

2561

GEOLOGICAL & GEOCHEMICAL REPORT

H CLAIM GROUP

5 Miles southeast of Holberg, B. C.

51° 128° S. E.

NANAIMO MINING DIVISION

by

B. A. NEKRASOV, P. ENG.

Dated September 10,
1970.



SCALE: 1 INCH = 30 MILES

INDEX MAP

KW GROUPS
HOLBERG INLET
VANCOUVER ISLAND, B.C.

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Department of Mines and Petroleum Resources	
ASSESSMENT REPORT	
NO.	2561 MAP

INTRODUCTION

The H #1 to #32 claims were staked between the 11th and 24th of July, 1969 by D. K. Bragg as agent for Victoria Bragg. They were recorded in Vancouver on August 11, 1969. Notice to group H #1 to #32 was filed in Vancouver on August 10, 1970.

Victoria Bragg of 3567, West 27th Avenue, Vancouver 8, B. C. is the recorded owner of the H claims.

The claim group is located on the north shore of Holberg Inlet. The centre of the group is about five miles east-south of Holberg, B.C. Access is by boat from Coal Harbour, B. C. and Holberg, B. C. or by helicopter or float plane from Port Hardy, B.C. airport.

Elevations on the group range from sea level to 1900 feet above sea level near the centre of the group. Streams occupy sharp topographic depressions and canyons make crossing them difficult. The claim group lies within the Rayonier Forest Management Area. About half the area is covered by mature hemlock, balsam, cedar and spruce trees. The other half of the area covered by the H claims has been logged during at least two periods. Along the north shore of Holberg Inlet, for approximately 2000 ft. inland, the forest was logged between 50 and 60 years ago. Travel through the new growth is relatively easy except for dense patches of salal bush immediately along the shore of the inlet. The rest of the logged area was harvested between 10 and 20 years ago. Travel in this area of young forest regeneration is most difficult through the thick hemlock growth and dense briar thickets.

From July 8 to August 8, 1970, geological mapping and geochemical soil survey was carried out on a portion of the block. During this period work was done on H 1 to 9, H 12, 14, 17, 19, 21, 23 and 25 claims.

FIELD WORK

Field work on the H claim group was done by the following personnel during July and August, 1970.

D. K. Bragg	Field Geologist	July 8 to August 8
V. Bragg	Cook & Field Assistant	July 8 to August 8
D. Kupferschmid	Field Assistant	July 8 to July 16
J. Schmiesing	Field Assistant	July 8 to July 16
E. Warner	Field Assistant	July 20 to August 7
W. Boyd	Field Assistant	July 20 to July 23

D. K. Bragg, field geologist, supervised the field assistants and participated in the surveying and soil sampling. He also mapped the physical features and geology of the area covered.

Traverse lines were surveyed with Ranger compass and nylon chain. The lines were run north-south at about 400 ft. intervals with stations every 200 ft. along the lines. Control of the lines were put in at 66S, 100S and 132S. The north-south geochem lines are numbered from west to east and the stations from north to south in a continuation of the south-east quadrant grid system started on the adjoining KW claims. The lines are marked with orange and the stations with red plastic flagging.

Soil samples were taken using a 3 foot auger. Wherever possible the reddish brown B horizon underlaying the organic layer and leached zone was sampled. Soil sample data sheets were utilized and data on vegetation, soil type, texture, colour, sample depth, topography, and depth of overburden were recorded in the field. The soils were collected and placed in 'high wet strength Kraft $3\frac{1}{2} \times 6\frac{1}{8}$ O.E. waterproof bags' in the field. The samples were then partially dried in the sun and air in preparation for shipment to a custom laboratory.

A total of 11.11 miles of traverse line was surveyed on the H claims and 355 samples were collected. The samples were analysed for copper, molybdenum and zinc by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B. C.

GENERAL GEOLOGY

The Port Hardy area is underlain by Upper Triassic sediments and volcanic rocks intruded by several small stocks of assumed Jurassic age. The Upper Triassic rocks include, from youngest to oldest, Bonanza group, Quatsino formation and Karmutsen group. The Bonanza group consists of sediments and volcanic rocks. The Quatsino is largely represented by limestones, the Karmutsen is dominantly of volcanic origin.

Along the north shore of Holberg Inlet, sedimentary rocks are probably Cretaceous in age, locally overlie the Upper Triassic rocks.

LOCAL GEOLOGY

The Bonanza volcanic rocks are predominant on the area of the H claims that has been mapped to date. These include interbedded andesitic flows, tuffs, agglomerates, lapilli tuffs, and other volcanic *rocks*.

Bonanza sediments: black fossiliferous shales and some limestone interbedded with tuffs and andesite sills occur on most of H9 and 10. These sediments lie south of a subsidiary fault striking N 80° W across the northern portion of H9 and 10 and the south of H8. South of this fault some of the volcanic assemblage that may in effect be part of the lower Bonanza sediments interbedded with volcanic sequence, was typed as upper Bonanza volcanics. Due to the lack of continuous outcrop, it was difficult to determine the continuity of the sequences and the actual fault zone itself.

Another fault striking N 40° W cuts across the N.E. corner of H2 and 3, and the south west half of H1. Associated with this fault is parallel shearing. Considerable pyrite was observed in the area.

