

84 # 538 - 12545
7

GEOCHEMICAL ASSESMENT REPORT

On The

KST GROUP CLAIMS
(KS and KT Claims)

ALBERNI M.D.
92F/3W

Latitude 49°02'N

Longitude 125°19'W

Oct 2 - 4, 1983

for Owner & Operator
VICTORIA RESOURCE CORPORATION
Vancouver, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,545

Vancouver, B.C.
July, 1984

S. Zastavnikovich
Geochemist/Consultant

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APPENDICES

Appendix I. Statement of Expenses

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MAPS

1. Scale 1:10,000 Geochemical and Geology Map, with topography and claim outlines for the KST Claims Group, (Fig 3) in pocket



A
N

INDEX MAP

KST CLAIM GROUP

NTS 92F/3

ver Island
Pacific, 280 miles long and 78 miles at
2,408 square miles.
second largest city in British Columbia.
den Hinde, 7219 ft.; Elkhorn Mountain,

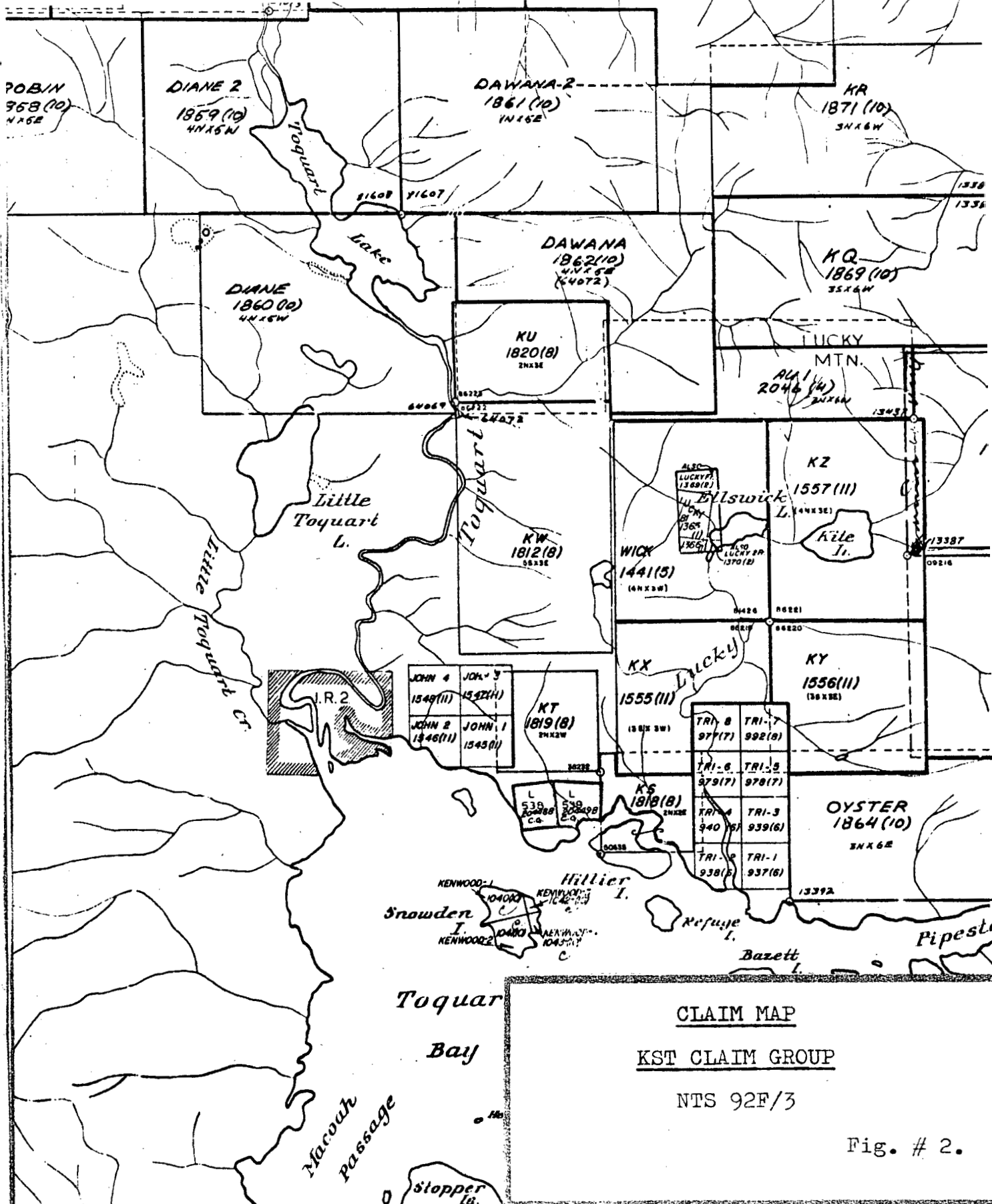
Fig. # 1.

