

85-986 - 14177

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 94 F-7

ASSESSMENT REPORT

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

DEL GROUP

SITUATED AT: 57°20'N, 125°00'W

OMINECA MINING DIVISION

BRITISH COLUMBIA

WORK PERIOD JULY 28 - AUGUST 3, 1985

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,177**

DECEMBER 1985

D. RHODES

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COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

NTS: 94 F-7

17 December 1985

ROCK GEOCHEMICAL REPORT

ON THE

DEL GROUP

OMINECA MINING DIVISION, B.C.

LIST OF CLAIMS

<u>Claims</u>	<u>Units</u>	<u>Record Nos.</u>	<u>Recording Date</u>
Del 2	20 units	3318	October 10, 1980
Del 4	20 units	3320	" "
Del 5	20 units	3321	" "
Del 6	20 units	3322	" "
Del 7	20 units	3323	" "
Del 8	20 units	3324	" "
Del 9	12 units	3695	April 2, 1981
Del 10	12 units	3696	April 2, 1981

I. INTRODUCTION

Cominco Ltd. undertook rock sampling along six ridge and creek bottom traverses on the Del property in the period July 28 to August 3, 1985. Subsequently the 278 rocks sampled were analyzed for whole rock composition and Pb,Zn,Ba,Hg content. This report documents this program which cost \$18,215.

II. 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.

The property work was conducted out of a fly camp which was mobilized and supplied by (i) wheel equipped aircraft flying into Ingenika strip from Mackenzie 190 km to the south, (ii) a Hughes 500D helicopter operating out of the Sturdee strip flying the 60 km from Ingenika to the property.

### III. GEOLOGY

Geological mapping in 1983 demonstrated that several northwest trending thrust panels expose Cambrian to Devonian stratigraphy of the Kechika Group, Road River Group and Earn Group on the property. Table 1 briefly describes the stratigraphy while Plate 3 shows the geology in plan along with the 1985 rock geochemistry traverses and sample sites.

Two barite-shale horizons have been previously identified with two zones of distinct barite enrichment. The Main Zone is associated with Unit 3 of the Road River Group while the West zone is thought to be associated with Unit 6 of the Earn Group.

### IV. GEOCHEMISTRY

Two hundred and seventy-eight rock samples were collected along six traverses that followed areas of moderate to good outcrop and felsenmeer exposure on ridge tops and in creek bottoms. Sample sites were spaced 40 metres apart along the traverses with two hand-size specimens being taken 5 metres apart at each sample site. (Plate 3).

All of the samples were analysed for lead, zinc, barium and mercury and major elements. The lead and zinc analyses were made by decomposition with aqua regia and subsequent analysis in dilute nitric acid by atomic absorption. Barium was quantitatively determined by XRF. Mercury was determined by dissolution in nitric acid and reduction in stannous chloride. The mercury was washed with an air stream into a silica absorption cell and analyzed with cold vapour atomic absorption. The major elements were determined by lithium borate fusion and XRF.

Appendix D presents the field data and statistics on the rock geochemistry based on the total population collected. From this data one can pick anomalous thresholds for the elements as follows:

Ba - 1000 ppm, Zn - 300 ppm, Pb - 25 ppm, Hg - 50 ppm.

Anomalous Pb, Zn, Ba and Hg values clearly coincide with the known West zone barite and its inferred Devonian host rocks and with the Main Zone Barite and its host - Unit 3A. In addition areas of Ordovician mudstones (Unit 2) also show variable but relatively common anomalous values.

The whole rock compositions identify the different rock units by their relatively distinct compositions ie. high MgO characterizing the dolomitic Silurian siltstones (Unit 3) high CaO and MgO characters the carbonate-rich Kechika Group (Unit 1) and variable high SiO<sub>2</sub> and CaO characterizes the calcareous to siliceous Ordovician mudstones and siltstones (Unit 2).

### V. CONCLUSIONS

Anomalous levels of lead, zinc, barium and mercury are associated with three lithologic units on the Del property: (i) the Ordovician mudstones, (ii) Unit 3b a horizon of shales within the Silurian siltstone that hosts the Main zone

TABLE 1

TABLE OF GEOLOGICAL FORMATIONS

	<u>AGE</u>	<u>UNIT</u>	<u>DESCRIPTION</u>
EARN GROUP	DEVONIAN	7	Orange weathering, felsic dykes.
		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 RIVER GROUP	SILURIAN	4	Orange to brown weathering, creamy-white, vuggy dolomite.
		3	Orange - buff weathering, grey siltstone, minor quartzite and calcarenite (bioturbated).
		3a	Black to blue grey weathering, black, laminated, siliceous shale, mudstone, and barite (Monograptus bohemicus).
		3b	Light grey weathering, grey, thin to medium-bedded, silty limestone (Single axial crinoid stems).
KECHIKA GROUP	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.

barite occurrence, and (iii) the West zone bedded barite occurrence within Devonian strata. Apart from the barium the metal values are only geochemical anomalies. They may represent distal portions of a more enriched sulphide bearing horizon however they may also be simply low grade enrichment of shales over a widespread area. The metal contents are probably sufficient to explain the soil geochemical anomalies on the property.

Reported by: *Derek Rhodes*  
D. Rhodes  
Senior Geologist

Endorsed and  
Approved for  
Release by: *John Hamilton*  
J.M. Hamilton  
Manager, Exploration,  
Western Canada

DR/cgs

VI. REFERENCES

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APPENDIX A

STATEMENT OF EXPENDITURES

DEL CLAIM GROUP

JULY 28 - AUGUST 3, 1985

Salaries:	D. Rhodes	5 days @ \$281.84	\$1,409.20
	C.N. Repp	5 days @ \$ 87.12	435.60
	T.C. McDonald	5 days @ \$ 97.68	488.40
			<u>\$2,333.20</u>
Field Equipment & Supplies			1,574.86
Transportation	Fixed Wing		100.00
	Helicopter and Fuel		1,604.40
	Vehicle		150.00
			<u>1,854.40</u>
Geochemistry	278 rock samples		4,003.20
	Preparation and analysis for Pb,Zn,Hg,Ba		
	@ \$14.40 each		
	278 rock samples		6,950.00
	Analysis for major elements @ \$25.00 each		
Report Preparation and Draughting			<u>1,500.00</u>
			<u>\$18,215.66</u>



APPENDIX B

A F F I D A V I T

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

1. THAT I am employed as a geologist by Cominco Ltd., and as such have a personal knowledge of the facts to which I hereinafter depose;
2. THAT I annexed hereto and marked as Appendix A to this my affidavit is a true copy of expenditures incurred in connection with a geochemical program carried out on the DEL mineral claims:
3. THAT said expenditures were incurred between the twenty-eighth day of July and the third day of August, 1985 for the purpose of mineral exploration on the above noted claims.

Signed: \_\_\_\_\_

*Dereck Rhodes*

Dereck Rhodes

Senior Geologist

APPENDIX C

STATEMENT OF QUALIFICATIONS

I, Dereck Rhodes, of the Municipality of North Vancouver District, 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 in 1969.
3. THAT I have practiced geology with Cominco Ltd. from June 1969 to the present.

Signed: *Dereck Rhodes*

Dereck Rhodes

Senior Geologist

APPENDIX D

GEOCHEMICAL DATA AND STATISTICS

- I) ANALYTICAL DATA
- II) GENERAL STATISTICS
- III) ZN STATISTICAL PLOTS
- IV) BARIUM STATISTICAL PLOTS
- V) LEAD STATISTICAL PLOTS

I) ANALYTICAL DATA

## DEL - AIKIE W.F.

JOB U 85-0323R  
REPORT DATE 26 SEP 1985

DEL

LAB NO	FIELD NUMBER	Pb PPM	Zn PPM	Ba(4) PPM	Hg PPB
R8511083	DEL 1-2A	925	39	20972	250
R8511084	DEL 1-2B	219	547	18513	68
R8511085	DEL 1-3A	66	8330	1217	36
R8511086	DEL 1-3B	22	5080	1026	10
R8511087	DEL 1-5A	18	344	647	<10
R8511088	DEL 1-5B	10	821	799	30
R8511089	DEL 1-6A	34	602	856	32
R8511090	DEL 1-6B	25	1940	842	20
R8511091	DEL 1-7A	137	1170	1486	62
R8511092	DEL 1-7B	48	910	1263	55
R8511093	DEL 1-9A	20	684	563	38
R8511094	DEL 1-9B	14	396	603	33
R8511095	DEL 1-10A	16	517	823	74
R8511096	DEL 1-10B	18	408	1303	68
R8511097	DEL 1-11A	14	199	775	150
R8511098	DEL 1-11B	7	59	637	20
R8511099	DEL 1-24A	7	30	693	32
R8511100	DEL 1-24B	13	17	791	72
R8511101	DEL 1-25A	6	19	646	10
R8511102	DEL 1-25B	6	10	660	20
R8511103	DEL 1-29A	7	11	1389	<10
R8511104	DEL 1-29B	8	8	1639	<10
R8511105	DEL 1-38A	4	18	629	<10
R8511106	DEL 1-38B	7	27	587	30
R8511107	DEL 1-40A	4	17	1818	25
R8511108	DEL 1-40B	5	34	1191	10
R8511109	DEL 1-41A	7	50	885	10
R8511110	DEL 1-41B	14	56	258	38
R8511111	DEL 1-42A	<4	66	1687	30
R8511112	DEL 1-42B	<4	22	430	<10
R8511113	DEL 1-43A	7	24	431	34
R8511114	DEL 1-43B	<4	26	303	90
R8511115	DEL 1-44A	12	27	100	34
R8511116	DEL 1-44B	24	12	508	30
R8511117	DEL 1-45A	<4	25	350	10
R8511118	DEL 1-45B	<4	28	424	<10
R8511119	DEL 1-46A	<4	29	803	<10
R8511120	DEL 1-46B	<4	29	333	<10
R8511121	DEL 1-47A	9	42	906	25
R8511122	DEL 1-47B	6	41	844	<10
R8511123	DEL 1-48A	10	64	1008	<10
R8511124	DEL 1-48B	7	42	787	10
R8511125	DEL 1-49A	4	54	2915	10
R8511126	DEL 1-49B	9	42	692	20
R8511127	DEL 1-50A	6	129	711	10
R8511128	DEL 1-50B	9	20	833	25
R8511129	DEL 1-51A	<4	10	1413	<10
R8511130	DEL 1-51B	4	32	516	10
R8511131	DEL 1-52A	<4	7	730	20
R8511132	DEL 1-52B	<4	4	1550	25
R8511133	DEL 1-53A	6	25	959	30

LAB NO	FIELD NUMBER	Pb PPM	Zn PPM	Ba(4) PPM	Hg PPB
R0511134	DEL 1-53B	6	49	1374	50
R0511135	DEL 1-54A	5	12	14084	100
R0511136	DEL 1-54B	16	92	1004	110
R0511137	DEL 1-54C	7	214	140	80
R0511138	DEL 1-55A	<4	117	362	25
R0511139	DEL 1-55B	6	65	209	28
R0511140	DEL 1-56A	19	15	2018	900
R0511141	DEL 1-56B	11	3	1803	480
R0511142	DEL 1-57A	9	60	1249	110
R0511143	DEL 1-57B	7	8	882	110
R0511144	DEL 1-58A	13	24	1858	99
R0511145	DEL 1-58B	10	13	23987	98
R0511146	DEL 1-59A	15	33	1270	132
R0511147	DEL 1-59B	6	16	1138	65
R0511148	DEL 1-60A	7	93	293	30
R0511149	DEL 1-60B	4	27	283	20
R0511150	DEL 1-61A	4	63	251	30
R0511151	DEL 1-61B	<4	21	285	25
R0511152	DEL 1-62A	11	45	959	20
R0511153	DEL 1-62B	6	18	818	65
R0511154	DEL 1-63A	7	45	1446	46
R0511155	DEL 1-63B	7	51	1387	30
R0511156	DEL 1-63AA	16	220	1432	64
R0511157	DEL 1-63BB	7	21	1943	56
R0511158	DEL 1-64A	21	1100	2560	218
R0511159	DEL 1-64B	9	19	255	<10
R0511160	DEL 1-65A	6	9	1286	160
R0511161	DEL 1-65B	9	14	1645	135
R0511162	DEL 1-66A	21	668	1531	77
R0511163	DEL 1-66B	40	353	2221	305
R0511164	DEL 1-67A	15	160	912	360
R0511165	DEL 1-67B	34	147	2793	550
R0511166	DEL 1-68A	17	241	2038	390
R0511167	DEL 1-68B	<4	25	165	30
R0511168	DEL 1-70A	<4	40	636	25
R0511169		5	55	390	30
R0511170	DEL 1-71A	5	23	314	10
R0511171	DEL 1-71B	7	30	272	10
R0511172	DEL 1-73A	7	183	1447	56
R0511173	DEL 1-73B	9	130	1014	47
R0511174	DEL 1-74A	16	171	725	42
R0511175	DEL 1-74B	8	161	797	32
R0511176	DEL 1-75A	10	23	643	10
R0511177	DEL 1-75B	9	31	623	25
R0511178	DEL 2-3A	11	100	666	92
R0511179	DEL 2-3B	10	46	798	115
R0511180	DEL 2-6A	4	222	440	40
R0511181	DEL 2-6B	7	340	637	55
R0511182	DEL 2-7A	11	157	906	28
R0511183	DEL 2-7B	10	161	2170	55
R0511184	DEL 2-8A	6	565	826	38
R0511185	DEL 2-8B	<4	370	656	13
R0511186	DEL 2-9A	5	76	828	18
R0511187	DEL 2-9B	6	100	641	20

LAD NO	FIELD NUMBER	Pb PPM	Zn PPM	Ba(4) PPM	Hg PPB
R8511188	DEL 2-10A	16	725	377	100
R8511189	DEL 2-10B	4	200	649	13
R8511190	DEL 2-11A	6	1040	656	40
R8511191	DEL 2-11B	11	997	772	50
R8511192	DEL 2-12A	74	3980	645	375
R8511193	DEL 2-12B	14	401	725	46
R8511194	DEL 2-13A	<4	138	493	20
R8511195	DEL 2-13B	7	121	726	50
R8511196	DEL 2-15A	17	284	576	200
R8511197	DEL 2-15B	24	562	160	58
R8511198	DEL 2-16A	<4	57	637	10
R8511199	DEL 2-16B	6	54	621	42
R8511200	DEL 2-19A	<4	96	727	10
R8511201	DEL 2-19B	4	106	627	10
R8511202	DEL 3-1A	6	6	925	30
R8511203	DEL 3-1B	9	10	1025	55
R8511204	DEL 3-2A	<4	3	1239	42
R8511205	DEL 3-2B	7	21	559	60
R8511206	DEL 3-3A	7	11	684	10
R8511207	DEL 3-3B	13	39	744	25
R8511208	DEL 3-4A	5	18	481	30
R8511209	DEL 3-4B	4	18	580	10
R8511210	DEL 3-5A	<4	139	515	10
R8511211	DEL 3-5B	5	19	539	30
R8511212	DEL 3-6A	6	39	540	25
R8511213	DEL 3-6B	9	85	584	50
R8511214	DEL 3-7A	7	14	724	38
R8511215	DEL 3-7B	4	7	580	10
R8511216	DEL 3-8A	4	9	742	20
R8511217	DEL 3-8B	6	10	632	25
R8511218	DEL 3-9A	8	98	374	10
R8511219	DEL 3-9B	8	225	410	25
R8511220	DEL 3-10A	11	34	674	10
R8511221	DEL 3-10B	12	193	784	50
R8511222	DEL 3-11A	7	12	751	<10
R8511223	DEL 3-11B	5	20	750	33
R8511224	DEL 3-12A	6	13	633	10
R8511225	DEL 3-12B	7	25	652	30
R8511226	DEL 3-13A	10	6	762	42
R8511227	DEL 3-13B	7	9	690	50
R8511228	DEL 3-14A	<4	4	475	30
R8511229	DEL 3-14B	16	6	670	100
R8511230	DEL 3-15A	<4	3	421	30
R8511231	DEL 3-15B	6	8	599	50
R8511232	DEL 3-16A	<4	10	94	30
R8511233	DEL 3-16B	10	6	773	74
R8511234	DEL 3-17A	11	7	670	66
R8511235	DEL 3-17B	4	7	571	10
R8511236	DEL 3-18A	18	6	515	97
R8511237	DEL 3-18B	13	5	448	56
R8511238	DEL 3-19A	17	5	725	132
R8511239	DEL 3-19B	10	5	596	77
R8511240	DEL 3-20A	<4	33	465	25
R8511241	DEL 3-20B	5	12	479	30

LAB NO	FIELD NUMBER	Pb PPM	Zn PPM	Ba(4) PPM	Hg PPB
R8511242	DEL 3-21A	10	34	905	10
R8511243	DEL 3-21B	<4	11	570	10
R8511244	DEL 3-22A	13	5	519	32
R8511245	DEL 3-22B	5	7	502	28
R8511246	DEL 3-23A	8	8	588	72
R8511247	DEL 3-23B	7	6	459	28
R8511248	DEL 3-24A	4	13	427	<10
R8511249	DEL 3-24B	7	7	573	<10
R8511250	DEL 3-25A	<4	9	358	10
R8511251	DEL 3-25B	6	11	462	20
R8511252	DEL 3-26A	4	17	220	32
R8511253	DEL 3-26B	<4	20	396	25
R8511254	DEL 3-27A	5	9	391	28
R8511255	DEL 3-27B	6	10	296	63
R8511256	DEL 3-28A	6	45	317	10
R8511257	DEL 3-28B	6	30	317	10
R8511258	DEL 3-29A	6	26	458	13
R8511259	DEL 3-29B	4	16	392	<10
R8511260	DEL 3-30A	4	15	282	10
R8511261	DEL 3-30B	5	34	684	13
R8511262	DEL 3-31A	<4	16	271	10
R8511263	DEL 3-31B	4	32	512	20
R8511264	DEL 3-32A	5	24	133	10
R8511265	DEL 3-32B	<4	18	165	10
R8511266	DEL 3-33A	10	27	315	13
R8511267	DEL 3-33B	6	54	282	10
R8511268	DEL 3-34A	20	19	192	<10
R8511269	DEL 3-34B	5	41	525	13
R8511270	DEL 3-35A	9	71	401	10
R8511271	DEL 3-35B	8	30	603	13
R8511272	DEL 3-36A	<4	12	133	<10
R8511273	DEL 3-36B	5	24	189	10
R8511274	DEL 3-37A	8	9	196	10
R8511275	DEL 3-37B	<4	20	146	<10
R8511276	DEL 3-38A	4	30	291	<10
R8511277	DEL 3-38B	8	20	225	<10
R8511278	DEL 3-39A	5	28	154	<10
R8511279	DEL 3-39B	<4	15	433	10
R8511280	DEL 4-1A	6	38	430	10
R8511281	DEL 4-1B	<4	21	141	10
R8511282	DEL 4-2A	14	28	385	10
R8511283	DEL 4-2B	6	57	473	10
R8511284	DEL 4-5A	<4	72	1493	13
R8511285	DEL 4-5B	<4	20	502	10
R8511286	DEL 4-6A	<4	7	42	<10
R8511287	DEL 4-6B	172	838	28	120
R8511288	DEL 4-7A	31	64	22443	200
R8511289	DEL 4-7B	27	48	31374	620
R8511290	DEL 4-8A	<4	181	235267	150
R8511291	DEL 4-8B	<4	4	3980	215
R8511292	DEL 4-11A	<4	30	1511	25
R8511293	DEL 4-11B	<4	64	779	20
R8511294	DEL 4-13A	7	7	1901	32
R8511295	DEL 4-13B	4	9	1784	25



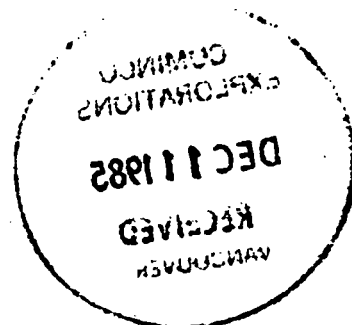
LAB NO	FIELD NUMBER	Pb PPM	Zn PPM	Ba(4) PPM	Hg PPB
R0511296	DEL 5-1A	<4	20	50	13
R0511297	DEL 5-1B	<4	30	61	18
R0511298	DEL 5-2A	4	50	110	20
R0511299	DEL 5-2B	4	139	139	32
R0511300	DEL 5-3A	5	13	123	50
R0511301	DEL 5-3B	217	356	53	130
R0511302	DEL 6-1A	30	86	591	330
R0511303	DEL 6-1B	15	17	619	370
R0511304	DEL 6-2A	53	210	1295	1523
R0511305	DEL 6-2B	55	893	683	900
R0511306	DEL 6-3A	17	95	286	170
R0511307	DEL 6-3B	9	27	220	50
R0511308	DEL 6-4A	8	13	220	32
R0511309	DEL 6-4B	<4	35	118	13
R0511310	DEL 6-5A	13	17	354	32
R0511311	DEL 6-5B	16	13	435	36
R0511312	DEL 6-6A	8	11	332	13
R0511313	DEL 6-6B	5	37	116	10
R0511314	DEL 6-7A	<4	15	165	17
R0511315	DEL 6-7B	16	55	165	50
R0511316	DEL 6-8A	15	67	200	97
R0511317	DEL 6-8B	12	112	191	85
R0511318	DEL 6-9A	<4	208	68	118
R0511319	DEL 6-9B	31	145	77	260
R0511320	DEL 6-10A	<4	16	105	25
R0511321	DEL 6-10B	<4	15	357	36
R0511322	DEL 6-11A	20	53	597	116
R0511323	DEL 6-11B	13	15	432	75
R0511324	DEL 6-12A	28	27	483	130
R0511325	DEL 6-12B	7	5	477	50
R0511326	DEL 6-13A	6	7	413	20
R0511327	DEL 6-13B	4	8	237	28
R0511328	DEL 6-14A	<4	13	157	20
R0511329	DEL 6-14B	13	20	558	58
R0511330	DEL 6-15A	<4	9	404	<10
R0511331	DEL 6-15B	7	12	401	10
R0511332	DEL 6-16A	6	79	385	20
R0511333	DEL 6-16B	5	17	957	17
R0511334	DEL 6-18A	6	118	648	10
R0511335	DEL 6-18B	5	12	1050	20
R0511336	DEL 6-19A	8	19	506	25
R0511337	DEL 6-19B	7	83	661	20
R0511338	DEL 6-20A	30	168	382	100
R0511339	DEL 6-20B	8	31	645	17
R0511340	DEL 6-21A	6	52	615	20
R0511341	DEL 6-21B	7	99	596	28
R0511342	DEL 6-22A	5	63	468	20
R0511343	DEL 6-22B	8	17	490	28
R0511344	DEL 6-24A	7	113	768	10
R0511345	DEL 6-24B	5	84	389	10
R0511346	DEL 6-25A	20	86		1
R0511347	DEL 6-25B	4	33	611	17
R0511348	DEL 6-26A	4	8	752	20
R0511349	DEL 6-26B	4	5	623	25

LAB NO	FIELD NUMBER	Pb	Zn	Ba(4)	Hg
		PPM	PPM	PPM	PPB
R8511350	DEL 6-27A	4	29	120	17
R8511351	DEL 6-27B	4	110	580	13
R8511352	DEL 6-28A	13	17	778	50
R8511353	DEL 6-28B	6	9	493	<10
R8511354	DEL 6-29A	4	22	435	13
R8511355	DEL 6-29B	6	19	445	17
R8511356	DEL 6-30A	<4	12	345	<10
R8511357	DEL 6-30B	<4	6	352	13
R8511358	DEL 6-31A	5	26	376	18
R8511359	DEL 6-31B	<4	34	383	10
R8511360	DEL 6-32A	<4	31	444	<10
R8511361	DEL 6-32B	5	11	454	<10

J=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=BEING CHECKED R=REVISED  
 IF REQUESTED ANALYSES ARE NOT SHOWN (RESULTS ARE TO FOLLOW

## ANALYTICAL METHODS

Pb AQUA REGIA DECOMPOSITION / AAS  
 Zn AQUA REGIA DECOMPOSITION / AAS  
 Ba(4) X-RAY FLUORESCENCE  
 Hg FLAMELESS AAS



DEL - AIKIE W.P.

