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REPORT ON THE
DUNC MINERAL PROPERTY ^{8/88}
OF
SECURITY ENVIRONMENTAL SYSTEMS INC.
SLOCAN MINING DIVISION
BRITISH COLUMBIA
82K/2W

50°14'N LATITUDE

116°56'W LONGITUDE

Anthony Floyd
Ed McCrossan
October 30, 1987

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,468

OREQUEST

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SUMMARY

The "Dunc" claim consisting of 16 units lies 100 kilometers north of Nelson, B.C. close to the Duncan Dam. The property is underlain by rocks of the Hamill-Badshot-Mohican formations of Lower Cambrian age and pre-Mississippian Lardeau group. Mineralization in the area is of two types, low silver-lead-zinc mineralization of "Mississippi Valley" style confined to the Badshot formation known locally as "Duncan" type whilst the other is "vein and replacement" silver-lead-zinc mineralization in the Lardeau group rocks. The old St. Patrick mine located on the Dunc claim is of the latter type.

Five kilometres of contour grid lines running north - south through the central portion of the property were sampled for soil geochemical analysis.

The results indicated two areas anomalous in lead, zinc, copper, and gold which were probably related to sporadic stratabound "Mississippi Valley" type mineralization within the predominantly carbonate Badshot - Mohican Formation.

Further work recommended for the Dunc claim includes a more detailed soil grid around the anomalies revealed by this study, as well as geological mapping, prospecting, and trenching of any strong anomalies revealed by the detailed soil geochemical study.

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INTRODUCTION

This report has been prepared at the request of Security Environmental Systems Inc. as a corollary to the airborne magnetic and VLF-EM data collected during the fall of 1984. The survey at that time revealed an anomalous north - northwesterly trend on the eastern half of the claim block. This trend was a pair of strong VLF-EM conductive areas located on either side of magnetic highs of similar orientation (Fig. 4).

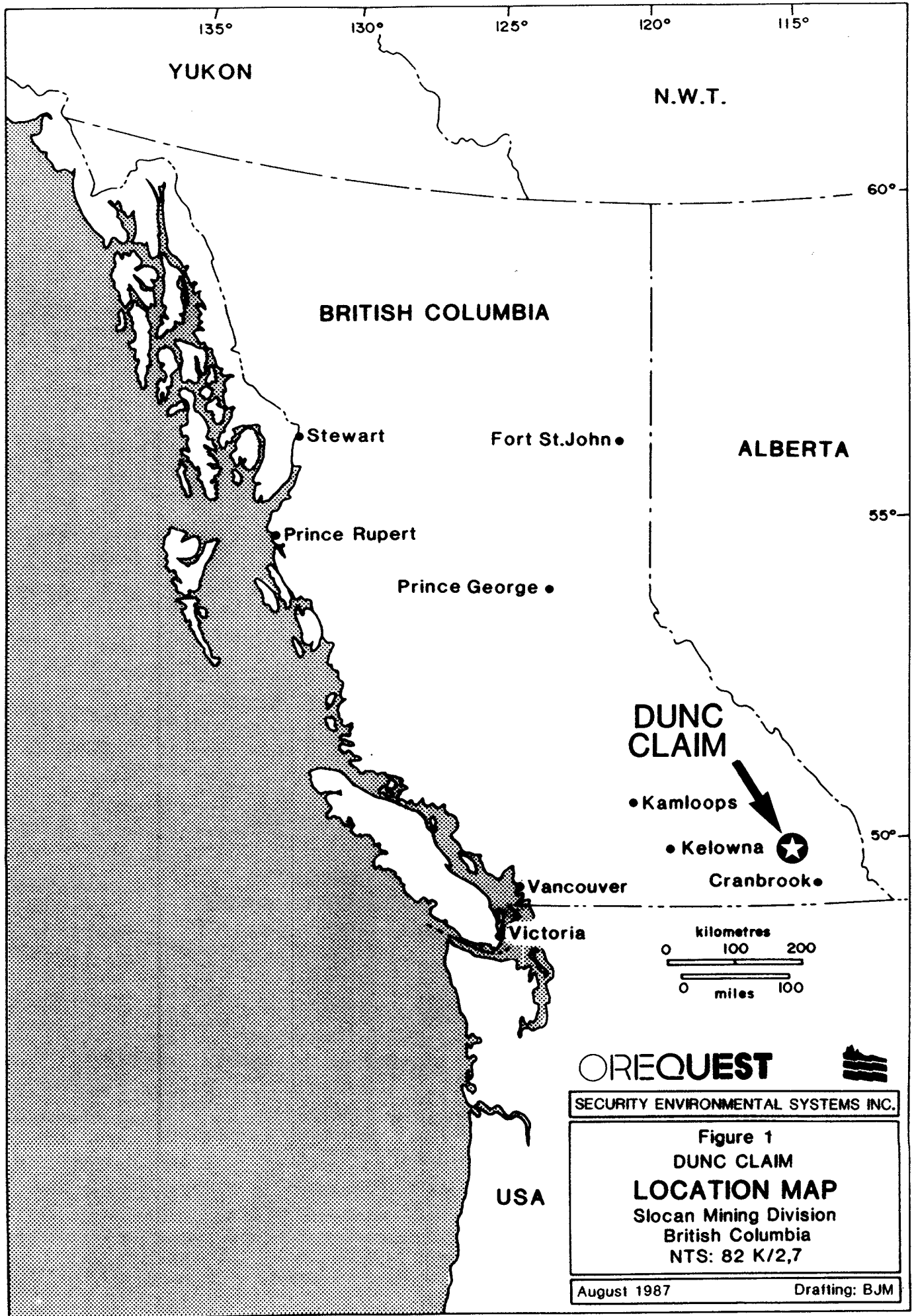
The present report describes the methods and results of a geochemical sampling program designed to investigate the origin of the geophysical conductors.