Juan de Fuca Strait.
Re-named by Capt. Charles W. B.
"Imperial Eagle" in 1787, after the Greek
who claimed to have discovered and esp

CANADA
U.S.A.

125°

Northern Type Canoe



CLAIM MAP
KST CLAIM GROUP
 NTS 92F/3

Fig. # 2.

OUTH SEE MAP 92C/14W

Miles 1 0 2

Metres 1000 500 0 1000 2000 3000 Metres

MINES AND PETROLEUM
VICTORIA B.C.

to the positions of located mineral claims
and/or Placer Mining Leases only. Unsurveyed

GEOCHEMICAL ASSESMENT REPORT ON THE KTS CLAIM GROUP

(KS and KT Claims)

Alberni M.D., West Vancouver Island, B.C.

INTRODUCTION & DESCRIPTION

The KTS Claim Group, containing a total of 8 units consisting of the KS (4 units) and the KT (4 units) claims, is located near tidewater between the mouths of Lucky Creek and Toquart River, on the west coast of Vancouver Island 20 km northeast of Ucluelet, as shown on the Index and Claim Location Maps (Fig. #1 & #2).

The KS and KT Claims were staked at the end of July '83 for Victoria Resource Corporation adjoining their WICK claim, which contains the known gold-quartz 'Lucky' vein. The legal corner post for the KS claim is located on the mid-western shore of Hillier Island in Toquart Bay, and the LCP for the KT claim is situated 500 m north from tidewater along the western boundary of the KS claim.

Access to the legal claim posts is by all weather logging road to Toquart Bay, off Tofino highway, then by boat across Toquart Bay, or alternatively by helicopter from Nanaimo.

GENERAL GEOLOGY

The general geology of the claims area, as shown on the geochemical base map (Fig. #3, in pocket), was copied from the latest GSC 1:250,000 geology map of Vancouver Island by J.E.Muller, which shows the claims are underlain by the basic volcanic rocks of the Triassic Karmutsen Formation, which are in contact with the gneissic West Coast Complex rocks to the west and may be intruded by Tertiary Sooke granites in the southwest. (Snowden Island, less than 1 km to the southwest, was identified earlier by J.E.M. as being Tertiary intrusives - see paper 68 - 50, Alberni Geology). As well, intrusive dykes were observed on Hillier Island, and during the silt-sampling traverses on the mainland, pods of limestone were seen in the volcanics, indicating that on the local scale, the geology is somewhat more complex than suggested on the map.

Numerous northeasterly northwesterly fracture and lineament patterns are discernible from air photographs for the KTS claim group area, and in the field.

GEOCHEMICAL SURVEY

While geochemical stream sediment sampling was the main purpose of the survey, rock outcrop samples were also collected where available along the silt-sampling traverses. A total of 10 high quality stream sediments and 17 outcrop samples were taken, all analyzed for (see p.6)

Analytical Procedure - The samples were analyzed by Min-En Laboratories Ltd. of 705 West 15th St., N.Vanc, as follows:

The stream sediments were oven-dried in their original water-resistant kraft paper bags at 95°C and screened to obtain the minus 80 mesh fraction for analysis. The rock samples were crushed and pulverized in a ceramic-plated pulverizer.

A suitable weight of 5.0 or 10.0 grams is pretreated with HNO_3 and HClO_4 mixture.