JOB V 85-0323R

DEL

REPORT DATE 1 OCT 1985

LAB NO	FIELD NUMBER	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	TOTAL %
R8511083	DEL 1-2a	87.20	0.50	1.70	1.85			0.07	0.04	0.08	0.39		3.84	96.17
R8511084	DEL 1-2a	60.15	0.43	5.58	12.94			0.03	0.10	0.03	4.41		12.66	96.33
R8511085	DEL 1-3a	64.11	0.39	12.03	11.50			0.76	0.16	0.02	2.76		6.94	98.67
R8511086	DEL 1-3a	72.07	0.39	9.73	2.30			1.99	2.07	1.21	3.19		5.45	98.40
R8511087	DEL 1-3a	71.08	0.30	8.02	1.32			2.04	5.39	1.68	2.21		6.70	98.76
R8511088	DEL 1-5a	72.51	0.32	8.32	1.84			1.87	4.27	0.77	3.10		5.53	98.53
R8511089	DEL 1-6a	79.83	0.36	9.31	2.41			0.77	0.08	0.61	3.56		2.35	99.28
R8511090	DEL 1-6a	79.29	0.43	10.34	1.41			1.22	0.86	1.00	3.87		0.51	98.93
R8511091	DEL 1-7a	55.74	0.43	9.00	2.14			5.98	7.81	0.03	3.15		13.70	97.98
R8511092	DEL 1-7a	49.00	0.41	8.47	2.51			6.18	11.90	0.03	2.82		16.87	98.19
R8511093	DEL 1-9a	76.32	0.22	4.02	1.86			2.93	4.15	0.02	1.69		7.78	98.99
R8511094	DEL 1-9a	71.78	0.26	4.57	1.35			3.96	5.47	0.02	1.89		9.68	98.98
R8511095	DEL 1-10a	71.46	0.24	4.82	1.98			3.83	5.33	0.02	2.09		9.43	99.20
R8511096	DEL 1-10a	61.54	0.38	6.82	2.50			5.06	7.34	0.03	2.72		12.74	99.15
R8511097	DEL 1-11a	72.69	0.42	8.64	1.82			2.76	2.99	0.02	3.33		6.59	99.26
R8511098	DEL 1-11a	60.95	0.24	4.81	2.62			5.53	8.88	0.03	1.97		14.33	99.36
R8511099	DEL 1-24a	66.17	0.43	8.67	1.73			4.01	5.29	0.11	3.26		9.51	99.18
R8511100	DEL 1-24a	67.58	0.42	9.37	2.06			2.63	5.24	0.02	3.32		8.63	99.27
R8511101	DEL 1-25a	67.67	0.40	9.07	2.04			2.44	5.73	0.32	3.46		8.34	99.47
R8511102	DEL 1-25a	80.01	0.42	9.43	1.59			0.83	0.25	0.02	3.78		3.10	99.43
R8511103	DEL 1-29a	58.74	0.33	7.10	1.78			5.28	9.08	0.58	2.05		13.67	98.61
R8511104	DEL 1-29a	61.46	0.40	8.18	1.77			4.63	7.25	0.83	2.44		12.22	99.18
R8511105	DEL 1-38a	68.28	0.42	8.27	2.66			4.64	7.35	0.52	2.83		12.03	99.00
R8511106	DEL 1-38a	65.91	0.35	7.57	2.57			3.96	5.80	0.68	2.62		9.87	99.33
R8511107	DEL 1-40a	55.65	0.49	11.19	3.13			5.27	6.97	0.54	3.58		12.17	98.99
R8511108	DEL 1-40a	66.76	0.44	9.30	2.44			3.43	4.51	1.07	2.99		7.91	98.85
R8511109	DEL 1-41a	72.44	0.30	7.82	1.30			2.84	3.89	1.55	2.40		6.47	99.01
R8511110	DEL 1-41a	29.35	0.07	1.94	1.12			1.98	39.72	0.03	0.57		33.40	99.18
R8511111	DEL 1-42a	74.46	0.42	8.39	1.58			2.16	3.05	0.02	3.42		5.51	99.21
R8511112	DEL 1-42a	33.60	0.10	3.94	0.99			0.38	31.85	0.47	1.08		25.53	97.96
R8511113	DEL 1-43a	7.41	0.05	1.58	0.83			0.60	49.49	0.17	0.19		39.23	99.55
R8511114	DEL 1-43a	8.67	0.06	1.77	0.87			0.23	48.96	0.02	0.23		38.63	99.44
R8511115	DEL 1-44a	8.91	0.04	1.07	0.93			0.16	49.76	0.04	0.20		38.98	100.09

LAB NO	FIELD NUMBER	SeO2	TiO2	Al2O3	Fe2O3	FeO	MnO	NeO	CaO	Mg2O	K2O	P2O5	LOI	TOTAL
		%	%	%	%	%	%	%	%	%	%	%	%	%
R8511116	BEL 1-44a	44.91	0.29	5.02	2.44			5.13	18.04	0.03	1.96		20.79	98.61
R8511117	BEL 1-45a	31.78	0.10	3.97	1.19			0.52	32.91	0.46	1.09		26.41	98.43
R8511118	BEL 1-45b	34.64	0.12	4.42	1.41			0.51	30.65	0.10	1.30		24.79	97.94
R8511119	BEL 1-46a	47.19	0.35	10.34	2.75			1.94	16.51	0.03	3.29		15.45	97.87
R8511120	BEL 1-46b	37.29	0.13	4.54	1.42			0.96	28.79	0.25	1.22		23.54	98.14
R8511121	BEL 1-47a	54.62	0.35	10.10	2.82			1.68	12.73	0.18	3.45		12.35	98.28
R8511122	BEL 1-47b	56.39	0.37	10.39	3.06			2.14	11.14	0.04	3.42		11.48	98.43
R8511123	BEL 1-48a	55.37	0.41	11.73	3.30			2.44	10.30	0.04	4.13		10.89	98.61
R8511124	BEL 1-48b	47.71	0.30	9.68	2.88			1.80	17.11	0.03	3.15		15.08	97.94
R8511125	BEL 1-49a	66.01	0.38	8.57	1.96			3.85	5.34	0.02	3.57		9.47	99.17
R8511126	BEL 1-49b	63.47	0.37	8.09	1.73			4.27	7.35	0.77	2.45		10.75	99.25
R8511127	BEL 1-50a	68.87	0.31	8.21	1.43			3.90	4.77	1.14	2.54		8.02	99.19
R8511128	BEL 1-50b	63.73	0.40	8.53	2.03			3.99	6.97	0.58	2.62		10.17	99.02
R8511129	BEL 1-51a	70.22	0.35	7.03	1.58			3.24	5.26	0.02	3.14		8.64	99.48
R8511130	BEL 1-51b	64.26	0.36	8.35	1.64			4.19	7.00	1.26	2.21		9.97	99.24
R8511131	BEL 1-52a	32.53	0.19	4.44	1.29			1.20	31.23	0.18	1.28		26.66	98.20
R8511132	BEL 1-52b	73.30	0.35	6.59	1.90			2.87	3.91	0.02	3.27		7.39	99.60
R8511133	BEL 1-53a	59.86	0.29	6.20	1.44			6.04	8.74	0.03	3.54		14.14	100.28
R8511134	BEL 1-53b	60.58	0.35	7.49	1.45			5.48	7.37	0.04	4.21		12.46	99.43
R8511135	BEL 1-54a	60.86	0.37	7.32	1.49			4.45	6.43	0.05	4.83		10.86	96.66
R8511136	BEL 1-54b	49.48	0.21	5.57	1.39			6.99	12.75	0.03	3.18		18.03	97.63
R8511137	BEL 1-54c	54.26	0.03	8.18	0.81			1.39	22.47	0.03	0.21		19.33	98.71
R8511138	BEL 1-55a	23.47	0.04	1.32	0.51			1.20	39.66	0.05	0.77		32.45	99.47
R8511139	BEL 1-55b	11.96	0.02	0.82	0.52			0.72	47.65	0.14	0.25		38.02	100.12
R8511140	BEL 1-56a	77.56	0.50	8.27	1.53			0.42	0.55	0.02	2.47		7.02	99.14
R8511141	BEL 1-56b	74.22	0.52	10.64	0.71			0.55	1.17	0.02	3.25		8.14	99.22
R8511142	BEL 1-57a	71.01	0.38	7.74	1.35			3.48	3.96	0.02	3.66		7.76	99.36
R8511143	BEL 1-57b	61.68	0.38	2.45	1.85			6.40	9.02	0.01	3.00		9.62	99.41
R8511144	BEL 1-58a	57.66	0.37	7.01	2.20			6.03	8.32	0.03	3.37		13.98	98.97
R8511145	BEL 1-58b	57.80	0.51	10.98	1.75			4.59	5.31	0.43	5.78		9.82	96.97
R8511146	BEL 1-59a	58.97	0.51	10.04	2.40			4.91	6.40	0.04	4.53		11.62	99.42
R8511147	BEL 1-59b	73.26	0.45	8.26	1.88			2.65	2.94	0.05	3.85		6.24	99.58
R8511148	BEL 1-60a	17.53	0.05	1.27	0.61			1.09	43.04	0.06	0.57		35.03	99.25
R8511149	BEL 1-60b	9.71	0.02	0.90	0.44			1.01	48.18	0.20	0.38		38.62	99.46
R8511150	BEL 1-61a	13.04	0.05	1.28	0.51			2.86	43.55	0.02	0.31		37.12	98.74
R8511151	BEL 1-61b	15.16	0.03	0.89	0.38			0.70	45.57	0.19	0.47		36.18	99.52

LAB NO	FIELD NUMBER	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	K2O %	P2O5 %	LOI %	TOTAL %
R8511152	BEL 1-62a	59.29	0.43	7.03	1.90			5.38	8.29	0.03	3.22	13.44	99.01
R8511153	BEL 1-62b	32.71	0.30	6.71	1.59			9.39	18.40	0.06	2.70	23.89	95.75
R8511154	BEL 1-63a	57.19	0.38	7.60	1.89			5.71	7.74	0.03	3.54	13.25	97.33
R8511155	BEL 1-63a	60.79	0.40	6.79	1.36			5.57	7.54	0.03	3.56	12.71	98.75
R8511156	BEL 1-63aA	62.07	0.50	9.24	2.02			4.67	5.47	0.04	4.19	10.61	98.81
R8511157	BEL 1-63B	57.08	0.41	7.68	1.88			5.87	8.22	0.03	4.07	13.86	99.10
R8511158	BEL 1-64a	63.51	0.43	9.33	10.93			0.45	0.57	0.04	2.58	10.30	98.14
R8511159	BEL 1-64a	29.32	0.04	0.78	0.50			1.88	35.47	0.03	0.21	30.45	98.68
R8511160	BEL 1-65a	85.70	0.22	4.44	0.33			0.02	0.18	0.02	1.34	5.88	98.15
R8511161	BEL 1-65a	86.86	0.28	5.29	0.27			0.03	0.21	0.02	1.50	4.33	98.79
R8511162	BEL 1-66a	66.96	0.27	8.22	8.64			2.50	1.57	0.02	2.21	7.91	98.30
R8511163	BEL 1-66a	74.33	0.58	9.96	2.04			0.94	0.16	0.02	3.10	8.21	99.34
R8511164	BEL 1-67a	78.91	0.18	3.64	1.39			0.51	2.03	0.01	1.35	9.99	98.01
R8511165	BEL 1-67a	70.62	0.68	11.86	1.43			1.28	0.51	0.01	3.84	8.89	99.12
R8511166	BEL 1-68a	71.25	0.64	10.49	3.95			0.77	0.71	0.02	3.27	9.22	99.92
R8511167	BEL 1-68a	7.14	0.02	0.82	0.51			0.61	50.45	0.02	0.20	39.78	99.55
R8511168	BEL 1-70a	30.40	0.13	2.91	0.87			4.85	30.73	0.03	1.28	28.63	99.03
R8511169		22.33	0.05	1.89	0.62			1.13	39.64	0.03	0.65	32.59	98.93
R8511170	BEL 1-71a	7.27	0.04	1.14	0.64			0.64	50.10	0.02	0.29	39.29	99.43
R8511171	BEL 1-71a	13.31	0.04	1.16	0.62			0.99	45.94	0.03	0.43	36.84	99.36
R8511172	BEL 1-73a	62.94	0.28	7.58	1.36			3.61	6.39	0.03	4.83	11.40	98.42
R8511173	BEL 1-73a	45.02	0.21	5.73	1.00			5.19	17.53	0.03	3.65	20.60	98.96
R8511174	BEL 1-74a	40.82	0.29	6.93	1.76			10.35	14.31	0.03	2.93	23.65	99.89
R8511175	BEL 1-74a	43.43	0.25	6.35	1.43			0.43	14.58	0.03	2.97	20.10	97.77
R8511176	BEL 1-75a	44.98	0.30	5.03	1.21			3.93	20.75	0.03	1.92	21.17	99.32
R8511177	BEL 1-75a	36.16	0.22	4.06	1.19			2.62	27.41	0.02	1.58	25.04	98.32
R8511178	BEL 2-3a	65.99	0.40	8.54	2.03			3.87	5.73	0.02	3.14	9.75	99.47
R8511179	BEL 2-3a	71.42	0.49	10.75	1.81			2.19	2.38	0.02	3.89	6.71	99.66
R8511180	BEL 2-6a	62.25	0.24	4.48	2.77			4.27	9.99	0.03	1.76	13.56	99.35
R8511181	BEL 2-6a	66.28	0.41	7.40	2.42			4.14	6.07	0.04	2.83	10.41	100.00
R8511182	BEL 2-7a	54.60	0.35	5.20	1.83			7.61	11.08	0.03	1.92	17.42	100.04
R8511183	BEL 2-7a	74.24	0.57	11.79	2.31			1.72	0.86	0.02	4.13	3.89	99.53
R8511184	BEL 2-8a	52.17	0.38	8.07	2.74			7.03	9.76	0.03	2.69	16.85	99.72
R8511185	BEL 2-8a	51.03	0.36	7.41	2.23			7.18	10.76	0.03	2.48	17.48	98.96
R8511186	BEL 2-9a	53.61	0.46	10.69	3.00			6.00	7.96	0.03	3.76	14.23	99.74
R8511187	BEL 2-9a	44.44	0.30	6.73	2.85			8.68	12.92	0.03	2.32	20.44	93.71

LAB NO	FIELD NUMBER	SrO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	TOTAL
		%	%	%	%	%	%	%	%	%	%	%	%	%
R8511188	BEL 2-10a	39.00	0.17	3.61	1.55			5.95	21.80	0.03	1.22		24.74	98.07
R8511189	BEL 2-10a	49.50	0.34	7.71	2.18			7.69	10.92	0.03	2.71		18.02	99.10
R8511190	BEL 2-11a	75.10	0.43	7.84	2.11			2.39	2.58	0.02	2.78		5.84	99.11
R8511191	BEL 2-11a	66.40	0.46	9.50	2.49			3.91	4.27	0.02	3.39		8.87	99.31
R8511192	BEL 2-12a	54.90	0.30	6.89	26.13			0.86	0.09	0.02	2.41		5.94	99.54
R8511193	BEL 2-12a	75.69	0.45	9.72	2.67			1.76	1.30	0.02	3.68		4.11	99.40
R8511194	BEL 2-13a	75.06	0.42	8.18	2.09			2.45	2.65	0.02	2.98		5.76	99.61
R8511195	BEL 2-13a	67.19	0.54	11.92	2.17			3.30	3.02	0.02	4.34		7.32	99.82
R8511196	BEL 2-15a	82.01	0.22	4.26	1.26			0.64	3.84	0.01	1.57		4.29	98.12
R8511197	BEL 2-15a	14.33	0.03	0.85	1.05			1.72	44.81	0.10	0.20		36.82	99.51
R8511198	BEL 2-16a	56.94	0.38	7.81	1.50			5.68	9.54	0.10	2.94		14.50	99.39
R8511199	BEL 2-16a	45.64	0.42	0.90	2.32			7.76	11.82	0.03	3.07		18.64	98.60
R8511200	BEL 2-19a	64.06	0.43	9.06	2.05			3.97	6.00	0.38	3.04		10.14	99.13
R8511201	BEL 2-19a	69.15	0.37	9.09	1.28			3.39	4.19	0.57	3.03		7.75	98.82
R8511202	BEL 3-1a	60.44	0.24	4.38	2.09			5.47	9.78	0.03	1.74		14.80	98.97
R8511203	BEL 3-1a	62.51	0.35	6.32	2.84			5.04	7.69	0.03	2.51		12.77	99.33
R8511204	BEL 3-2a	59.75	0.46	9.26	2.38			4.92	6.97	0.04	3.24		12.44	99.46
R8511205	BEL 3-2a	37.84	0.35	7.08	2.44			9.68	15.95	0.03	2.50		23.76	99.63
R8511206	BEL 3-3a	52.65	0.39	8.17	2.10			6.56	10.03	0.03	3.22		16.11	99.26
R8511207	BEL 3-3a	32.62	0.48	9.64	2.45			6.50	8.59	0.03	3.72		14.96	98.97
R8511208	BEL 3-4a	49.14	0.34	7.15	2.89			7.90	11.05	0.03	2.87		18.40	99.77
R8511209	BEL 3-4a	57.48	0.40	8.00	2.70			5.53	7.91	0.45	3.18		13.61	99.26
R8511210	BEL 3-5a	47.07	0.37	7.65	2.41			8.16	11.15	0.10	3.10		19.13	99.19
R8511211	BEL 3-5a	49.72	0.36	8.01	2.42			7.86	10.56	0.48	3.17		17.76	100.34
R8511212	BEL 3-6a	57.35	0.36	7.91	2.04			4.79	9.46	0.03	3.16		14.17	99.27
R8511213	BEL 3-6a	59.57	0.45	8.83	2.20			4.71	7.57	0.21	3.48		12.33	99.55
R8511214	BEL 3-7a	66.78	0.47	10.31	2.19			2.44	4.86	0.13	4.21		7.97	99.34
R8511215	BEL 3-7a	63.79	0.39	8.22	2.09			2.89	2.37	0.20	3.13		10.38	98.58
R8511216	BEL 3-8a	61.42	0.44	9.31	1.94			3.55	7.14	0.43	3.46		11.21	98.90
R8511217	BEL 3-8a	57.93	0.47	9.14	2.14			5.20	7.89	0.12	3.32		13.07	99.28
R8511218	BEL 3-9a	69.22	0.36	8.47	1.54			3.51	4.30	0.79	2.67		8.24	99.10
R8511219	BEL 3-9a	70.66	0.33	8.01	1.46			3.31	4.17	0.94	2.56		7.80	99.24
R8511220	BEL 3-10a	61.11	0.33	7.43	1.73			2.79	9.76	0.04	2.75		12.38	98.32
R8511221	BEL 3-10a	66.64	0.47	9.80	1.80			3.75	4.30	0.09	3.25		8.20	99.30
R8511222	BEL 3-11a	58.97	0.40	8.12	2.14			3.94	8.96	0.03	3.07		12.87	98.50
R8511223	BEL 3-11a	54.86	0.39	8.42	2.07			6.26	9.07	0.03	3.31		15.11	99.52

