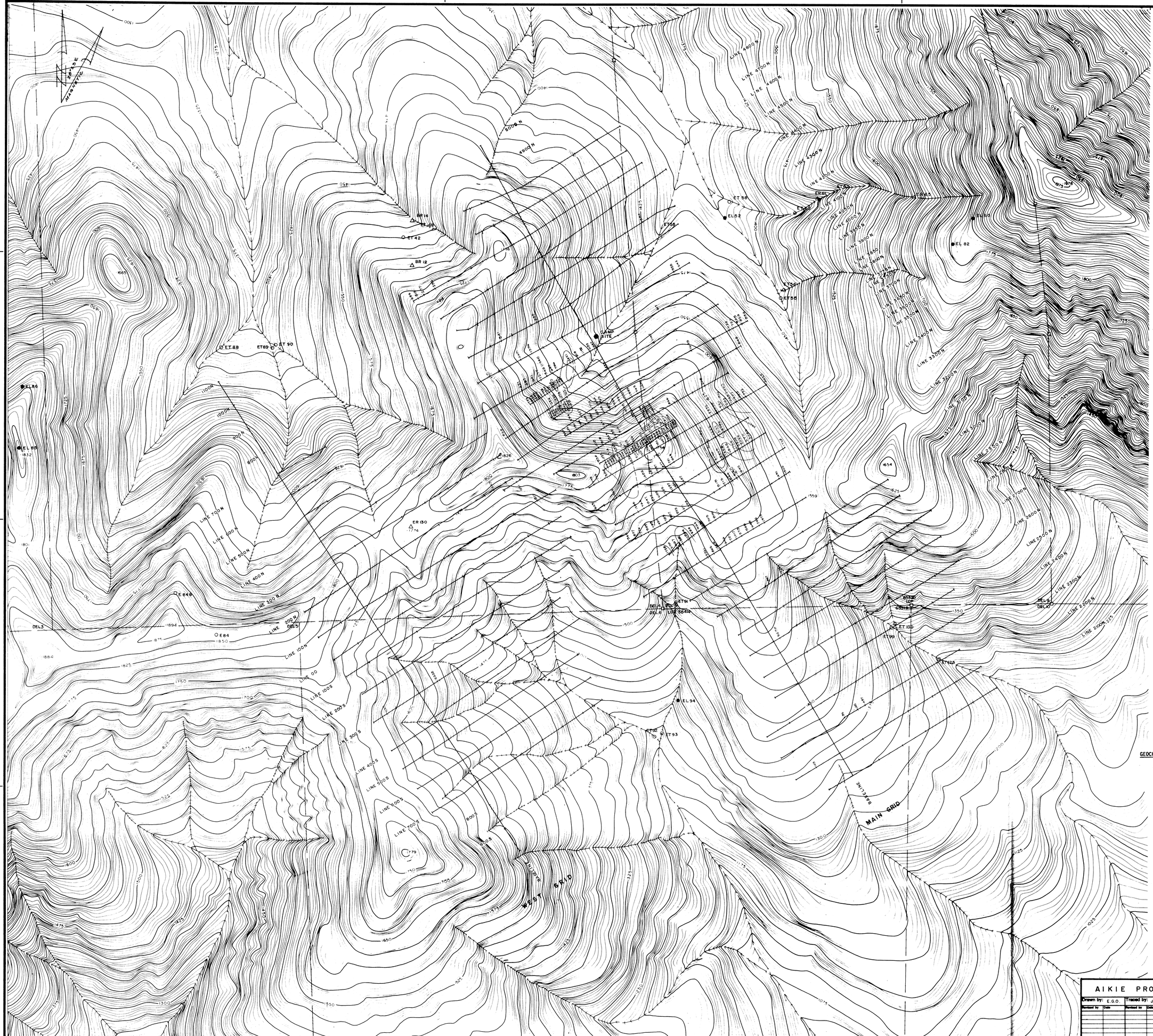
Drawn by: E.G.O.	Traced by: J.P.S.
Revised by / Date	Revised by / Date

DEL GROUP
ZINC (Zn) GEOCHEMISTRY
SOIL, SILT, ROCK SAMPLES
OMINECA M.D., B.C.

Scale: 1:5,000 | Date: OCT., 1983 | Plate: 5

NCI-119-C.L.

FORM 210-0680



GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,557

BARIUM (Ba) CONTOUR INTERVALS IN:
1500, 2500, 5000, 7500, 1000 ppm

GEOCHEMICAL THRESHOLDS (ppm)

Sample Type	Possibly anomalous			Anomalous		
	Pb	Zn	Ba	Pb	Zn	Ba
Soil	60	900	2000	100	1000	2500
Silt	40	800	1500	70	1000	2000

- CAMP
- △ BR BENT CRUSH ROCK
- ▲ ER ROCK
- ○ ET SILT
- ● EL
- × ED DIRT, SOIL

CREEK
CONTOUR INTERVAL 5m
1983 GEOCHEMICAL GRID
CLAIM BOUNDARY (APPROXIMATE LOCATION)

METRES
0 100 200 300 400 500

AIKIE PROPERTIES

NTS 94F-6,7

Drawn by: E.G.O. Traced by: J.P.S.

Revised by	Date	Revised by	Date

DEL GROUP
BARIUM (Ba) GEOCHEMISTRY
SOIL, SILT, ROCK SAMPLES
OMINECA M.D., B.C.

Scale: 1:5,000 Date: OCT., 1983 Plate: 6

NCI-118-CL

FORM 210-0860