After pretreatment the samples are digested with Aqua Regia solution, then taken up with 25% HCl to suitable volume and aliquot used for the 26 element ICP trace element analysis.

From the major remaining portion of the sample, Gold is preconcentrated by standard fire assay methods, then extracted with Methyl Iso-Butyl Ketone and analyzed by Atomic Absorption.

For Mercury analysis, 1 gram of sieved material is sintered at 90°C for 4 hours, then digested in HNO_3 and HCl acids mixture, and analyzed by the Hatch and Ott flameless AA method.

26 element ICP, plus gold and mercury at Min-En Laboratory in N.Vancouver, using standard geochemical methods described overleaf.

Complete analytical results are directly inscribed on the geochemical 1:10,000 scale sample location map (Fig. #3, in pocket).

Stream Sediment Geochemistry - A specially constructed perforated pan and sieve was used for collection of stream sediment samples in order to enhance the uniformity of the material sampled. The resultant reproducible analytical values make possible identification of samples subtly anomalous in trace elements, such as can be expected near small gold-quartz vein occurrences. Sample numbers 76930, 940 and 943 are mildly anomalous in copper, mercury, and zinc respectively, suggesting only minor amounts of gold mineralization to be present near surface within the claim group boundaries.

Rock Geochemistry - As shown on the sample location map, the rock sampling density was dictated by frequency of outcrops along the silt-sampling traverses, and the availability of rusty, carbonitized and silicified fractures, veinlets, and quartz blow-outs, altered or mineralized bedrock, and mineralized float. Pyrite was commonly observed, occasionally with copper sulfides and carbonates, particularly in the volcanics, while chalcopyrite, sphalerite and rarely galena were seen in some quartz veinlets and fracture zones.

The outcrop samples along the southwestern shore of Hillier Island and at tidewater in the southwestern corner of the KT claim, contain strong gold values, up to 1380 ppb Au in sample #81, in contrast to the stream sediments on the mainland to the north. The gold values in the rocks are strongly supported by multi base metal trace element concentrations, as well as arsenic and mercury, and in the most anomalous samples, silver.

CONCLUSIONS

1. The mild expression of single element trace metal anomalies in stream sediments, and their lack of gold concentrations, suggest only minor amounts of gold-quartz vein type of mineralization near the surface within the mainland boundaries of the KST Claim Group.

2. The strong gold concentrations, supported by strong trace element levels in the outcrop samples along the southwestern shoreline of Hillier Island, suggest that increasing amounts of gold mineralization are located off the shore in Toquart Bay, and at depth.

APPENDIX I

STATEMENT OF EXPENDITURES

(KST Claim Group)

Geochemistry

Salaries - S. Zastavnikovich, Geochemist 2 days @ \$250/day	500.00
Food - 2 days @ \$25	50.00
Travel - 4X4 Truck, 2 days @ \$35 plus gas - mileage, 547 km @ 10¢/km - Boat & motor, 2 days @ \$30/day - Ferry, Vanc./Nanaimo/Vanc.	112.00 54.70 60.00 33.90
Supplies - Camping & Field Equip. 2 days @ \$20/day - Field supplies (bags, flagging, propane)	40.00 35.00

Analysis

10 Silt Samples for Hg, fire Au, 26 ICP plus prep. @ \$19.35/sample	193.50
17 Rock Samples for Hg, fire Au, 26 ICP plus prep. @ \$21.00/sample	357.00

Report Preparation

Writing, drafting, 1½ days @ \$200/day	300.00
Report typing	70.00
Map reproduction, report duplication	50.00

Total Expenditures 1,856.10

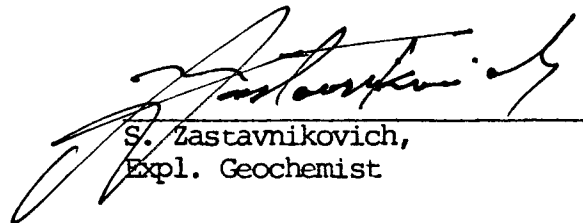
APPENDIX II

STATEMENT OF QUALIFICATIONS

I.- Sam Zastavnikovich, do hereby certify that:

1. I am a graduate of the University of Alberta with the Degree of B. Ed. in Physical Sciences, 1969.
2. I have been a practicing exploration geochemist with Falconbridge Ltd. of Toronto and Vancouver for thirteen continuous years as:

1969-1975: Field geochemist, international.
1975-1979: Project geologist-geochemist, B. C.
1979-1982: Exploration geochemist, worldwide, where I was engaged in all aspects of geochemical exploration, including research and development of improved sampling techniques, and advanced geochemical interpretation, as well as the writing of final, budget, and assessment reports.
3. I am a voting member of the Association of Exploration Geochemists.
4. I am a consulting geochemist with offices at 5063 - 56th. St., Delta, B. C.



S. Zastavnikovich,
Expl. Geochemist

MINERAL ACT - PROVINCE OF BRITISH COLUMBIA

Record of Mineral Claim
FORM G

MAP NO. 92F3W RECORD NO. 1818
MINING RECEIPT NO. 207469E RECEIVED AT Fort Alberni B.C. THIS 2 DAY OF August 19 83

DO NOT WRITE IN SHADED AREAS

[Handwritten signature]
Mineral Recorder

ALBERNI
MINING DIVISION

Affidavit
for
Mineral
Claim

NAME SMH ZASTAVNIKOVICH AGENT FOR VICTORIA RESOURCE CORPORATION
ADDRESS 5063-56 St. Delta, B.C. V4L 2C1 ADDRESS 712-744 W. HASTINGS ST. VANCOUVER 2, B.C. V6C 1A5
VALID SUBSISTING F.M.C. NO. 728125 VALID SUBSISTING F.M.C. NO. 252424

MAKE OATH AND SAY: I COMMENCED LOCATING THE KS MINERAL CLAIM

1 ON THE 1 DAY OF July 19 83 AT 7:30 AM AND COMPLETED THE LOCATION

ON THE 1 DAY OF July 19 83 AT 11:45 AM CONSISTING OF

1 UNIT LENGTHS North AND 2 UNIT LENGTHS East AND I HAVE IMPRESSED ALL THE REQUIRED INFORMATION

ON METAL TAGS NO. 50635 WHICH HAS BEEN SECURELY FASTENED TO THE POSTS AS REQUIRED UNDER THE REGULATIONS.

2 IDENTIFICATION POST(S) NOT PLACED WERE _____

3 CHECK "X" APPLICABLE SQUARE THE LEGAL CORNER POST _____ IS SITUATED: on Map 92F3W
 THE WITNESS POST FOR THE LEGAL CORNER POST _____
in Alberni (B.C.) on the west shore of the Clear Island in the Strait Bay, and 5.5 km due 204° from the Lucky Mountain Peak.

† BEARING AND DISTANCE TO TRUE POSITION OF LEGAL CORNER POST FROM THE WITNESS POST _____
BEARING AND DISTANCE FROM IDENTIFICATION POST TO WITNESS POST _____

4 I HAVE COMPLIED WITH ALL THE TERMS OF THE MINERAL ACT AND REGULATIONS PERTAINING TO THE STAKING OF MINERAL CLAIMS AND HAVE ATTACHED A PLAN, ACCEPTABLE TO THE MINING RECORDER, OF THE LOCATION.

SWORN AND SUBSCRIBED TO AT _____

THIS _____ DAY OF _____ 19 _____ BEFORE ME

[Handwritten signature]
SIGNATURE

20 JUL 1983

MR OR SMR STAMP

NO. OF UNITS _____ WORK REQUIREMENT \$ ABC-2/8A TOTAL REQUIREMENT - \$10.00 PER \$200.00 WORK \$20.00 PER \$200.00 C/L

WORK NUMBERS	C/L IN \$	MINING RECEIPT AND DATE RECORDED	TYPE OF WORK	YEAR OF EXPIRY	CREDIT		TRANSFERS (B/S'S, ASSIGNMENTS, CONVEYANCES)
					WORK UNIT(S)	RENTAL IN \$'S	

12,545

COMPANY: VICTORIA RESOURCES
PROJECT No: 705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
ATTENTION: S. ZASTAVNIKOVICH
(REPORT VALUES IN PPM)