LAB NO	FIELD NUMBER	SiO2 %	TiO2 %	Al2O3 %	Fe2O3 %	FeO %	MnO %	MgO %	CaO %	Na2O %	K2O %	P2O5 %	LOI %	TOTAL %
R0511224	BEL 3-12a	53.63	0.40	8.60	2.11			6.09	9.32	0.03	3.22		15.71	99.19
R0511225	BEL 3-12a	51.11	0.40	8.59	2.21			7.02	10.18	0.03	3.19		16.96	99.69
R0511226	BEL 3-13a	75.37	0.42	8.33	1.64			2.27	2.43	0.02	3.41		5.58	99.47
R0511227	BEL 3-13a	56.64	0.34	7.21	2.08			6.26	8.93	0.03	2.80		15.16	99.45
R0511228	BEL 3-14a	73.51	0.24	4.17	1.14			3.39	5.76	0.02	1.96		8.99	99.18
R0511229	BEL 3-14a	61.05	0.42	8.37	2.40			4.90	6.78	0.04	3.30		12.23	99.49
R0511230	BEL 3-15a	73.56	0.28	4.94	1.45			3.59	4.04	0.02	2.01		8.60	99.29
R0511231	BEL 3-15a	55.30	0.39	7.28	2.16			6.54	9.27	0.03	2.78		15.76	99.51
R0511232	BEL 3-16a	19.27	0.03	0.55	0.82			17.79	25.45	0.02	0.16		35.34	99.43
R0511233	BEL 3-16a	58.62	0.27	5.57	1.35			6.37	9.17	0.03	2.95		14.79	99.12
R0511234	BEL 3-17a	59.90	0.31	5.78	1.51			5.52	9.08	0.03	2.93		14.21	99.27
R0511235	BEL 3-17a	71.93	0.20	3.03	0.79			4.11	6.28	0.04	2.23		10.22	98.83
R0511236	BEL 3-18a	62.85	0.37	6.65	2.33			4.91	6.93	0.04	2.70		12.25	99.03
R0511237	BEL 3-18a	71.03	0.29	5.45	1.80			3.78	5.36	0.02	2.35		9.37	99.45
R0511238	BEL 3-19a	64.01	0.57	11.90	2.79			3.62	3.70	0.02	4.25		8.51	99.37
R0511239	BEL 3-19a	65.61	0.43	9.06	2.19			3.90	5.00	0.02	3.37		9.70	99.28
R0511240	BEL 3-20a	75.04	0.31	5.68	1.69			2.65	4.05	0.02	2.31		7.45	99.20
R0511241	BEL 3-20a	76.33	0.34	6.29	1.78			2.23	3.46	0.02	2.53		6.43	99.24
R0511242	BEL 3-21a	76.68	0.57	11.80	2.29			1.17	0.08	0.10	4.03		2.87	99.59
R0511243	BEL 3-21a	60.97	0.38	7.36	2.50			4.84	7.67	0.03	2.38		13.03	99.16
R0511244	BEL 3-22a	66.03	0.35	6.41	1.58			4.29	6.35	0.04	2.64		11.27	98.96
R0511245	BEL 3-22a	57.53	0.37	6.28	1.69			6.38	9.29	0.03	2.56		15.32	99.36
R0511246	BEL 3-23a	53.17	0.37	7.95	2.35			6.97	9.68	0.03	2.91		16.45	99.88
R0511247	BEL 3-23a	72.46	0.41	7.47	1.56			2.96	4.03	0.02	2.75		7.67	99.33
R0511248	BEL 3-24a	60.79	0.27	5.96	1.64			4.70	9.08	0.20	2.31		13.49	98.44
R0511249	BEL 3-24a	57.43	0.40	9.16	2.00			5.30	7.60	0.09	3.48		13.07	98.53
R0511250	BEL 3-25a	51.02	0.38	7.89	2.13			6.89	10.56	0.03	2.67		16.98	98.55
R0511251	BEL 3-25a	54.14	0.50	9.97	2.56			5.84	8.18	0.29	3.38		14.12	98.98
R0511252	BEL 3-26a	24.74	0.23	4.71	1.89			12.93	21.78	0.03	1.50		31.67	99.48
R0511253	BEL 3-26a	53.18	0.42	8.51	2.20			6.53	9.35	0.03	2.79		16.07	99.08
R0511254	BEL 3-27a	51.44	0.42	8.64	2.30			6.69	10.07	0.03	2.88		16.76	99.23
R0511255	BEL 3-27a	34.59	0.33	6.44	2.33			10.95	16.79	0.03	2.11		25.98	99.46
R0511256	BEL 3-28a	20.04	0.09	3.35	1.78			0.88	39.68	0.12	0.58		32.22	98.74
R0511257	BEL 3-28a	17.20	0.07	2.98	1.64			0.67	41.93	0.02	0.41		33.62	98.54
R0511258	BEL 3-29a	24.19	0.10	3.54	1.93			0.94	36.66	0.03	0.99		30.12	98.50
R0511259	BEL 3-29a	32.90	0.18	5.24	2.07			4.08	26.26	0.31	1.70		25.61	98.35

LAB NO	FIELD NUMBER	SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Mg2O	K2O	P2O5	LOI	TOTAL
		%	%	%	%	%	%	%	%	%	%	%	%	%
R8511260	DEL 3-30a	33.50	0.17	5.07	1.91			0.81	30.02	0.03	1.70		24.96	98.17
R8511261	DEL 3-30a	51.63	0.30	10.47	2.60			1.54	13.89	0.24	3.84		13.51	98.20
R8511262	DEL 3-31a	17.05	0.10	3.40	1.89			0.32	41.34	0.08	0.91		32.89	98.20
R8511263	DEL 3-31a	19.78	0.28	0.73	2.34			0.99	22.55	0.14	3.24		19.68	97.75
R8511264	DEL 3-32a	16.11	0.11	3.43	1.55			0.97	41.97	0.23	0.93		33.72	99.02
R8511265	DEL 3-32a	17.19	0.09	3.10	1.72			1.00	41.29	0.29	0.79		33.16	98.71
R8511266	DEL 3-33a	34.52	0.25	6.51	2.60			1.41	26.34	0.25	2.04		22.29	98.21
R8511267	DEL 3-33a	46.91	0.20	5.72	2.11			1.13	21.82	0.39	1.73		18.46	98.47
R8511268	DEL 3-34a	27.87	0.10	2.54	1.39			0.50	35.50	0.10	0.68		29.68	98.46
R8511269	DEL 3-34a	53.00	0.37	10.01	3.05			2.16	13.41	0.49	3.04		12.94	98.49
R8511270	DEL 3-35a	30.72	0.07	3.10	1.54			0.87	34.13	0.68	0.58		27.54	99.23
R8511271	DEL 3-35a	55.30	0.47	12.50	3.45			2.39	9.66	0.93	3.41		10.22	98.33
R8511272	DEL 3-36a	24.18	0.09	3.39	1.68			1.11	36.75	0.05	1.00		30.41	98.66
R8511273	DEL 3-36a	35.70	0.16	4.71	1.85			2.21	27.78	0.22	1.34		24.70	98.67
R8511274	DEL 3-37a	42.26	0.20	5.17	1.34			0.92	15.71	0.03	1.92		22.60	98.17
R8511275	DEL 3-37a	30.37	0.10	3.49	1.94			1.73	32.15	0.20	1.03		27.25	98.28
R8511276	DEL 3-38a	33.99	0.24	7.45	2.55			1.89	25.78	0.49	1.94		22.18	98.55
R8511277	DEL 3-38a	25.97	0.08	3.04	1.45			0.77	34.92	0.40	0.44		29.58	98.87
R8511278	DEL 3-39a	19.02	0.08	2.87	1.44			0.51	40.97	0.09	0.71		32.41	98.30
R8511279	DEL 3-39a	48.21	0.34	9.50	2.22			1.30	18.18	0.03	3.00		15.75	98.53
R8511280	DEL 4-1a	42.14	0.31	9.53	3.63			2.40	19.51	0.34	2.48		17.77	98.15
R8511281	DEL 4-1a	31.34	0.08	3.43	1.54			0.62	33.38	0.82	0.80		26.99	98.22
R8511282	DEL 4-2a	72.05	0.29	0.64	2.55			1.97	4.69	0.55	2.41		5.89	99.04
R8511283	DEL 4-2a	63.18	0.34	10.69	3.54			2.80	6.52	0.52	3.03		8.10	98.74
R8511284	DEL 4-5a	37.99	2.40	11.81	10.22			11.84	8.62	0.03	2.31		14.44	99.64
R8511285	DEL 4-5a	51.74	0.41	11.33	3.85			4.16	9.89	2.22	2.59		11.76	97.95
R8511284	DEL 4-6a	8.83	0.02	0.37	0.50			0.76	49.85	0.02	0.06		39.59	100.00
R8511287	DEL 4-6a	2.95	0.02	0.29	0.61			0.63	53.19	0.07	0.05		42.02	99.83
R8511288	DEL 4-7a	80.37	0.33	7.64	0.88			0.28	0.60	0.23	3.10		3.26	96.71
R8511289	DEL 4-7a	75.22	0.37	7.58	2.50			0.27	0.62	0.37	3.34		5.50	95.79
R8511290	DEL 4-8a	48.26	0.20	5.41	2.45			1.50	0.12	3.33	1.99		3.45	45.81
R8511291	DEL 4-8a	91.71	0.12	2.32	0.67			0.01	0.09	0.01	0.92		2.77	98.62
R8511292	DEL 4-11a	50.14	0.36	10.42	2.93			1.03	14.93	0.83	4.07		14.41	98.32
R8511293	DEL 4-11a	32.24	0.15	4.82	2.53			1.10	29.84	0.03	1.88		25.58	98.19
R8511294	DEL 4-13a	63.09	0.35	7.89	1.64			4.26	6.78	0.58	2.58		10.70	97.78
R8511295	DEL 4-13a	60.13	0.33	7.16	1.58			4.64	8.74	0.58	2.40		12.43	98.01



LAB NO	FIELD NUMBER	SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Mg2O	K2O	P2O5	LOI	TOTAL
		%	%	%	%	%	%	%	%	%	%	%	%	%
R8511296	DEL 5-1a	4.67	0.03	0.47	1.69		19.45	29.39	0.02	0.08			44.12	99.92
R8511297	DEL 5-1a	3.85	0.02	0.51	1.69		19.94	29.75	0.06	0.08			44.08	99.98
R8511298	DEL 5-2a	10.09	0.05	1.27	0.82		17.54	28.89	0.02	0.39			40.72	99.79
R8511299	DEL 5-2a	12.76	0.06	1.81	0.98		16.78	27.41	0.02	0.60			39.24	99.66
R8511300	DEL 5-3a	9.59	0.05	1.17	0.84		17.26	29.78	0.02	0.39			40.86	99.96
R8511301	DEL 5-3a	12.09	0.02	0.51	0.56		13.67	32.75	0.02	0.19			39.31	99.92
R8511302	DEL 6-1a	75.76	0.50	9.06	1.72		0.50	0.33	0.02	3.85			7.31	99.05
R8511303	DEL 6-1a	78.39	0.57	8.97	0.45		0.43	0.24	0.02	3.88			6.17	99.12
R8511304	DEL 6-2a	59.01	0.66	11.23	2.43		0.71	0.34	0.03	4.22			18.43	97.86
R8511305	DEL 6-2a	56.12	0.39	7.69	2.76		1.24	8.43	0.03	2.85			17.82	97.33
R8511306	DEL 6-3a	36.66	0.12	1.73	0.97		8.74	22.50	0.03	0.80			27.37	98.92
R8511307	DEL 6-3a	15.00	0.04	1.00	0.69		2.13	43.15	0.03	0.29			36.18	98.51
R8511308	DEL 6-4a	19.29	0.04	1.12	0.96		2.64	39.97	0.03	0.50			33.93	98.48
R8511309	DEL 6-4a	29.97	0.03	0.41	0.33		0.67	41.92	0.03	0.18			34.11	98.65
R8511310	DEL 6-5a	20.29	0.11	2.49	1.05		1.76	38.84	0.03	1.19			32.33	98.09
R8511311	DEL 6-5a	23.18	0.15	3.56	1.61		3.35	33.97	0.03	1.64			30.72	98.21
R8511312	DEL 6-6a	20.55	0.06	1.87	0.89		1.18	40.17	0.02	1.83			32.66	98.34
R8511313	DEL 6-6a	11.06	0.06	1.32	0.87		17.45	27.50	0.02	0.49			40.48	100.05
R8511314	DEL 6-7a	28.75	0.04	1.25	0.68		14.99	20.96	0.03	0.69			32.22	99.61
R8511315	DEL 6-7a	36.77	0.10	1.84	0.97		12.04	18.20	0.03	0.77			27.45	98.17
R8511316	DEL 6-8a	90.22	0.14	2.68	0.79		0.24	0.41	0.02	1.23			3.05	98.78
R8511317	DEL 6-8a	89.60	0.12	2.41	0.86		0.10	0.34	0.02	1.09			4.28	98.82
R8511318	DEL 6-9a	93.12	0.03	0.10	0.44		0.24	1.37	0.02	0.26			2.75	98.35
R8511319	DEL 6-9a	94.13	0.04	0.13	0.68		0.16	1.11	0.02	0.27			2.17	98.71
R8511320	DEL 6-10a	37.93	0.04	0.82	0.58		13.06	18.60	0.03	0.46			28.03	99.55
R8511321	DEL 6-10a	49.24	0.17	4.08	0.97		9.22	12.87	0.03	1.92			20.63	99.13
R8511322	DEL 6-11a	64.57	0.28	6.86	1.93		4.62	6.22	0.04	3.12			11.40	99.04
R8511323	DEL 6-11a	55.94	0.27	4.82	1.31		7.39	10.31	0.03	2.18			16.83	99.08
R8511324	DEL 6-12a	69.15	0.39	9.42	2.67		2.39	2.69	0.02	3.69			8.14	98.56
R8511325	DEL 6-12a	63.98	0.31	5.33	1.49		5.40	7.76	0.03	2.38			12.62	99.30
R8511326	DEL 6-13a	60.03	0.27	4.96	1.05		6.42	9.37	0.03	2.28			14.83	99.24
R8511327	DEL 6-13a	42.13	0.12	2.75	1.01		11.24	16.10	0.03	1.20			24.96	99.54
R8511328	DEL 6-14a	39.50	0.06	1.24	0.73		12.40	18.14	0.03	0.58			26.87	99.55
R8511329	DEL 6-14a	51.77	0.26	6.49	2.08		6.73	11.08	0.03	2.71			16.67	97.82
R8511330	DEL 6-15a	61.03	0.33	5.60	1.83		5.61	8.63	0.03	2.17			13.90	99.13
R8511331	DEL 6-15a	69.69	0.29	5.69	1.87		4.03	5.46	0.02	2.39			9.53	98.97

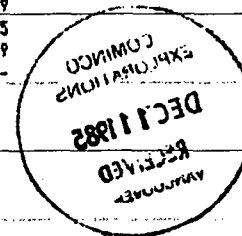
LAB NO	FIELD NUMBER	SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	TOTAL
		%	%	%	%	%	%	%	%	%	%	%	%	%
R8511332	DEL 6-16a	71.33	0.23	4.14	1.33			3.91	6.43	0.02	1.72		9.95	99.06
R8511333	DEL 6-16a	76.62	0.40	9.47	2.04			1.48	1.17	0.20	4.05		3.54	98.97
R8511334	DEL 6-18a	67.07	0.37	8.51	1.83			3.70	4.88	0.77	2.87		8.81	98.81
R8511335	DEL 6-18a	64.44	0.37	8.34	1.99			3.58	6.29	0.28	3.04		10.01	98.38
R8511336	DEL 6-19a	67.17	0.31	8.14	1.62			3.71	5.08	1.04	2.43		8.93	98.43
R8511337	DEL 6-19a	69.99	0.30	7.81	1.45			2.00	5.73	1.02	2.69		7.62	98.61
R8511338	DEL 6-20a	79.49	0.19	4.43	1.44			0.48	5.22	0.01	1.64		3.28	96.18
R8511339	DEL 6-20a	63.36	0.41	8.53	1.82			4.46	5.90	0.04	2.92		19.89	98.35
R8511340	DEL 6-21a	82.61	0.25	7.27	1.30			0.52	0.61	0.94	2.35		2.83	98.68
R8511341	DEL 6-21a	74.44	0.35	8.12	1.59			2.24	2.84	0.89	2.49		5.87	98.83
R8511342	DEL 6-22a	68.30	0.37	8.47	1.68			3.59	4.44	0.44	2.70		8.54	98.73
R8511343	DEL 6-22a	61.19	0.38	8.52	2.48			4.67	6.53	0.28	2.48		11.71	98.24
R8511344	DEL 6-24a	76.56	0.49	11.74	1.34			0.98	0.15	0.68	4.23		2.86	98.95
R8511345	DEL 6-24a	67.53	0.32	7.47	1.46			3.92	5.34	1.28	2.05		9.53	98.94
R8511346	DEL 6-25a	64.75	0.36	8.31	2.03	0.05		4.10	6.45	0.02	3.12	0.06	9.52	98.77
R8511347	DEL 6-25a	48.44	0.29	6.24	1.76			7.18	13.07	0.03	2.49		19.09	98.59
R8511348	DEL 6-26a	65.05	0.35	8.02	1.92			3.06	4.90	0.46	3.00		9.81	98.57
R8511349	DEL 6-26a	70.51	0.40	8.96	1.37			3.28	3.61	0.14	3.33		7.29	98.89
R8511350	DEL 6-27a	85.35	0.09	1.75	0.88			1.65	2.90	0.02	0.64		5.15	98.45
R8511351	DEL 6-27a	75.53	0.36	9.17	1.07			1.91	1.98	0.41	3.53		4.94	98.90
R8511352	DEL 6-28a	76.68	0.47	10.80	2.23			0.87	0.87	0.35	4.69		2.75	98.91
R8511353	DEL 6-28a	68.51	0.37	8.67	1.83			3.34	4.11	0.81	3.12		7.95	98.71
R8511354	DEL 6-29a	64.36	0.36	8.68	2.82			1.70	7.57	1.48	2.51		8.72	98.20
R8511355	DEL 6-29a	61.85	0.39	8.62	2.60			4.19	6.11	0.62	2.71		10.95	98.04
R8511356	DEL 6-30a	67.57	0.35	8.30	1.44			4.03	5.83	0.02	2.48		9.82	99.24
R8511357	DEL 6-30a	68.33	0.36	8.54	1.37			3.71	4.62	0.45	2.73		8.88	98.99
R8511358	DEL 6-31a	61.73	0.39	8.00	1.84			4.75	6.78	0.14	2.45		11.69	97.97
R8511359	DEL 6-31a	68.51	0.32	7.95	1.37			3.86	4.61	0.28	2.72		9.07	98.69
R8511360	DEL 6-32a	64.97	0.39	8.39	1.56			4.09	5.76	0.27	2.78		10.34	98.55
R8511361	DEL 6-32a	62.64	0.37	8.27	1.72			4.63	6.48	0.34	2.79		11.25	98.49

I=INSUFFICIENT SAMPLE X=SMALL SAMPLE E=EXCEEDS CALIBRATION C=CRUISING CHECKED R=REVISED  
 IF REQUESTED ANALYSES ARE NOT SHOWN RESULTS ARE TO FOLLOW

## ANALYTICAL METHODS

FeO DETERMINED BY ACID DIGESTION /VOLUMETRIC LOI DETERMINED GRAVIMETRICALLY

OTHER ELEMENTS BY LI BOBATE FUSION/XRF. WHERE NO FeO VALUE SHOWN "Fe2O3" IS TOTAL Fe AS Fe2O3



## II) GENERAL STATISTICS

\*\*\*\*\*

DELROCKS

\*\*\*\*\*

STATISTICS FOR ELEMENT # 1 : PB

NUMBER OF SAMPLES = 279  
NUMBER OF MISSING VALUES(0)= 0  
NUMBER OF MISSING VALUES(999) = 0  
MINIMUM = 4.00  
MAXIMUM = 925.00  
RANGE = 921.00  
MEAN = 15.35  
MEDIAN = 6.50  
VARIANCE = 3532.05  
STANDARD DEVIATION = 59.43  
STANDARD ERROR = 3.56  
COEFFICIENT OF VARIATION = 3.87  
KURTOSIS = 196.36  
SKEWNESS = 13.238

STATISTICS FOR LOG 10 TRANSFORMED DATA

MEAN = 7.90  
VARIANCE = 1.31  
STANDARD DEVIATION = 2.20

STATISTICS FOR ELEMENT # 2 : ZN

NUMBER OF SAMPLES = 279  
NUMBER OF MISSING VALUES(0)= 0  
NUMBER OF MISSING VALUES(999) = 0  
MINIMUM = 3.00  
MAXIMUM = 8330.00  
RANGE = 8327.00  
MEAN = 167.52  
MEDIAN = 29.00  
VARIANCE = 431739.56  
STANDARD DEVIATION = 657.07  
STANDARD ERROR = 39.34  
COEFFICIENT OF VARIATION = 3.92  
KURTOSIS = 98.62  
SKEWNESS = 9.198

STATISTICS FOR LOG 10 TRANSFORMED DATA

MEAN = 38.29  
VARIANCE = 2.46  
STANDARD DEVIATION = 4.22

STATISTICS FOR ELEMENT # 3 : BA

NUMBER OF SAMPLES = 279  
NUMBER OF MISSING VALUES(0)= 0  
NUMBER OF MISSING VALUES(999) = 0  
MINIMUM = 28.00  
MAXIMUM = 235267.00  
RANGE = 235239.00  
MEAN = 1979.39  
MEDIAN = 596.00  
VARIANCE =\*\*\*\*\*  
STANDARD DEVIATION = 14382.03  
STANDARD ERROR = 861.03  
COEFFICIENT OF VARIATION = 7.27  
KURTOSIS = 247.04  
SKEWNESS = 15.366