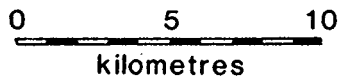
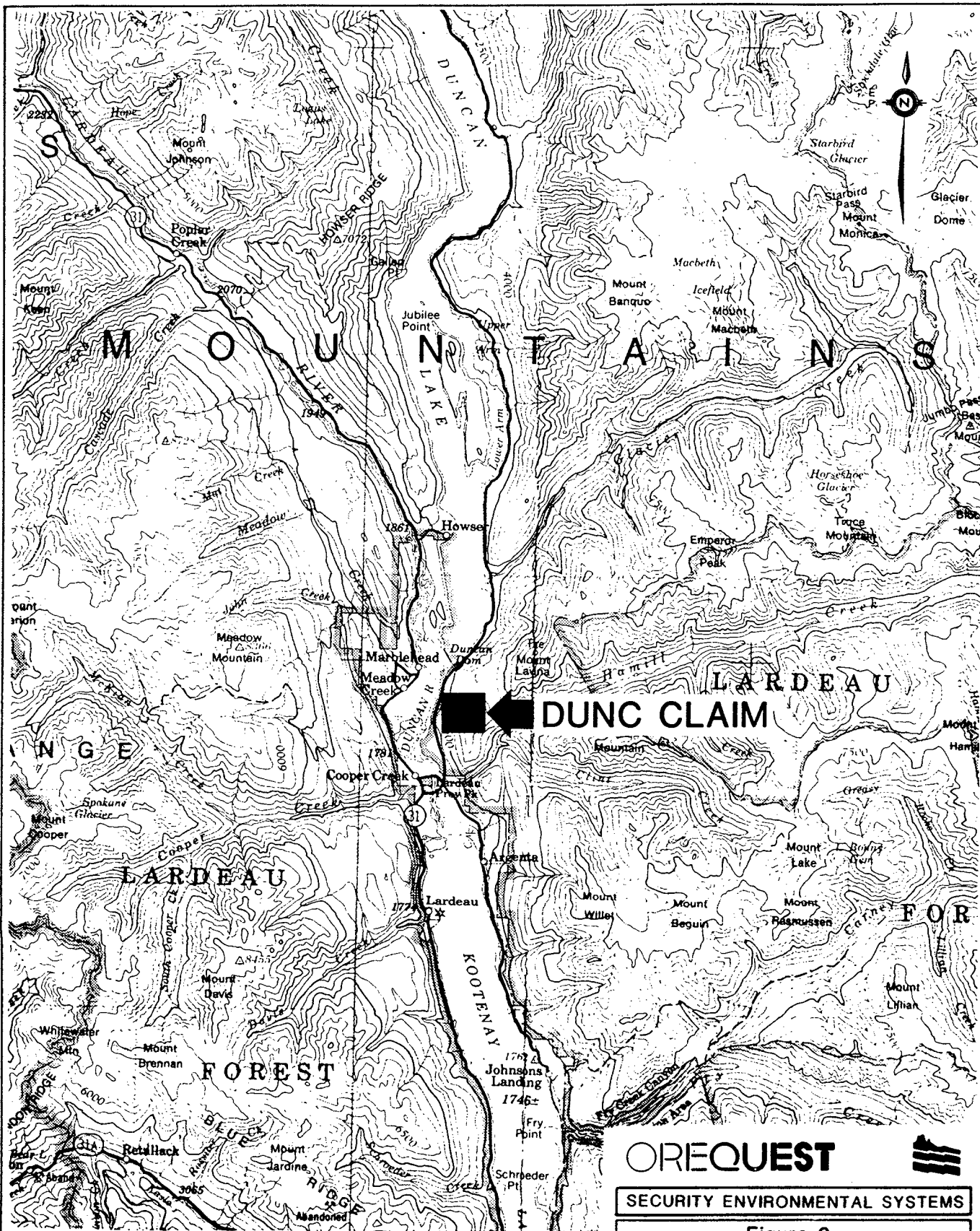
CLAIMS

The property consists of 1 claim called the "Dunc" (Record Number 4066 (8)) comprising 16 units for a total of 400 hectares (Fig. 2). The claim was staked by Ken Antoniuk and recorded on August 31, 1983. On October 4th, 1983 the claim was transferred to Jetta Resources Ltd. The present work is being filed against an expiry date of August 31, 1987.

LOCATION and ACCESS

The property is located 3 kilometers south of the Duncan Dam (NTS 82K/2) which is approximately 100 kilometers north of Nelson, B.C. (Figure 1). Access to the property is by way of Highway #31 from Nelson and then by taking a logging trail (see Figure 3) which bisects the claim.





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Figure 2
DUNC CLAIM
CLAIM MAP
 Slocan Mining Division
 British Columbia
 NTS: 82 K/2, 7

August 1987

TOPOGRAPHY

The Dunc claim lies on the side of a very steep mountain, the slope of which is at the angle of repose. The elevation difference between Duncan Lake and the highest elevation on the Dunc claim is 1,000 metres. Peaks in the area commonly go above 2,000 metres and glaciers are common east of the Kootenay and Duncan Valleys.

HISTORY

The Dunc claim covers the old St. Patrick property which was first developed in 1912. The workings consists of an adit, an inclined shaft and several trenches which were developed to exploit silver-lead-zinc mineralization in limestones and schists of the Lardeau Group. Total production (Fyles 1964) which took place between 1917-1919 and 1937-1938, is reported as 42 tons grading 30 ozs Ag/ton, 36% Lead and 17.5% Zinc.

In 1984, Aerodat Ltd. flew a helicopter borne magnetic, EM, and VLF-EM survey of the Dunc claim for Jetta Resources Ltd.

Elsewhere in the area other properties have seen minor production. These include the Argenta, Surprise, Lavina and the Moonshine-Right Bower. Although there are no active mines in this locality at present, mineral exploration has been active in this district from the end of the last century to the present. The principal target has been mineralization of the "Duncan" type which consists of pyrite, sphalerite, galena and minor pyrrhotite disseminated in dolomite and siliceous dolomite of the Badshot Formation. Fyles 1964, reports the Duncan property contains "several million tons of low-grade lead-zinc mineralization".

REGIONAL GEOLOGY

The Dunc claim is located on map 1326A Lardeau East half, British Columbia which is published with Memoir 369, Geological Survey of Canada - Geology of the Lardeau Map-Area, East half, British Columbia - by J.E. Reesor 1973.