MIN-EN LABS ICP REPORT
FILE No: 4-3038/P34
DATE: JUNE 4, 1984

REPORT VALUES IN PPM	AS	AL	AS	B	BI	CA	CO	CO	CU	FE	K	MB
76940 K0MESH	1.1	3050	0	4	5	1650	1.4	2	5	6430	422	449
76941	1.7	13100	0	11	5	4440	1.8	13	13	31100	358	5600
76942	1.8	4080	0	0	4	972	1.4	4	10	16400	182	1370
76943	1.1	18500	0	16	7	7300	1.1	17	23	48000	422	7640
76926	1.2	18200	0	15	9	8070	1.1	21	22	51200	432	10700
76927	1.2	16700	0	28	8	7240	1.4	17	23	46800	456	8310
76928	1.5	14800	0	12	6	7950	1.2	16	11	39600	354	8850
76929	1.8	15400	0	13	9	7700	1.4	17	11	42600	347	9010
76930	1.4	15500	0	14	10	7490	1.2	19	31	45200	356	8020
76931	1.4	14100	0	10	9	6990	1.3	15	11	40500	306	8230
76932	1.0	3920	0	5	5	4620	1.3	10	3	24000	249	4950

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REPORT VALUES IN PPM	KN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
76940 K0MESH	16	1	101	1	281	15	1	9	0	2	25.5	9
76941	390	1	153	9	110	14	5	14	0	6	40.4	34
76942	87	1	24	4	28	8	3	11	0	17	46.9	9
76943	420	2	249	13	250	16	7	42	0	9	76.9	42
76926	491	3	250	25	289	19	6	33	0	10	106.2	42
76927	335	2	307	19	307	14	5	32	0	7	96.0	33
76928	332	1	202	19	194	19	4	31	0	10	80.2	33
76929	357	2	225	19	192	16	5	30	0	10	86.2	33
76930	204	3	285	21	373	12	7	33	0	13	89.6	33
76931	319	2	138	16	215	12	4	31	0	13	70.8	29
76932	243	1	104	8	69	12	5	30	0	11	46.3	21

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MIN-EN LABS ICP REPORT
FILE No: 4-3038/P34
DATE: JUNE 4, 1984

REPORT VALUES IN PPM	BA	SE	HS	PPB	AU	PPB
76940 K0MESH	10	0	175	1		
76941	14	0	100	2		
76942	11	0	45	1		
76943	21	0	45	1		
76926	20	0	130	1		
76927	15	0	85	1		
76928	14	0	65	1		
76929	13	0	55	2		
76930	15	0	75	1		
76931	17	0	70	1		
76932	11	0	20	1		

COMPANY: VICTORIA RESOURCES
PROJECT No: TOQUART BAY
ATTENTION: S. ZASTAVNIKOVICH
(REPORT VALUES IN PPM)

MIN-EN LABS ICP REPORT
FILE No: 4-3038/P34
DATE: JUNE 19, 1984

REPORT VALUES IN PPM	AS	AL	AS	B	BI	CA	CO	CO	CU	FE	K	MB
81	10.6	22200	0	19	8	32900	2.0	22	93	57600	4440	6870
82	2.8	19200	0	22	5	44800	1.2	23	17	45800	832	10700
83	1.9	13700	16	33	0	2940	5.0	45	29	139000	4240	5020
84	1.0	9910	5	27	0	641	4.6	24	18	149000	4720	3260
85	1.3	3720	31	13	1	7900	1.6	8	5	3290	2920	257
86	1.4	9990	22	9	2	7450	1.3	9	15	13700	103	3650
87	1.0	5270	11	9	0	25400	1.7	5	2	14200	5620	1170
88	1.3	23600	54	30	2	26500	3.6	14	128	49100	1190	13200
89	1.5	4210	14	12	2	3510	1.4	6	9	15700	1500	1020
90	1.5	4120	10	12	3	1640	1.2	6	10	15700	1400	1130

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(REPORT VALUES IN PPM)

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FILE No: 4-3038/P34
DATE: JUNE 19, 1984