STATISTICS FOR LOG 10 TRANSFORMED DATA

MEAN = 578.88  
VARIANCE = 1.56  
STANDARD DEVIATION = 2.74

STATISTICS FOR ELEMENT # 4 : HG

NUMBER OF SAMPLES = 279  
NUMBER OF MISSING VALUES(0)= 1  
NUMBER OF MISSING VALUES(999) = 0  
MINIMUM = 10.00  
MAXIMUM = 1523.00  
RANGE = 1513.00  
MEAN = 63.76  
MEDIAN = 25.00  
VARIANCE = 19524.93  
STANDARD DEVIATION = 139.73  
STANDARD ERROR = 8.38  
COEFFICIENT OF VARIATION = 2.19  
KURTOSIS = 51.61  
SKEWNESS = 6.331

STATISTICS FOR LOG 10 TRANSFORMED DATA

MEAN = 30.11  
VARIANCE = 1.61  
STANDARD DEVIATION = 2.85

\*\*\*\*\*

PEARSON CORRELATION COEFFICIENTS TABLE : DELROCKS

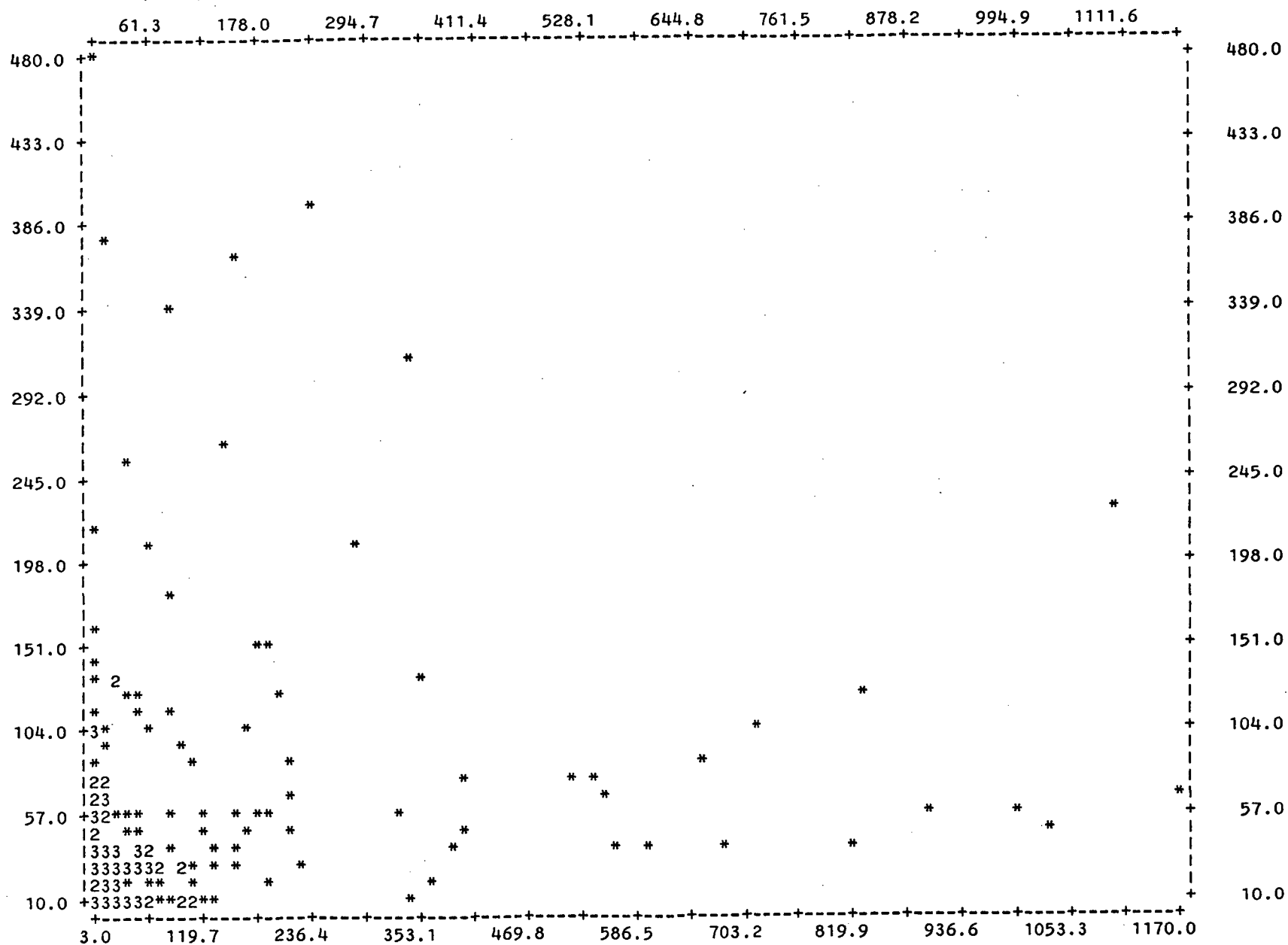
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	PB	ZN	BA	HG
PB	1.000 279	0.112 279	0.084 279	0.175 278
ZN	0.112 279	1.000 279	0.002 279	0.079 278
BA	0.084 279	0.002 279	1.000 279	0.092 278
HG	0.175 278	0.079 278	0.092 278	1.000 278

( COEFFICIENT / CASES ) ( A VALUE OF 99.0 IS PRINTED IF A COEFFICIENT CANNOT BE COMPUTED )

DELROCKS

SCATTERGRAM OF (DOWN) HG (ACROSS) ZN



STATISTICS...

Y-Y PLOT OF (DOWN)HG(ACROSS)ZN

PLOTTED VALUES = 269

MISSING VALUES = 1

ABOVE MAXIMUM VALUE (ACROSS) = 0

ABOVE MAXIMUM VALUE (DOWN) = 0

NUMBER OF SAMPLES ABOVE AND BELOW LIMITS = 9

MEAN OF X (ACROSS) = 96.6840 (ANTI-LOG MEAN OF X = 0.0000)

MEAN OF Y (DOWN) = 47.5465 (ANTI-LOG MEAN OF Y = 0.0000)

INTERCEPT (DOWN AXIS) = 41.4174

SLOPE (FROM ACROSS AXIS) = 0.0634

STANDARD ERROR OF ESTIMATES = 64.8418

COEFFICIENT OF CORRELATION = 0.1829

R-SQUARE = 0.1024

SYMBOLS USED ON SCATTERGRAM ...

\* MEANS 1 DATA POINT

2 MEANS 2 DATA POINTS OVERLAPPED

3 MEANS 3 OR MORE DATA POINTS OVERLAPPED

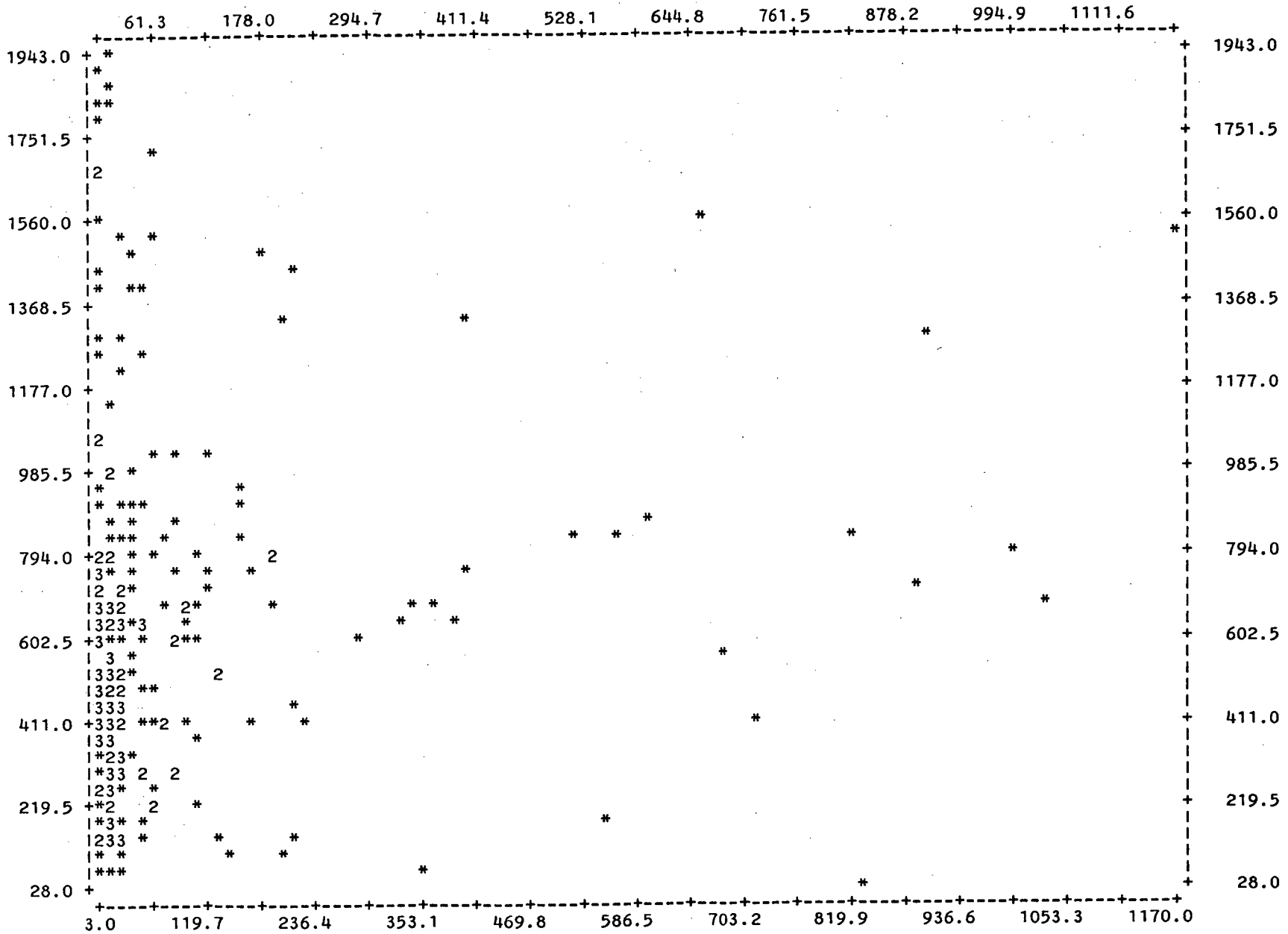
TABLE OF REGRESSION LINE POINTS

X (ACROSS)	Y (DOWN)
3.0	41.6
61.3	45.3
119.7	49.0
178.0	52.7
236.4	56.4
294.7	60.1
353.1	63.8
411.4	67.5
469.8	71.2
528.1	74.9
586.5	78.6
644.8	82.3
703.2	86.0
761.5	89.7
819.9	93.4
878.2	97.1
936.6	100.8
994.9	104.5
1053.3	108.2
1111.6	111.9
1170.0	115.6



DELROCKS

SCATTERGRAM OF (DOWN) BA (ACROSS) ZN



STATISTICS...

Y-Y PLOT OF (DOWN)BA(ACROSS)ZN

PLOTTED VALUES = 260

MISSING VALUES = 0

ABOVE MAXIMUM VALUE (ACROSS) = 0

ABOVE MAXIMUM VALUE (DOWN) = 0

NUMBER OF SAMPLES ABOVE AND BELOW LIMITS = 19

MEAN OF X (ACROSS) = 93.9538 (ANTI-LOG MEAN OF X = 0.0000)

MEAN OF Y (DOWN) = 619.9382 (ANTI-LOG MEAN OF Y = 0.0000)

INTERCEPT (DOWN AXIS) = 596.8594

SLOPE (FROM ACROSS AXIS) = 0.2456

STANDARD ERROR OF ESTIMATES = 393.8613

COEFFICIENT OF CORRELATION = 0.1155

R-SQUARE = 0.0059

SYMBOLS USED ON SCATTERGRAM ...

\* MEANS 1 DATA POINT

2 MEANS 2 DATA POINTS OVERLAPPED

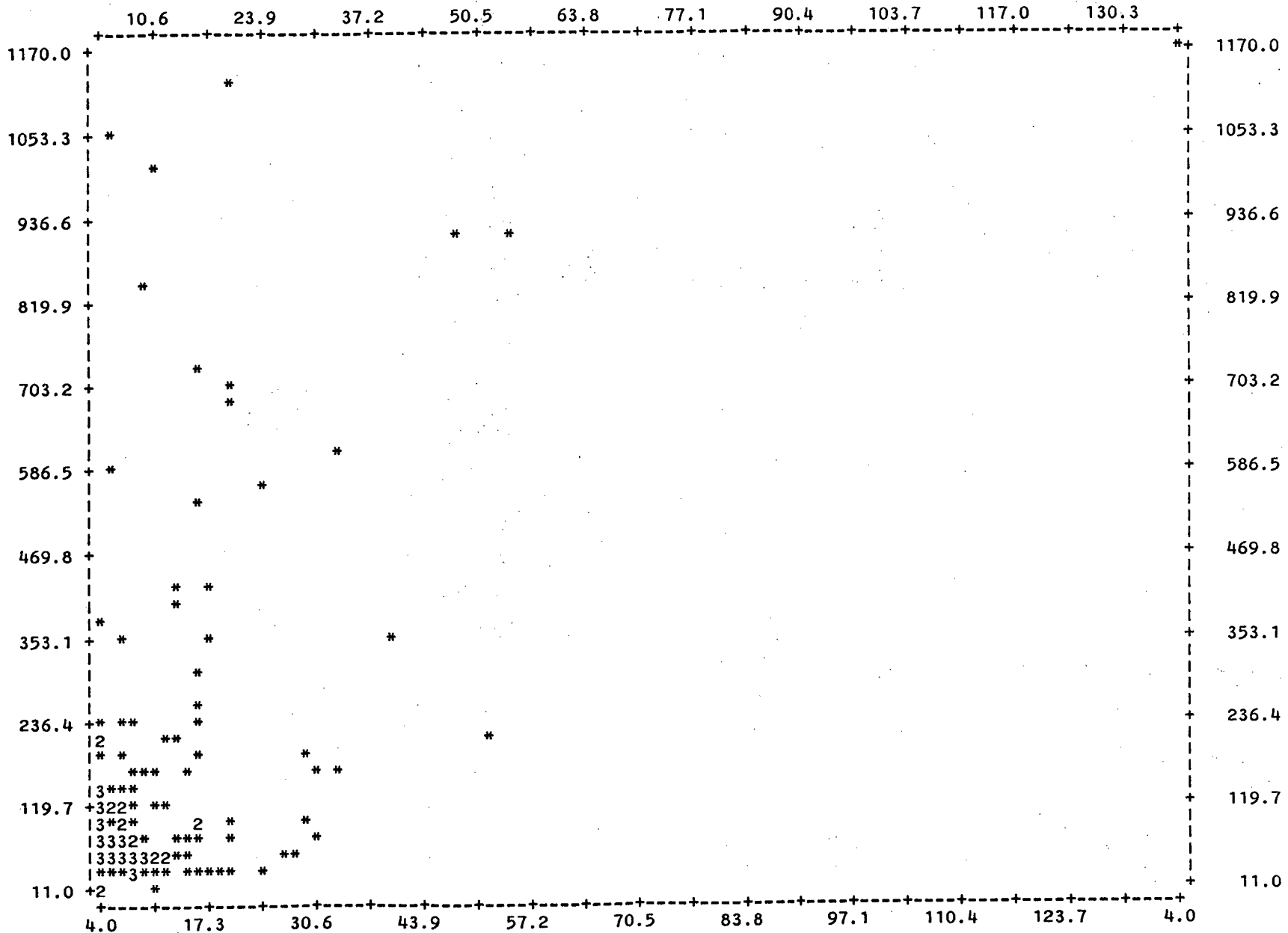
3 MEANS 3 OR MORE DATA POINTS OVERLAPPED

TABLE OF REGRESSION LINE POINTS

X (ACROSS)	Y (DOWN)
3.0	597.6
61.3	611.9
119.7	626.3
178.0	640.6
236.4	654.9
294.7	669.3
353.1	683.6
411.4	697.9
469.8	712.3
528.1	726.6
586.5	740.9
644.8	755.3
703.2	769.6
761.5	783.9
819.9	798.3
878.2	812.6
936.6	826.9
994.9	841.3
1053.3	855.6
1111.6	869.9
1170.0	884.3

DELROCKS

SCATTERGRAM OF (DOWN) ZN (ACROSS) PB



STATISTICS...

Y-Y PLOT OF (DOWN)ZN(ACROSS)PB

PLOTTED VALUES = 271

MISSING VALUES = 0  
 ABOVE MAXIMUM VALUE (ACROSS) = 0  
 ABOVE MAXIMUM VALUE (DOWN) = 0

NUMBER OF SAMPLES ABOVE AND BELOW LIMITS = 8  
 MEAN OF X (ACROSS) = 9.4539 (ANTI-LOG MEAN OF X = 0.0000)  
 MEAN OF Y (DOWN) = 94.5646 (ANTI-LOG MEAN OF Y = 0.0000)  
 INTERCEPT (DOWN AXIS) = 4.1747  
 SLOPE (FROM ACROSS AXIS) = 9.5611  
 STANDARD ERROR OF ESTIMATES = 156.1276  
 COEFFICIENT OF CORRELATION = 0.5567  
 R-SQUARE = 1.2958

SYMBOLS USED ON SCATTERGRAM ...

- \* MEANS 1 DATA POINT
- 2 MEANS 2 DATA POINTS OVERLAPPED
- 3 MEANS 3 OR MORE DATA POINTS OVERLAPPED

TABLE OF REGRESSION LINE POINTS

X (ACROSS)	Y (DOWN)
4.0	42.4
10.6	106.0
17.3	169.6
23.9	233.2
30.6	296.7
37.2	360.3
43.9	423.9
50.5	487.5
57.2	551.1
63.8	614.7
70.5	678.2
77.1	741.8
83.8	805.4
90.4	869.0
97.1	932.6
103.7	996.1
110.4	1059.7
117.0	1123.3
123.7	1186.9
130.3	1250.5
4.0	42.4

### III) ZN STATISTICAL PLOTS

HISTOGRAM FOR ELEMENT ZN

\*\*\*\*\*

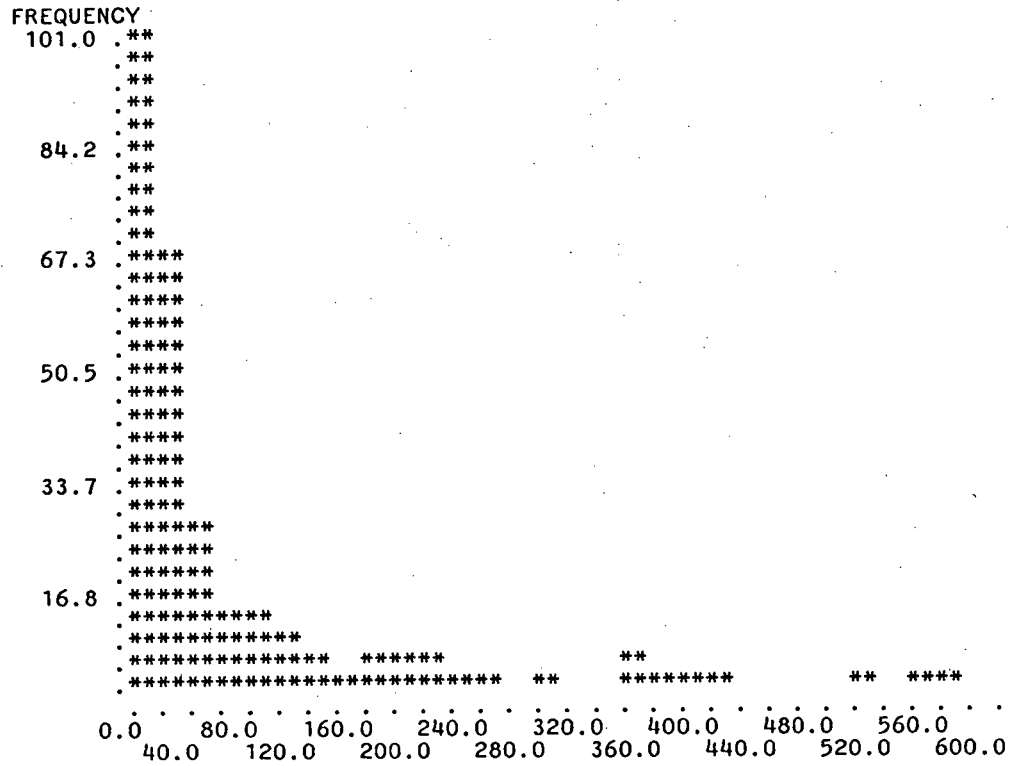


FIGURE : DELROCKS

TOTAL NUMBER OF SAMPLES PLOTTED = 263 ELEMENT ZN  
 NUMBER OF MISSING VALUES = 0  
 SAMPLES ABOVE MAXIMUM = 16 PERCENT OF POPULATION = 5.73