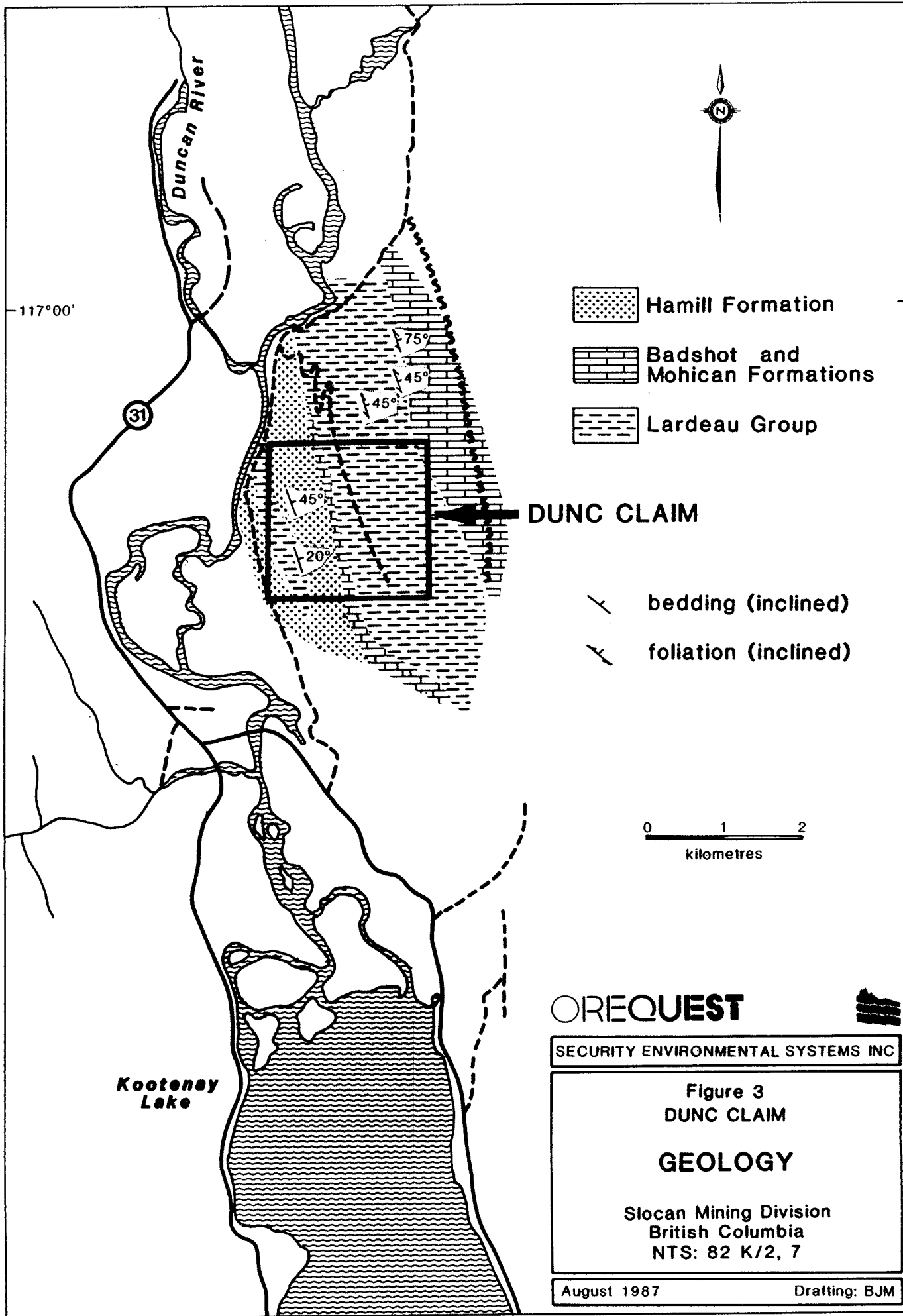
The consolidated rocks in the area are predominantly Precambrian clastic sediments with minor carbonates, tightly folded in a north-northwesterly direction. These formations appear to be conformable with each other and are overlain unconformably by later Paleozoic and Mesozoic sediments. All of these rocks have been intruded by Mesozoic granodiorite and quartz monzonite. The southwestern corner of this map sheet is underlain by a series of Lower Cambrian and pre-Mississippian sedimentary formations. This area is considered to be a separate geological sequence, although it is time equivalent of some of the formations on the rest of the map sheet. The Dunc claim lies in the southwestern corner.

The lithologies dealt with in this report concern rocks of the Lardeau Group, Badshot-Mohican formations and the Hamill group as shown in the Table of Formations and which outcrop in the southwest corner of Map 1326A.

LOCAL GEOLOGY

The area covered by the Dunc claim has been mapped first by Fyles (1964) and then by Reesor (1973). The most recent work by Reesor reveals that the principal units in the claim area are highly folded and faulted Hamill-Badshot-Mohican formations of Lower Cambrian age and the pre-Mississippian Lardeau group.

The Hamill Group is thought to be between 1,000 metres to 2,000 metres thick.



In the area of the Dunc claim the generally medium to fine grained quartzite unit with pelitic interbeds is metamorphosed to sericitic, fine grained white quartzite, brown micaceous quartzite, green garnet-mica schist and dense grey quartzite.

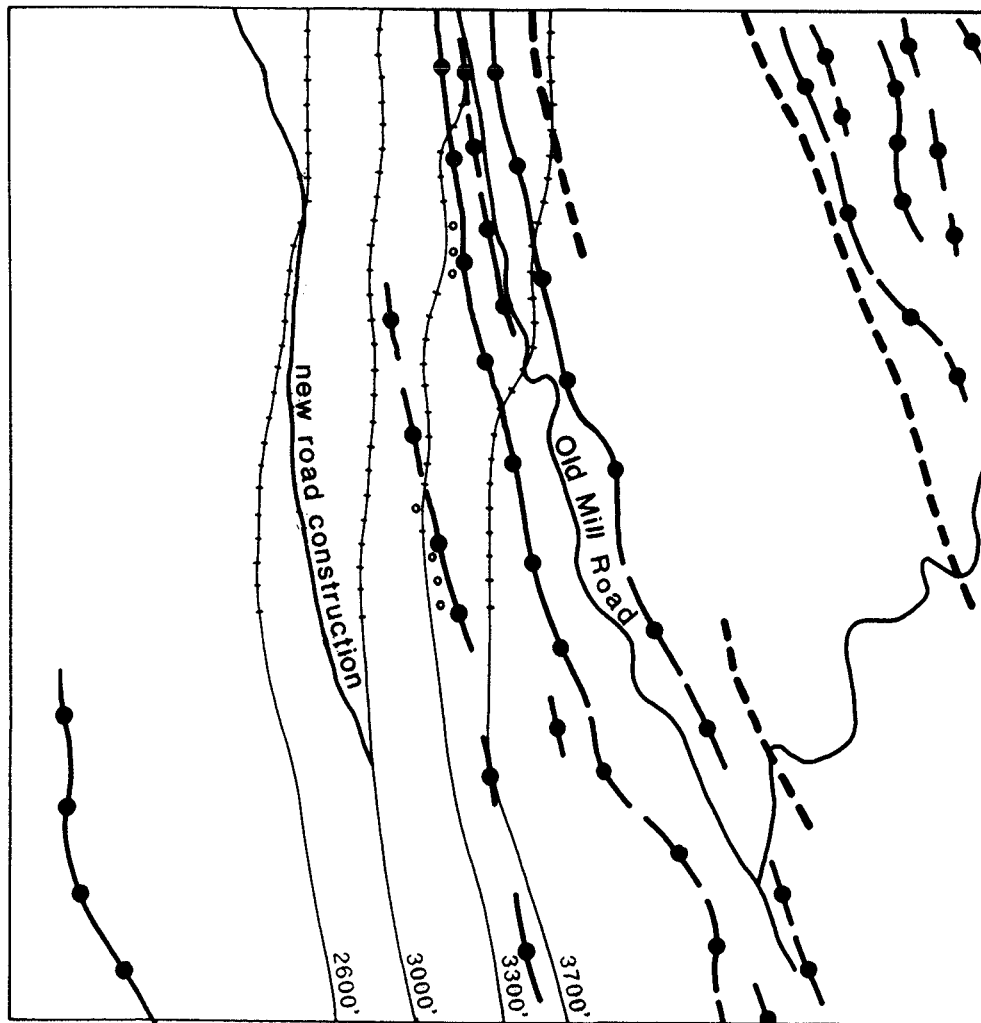
The Badshot-Mohican Formation lies stratigraphically above the Hamill and in the claim area consists of bands of marble or dolomitic marble. This unit is a marker horizon and also the host for the "Duncan" lead-zinc mineralization. In the area of higher grade metamorphism this unit becomes a coarse mica schist or a staurolite-garnet schist. Both the Hamill and the Badshot-Mohican Formations are thought to be Lower Cambrian in age.