REPORT VALUES IN PPM	KN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
81	1140	1	401	10	855	865	20	28	2	1	102.2	79
82	1080	2	124	15	313	249	11	32	5	3	77.3	32
83	271	5	115	19	315	144	12	26	2	27	49.7	73
84	169	5	137	12	245	57	9	13	3	17	35.2	25
85	100	2	255	17	286	8	7	22	3	11	22.0	15
86	109	1	117	29	122	23	5	7	3	8	43.4	24
87	450	1	57	7	253	11	5	15	9	2	20.7	17
88	1010	3	180	17	190	72	17	132	11	12	54.9	68
89	91	1	493	11	201	6	1	13	4	8	13.5	12
90	80	1	417	11	214	7	1	8	4	10	12.2	15

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REPORT VALUES IN PPM	BA	SE	HS	PPB	AU	PPB
81	211	0	1750	210		
82	27	0	470	100		
83	78	0	255	550		
84	79	0	49	450		
85	127	1	1	125		
86	90	0	16	95		
87	52	0	7	215		
88	1140	0	120	120		
89	77	0	1	70		
90	59	0	4	70		

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MIN-EN LABS ICP REPORT
FILE No: 4-3038/P3
DATE: JUNE 4, 1984

REPORT VALUES IN PPM	AS	AL	AS	B	BI	CA	CO	CO	CU	FE	K	MB
61	1.8	23500	0	21	5	15800	1.6	21	27	46600	864	12500
62	1.7	30000	0	25	6	21500	1.3	22	25	49700	943	14300
56	1.3	3200	5	1	1	607	1.8	6	63	18400	119	1970
57	1.0	19000	0	17	0	89200	1.7	14	7	31300	741	16500
58	1.5	26300	0	25	4	27000	1.9	24	21	53100	1400	17300
59	1.0	3950	3	10	2	26500	1.0	12	160	13600	2010	2020
60	1.0	4060	2	6	3	22100	1.3	13	195	11600	2320	958

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MIN-EN LABS ICP REPORT
FILE No: 4-3038/P3
DATE: JUNE 4, 1984

REPORT VALUES IN PPM	KN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN
61	620	2	423	15	593	18	13	27	0	11	104.4	40
62	752	3	629	18	602	21	17	48	0	14	113.1	48
56	371	2	141	9	136	9	5	6	0	7	23.4	66
57	1210	2	173	16	362	25	17	66	2	0	56.3	19
58	664	3	731	22	740	26	18	53	0	11	117.9	37
59	227	18	387	4	289	11	6	28	6	6	4.2	14
60	185	24	407	4	330	9	5	27	6	8	2.9	7