MEAN OF SAMPLES = 64.48  
 STANDARD DEVIATION = 97.73  
 MEDIAN OF SAMPLES = 27.00

PERCENT (TOTAL NUMBER OF DATA) 279 ADJUSTED PERCENT ( DATA USED IN HISTOGRAM) 263

CLASS	INTERVAL LOWER PT.	INTERVAL UPPER PT.	FREQUENCY	PERCENT	ADJUSTED PERCENT	CUMULATIVE PERCENT	CLASS INTERVAL	FREQUENCY	PERCENT	PERCENT
1	0.00 -	20.00	101	36.20	38.40	38.40	<1.0	0	0.00	0.00
2	20.00 -	40.00	65	23.30	24.71	63.12	1. - 2.	0	0.00	0.00
3	40.00 -	60.00	26	9.32	9.89	73.00	2. - 3.	0	0.00	0.00
4	60.00 -	80.00	13	4.66	4.94	77.95	3. - 4.	3	1.08	1.08
5	80.00 -	100.00	11	3.94	4.18	82.13	4. - 5.	3	1.08	2.15
6	100.00 -	120.00	8	2.87	3.04	85.17	5. - 5.	6	2.15	4.30
7	120.00 -	140.00	6	2.15	2.28	87.45	6. - 7.	16	5.73	10.04
8	140.00 -	160.00	3	1.08	1.14	88.59	8. - 9.	15	5.38	15.41
9	160.00 -	180.00	5	1.79	1.90	90.49	10. - 11.	12	4.30	19.71
10	180.00 -	200.00	4	1.43	1.52	92.02	12. - 14.	17	6.09	25.81
11	200.00 -	220.00	4	1.43	1.52	93.54	15. - 18.	23	8.24	34.05
12	220.00 -	240.00	3	1.08	1.14	94.68	19. - 23.	22	7.89	41.94
13	240.00 -	260.00	1	0.36	0.38	95.06	24. - 29.	23	8.24	50.18
14	260.00 -	280.00	0	0.00	0.00	95.06	30. - 37.	22	7.89	58.06
15	280.00 -	300.00	1	0.36	0.38	95.44	38. - 46.	14	5.02	63.08
16	300.00 -	320.00	0	0.00	0.00	95.44	47. - 58.	15	5.38	68.46
17	320.00 -	340.00	0	0.00	0.00	95.44	59. - 74.	12	4.30	72.76
18	340.00 -	360.00	4	1.43	1.52	96.96	75. - 93.	9	3.23	75.99
19	360.00 -	380.00	1	0.36	0.38	97.34	94. - 117.	11	3.94	79.93
20	380.00 -	400.00	1	0.36	0.38	97.72	118. - 147.	9	3.23	83.15
21	400.00 -	420.00	2	0.72	0.76	98.48	148. - 186.	8	2.87	86.02
22	420.00 -	440.00	0	0.00	0.00	98.48	187. - 234.	9	3.23	89.25
23	440.00 -	460.00	0	0.00	0.00	98.48	235. - 295.	2	0.72	89.96
24	460.00 -	480.00	0	0.00	0.00	98.48	296. - 371.	5	1.79	91.76
25	480.00 -	500.00	0	0.00	0.00	98.48	372. - 467.	3	1.08	92.83
26	500.00 -	520.00	1	0.36	0.38	98.86	468. - 588.	4	1.43	94.27
27	520.00 -	540.00	0	0.00	0.00	98.86	589. - 741.	4	1.43	95.70
28	540.00 -	560.00	1	0.36	0.38	99.24	742. - 933.	4	1.43	97.13
29	560.00 -	580.00	2	0.72	0.76	100.00	934. - 1175.	4	1.43	98.57
30	580.00 -	600.00	0	0.00	0.00	100.00	1176. - 1478.	0	0.00	98.57
31							1479. - 2000.	1	0.36	98.92
							> 2000.	3	1.08	100.00
TOTAL			263	94.27	100.00		279			100.00

LIST OF DATA ABOVE MAXIMUM VALUE ( 600)

8330.0 5080.0 821.0 602.0 1940.0 1170.0 910.0 684.0 1100.0 668.0  
 725.0 1040.0 997.0 3980.0 838.0 893.0

DELROCKS

NUMBER OF VALUES IS 278 VARIABLE NAME IS: ZN  
 CALCULATED PARAMETERS: MEAN= 167.9784 STD.DEV.= 658.2085 VARIANCE= 433238.3120 NO. VALUES USED= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1	-1559.8191	0	0.0		*****
2	-1395.2671	0	0.0		*****
3	-1230.7151	0	0.0		*****
4	-1066.1631	0	0.0		*****
5	-901.6111	0	0.0		*****
6	-737.0591	0	0.0		*****
7	-572.5071	0	0.0		*****
8	-407.9551	0	0.0		*****
9	-243.4031	0	0.0		*****
10	-78.8510	0	0.0		*****
11	85.7012	207	74.5	*****	1.9330
12	250.2533	42	15.1	*****	2.3984
13	414.8054	9	3.2	***	2.6178
14	579.3577	4	1.4	*	2.7629
15	743.9099	4	1.4	*	2.8715
16	908.4622	3	1.1	*	2.9583
17	1073.0144	3	1.1	*	3.0306
18	1237.5667	2	0.7	*	3.0926
19	1402.1189	0	0.0		3.1468
20	1566.6711	0	0.0		3.1950
21	1731.2234	0	0.0		3.2384

LOG VALUES.....: MEAN= 1.5831 STD.DEV.= 0.6264 VARIANCE= 0.3924 NO. VALUES= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH. LIMIT
1	-0.0613	0	0.0		0.8685
2	0.0953	0	0.0		1.2455
3	0.2519	0	0.0		1.7863
4	0.4085	0	0.0		2.5618
5	0.5651	3	1.1	*	3.6741
6	0.7218	9	3.2	***	5.2693
7	0.8784	16	5.8	*****	7.5570
8	1.0350	21	7.6	*****	10.8380
9	1.1916	29	10.4	*****	15.5436
10	1.3482	37	13.3	*****	22.2922
11	1.5048	35	12.6	*****	31.9708
12	1.6614	24	8.6	*****	45.8516
13	1.8180	24	8.6	*****	65.7590
14	1.9746	13	4.7	*****	94.3097
15	2.1312	15	5.4	*****	135.2563
16	2.2878	14	5.0	*****	193.9805
17	2.4444	9	3.2	***	278.2012
18	2.6010	7	2.5	***	398.9880
19	2.7576	6	2.2	**	572.2173
20	2.9142	4	1.4	*	820.6575
21	3.0708	8	2.9	***	1176.9634







STATISTICAL SUMMARY

NAME	NO. OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD. DEV.	MEAN	STD. DEV.
ZN	278	167.974	658.205	1.583	0.626

#### IV) BARIUM STATISTICAL PLOTS



TOTAL NUMBER OF SAMPLES PLOTTED = 271 ELEMENT BA  
 NUMBER OF MISSING VALUES = 0  
 SAMPLES ABOVE MAXIMUM = 8 PERCENT OF POPULATION = 2.87

MEAN OF SAMPLES = 670.22  
 STANDARD DEVIATION = 483.56  
 MEDIAN OF SAMPLES = 585.50

PERCENT (TOTAL NUMBER OF DATA) 279 ADJUSTED PERCENT ( DATA USED IN HISTOGRAM) 271

CLASS	INTERVAL LOWER PT.	INTERVAL UPPER PT.	FREQUENCY	PERCENT	ADJUSTED PERCENT	CUMULATIVE PERCENT	CLASS INTERVAL	FREQUENCY	PERCENT	PERCENT
1	0.00	100.00	8	2.87	2.95	2.95	<1.0	0	0.00	0.00
2	100.00	200.00	24	8.60	8.86	11.81	1. - 2.	0	0.00	0.00
3	200.00	300.00	20	7.17	7.38	19.19	2. - 3.	0	0.00	0.00
4	300.00	400.00	26	9.32	9.59	28.78	3. - 4.	0	0.00	0.00
5	400.00	500.00	34	12.19	12.55	41.33	4. - 5.	0	0.00	0.00
6	500.00	600.00	30	10.75	11.07	52.40	5. - 6.	0	0.00	0.00
7	600.00	700.00	39	13.98	14.39	66.79	6. - 7.	0	0.00	0.00
8	700.00	800.00	26	9.32	9.59	76.38	7. - 8.	0	0.00	0.00
9	800.00	900.00	12	4.30	4.43	80.81	8. - 9.	0	0.00	0.00
10	900.00	1000.00	8	2.87	2.95	83.76	9. - 10.	0	0.00	0.00
11	1000.00	1100.00	6	2.15	2.21	85.98	10. - 11.	0	0.00	0.00
12	1100.00	1200.00	2	0.72	0.74	86.72	11. - 12.	0	0.00	0.00
13	1200.00	1300.00	7	2.51	2.58	89.30	12. - 13.	1	0.36	0.36
14	1300.00	1400.00	4	1.43	1.48	90.77	13. - 14.	0	0.00	0.36
15	1400.00	1500.00	6	2.15	2.21	92.99	14. - 15.	1	0.36	0.72
16	1500.00	1600.00	3	1.08	1.11	94.10	15. - 16.	2	0.72	1.43
17	1600.00	1700.00	3	1.08	1.11	95.20	16. - 17.	2	0.72	2.15
18	1700.00	1800.00	1	0.36	0.37	95.57	17. - 18.	1	0.36	2.51
19	1800.00	1900.00	3	1.08	1.11	96.68	18. - 19.	5	1.79	4.30
20	1900.00	2000.00	2	0.72	0.74	97.42	19. - 20.	9	3.23	7.53
21	2000.00	2100.00	2	0.72	0.74	98.15	20. - 21.	7	2.51	10.04
22	2100.00	2200.00	1	0.36	0.37	98.52	21. - 22.	10	3.58	13.62
23	2200.00	2300.00	1	0.36	0.37	98.89	22. - 23.	13	4.66	18.28
24	2300.00	2400.00	0	0.00	0.00	98.89	23. - 24.	15	5.38	23.66
25	2400.00	2500.00	0	0.00	0.00	98.89	24. - 25.	36	12.90	36.56
26	2500.00	2600.00	1	0.36	0.37	99.26	25. - 26.	35	12.54	49.10
27	2600.00	2700.00	0	0.00	0.00	99.26	26. - 27.	52	18.64	67.74
28	2700.00	2800.00	1	0.36	0.37	99.63	27. - 28.	35	12.54	80.29
29	2800.00	2900.00	0	0.00	0.00	99.63	28. - 29.	10	3.58	83.87
30	2900.00	3000.00	1	0.36	0.37	100.00	29. - 30.	16	5.73	89.61
31							30. - 31.	14	5.02	94.62
							> 2000.	15	5.38	100.00
TOTAL			271	97.13	100.00			279	100.00	

LIST OF DATA ABOVE MAXIMUM VALUE ( 3000 )

20972.0 18513.0 14084.0 23987.0 22443.0 31374.0235267.0 3980.0

DELROCKS  
 NUMBER OF VALUES IS 278 VARIABLE NAME IS: BA  
 CALCULATED PARAMETERS: MEAN= 1911.0681 STD.DEV.= 14362.5391 VARIANCE=\*\*\*\*\* NO.VALUES USED= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1	-35790.6016	0	0.0		*****
2	-32199.9687	0	0.0		*****
3	-28609.3359	0	0.0		*****
4	-25018.7031	0	0.0		*****
5	-21428.0703	0	0.0		*****
6	-17837.4375	0	0.0		*****
7	-14246.8047	0	0.0		*****
8	-10656.1719	0	0.0		*****
9	-7065.5391	0	0.0		*****
10	-3474.9043	0	0.0		*****
11	115.7305	11	4.0	****	2.0634
12	3706.3652	260	93.5	*****	3.5689
13	7297.0000	1	0.4		3.8631
14	10887.6367	0	0.0		4.0369
15	14478.2734	1	0.4		4.1607
16	18068.9102	0	0.0		4.2569
17	21659.5469	1	0.4		4.3356
18	25250.1836	2	0.7	*	4.4023
19	28840.8203	0	0.0		4.4600
20	32431.4570	1	0.4		4.5110
21	36022.0937	0	0.0		4.5566

LOG VALUES.....: MEAN= 2.7570 STD.DEV.= 0.4285 VARIANCE= 0.1836 NO. VALUES= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH. LIMIT
1	1.6321	0	0.0		42.8691
2	1.7393	2	0.7	*	54.8620
3	1.8464	2	0.7	*	70.2100
4	1.9535	1	0.4		89.8516
5	2.0607	4	1.4	*	114.9882
6	2.1678	10	3.6	****	147.1568
7	2.2749	7	2.5	***	188.3247
8	2.3820	11	4.0	****	241.0098
9	2.4892	14	5.0	*****	308.4336
10	2.5963	24	8.6	*****	394.7197
11	2.7034	37	13.3	*****	505.1453
12	2.8105	49	17.6	*****	646.4622
13	2.9177	48	17.3	*****	827.3142
14	3.0248	22	7.9	*****	1058.7605
15	3.1319	10	3.6	****	1354.9543
16	3.2391	15	5.4	*****	1734.0115
17	3.3462	9	3.2	***	2219.1125
18	3.4533	3	1.1	*	2839.9207
19	3.5604	1	0.4		3634.4067
20	3.6676	1	0.4		4651.1523
21	3.7747	0	0.0		5952.3398







STATISTICAL SUMMARY

NAME	NO. OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD. DEV.	MEAN	STD. DEV.
BA	278	1911.014	14362.512	2.757	0.429

V) LEAD STATISTICAL PLOTS

HISTOGRAM FOR ELEMENT PB

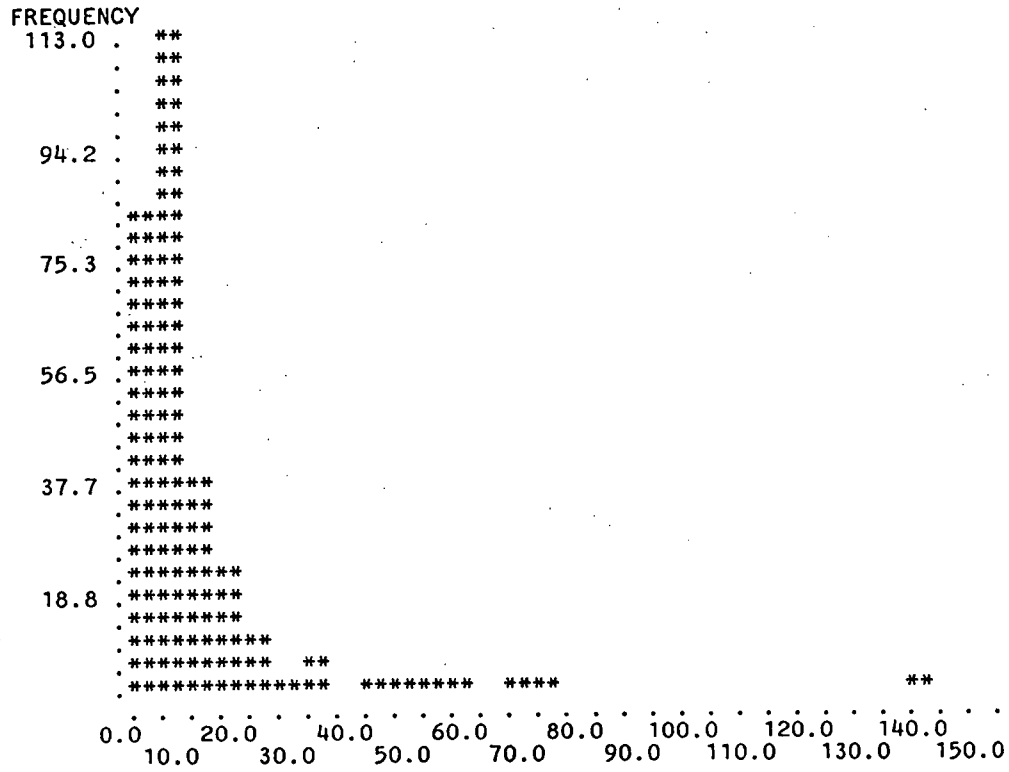


FIGURE : DELROCKS

TOTAL NUMBER OF SAMPLES PLOTTED = 275 ELEMENT PB  
 NUMBER OF MISSING VALUES = 0  
 SAMPLES ABOVE MAXIMUM = 4 PERCENT OF POPULATION = 1.43

MEAN OF SAMPLES = 10.00  
 STANDARD DEVIATION = 12.07  
 MEDIAN OF SAMPLES = 6.00

PERCENT (TOTAL NUMBER OF DATA) 279 ADJUSTED PERCENT ( DATA USED IN HISTOGRAM) 275

CLASS	INTERVAL LOWER PT.	INTERVAL UPPER PT.	FREQUENCY	PERCENT	ADJUSTED PERCENT	CUMULATIVE PERCENT	CLASS INTERVAL	FREQUENCY	PERCENT	PERCENT
1	0.00 -	5.00	82	29.39	29.82	29.82	<1.0	0	0.00	0.00
2	5.00 -	10.00	113	40.50	41.09	70.91	1. - 2.	0	0.00	0.00
3	10.00 -	15.00	35	12.54	12.73	83.64	2. - 3.	0	0.00	0.00
4	15.00 -	20.00	20	7.17	7.27	90.91	3. - 4.	0	0.00	0.00
5	20.00 -	25.00	9	3.23	3.27	94.18	4. - 5.	82	29.39	29.39
6	25.00 -	30.00	3	1.08	1.09	95.27	5. - 5.	24	8.60	37.99
7	30.00 -	35.00	6	2.15	2.18	97.45	6. - 7.	64	22.94	60.93
8	35.00 -	40.00	0	0.00	0.00	97.45	8. - 9.	25	8.96	69.89
9	40.00 -	45.00	1	0.36	0.36	97.82	10. - 11.	18	6.45	76.34
10	45.00 -	50.00	1	0.36	0.36	98.18	12. - 14.	17	6.09	82.44
11	50.00 -	55.00	1	0.36	0.36	98.55	15. - 18.	19	6.81	89.25
12	55.00 -	60.00	1	0.36	0.36	98.91	19. - 23.	8	2.87	92.11
13	60.00 -	65.00	0	0.00	0.00	98.91	24. - 29.	5	1.79	93.91
14	65.00 -	70.00	1	0.36	0.36	99.27	30. - 37.	6	2.15	96.06
15	70.00 -	75.00	1	0.36	0.36	99.64	38. - 46.	1	0.36	96.42
16	75.00 -	80.00	0	0.00	0.00	99.64	47. - 58.	3	1.08	97.49
17	80.00 -	85.00	0	0.00	0.00	99.64	59. - 74.	2	0.72	98.21
18	85.00 -	90.00	0	0.00	0.00	99.64	75. - 93.	0	0.00	98.21
19	90.00 -	95.00	0	0.00	0.00	99.64	94. - 117.	0	0.00	98.21
20	95.00 -	100.00	0	0.00	0.00	99.64	118. - 147.	1	0.36	98.57
21	100.00 -	105.00	0	0.00	0.00	99.64	148. - 186.	1	0.36	98.92
22	105.00 -	110.00	0	0.00	0.00	99.64	187. - 234.	2	0.72	99.64
23	110.00 -	115.00	0	0.00	0.00	99.64	235. - 295.	0	0.00	99.64
24	115.00 -	120.00	0	0.00	0.00	99.64	296. - 371.	0	0.00	99.64
25	120.00 -	125.00	0	0.00	0.00	99.64	372. - 467.	0	0.00	99.64
26	125.00 -	130.00	0	0.00	0.00	99.64	468. - 588.	0	0.00	99.64
27	130.00 -	135.00	0	0.00	0.00	99.64	589. - 741.	0	0.00	99.64
28	135.00 -	140.00	1	0.36	0.36	100.00	742. - 933.	1	0.36	100.00
29	140.00 -	145.00	0	0.00	0.00	100.00	934. - 1175.	0	0.00	100.00
30	145.00 -	150.00	0	0.00	0.00	100.00	1176. - 1478.	0	0.00	100.00
31			0	0.00	0.00	100.00	1479. - 2000.	0	0.00	100.00
							> 2000.	0	0.00	100.00
TOTAL			275	98.57	100.00			279	100.00	

LIST OF DATA ABOVE MAXIMUM VALUE ( 150)

925.0 219.0 172.0 217.0

DELROCKS

NUMBER OF VALUES IS 278 VARIABLE NAME IS: PB  
 CALCULATED PARAMETERS: MEAN= 12.0755 STD.DEV.= 23.3839 VARIANCE= 546.8064 NO.VALUES USED= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF ARITHMETIC VALUES	LOG LIMIT
1	-49.3072	0	0.0		*****
2	-43.4612	0	0.0		*****
3	-37.6152	0	0.0		*****
4	-31.7693	0	0.0		*****
5	-25.9233	0	0.0		*****
6	-20.0774	0	0.0		*****
7	-14.2314	0	0.0		*****
8	-8.3854	0	0.0		*****
9	-2.5394	0	0.0		*****
10	3.3065	0	0.0		0.5194
11	9.1525	195	70.1	*****	0.9615
12	14.9985	35	12.6	*****	1.1760
13	20.8445	24	8.6	*****	1.3190
14	26.6904	6	2.2	**	1.4264
15	32.5364	6	2.2	**	1.5124
16	38.3824	2	0.7	*	1.5841
17	44.2284	1	0.4		1.6457
18	50.0743	1	0.4		1.6996
19	55.9203	2	0.7	*	1.7476
20	61.7663	0	0.0		1.7908
21	67.6123	1	0.4		1.8300