The Lardeau group, metamorphosed in the claim area to upper greenschist facies, consists of chlorite-muscovite-quartz schist, biotite-muscovite schist, micaceous quartzite, garnet-biotite-muscovite-quartz schist and tremolite marble. Black carbonaceous calcite biotite-quartz schist and dense black carbonaceous phyllite is commonly found near the base of the group. The age of the Lardeau Group ranges from post-Lower Cambrian to pre-Upper Mississippian.

MINERALIZATION

Mineral exploration has been sporadic in this district from the end of the last century to the present. The most common type of mineralization appears to be low grade lead-zinc deposits of the "Duncan" type which is generally confined to the Badshot-Mohican Formation close to the Duncan anticline. Typical examples would be the Duncan, Lavina, Sal Mag and Argenta. Mineralized zones of the Duncan type consist of pyrite, sphalerite, galena and minor pyrrhotite disseminated in dolomite and siliceous dolomite of the Badshot Formation. The largest zone delineated to date

DUNC CLAIM



- road
- 2600' contour interval (feet)
- soil sample location (on contour)
- soil sample location (off contour)
- VLF-EM bedrock conductor axis
- - - magnetic high axis



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Figure 4
DUNC CLAIM
**GEOCHEMISTRY
and GEOPHYSICS**

Slocan Mining Division
British Columbia
NTS: 82 K/2,7

August 1987

Drafting: BJM

is 3,000 feet long along strike, 500 feet down dip and between 20-100 feet in thickness. The deposit is thought to be of "Mississippi Valley" type.

In the southeast corner of the Dunc claim lies the old St. Patrick mine which saw minor production from 1917-1919 and in 1937 and 1938. The mineralization (Fyles 1964) occurs as scattered lenses along minor faults and as a replacement of limestone within units mapped (Reesor 1973) as Lardeau group. Galena and sphalerite occur in a gangue of siderite. High silver values in the reported production suggest this mineralization is not of the "Duncan" type.

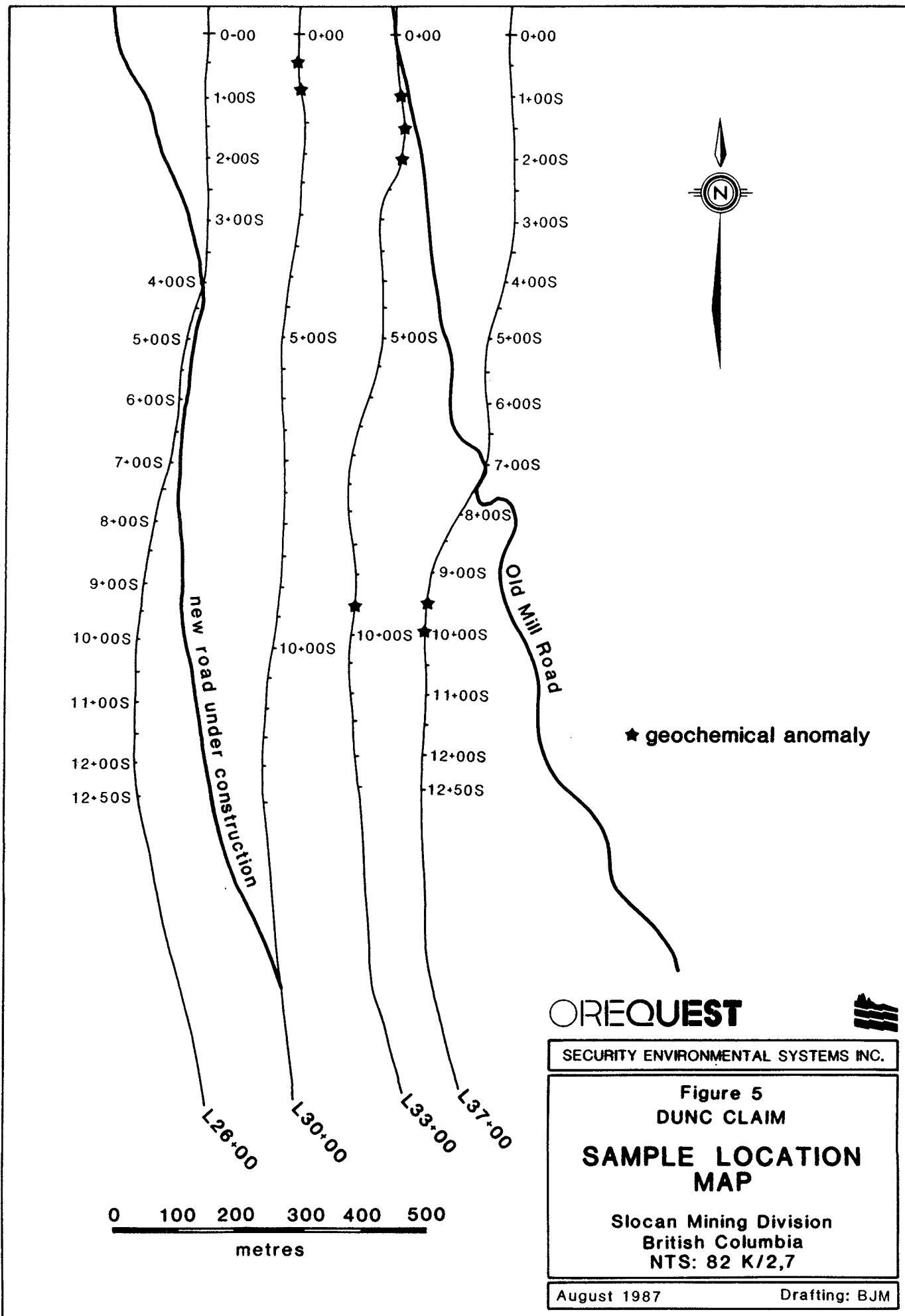
GEOCHEMISTRY

A total of 100 soil samples were collected on the Dunc property. Samples were taken every 50 metres along the 2600, 3000, 3300, and 3700 metre contours which ran north - south through the central portion of the claim.