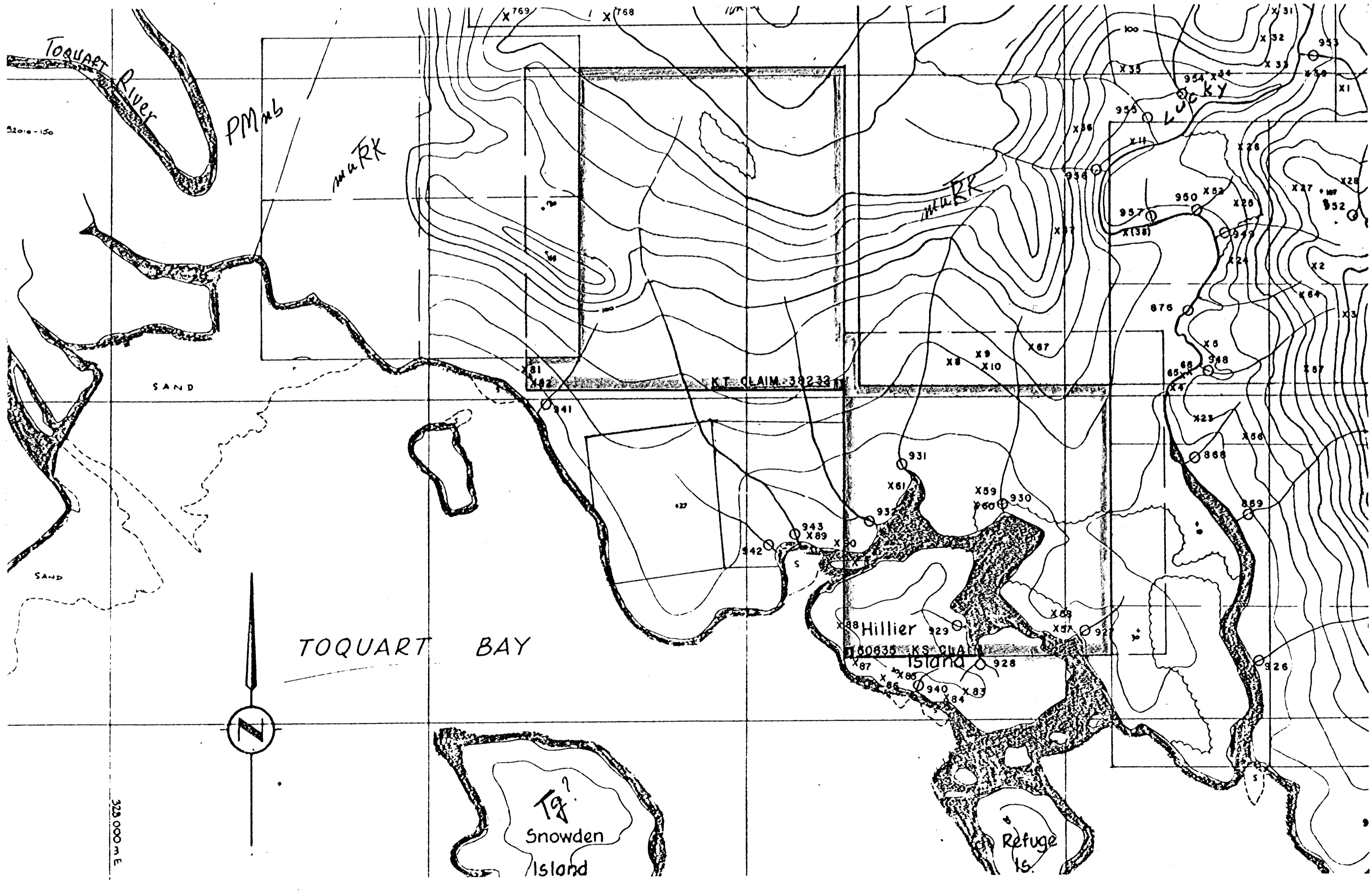
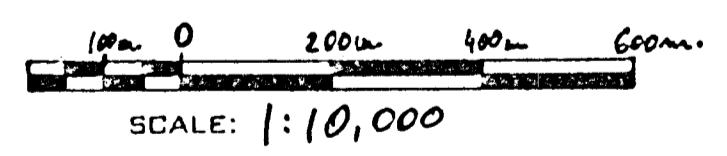
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MIN-EN LABS ICP REPORT
FILE No: 4-3038/P3
DATE: JUNE 4, 1984

REPORT VALUES IN PPM	BA	SE	HS	PPB	AU	PPB
61	159	0	70	3		
62	244	0	55	5		
56	11	0	55	3		
57	32	0	85	8		
58	36	0	55	4		
59	98	0	175	4		
60	91	0	215	7		

LEGEND

- Geological**
- T₉ - Sooke Intrusions
 - I₉ - Island Intrusions
 - PMab - Westcoast Complex
 - I₁₀ - Bonanza Volcs.
 - QAQ - Quatsino Lmest.
 - MURK - Karmutsen Volcs.
- Geochemical**
- 237 - Stream Sed. Sample Number
 - X₅₅ - Rock Sample Number
 - () - Float



LUCKY CK. CLAIMS - Toquart Bay Area

GEOCHEMICAL MAP
for
Victoria Resource Corporation

Date of Work: 1983-84 By: S. Zastavnikovich

Scale: 1:10,000 CONTROL BY: 1:30,000 N.T.S.

CONTOUR INTERVAL: 20 meters DATUM:

DATE OF PHOTOGRAPHY: JULY 15, 1982 MAP REF. 92 F/3

Map Mapping Corporation
Project No. 04-014

KST CLAIM GROUP

RECONNAISSANCE MAPPING