LOG VALUES.....: MEAN= 0.8903 STD.DEV.= 0.3195 VARIANCE= 0.1021 NO. VALUES= 278

CELL	LOWER LIMIT	NO	PCT	PERCENTAGE HISTOGRAM OF LOGARITHMIC VALUES	ARITH. LIMIT
1	0.0515	0	0.0		1.1259
2	0.1314	0	0.0		1.3533
3	0.2113	0	0.0		1.6266
4	0.2912	0	0.0		1.9551
5	0.3711	0	0.0		2.3500
6	0.4509	0	0.0		2.8246
7	0.5308	0	0.0		3.3950
8	0.6107	82	29.5	*****	4.0806
9	0.6906	0	0.0		4.9046
10	0.7705	24	8.6	*****	5.8951
11	0.8504	64	23.0	*****	7.0857
12	0.9303	13	4.7	*****	8.5166
13	1.0102	23	8.3	*****	10.2365
14	1.0900	10	3.6	****	12.3038
15	1.1699	14	5.0	*****	14.7885
16	1.2498	16	5.8	*****	17.7751
17	1.3297	10	3.6	****	21.3648
18	1.4096	4	1.4	*	25.6794
19	1.4895	4	1.4	*	30.8653
20	1.5694	4	1.4	*	37.0986
21	1.6492	1	0.4		44.5907

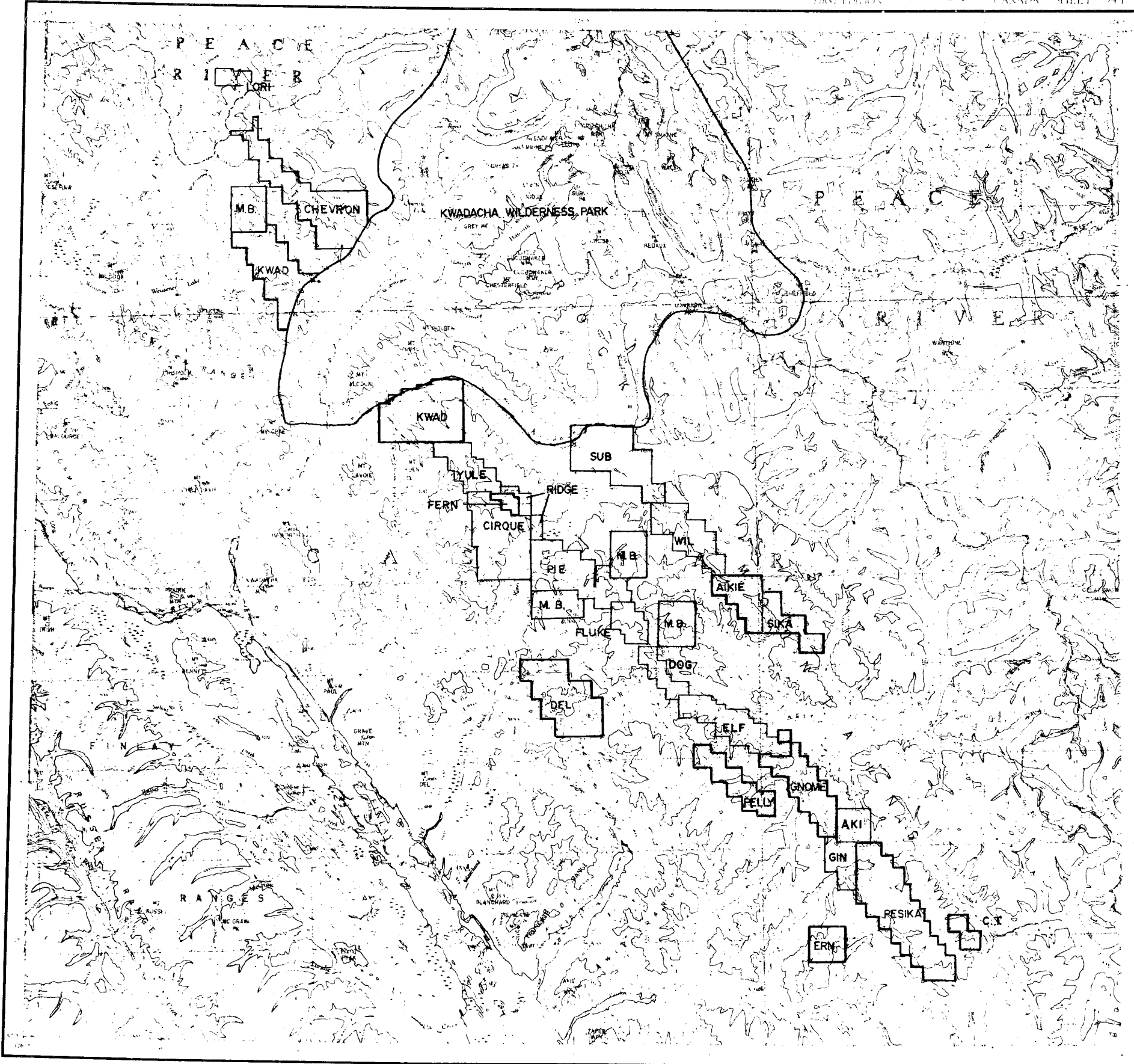






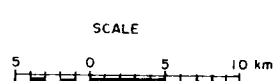
STATISTICAL SUMMARY

NAME	NO. OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD. DEV.	MEAN	STD. DEV.
PB	278	12.075	23.383	0.890	0.320



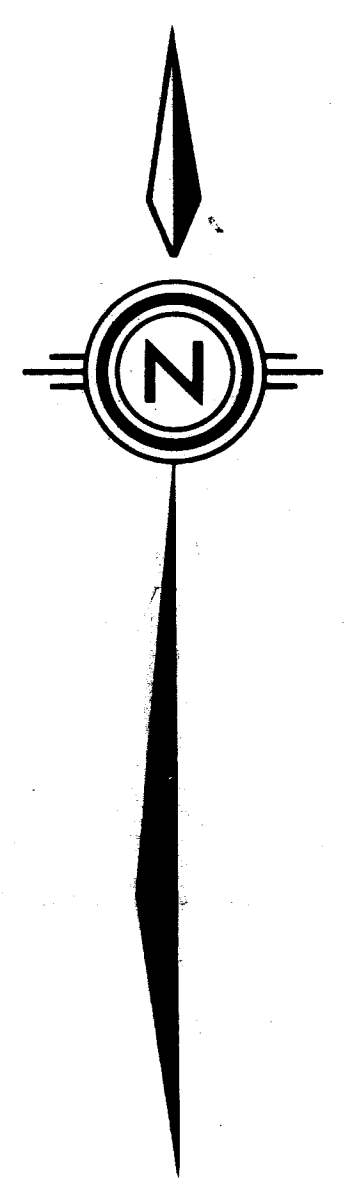
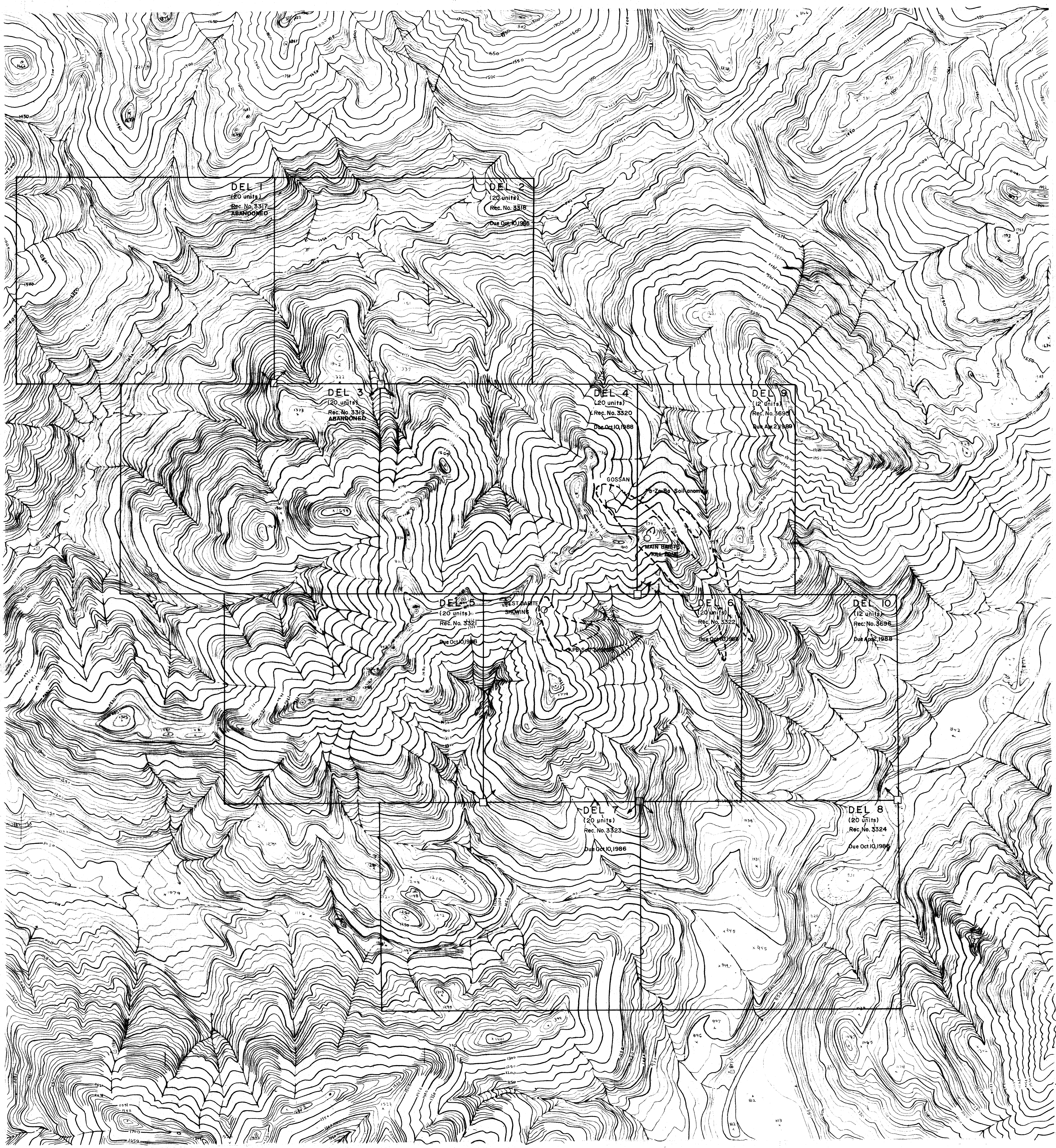
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,177**



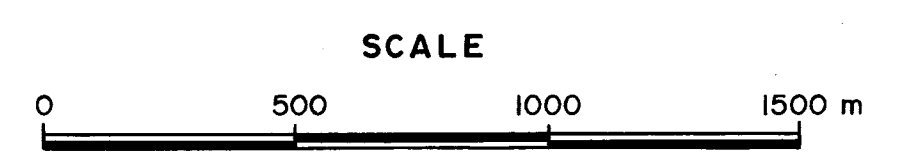
<b>AIKIE PROPERTIES</b>				94 F
Drawn by	KRP	Traced by		
Revised by		Revised by		
CLAIM LOCATION MAP				
DEL CLAIMS				
Scale	1 500,000	Date	Dec. 85	Plate
				i





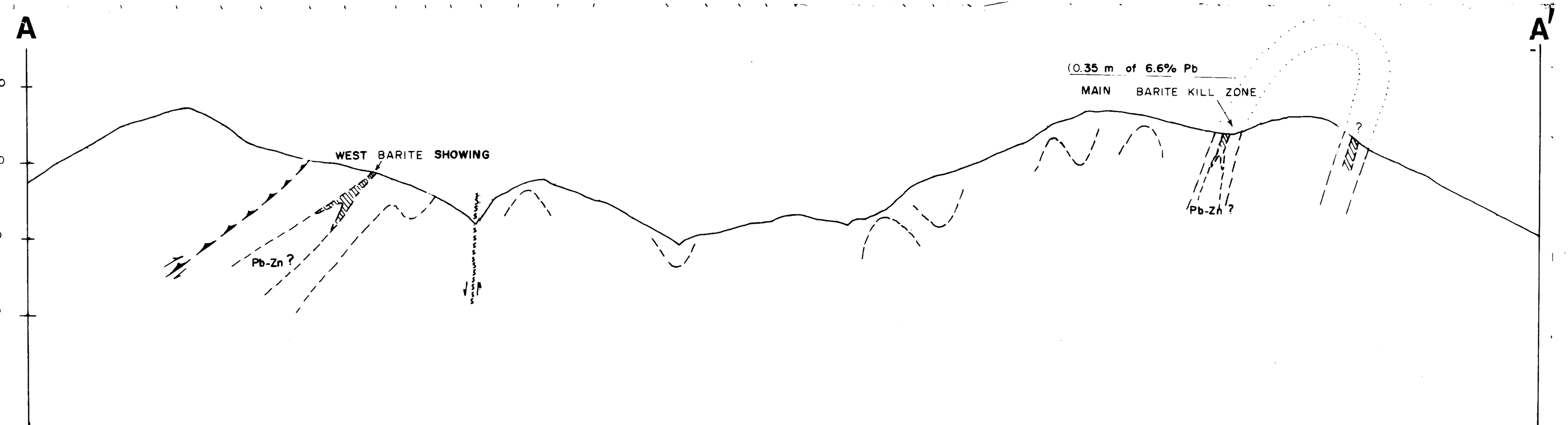
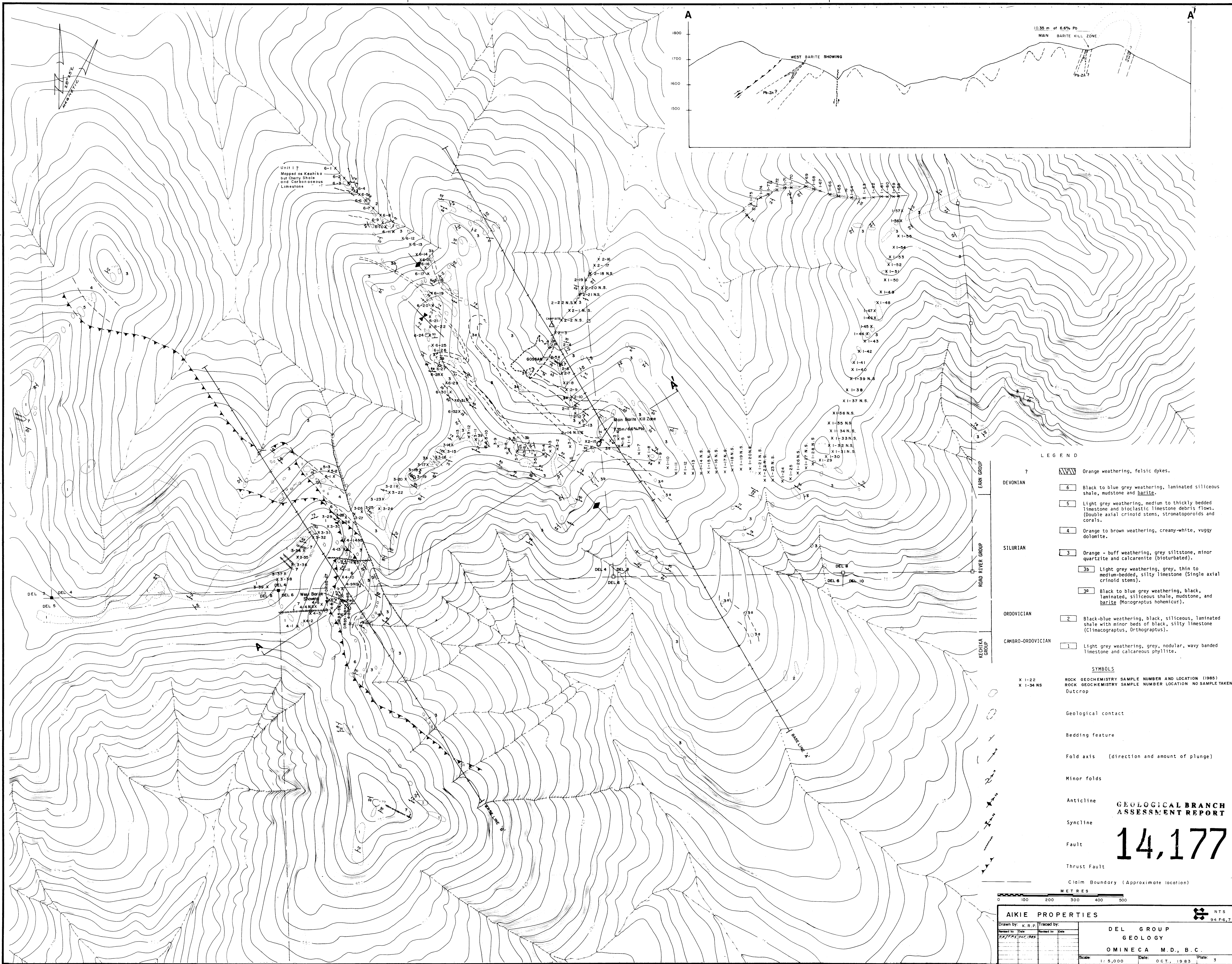
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

14,177



AIIKIE PROPERTIES		94F/7	
Drawn by: <i>K.R.D.</i>	Traced by:	DEL GROUP	
Checked by: <i>J.J.R.</i>	Checked by: <i>J.S.</i>	CLAIM MAP	
Date: <i>07-83</i>	Date: <i>85</i>	OMINECA M.D., B.C.	
Scale: 1:15,000	Date: October, 1981	Plate: 2	





- LEGEND**
- 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.
  - 3 Orange - buff weathering, grey siltstone, minor quartzite and calcarenite (bioturbated).
  - 3b Light grey weathering, grey, thin to medium-bedded, silty limestone (Single axial crinoid stems).
  - 3a Black to blue grey weathering, black, laminated, siliceous shale, mudstone, and **barite** (*Monograptus hohemius*).
  - 2 Black-blue weathering, black, siliceous, laminated shale with minor beds of black, silty limestone (*Climacograptus*, *Orthograptus*).
  - 1 Light grey weathering, grey, nodular, wavy banded limestone and calcareous phyllite.

**SYMBOLS**

- X 1-22 ROCK GEOCHEMISTRY SAMPLE NUMBER AND LOCATION (1985)
- X 1-34 NS ROCK GEOCHEMISTRY SAMPLE NUMBER LOCATION NO SAMPLE TAKEN