The samples were taken from a depth of 12" - 18" from the "B" soil horizon. All the samples were dried and then shipped to Vangeochem Lab Ltd. in Vancouver where they were sieved to -80 mesh and analysed by I.C.P. methods

The soil survey revealed two areas having anomalous values of copper, lead, zinc and gold. They were located on the northern and central portions of the property (Fig. 5).

The northern anomaly consisted of five adjacent soil sample locations on the 3,000 and 3,300 metre contours. Zinc values were the highest at 400 and 430 ppm. Copper results ranged between 132 and 368 ppm and the highest lead assay was 232 ppm.



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SECURITY ENVIRONMENTAL SYSTEMS INC.

Figure 5
 DUNC CLAIM
**SAMPLE LOCATION
 MAP**
 Slocan Mining Division
 British Columbia
 NTS: 82 K/2,7

August 1987 Drafting: BJM

The presence of gold was strong at 5 ppm.

The central anomaly consisted of three adjacent soil sample locations on the 3,300 and 3,700 metre contours. The highest zinc value was 505 ppm. At the same location, lead content was 143 ppm. Again, gold was anomalous in this area, having two stations of 3 ppm each.

CONCLUSIONS

The "Dunc" property has seen limited production in the past from the old St. Patrick Mine which is located in the southeast portion of the claim. This mineralization is probably in the Lardeau group.

Elsewhere in the area lead-zinc mineralization has been delineated in carbonate units of the Badshot-Mohican Formation.

The soil geochemical anomalies on the Dunc claim were probably due to sporadic stratabound lead - zinc mineralization within a relatively thin section of the Badshot - Mohican Formation, which strikes north - south through the centre of the property and coincides with a VLF-EM conductor axis as well as the geochemical anomaly sites.

RECOMMENDATIONS

The present reconnaissance soil sampling program revealed two areas on the Dunc claim which were anomalous in lead, zinc, copper, and gold. It is recommended that a more detailed soil grid be sampled to determine the extent and continuity of these anomalous areas.

Geological mapping, prospecting and trenching (of geochemical anomalies) should also be carried out on the Dunc claim.

Ground VLF-EM and magnetometer surveys could also be run to help locate zones of mineralization as well as geological contacts.

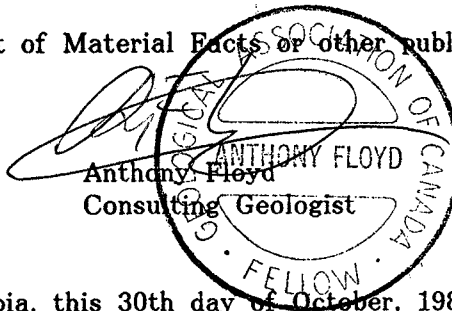
COST STATEMENT

2 Technicians - 2 days @ \$300/day	\$ 600
Analyses - 100 samples @ \$20/sample	2,000
Truck - 2 days @ \$75/day	150
Meals and Accommodation - 4 man days @ \$50/day	200
Report and Supervision	<u>250</u>
TOTAL	<u>\$ 3,200</u>

CERTIFICATE of QUALIFICATIONS

I, Anthony Floyd, of 3400 West 2nd Avenue, Vancouver, British Columbia
hereby certify that:

1. I am a 1971 graduate of Nottingham University, England, with a BSc. Honours degree in geology.
2. I am a 1972 graduate of Leicester University, England, with a M.Sc degree in Mineral Exploration and Mining Geology.
3. I have practised my profession for the past fourteen years in Canada, United States and Europe. For the past fourteen years I have been a resident in British Columbia.
4. I am a Fellow of the Geological Association of Canada.
5. The information contained in this report was obtained by direct supervision of the work done on the property by OreQuest Consultants Ltd. in 1987 and a review of all data listed in the Bibliography.
6. I have not received, nor do I expect to receive, any interest direct or indirect in the properties or securities of Security Environmental Systems Inc.
7. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.




DATED at Vancouver, British Columbia, this 30th day of October, 1987.

CERTIFICATE of QUALIFICATIONS

I, Ed McCrossan, of 3328 W. 2nd Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1984) and hold a BSc. degree in geology.
2. I am presently employed as a consulting geologist with OreQuest Consultants Ltd. of 404-595 Howe Street, Vancouver, British Columbia.
3. I have been employed in my profession by various mining companies since graduation and have worked on projects in Canada, Hungary, Thailand, China, and Australia.
4. The information contained in this report was obtained by direct supervision of the work done on the property by OreQuest Consultants Ltd. in 1987 and a review of all data listed in the Bibliography.
5. Neither OreQuest Consultants Ltd. nor myself have or expect to receive direct or indirect interest in the property nor in the securities of Security Environmental Systems Inc.
6. I consent to and authorize the use of the attached report and my name in the Company's Prospectus, Statement of Material Facts or other public document.


Ed McCrossan
Consulting Geologist

DATED at Vancouver, British Columbia, this 30th day of October, 1987.

BIBLIOGRAPHY

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1985: Report on the Dunc Claim, Nelson, B.C. for Jetta Resources Ltd. Unpublished company report.

FYLES, J.T.

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REESOR, J.E.

1973: Memoir 369, Geological Survey of Canada, Geology of the Lardeau Map Area, East Half, British Columbia.

APPENDIX A

SOIL GEOCHEMICAL ANALYSES

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR SN, NM, FE, CA, P, CR, HG, BA, PD, AL, NA, K, V, PT AND SR. AU AND PD DETECTION IS 3 PPM.
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: OREQUEST CONSULTANTS
 ATTENTION:
 PROJECT: DUNC CLAIM

REPORT#: 871042PA
 JOB#: 871042
 INVOICE#: 871042NA

DATE RECEIVED: 87/08/13
 DATE COMPLETED: 87/09/08
 COPY SENT TO:

ANALYST *D. Dew*

PAGE 1 OF 3

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CG PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	V PPM	ZN PPM
L2600 0+50S	.1	2.95	ND	ND	163	3	1.13	.3	13	26	28	2.70	.06	.53	712	1	.10	46	.27	22	ND	ND	ND	ND	89	ND	ND	189
L2600 1+00S	.1	2.85	ND	ND	258	ND	.77	.3	18	35	26	3.38	.07	.73	789	2	.11	53	.10	29	ND	ND	ND	ND	44	ND	ND	207
L2600 1+50S	.1	2.72	4	ND	190	4	.27	.1	19	38	28	3.60	.06	.60	508	2	.13	72	.06	28	ND	ND	ND	ND	29	ND	ND	206
L2600 2+00S	.1	1.74	ND	ND	124	3	.15	.2	13	22	10	2.54	.05	.47	749	1	.10	44	.09	30	ND	ND	3	ND	18	ND	3	202
L2600 2+50S	.1	2.55	6	ND	190	5	.27	.1	24	28	19	3.96	.09	.71	685	1	.16	67	.17	37	ND	ND	ND	ND	31	ND	ND	302
L2600 3+00S	.1	2.73	7	ND	170	ND	.27	.1	21	33	27	3.90	.09	.82	519	2	.14	81	.13	33	ND	ND	ND	ND	35	ND	ND	243
L2600 3+50S	.1	2.15	ND	ND	112	ND	.18	.1	16	36	28	3.19	.06	.83	318	1	.13	53	.07	29	ND	ND	ND	ND	17	ND	ND	238
L2600 4+00S	.1	3.32	6	ND	135	ND	.72	.1	18	17	22	3.38	.08	.43	454	1	.13	53	.08	33	ND	ND	ND	ND	55	ND	ND	276
L2600 4+50S	.1	1.94	3	ND	164	ND	.17	.1	16	25	6	2.64	.05	.42	1109	1	.11	33	.18	31	ND	ND	3	ND	19	ND	4	244
L2600 5+00S	.1	1.88	18	ND	45	ND	.21	.1	18	44	56	3.97	.07	1.00	289	2	.09	60	.08	31	ND	ND	3	ND	15	ND	5	127
L2600 5+50S	.4	2.88	5	ND	182	3	.43	.1	17	20	25	3.35	.11	.52	794	2	.11	51	.25	28	ND	ND	ND	ND	48	ND	ND	253
L2600 6+00S	.1	2.88	6	ND	115	4	.18	.1	20	52	50	4.06	.07	1.09	410	1	.13	74	.16	27	ND	ND	ND	ND	16	ND	3	200
L2600 6+50S	.1	1.85	ND	ND	343	ND	.52	.4	17	19	11	2.56	.05	.43	1396	1	.15	39	.28	26	ND	ND	ND	ND	64	ND	ND	326
L2600 7+00S	.1	3.37	3	ND	133	ND	.28	.1	34	30	42	3.62	.14	.73	663	1	.09	85	.12	36	ND	ND	ND	ND	29	ND	ND	231
L2600 7+50S	.1	2.03	ND	ND	172	ND	.19	.1	17	36	24	2.86	.06	.70	384	1	.13	54	.12	29	ND	ND	ND	ND	18	ND	ND	237
L2600 8+00S	.1	2.18	5	ND	198	ND	.27	.6	16	37	21	3.12	.06	.74	498	2	.14	53	.17	36	ND	ND	3	ND	23	ND	ND	257
L2600 8+50S	.1	2.52	ND	ND	137	3	.18	.2	19	42	41	3.65	.07	.95	407	2	.13	71	.09	31	ND	ND	ND	ND	15	ND	ND	230
L2600 9+00S	.1	2.52	ND	ND	220	ND	.24	.5	19	34	26	3.29	.08	.72	1125	2	.12	68	.12	35	ND	ND	ND	ND	22	ND	ND	233
L2600 9+50S	.1	2.18	6	ND	277	ND	.37	1.1	24	32	19	3.19	.10	.67	1777	1	.14	67	.12	87	ND	ND	ND	ND	36	4	ND	329
L2600 10+00S	.3	2.82	ND	ND	178	ND	.30	.7	15	17	11	2.74	.06	.44	586	1	.14	75	.18	17	ND	ND	ND	ND	34	ND	ND	315
L2600 10+50S	.1	2.16	10	ND	119	3	.35	.1	23	22	18	3.21	.09	.56	1151	2	.11	67	.09	48	ND	ND	ND	ND	29	ND	ND	202
L2600 11+00S	.2	1.09	ND	ND	148	ND	.39	.5	10	13	4	1.68	.06	.34	723	ND	.07	31	.10	24	ND	ND	3	ND	34	ND	5	168
L2600 11+50S	.3	2.27	4	ND	127	5	.30	.1	36	20	28	3.81	.15	.62	625	1	.07	66	.09	23	ND	ND	ND	ND	36	ND	ND	196
L2600 12+00S	.2	3.27	ND	ND	155	ND	.25	.1	42	26	40	4.73	.18	.81	843	1	.12	97	.24	23	ND	ND	ND	ND	40	ND	ND	258
L2600 12+50S	.4	3.71	ND	ND	116	ND	.37	.1	24	23	44	3.86	.13	.70	500	2	.09	58	.16	17	ND	ND	ND	ND	41	ND	ND	181
L3000 0+50S	.1	3.32	ND	3	458	5	.36	.4	29	111	67	4.02	.07	1.69	1562	2	.18	123	.19	23	ND	ND	ND	ND	28	ND	ND	229
L3000 1+00S	.1	4.54	5	5	403	6	.55	.1	52	274	153	7.39	.16	3.23	1305	2	.25	253	.10	1	ND	ND	ND	ND	23	ND	ND	126
L3000 1+50S	.1	3.26	ND	ND	230	4	.39	.6	30	128	50	4.45	.09	1.71	644	3	.20	152	.12	25	ND	ND	ND	ND	32	ND	ND	297
L3000 2+00S	.1	2.33	6	ND	180	3	.46	.5	19	31	28	3.82	.09	1.17	1420	1	.15	50	.06	37	ND	ND	ND	ND	33	ND	ND	206
L3000 2+50S	.1	1.72	8	ND	171	ND	1.51	.7	17	24	51	3.36	.08	.80	1864	1	.11	51	.13	22	ND	ND	ND	ND	101	ND	3	152
L3000 3+00S	.1	2.88	ND	3	166	4	.39	.1	26	33	84	5.58	.10	1.27	979	2	.13	80	.08	33	ND	ND	ND	ND	28	ND	ND	187
L3000 3+50S	.1	.98	ND	ND	143	4	.62	.2	14	11	39	3.08	.07	.42	549	1	.14	45	.13	26	ND	ND	4	ND	62	ND	ND	269
L3000 4+00S	.1	2.82	ND	3	149	ND	.63	.6	31	62	93	5.10	.08	1.57	733	3	.20	117	.08	56	ND	ND	ND	ND	40	ND	ND	276