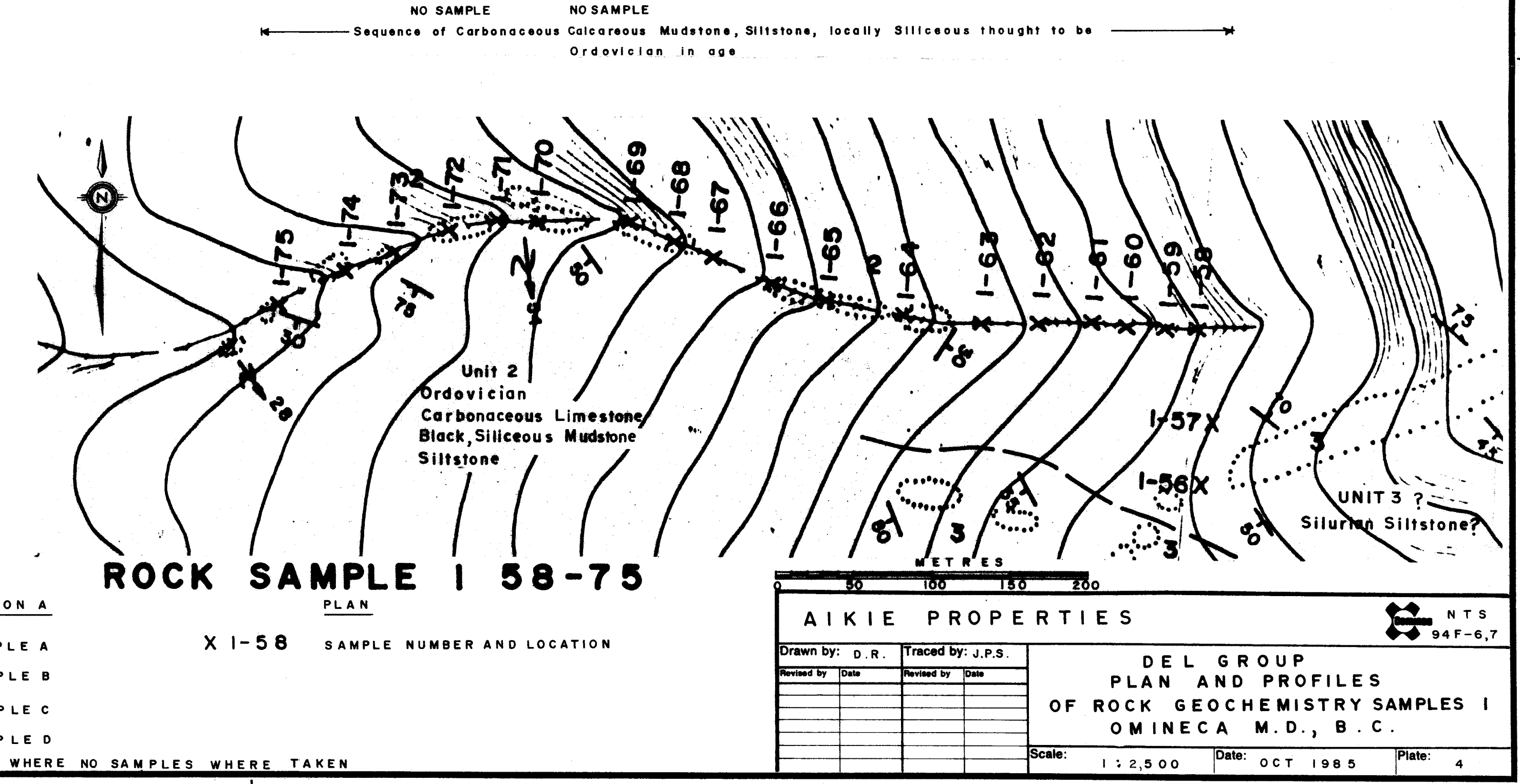
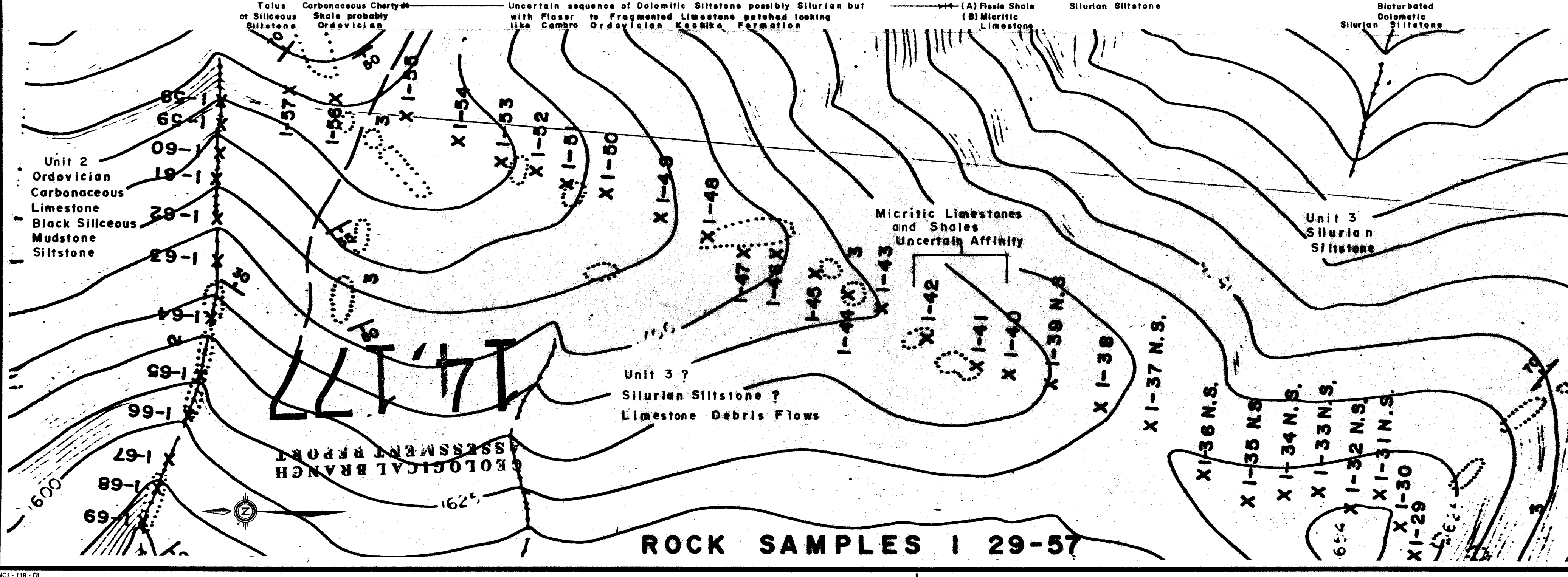
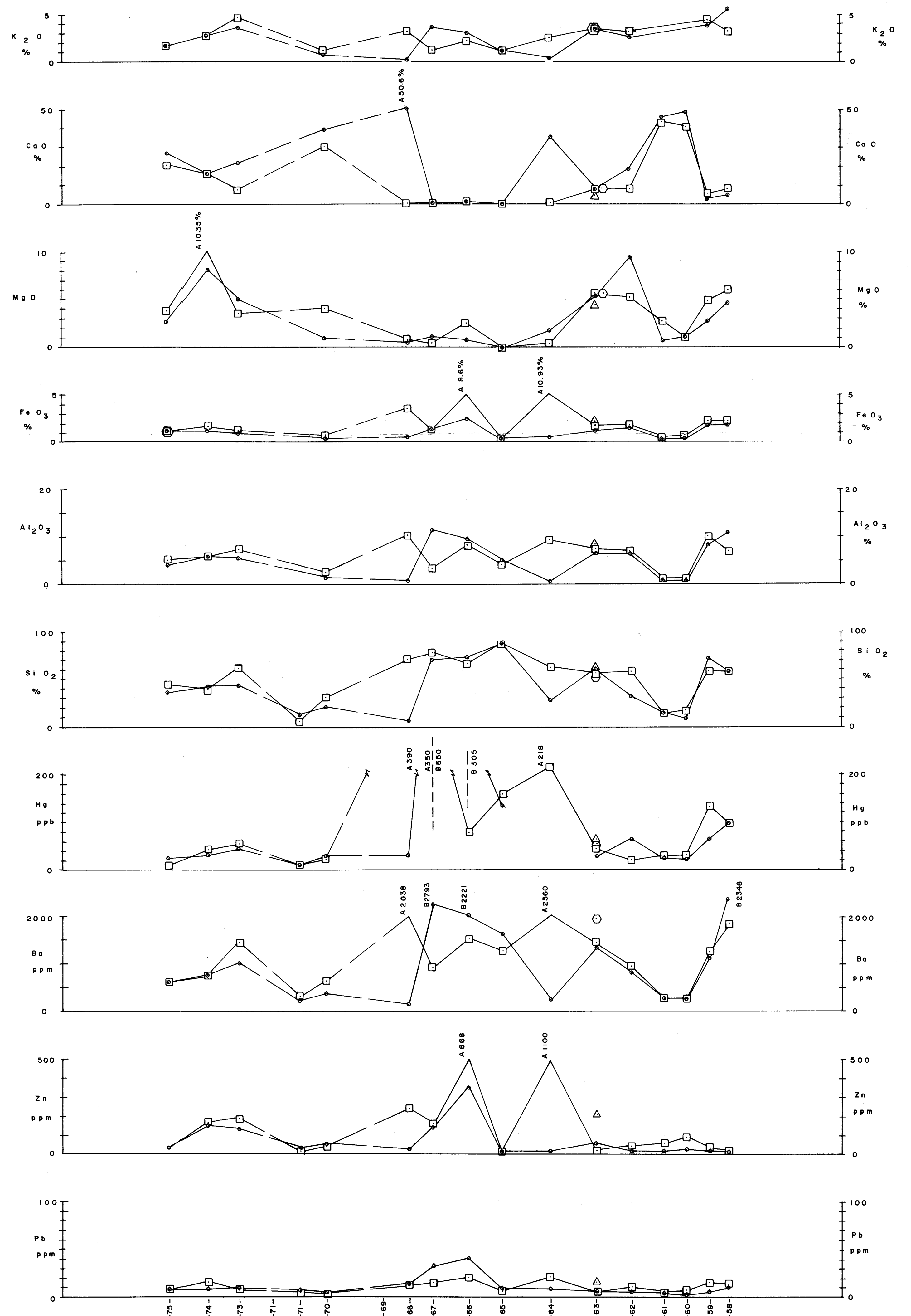
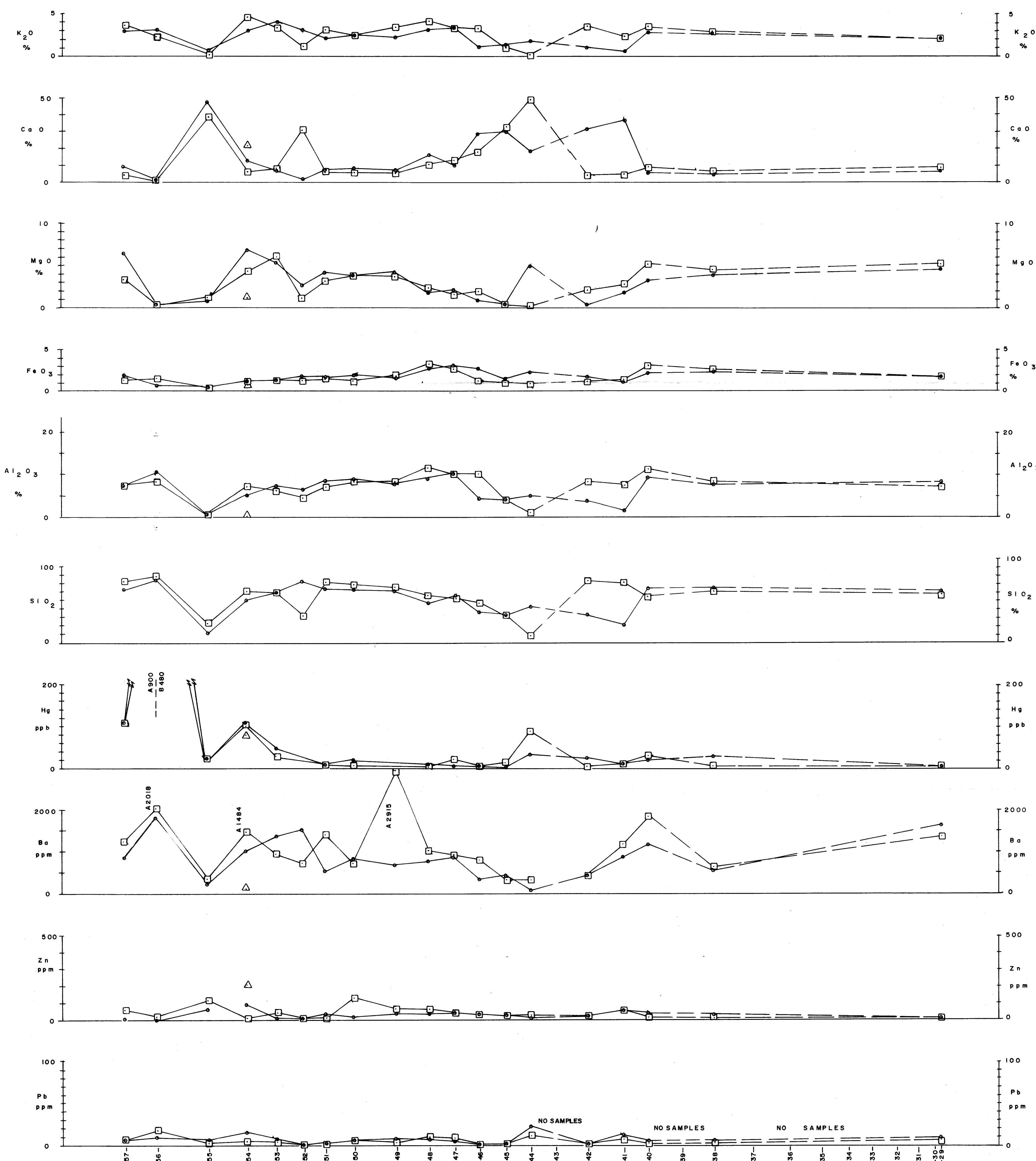
- Geological contact
- Bedding feature
- Fold axis (direction and amount of plunge)
- Minor folds
- Anticline
- Syncline
- Fault
- Thrust Fault
- Claim Boundary (Approximate location)

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

# 14,177

<b>AIKIE PROPERTIES</b>		NTS 94 F.6, 7
Drawn by: K.R.P.	Traced by:	
Checked by: J.P.P.	Reviewed by: Date:	
<b>DEL GROUP GEOLOGY</b>		
<b>OMINECA M.D., B.C.</b>		
Scale: 1:5,000	Date: OCT., 1983	Plate: 3

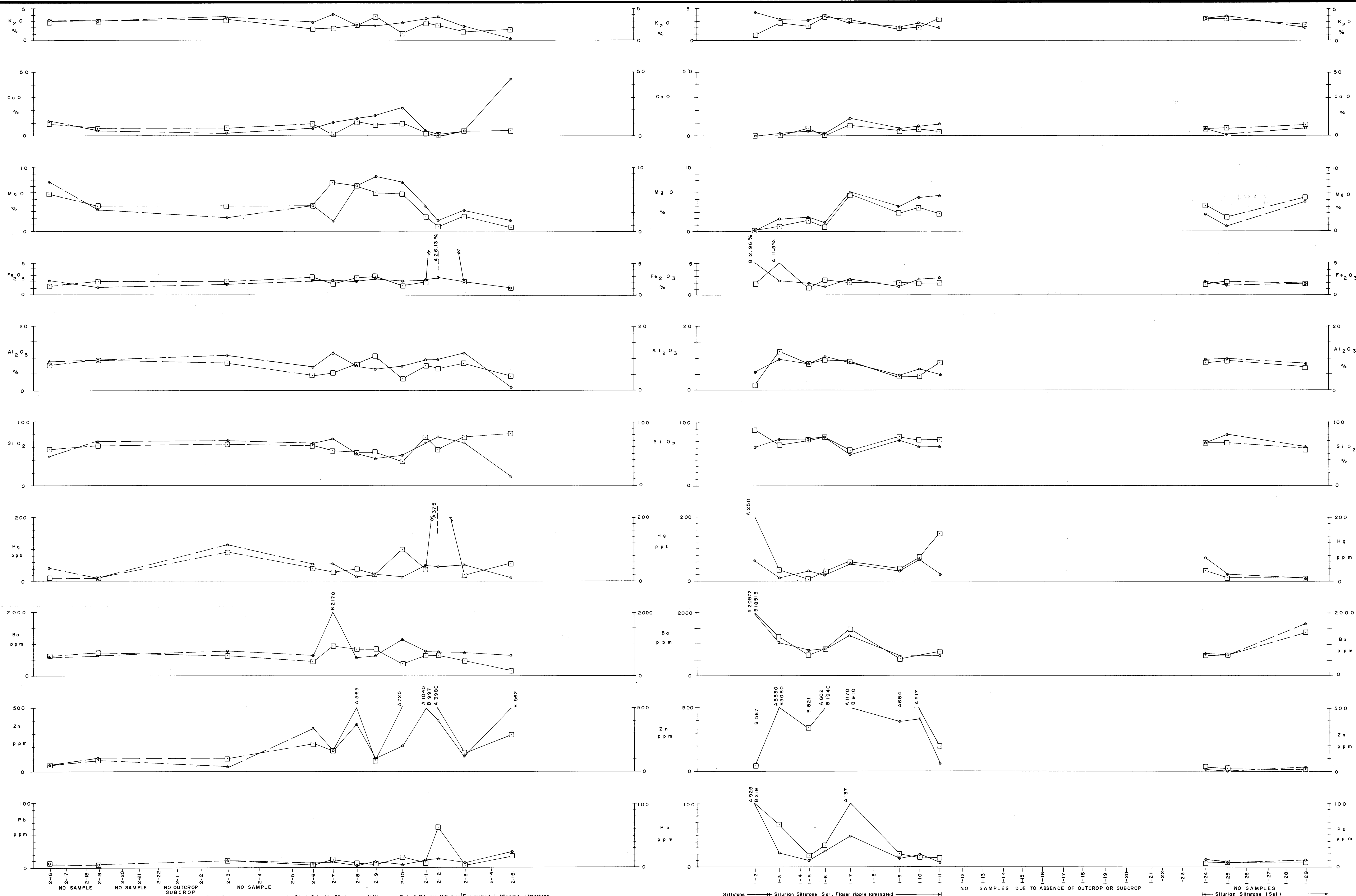




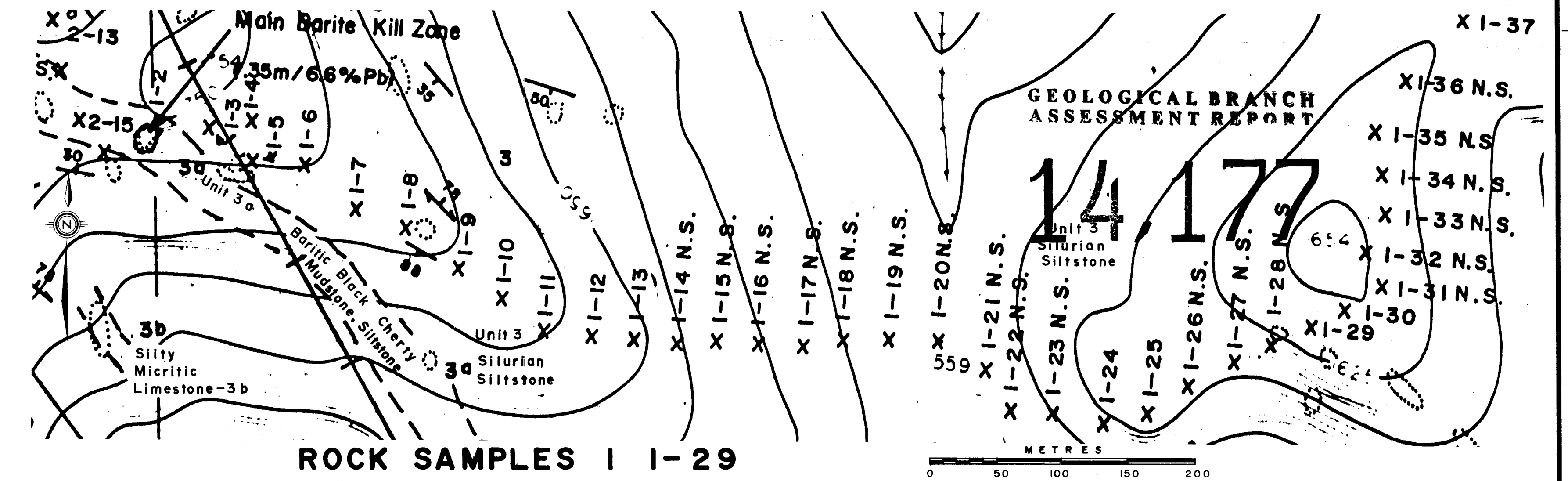
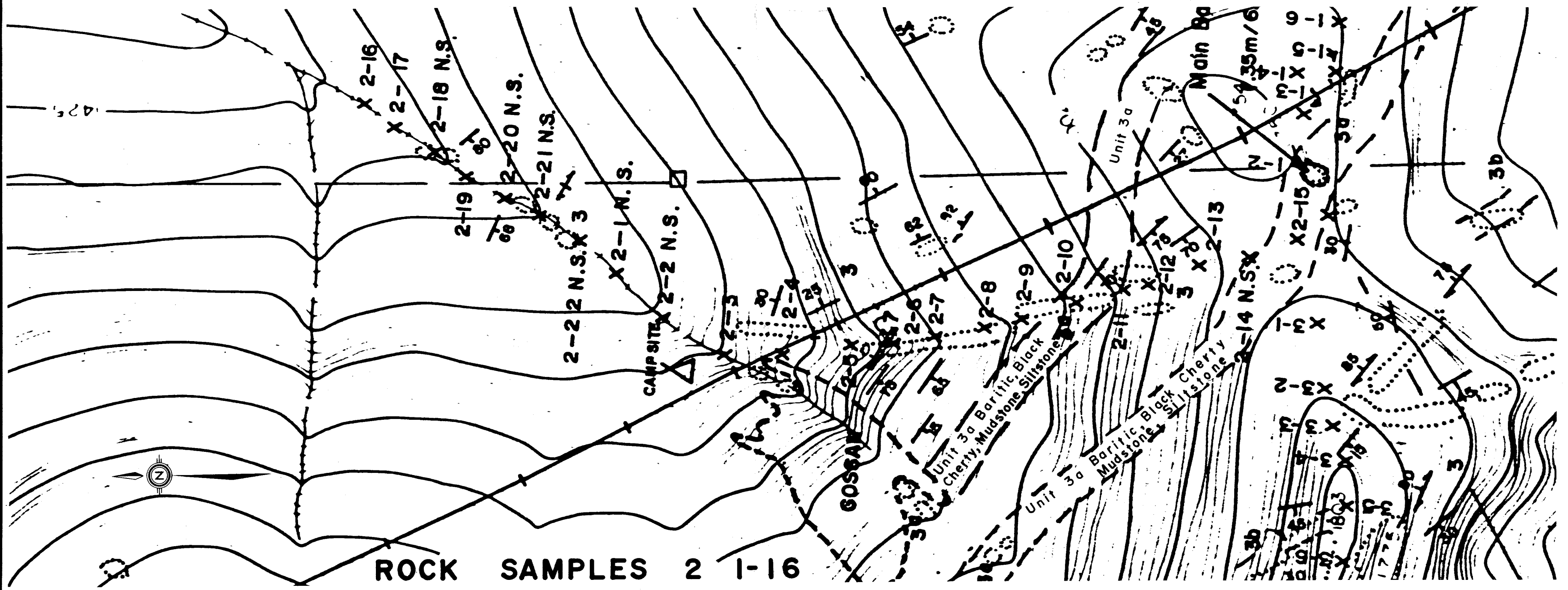
**AIKIE PROPERTIES**

DEL GROUP  
PLAN AND PROFILES  
OF ROCK GEOCHEMISTRY SAMPLES I  
OMINECA M.D., B.C.