L3000 4+50S	.1	1.37	ND	ND	196	3	.86	1.0	14	16	27	3.08	.08	.65	1005	1	.18	43	.23	35	ND	ND	ND	ND	78	ND	ND	378
L3000 5+00S	.1	1.23	ND	ND	175	ND	.46	.7	12	13	18	3.19	.06	.49	1080	1	.16	40	.15	35	ND	ND	4	ND	54	ND	ND	399
L3000 5+50S	.1	2.56	3	ND	98	ND	.31	.1	20	56	44	3.95	.07	1.12	342	2	.15	77	.11	29	ND	ND	ND	ND	26	ND	ND	224
L3000 6+00S	.1	2.46	ND	ND	171	ND	.78	.1	13	32	11	2.86	.06	.88	491	1	.13	53	.06	24	ND	ND	ND	ND	36	ND	ND	235
L3000 6+50S	.1	2.49	ND	ND	160	ND	.45	.1	22	38	33	3.53	.08	.86	553	2	.12	68	.15	29	ND	ND	ND	ND	35	ND	ND	208
L3000 7+00S	.1	2.02	ND	ND	139	ND	1.21	.1	13	19	19	2.90	.07	.67	732	1	.07	41	.07	31	ND	ND	ND	ND	48	ND	ND	129
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL I	AS PPH	AU PPH	BA PPH	BI PPH	CA I	CD PPH	CO PPH	CR PPH	CU PPH	FE I	K I	MG I	MN PPH	MO PPH	NA I	NI PPH	P I	PB PPH	PD PPH	PT PPH	SB PPH	SN PPH	SR PPH	S PPH	W PPH	ZN PPH
L3000 7+50S	.1	1.53	ND	ND	133	ND	4.45	.1	9	17	17	2.32	.09	.69	501	1	.08	31	.09	22	ND	ND	ND	ND	114	ND	3	121
L3000 8+00S	.1	1.81	4	ND	114	ND	1.28	.1	14	16	22	3.52	.09	.62	420	2	.08	50	.07	25	ND	ND	ND	ND	57	ND	ND	110
L3000 8+50S	.1	2.75	4	ND	139	ND	.36	.1	24	22	68	4.86	.10	1.10	368	4	.11	79	.03	38	ND	ND	ND	ND	31	ND	ND	130
L3000 9+00S	.1	2.53	ND	ND	137	6	2.60	.1	18	22	49	4.44	.11	2.80	1066	2	.18	62	.06	46	ND	ND	ND	ND	55	ND	ND	171
L3000 9+50S	.3	.96	ND	ND	94	3	.45	.2	9	9	15	2.19	.06	.37	546	1	.11	25	.03	66	ND	ND	ND	ND	39	ND	ND	240
L3000 10+00S	.1	.88	ND	ND	105	ND	.76	.7	9	9	15	2.31	.07	.40	979	1	.13	26	.04	63	ND	ND	ND	ND	63	ND	ND	271
L3000 10+50S	.1	1.23	3	ND	185	ND	3.48	.9	13	16	34	2.89	.10	.82	931	2	.12	41	.14	65	ND	ND	ND	ND	102	ND	ND	185
L3000 11+00S	.2	.61	ND	ND	98	ND	.97	.3	4	6	8	1.11	.06	.20	322	ND	.05	10	.11	11	ND	ND	3	ND	40	4	4	134
L3000 11+50S	.1	.91	ND	ND	149	ND	1.12	.1	5	9	6	1.54	.06	.26	286	ND	.05	17	.18	11	ND	ND	ND	ND	46	ND	5	112
L3000 12+00S	.1	1.92	ND	ND	114	ND	5.58	.1	11	15	21	3.09	.12	.54	739	ND	.06	41	.07	14	ND	ND	ND	ND	231	ND	ND	81
L3000 12+50S	.1	2.23	ND	ND	81	ND	1.35	.1	22	34	48	4.02	.12	1.02	594	1	.07	64	.09	25	ND	ND	ND	ND	43	ND	ND	103
L3300 0+50S	.2	2.67	8	ND	187	ND	.43	.1	25	48	61	4.42	.07	1.13	891	1	.19	78	.07	75	ND	ND	ND	ND	25	ND	ND	280
L3300 1+00S	.3	3.16	24	4	170	ND	.47	.1	22	73	282	11.44	.11	1.02	2480	6	.38	119	.26	232	ND	ND	4	ND	41	ND	ND	400
L3300 1+50S	.1	3.29	56	3	107	ND	.45	.6	37	84	368	9.78	.09	1.70	2085	4	.39	148	.27	141	ND	ND	ND	ND	29	ND	ND	430
L3300 2+00S	.1	2.41	34	ND	286	4	.55	.1	27	59	132	5.08	.08	1.08	1733	2	.19	82	.11	33	ND	ND	ND	ND	28	ND	ND	213
L3300 2+50S	.1	2.90	13	ND	249	5	.32	.5	20	53	34	3.72	.06	.99	1060	1	.21	68	.26	23	ND	ND	ND	ND	22	ND	ND	331
L3300 3+00S	.3	4.10	7	ND	235	ND	.32	.8	29	51	62	4.06	.08	.88	1169	2	.16	107	.18	17	ND	ND	ND	ND	25	ND	ND	251
L3300 3+50S	.1	3.94	ND	ND	239	3	.32	.1	39	198	62	5.14	.05	2.88	729	1	.25	175	.09	ND	ND	ND	ND	15	ND	ND	230	
L3300 4+00S	.1	4.32	ND	ND	318	3	.55	.1	42	242	104	5.78	.10	3.25	712	1	.24	169	.12	ND	ND	ND	ND	18	ND	ND	132	
L3300 4+50S	.3	2.18	4	ND	148	3	.17	.1	18	44	29	3.07	.06	.77	428	2	.16	68	.07	30	ND	ND	ND	ND	14	ND	ND	265
L3300 5+00S	.4	2.90	8	ND	180	ND	.29	1.4	11	21	13	2.62	.06	.38	421	2	.29	54	.22	39	ND	ND	ND	ND	24	3	ND	636
L3300 5+50S	.4	2.51	4	ND	174	ND	.26	.4	14	27	24	2.88	.06	.55	585	1	.19	53	.11	37	ND	ND	ND	ND	21	ND	ND	364
L3300 6+00S	.3	.69	ND	ND	124	ND	.39	.6	5	8	5	1.34	.06	.20	446	ND	.12	16	.08	19	ND	ND	4	ND	35	ND	ND	281
L3300 6+50S	.4	2.16	5	ND	257	4	.34	.4	13	22	12	2.46	.06	.47	744	1	.22	43	.17	26	ND	ND	ND	ND	44	ND	ND	461
L3300 7+00S	.1	2.10	5	ND	144	5	.32	.1	18	50	30	3.81	.06	1.13	816	1	.15	61	.10	27	ND	ND	ND	ND	23	ND	ND	205
L3300 7+50S	.1	2.25	6	ND	98	4	.78	.1	28	29	113	5.59	.13	1.56	798	4	.15	86	.09	42	ND	ND	ND	ND	42	ND	ND	198
L3300 8+00S	.1	1.91	3	ND	194	ND	1.01	.4	29	22	84	5.70	.12	1.00	1004	4	.17	84	.09	62	ND	ND	ND	ND	73	ND	ND	199
L3300 8+50S	.1	1.77	9	ND	224	ND	.58	.4	22	24	47	4.84	.10	.65	1133	3	.14	78	.10	44	ND	ND	4	ND	66	ND	ND	196
L3300 9+00S	.1	1.95	6	ND	168	ND	.64	.4	22	26	28	4.96	.09	1.18	1177	2	.21	71	.08	72	ND	ND	ND	ND	60	ND	ND	310
L3300 9+50S	.1	1.36	8	ND	97	ND	.31	1.0	18	16	31	4.57	.08	.49	461	2	.26	60	.04	143	ND	ND	4	ND	30	ND	ND	505
L3300 10+00S	.1	1.48	ND	ND	117	ND	2.44	.1	24	20	85	5.74	.14	1.26	849	6	.14	82	.10	62	ND	ND	3	ND	121	ND	ND	131
L3300 10+50S	.1	1.69	7	ND	120	ND	1.78	.1	21	20	57	4.52	.12	1.18	767	4	.11	62	.07	73	ND	ND	3	ND	75	ND	ND	111
L3300 11+00S	.1	1.99	6	ND	147	ND	.78	.1	22	21	41	4.53	.11	1.03	512	2	.10	69	.06	45	ND	ND	3	ND	40	ND	ND	114
L3300 11+50S	.1	.33	ND	ND	198	ND	4.48	.7	5	10	9	1.83	.11	.63	560	ND	.09	20	.18	56	ND	ND	ND	ND	127	ND	4	154
L3300 12+00S	.1	1.37	9	ND	92	ND	1.75	.1	11	15	23	3.25	.09	.68	512	1	.07	39	.07	28	ND	ND	3	ND	47	ND	ND	78
L3300 12+50S	.1	2.09	ND	ND	117	ND	1.89	.1	16	23	40	3.82	.10	.79	554	2	.09	50	.04	22	ND	ND	ND	ND	39	ND	ND	90
L3700 0+50S	.1	1.81	ND	ND	396	ND	.81	.3	18	34	27	2.89	.09	.85	1442	ND	.12	40	.16	11	ND	ND	3	ND	39	ND	ND	143
L3700 1+00S	.2	1.59	6	ND	275	4	.47	.1	20	29	25	3.14	.06	.66	1453	1	.11	38	.20	16	ND	ND	3	ND	29	ND	ND	136
L3700 1+50S	.4	2.14	ND	ND	168	ND	.19	.5	16	41	24	2.96	.06	.71	708	2	.16	60	.20	11	ND	ND	ND	ND	14	ND	ND	269
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
L3700 2+00S	.5	3.55	8	ND	98	ND	.25	2.1	13	28	13	2.50	.05	.48	603	2	.14	72	.12	4	ND	ND	ND	ND	23	ND	ND	284
L3700 2+50S	.1	2.13	11	ND	162	ND	.19	.4	19	41	25	3.61	.06	.66	1645	2	.14	47	.15	28	ND	ND	ND	ND	21	ND	ND	208
L3700 3+00S	.1	2.51	11	ND	134	ND	.37	.1	21	35	48	5.06	.11	.63	804	2	.08	74	.11	36	ND	ND	ND	ND	39	ND	ND	141
L3700 3+50S	.1	2.35	7	ND	181	ND	.34	.2	18	38	19	3.75	.07	.68	866	2	.12	67	.08	25	ND	ND	ND	ND	34	ND	ND	194
L3700 4+00S	.1	2.74	10	ND	144	3	.29	.1	21	46	47	4.16	.08	.95	713	2	.14	82	.10	14	ND	ND	ND	ND	31	ND	ND	211
L3700 4+50S	.2	2.63	7	ND	199	ND	.22	.1	19	39	26	5.77	.06	.56	2627	2	.17	49	.19	21	ND	ND	ND	ND	21	ND	ND	298
L3700 5+00S	.1	2.49	9	ND	125	4	.61	.1	20	58	63	4.03	.07	1.19	1137	2	.15	79	.10	35	ND	ND	ND	ND	40	ND	ND	225
L3700 5+50S	.1	2.97	7	ND	170	ND	.22	.1	15	34	18	2.94	.05	.59	759	2	.15	51	.17	15	ND	ND	ND	ND	16	ND	ND	275
L3700 6+00S	.1	2.47	6	ND	158	ND	.22	.1	25	64	34	3.41	.05	.96	1263	1	.15	63	.18	12	ND	ND	ND	ND	14	ND	ND	192
L3700 6+50S	.1	2.37	3	ND	215	ND	.19	.1	15	32	13	2.77	.05	.52	1309	1	.13	52	.14	17	ND	ND	ND	ND	16	ND	ND	229
L3700 7+00S	.1	2.78	18	ND	194	ND	.34	.1	43	83	133	3.70	.05	1.35	1214	1	.21	107	.13	43	ND	ND	ND	ND	19	ND	ND	283
L3700 7+50S	.1	2.17	9	ND	152	3	.20	.1	18	37	34	3.06	.06	.72	661	1	.14	65	.11	40	ND	ND	ND	ND	15	ND	ND	217
L3700 8+00S	.1	2.87	25	ND	326	3	.35	.1	37	71	91	3.68	.07	1.28	1568	2	.17	103	.13	40	ND	ND	ND	ND	17	ND	ND	210
L3700 8+50S	.1	2.09	5	ND	280	4	.37	.1	14	49	14	2.70	.07	1.37	1076	1	.11	47	.13	11	ND	ND	ND	ND	17	ND	ND	143
L3700 9+00S	.1	4.00	10	ND	152	ND	.33	.1	36	223	103	5.77	.07	3.54	578	1	.23	154	.09	ND	ND	ND	ND	ND	16	ND	ND	110
L3700 9+50S	.1	3.86	5	3	290	5	.38	.1	39	170	86	5.37	.08	2.30	1111	2	.23	160	.08	13	ND	ND	ND	ND	19	ND	ND	220
L3700 10+00S	.1	3.91	29	3	163	ND	.36	.1	40	118	115	6.64	.10	2.11	1183	2	.23	136	.08	53	ND	ND	ND	ND	28	ND	ND	354
L3700 10+50S	.1	1.86	6	ND	141	ND	.43	.1	17	24	28	3.47	.08	.89	568	2	.11	50	.06	60	ND	ND	3	ND	40	ND	ND	161
L3700 11+00S	.1	1.47	4	ND	136	ND	.36	.1	14	21	19	2.57	.07	.60	894	1	.12	38	.12	27	ND	ND	3	ND	32	ND	ND	221
L3700 11+50S	.1	2.23	ND	ND	193	4	.50	.1	20	40	36	3.76	.08	.93	1133	2	.16	65	.08	44	ND	ND	3	ND	43	ND	ND	245
L3700 12+00S	.1	1.91	10	ND	98	3	.23	.1	22	47	88	3.90	.07	.91	368	2	.12	99	.10	33	ND	ND	4	ND	14	ND	ND	167
L3700 12+50S	.1	1.36	11	ND	84	ND	.97	.5	24	21	58	4.67	.09	.63	487	2	.12	59	.08	54	ND	ND	5	ND	65	ND	ND	157
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1