Scale: 1:2,500 Date: OCT 1985 Plate: 4



Siltstone fine grained  
 Siltstone Sst, Flaser ripple laminated  
 NO SAMPLES DUE TO ABSENCE OF OUTCROP OR SUBCROP  
 NO SAMPLES  
 Siltstone (Sst) Bioturbated Flaser to ripple cross laminated



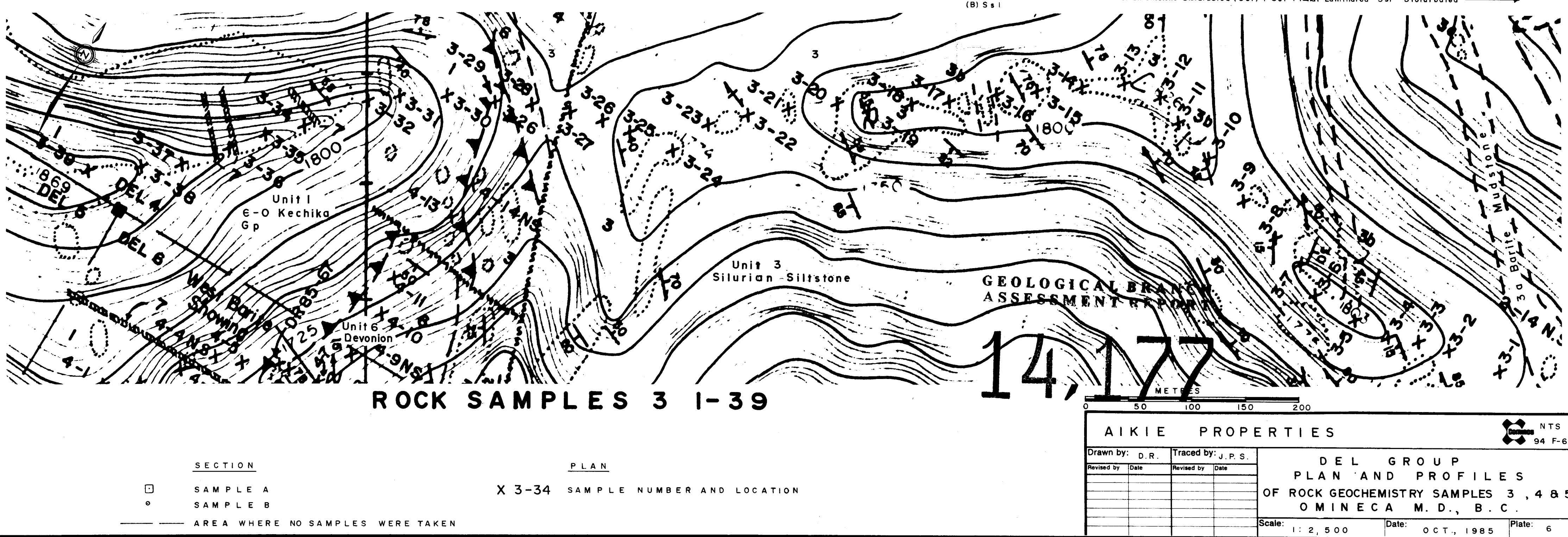
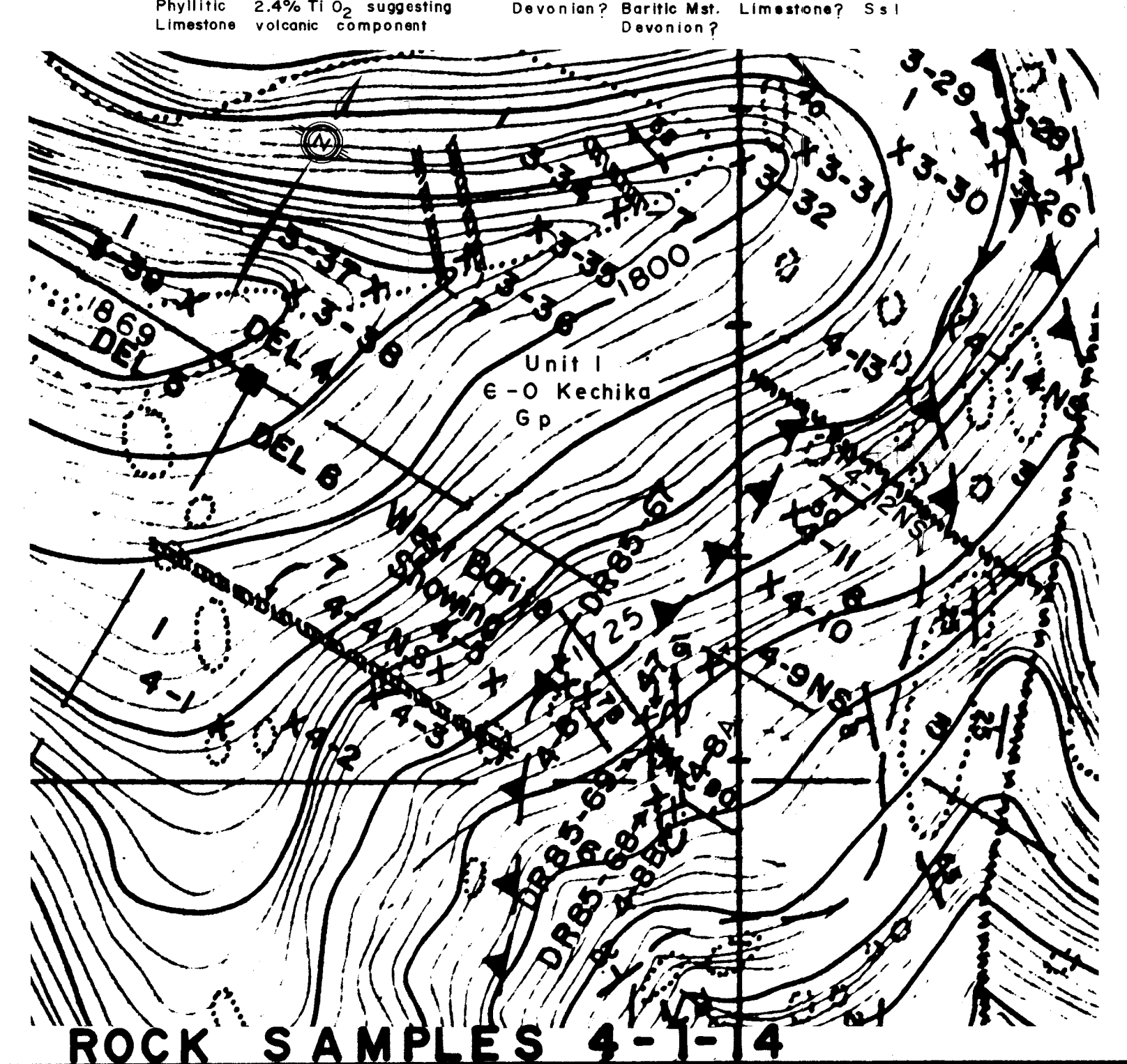
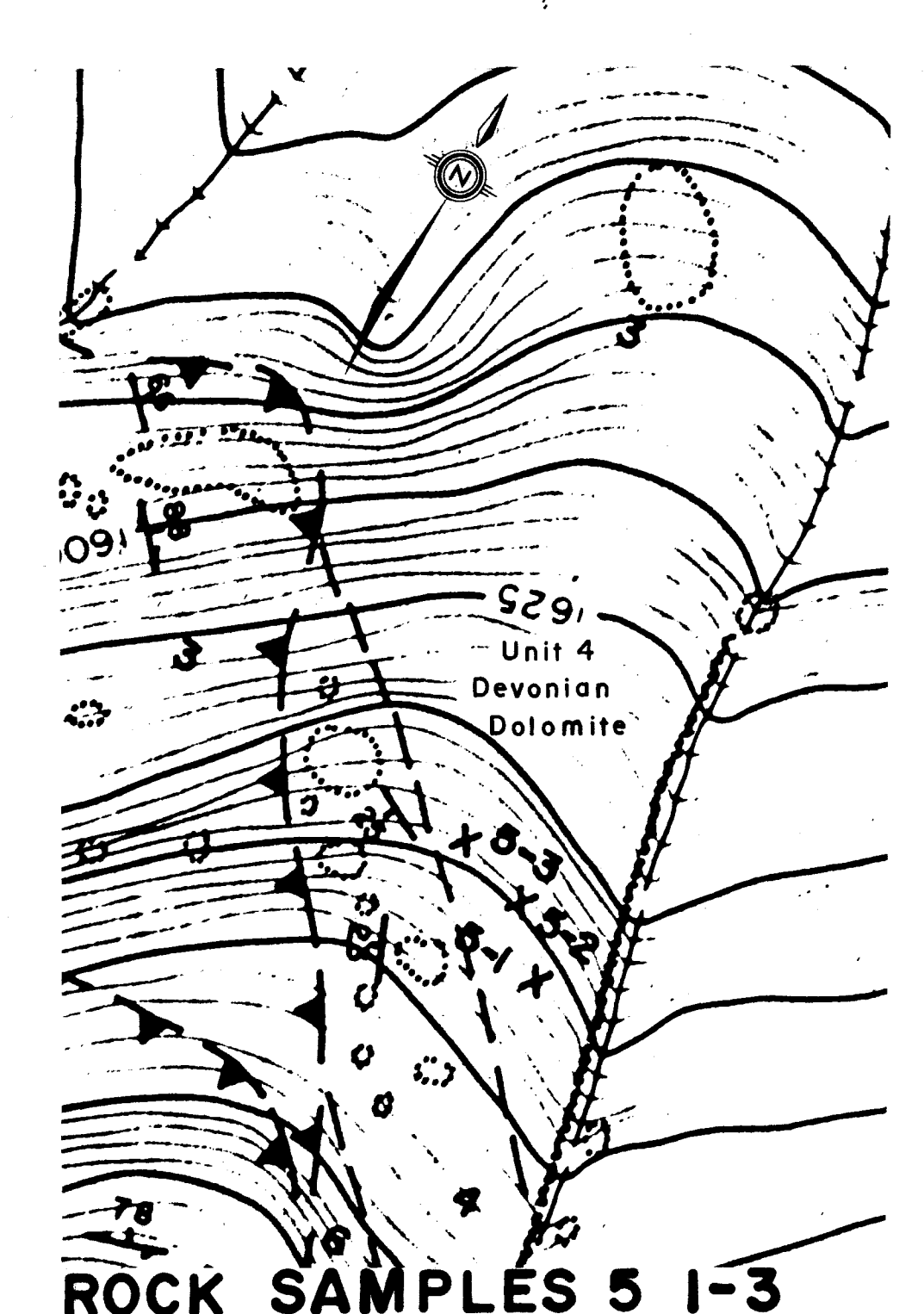
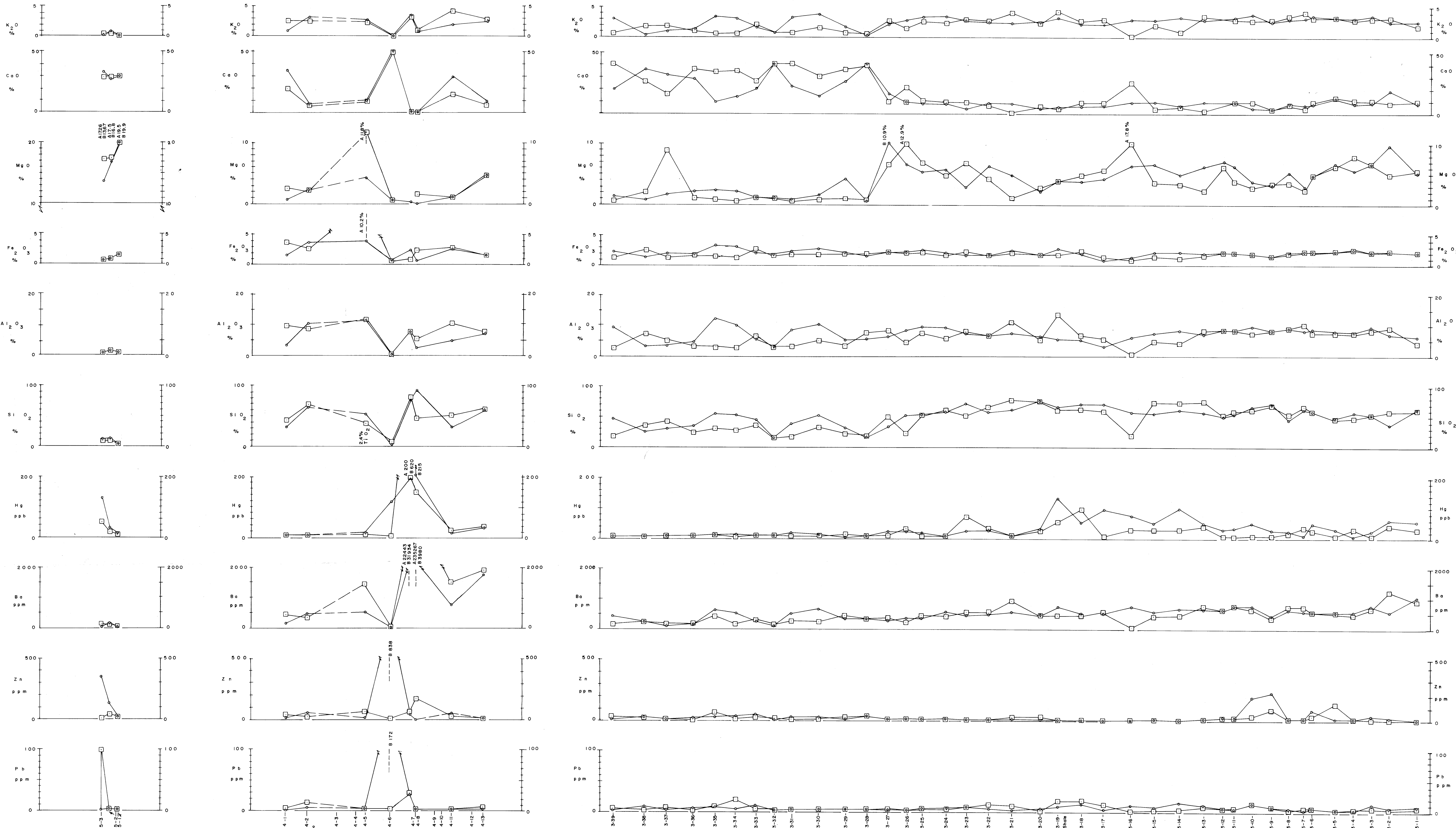
**GEOLOGICAL BRANCH ASSESSMENT REPORT**  
**14 177**  
 Unit 3 Siltstone  
 Unit 3a Baritic Black Cherty Siltstone  
 Unit 3b Silty Micritic Limestone-3b  
 Unit 3c Siltstone  
 X 1-21 N.S.  
 X 1-22 N.S.  
 X 1-23 N.S.  
 X 1-24  
 X 1-25  
 X 1-26 N.S.  
 X 1-27 N.S.  
 X 1-28 N.S.  
 X 1-29  
 X 1-30  
 X 1-31 N.S.  
 X 1-32 N.S.  
 X 1-33 N.S.  
 X 1-34 N.S.  
 X 1-35 N.S.  
 X 1-36 N.S.  
 X 1-37

SECTION  
 □ SAMPLE A  
 ○ SAMPLE B  
 — AREA WHERE NO SAMPLES WERE TAKEN

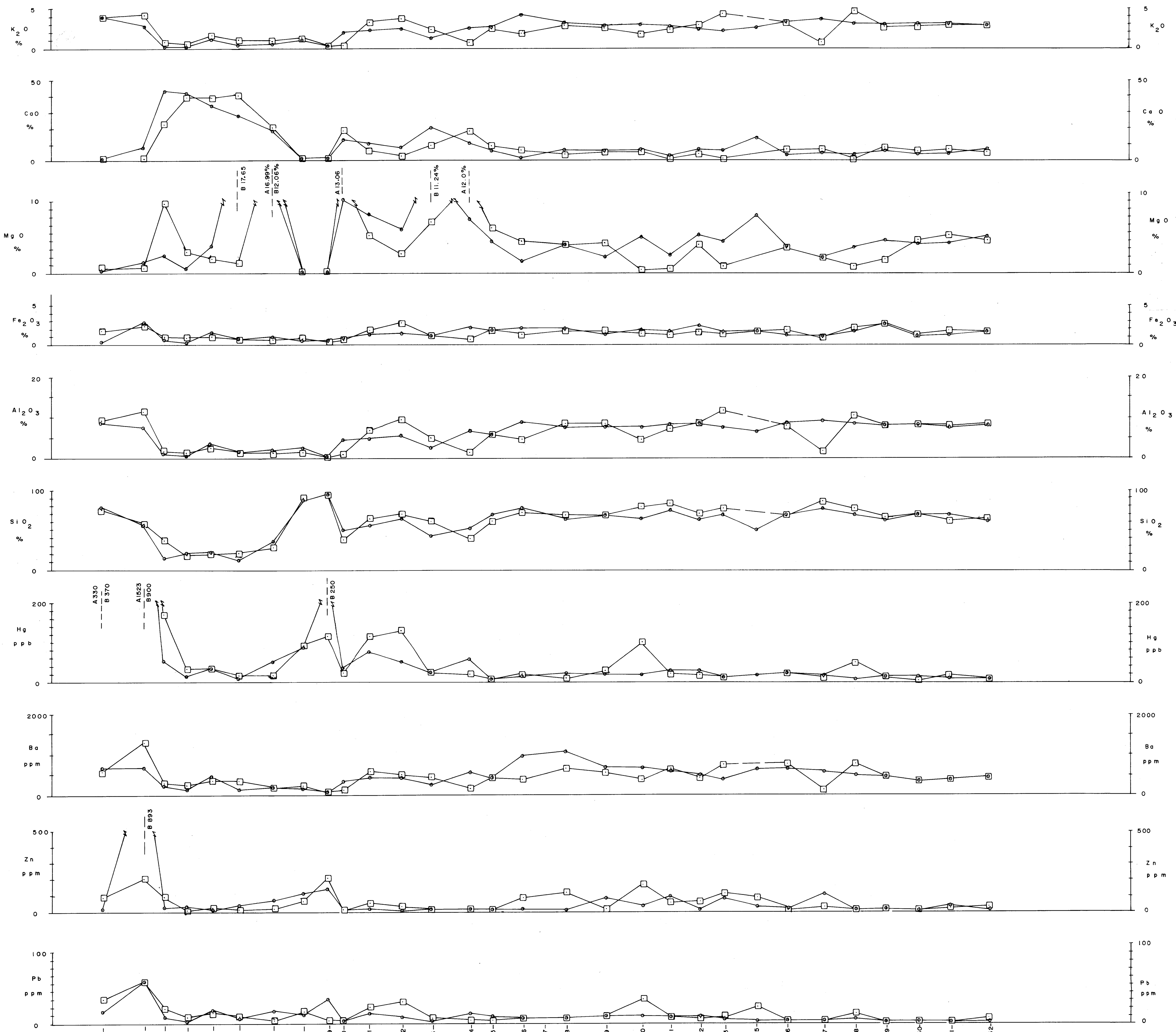
PLAN  
 ○ SAMPLE NUMBER AND LOCATION

**AIKIE PROPERTIES**  
 Drawn by: D.R. Traced by: J.P.S.  
 Revised by: Date Revised by: Date  
 DEL GROUP  
 PLAN AND PROFILES  
 OF ROCK GEOCHEMISTRY SAMPLES 1&2  
 O.MINECA M.D., B.C.  
 Scale: 1:2,500 Date: OCT., 1985 Plate: 5





Aikie Properties		NTS 94 F-6,7
Drawn by: D.R.	Traced by: J.P.S.	
Revised by: [ ]	Revised by: [ ]	
DEL GROUP PLAN AND PROFILES OF ROCK GEOCHEMISTRY SAMPLES 3, 4 & 5 OMINECA M.D., B.C.		
Scale: 1:2,500	Date: OCT. 1985	Plate: 6

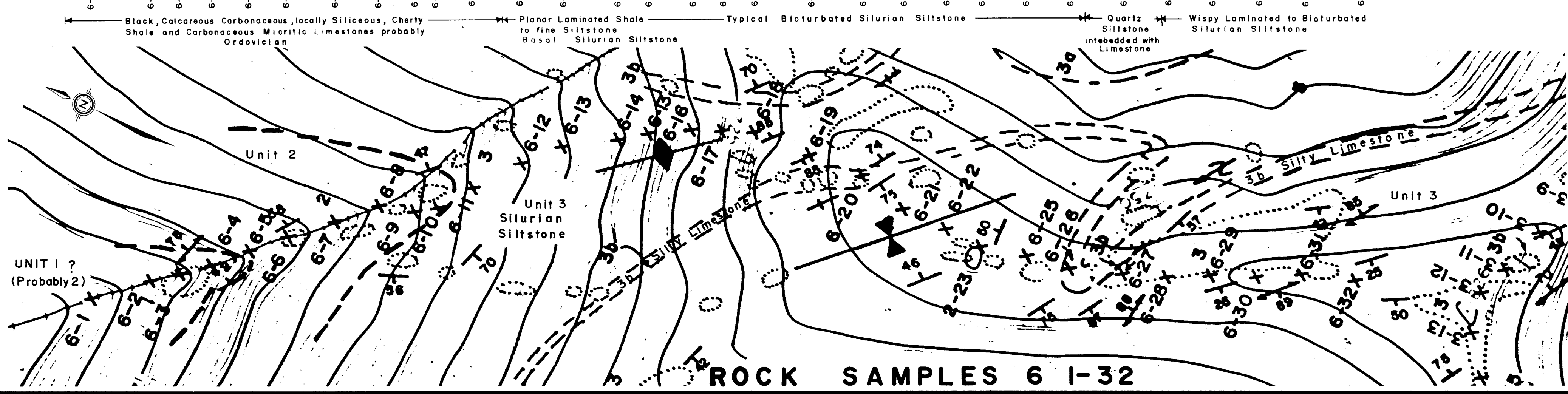


SECTION  
 □ SAMPLE A  
 ● SAMPLE B  
 — AREA WHERE NO SAMPLES WERE TAKEN

PLAN  
 X 6-32 SAMPLE NUMBER AND LOCATION

GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

14,177



ROCK SAMPLES 6 1-32

AIKIE PROPERTIES		NTS 94 F-6,7	
Drawn by: D.R.	Traced by: J.P.S.	DEL GROUP	
Revised by: _____	Revised by: _____	PLAN AND PROFILES	
		OF ROCK GEOCHEMISTRY SAMPLES 6	
		OMINECA M.D., B.C.	
		Scale: 1:2,500	Date: OCT 1985
		Plate: 7	