Just east of line 192E between 116S and 120 are an assemblage of rocks that may be cretaceous siltstone and sandstones. However, at times these are hard to distinguish from some of the Bonanza tuffs. The only other occurrence of Cretaceous rocks found is just off the map sheet along the north shore of the inlet south of 216E, 154 S.

LOCAL GEOLOGY - continued

Pyrite and minor chalcopyrite occur randomly throughout the map area. Two zones of strong pyritization were observed. Along the N 40° W fault across H 1, 2 and 3, pyritization seems to be associated with the shearing. Pyrite is also disseminated in the volcanics. As much as 5% sulphides by volume was noted in the gouge zones. Between lines 212E and 216E and stations 126S and 130S, considerable pyrite occurs, disseminated in Bonanza andesites (flow) and in a thin bed of agglomerate volcanics. The observed thickness of these beds was about 50 ft. striking N 70°W dipping S.W., dipping with the slope of the hill. This zone appeared to extend over about 400 ft. by 600 ft. As much as 20% pyrite by volume was observed. Lower down the creek and below these beds, a silicified tuff was found, containing considerable pyrite and minor chalcopyrite.

GEOCHEMICAL RESULTS

The samples collected were further dried in a thermostatically controlled oven at a temperature not greater than 130° F, at Chemex Labs Ltd. The samples were then screened to -80 mesh under exhausted hoods.

The samples were analysed for total copper, total molybdenum and total zinc, using a perchloric acid digestion. The atomic absorption method was employed for analysis. The results are given in parts per million (ppm) and plotted on separate maps included in this report.

Histograms are made for copper, zinc and molybdenum suggesting a background of 30 to 40 ppm for copper; 50 to 60 ppm for zinc, and 0 ppm for molybdenum.

CONCLUSIONS

The results of the geochemical sampling and analysis are presented in the accompanying maps. A coincident anomalous area for Cu., Mo. and Zn occurs along the 132S base line between 184E and 206E within the lower Bonanza sediments interbedded with volcanic sequences. Other small coincidences above background do occur along the afore described faults. No significance is given to this anomalies, which probably refer only to changes in rock types under the soil.

There is no evidence of sulphide mineralization of economic value on the claims surveyed and no favourable geological structure was observed.



B. A. Nekrasov

B. A. NEKRASOV, P. Eng. (Y.T.)
B. C. Consultant Geologist

A P P E N D I X

STATEMENT OF QUALIFICATIONS

D. K. Bragg supervised and participated in the soil sampling and survey control. He mapped the physical features and the geology of the area surveyed.

His qualifications are as follows:

Graduated Armstrong High School, B. C. in 1951.

Attended U.B.C. from 1958 to 1962 in the faculty of Arts and Science, in honors geology.

Worked for Kennco Explorations during the summers of 1956, 1957 and 1959 in the Yukon and northern British Columbia as an assistant prospector and geochem sampler under the direction of Dr. R. Campbell and R. Woodcock.

Worked as chief prospector for the Nahanni 60 Syndicate in the Northwest Territories in 1960 under the direction of Doug Wilmont.

Worked as chief prospector in the Yukon for Dualco in 1961 under supervision of E. Wozniak.

Worked as chief prospector for Mining Corp. of Canada in southeast B. C. in 1962 under J.S. Scott and Dr. K. Northcote.

Worked as chief prospector during the summer of 1963, for the Francis River Syndicate, in the Central Yukon, under the direction of Dr. A. Aho.

Worked as a field geologist in the Greenwood area of B.C. for Scurry Rainbow Oil in 1965 under the direction of Bill Quinn.

Worked as a field project supervisor for Alrae Explorations Ltd., from September 1965 to April 1, 1967 under the direction of Rae Jury.

Has received B. C. Provincial Grubstakes for the years 1964, 1968, 1969 and 1970.

Has worked in the Port Hardy-Holberg Inlet for three years.

STATEMENT OF COSTS

(Salaries plus field expenses at \$6.00/day)

D. Kupferschmid	8 days	@ \$26.00	\$ 208.00
J. Schmiesing	8 days	@ \$24.00	192.00
W. Boyd	3 days	@ \$24.00	72.00
E. Warner	1½ days	@ \$28.00	392.00
V. Bragg	28 days	@ \$26.00	728.00
D.K. Bragg	28 days	@ \$41.00	1,148.00

Employee Benefits (UIC, CPP, WCB)	<u>83.25</u>
	\$2,823.25

Cost of Analysis, 350 samples, Cu., Mo., Zn., @ \$2.00/sample	700.00
Vehicle Rental 28 days @ \$11.00/day	308.00
Boat & Motor rental, 28 days @ \$5.00/day	140.00
Report & map preparation	400.00

T O T A L \$4,371.25

Declared before me at the City

Province of British Columbia, this 14

September 1970, A.D.

Juli Turner

Commissioner for taking affidavits within British Columbia or
Notary Public in and for the Province of British Columbia.

NOTARY PUBLIC RECORDS

C E R T I F I C A T E

I, Boris A. Nekrasov, of the City of Vancouver, in the Province of British Columbia, hereby certify:

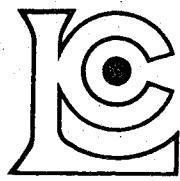
1. THAT I am a consulting Geological Engineer and my present address is P.O. Box 491, Stn. A., Vancouver 1, B.C.
2. THAT I am a registered Professional Engineer in Mining and Geological Section in Yukon Territory and also a corporate member of the Engineering Institute of Canada, a member of B.C. & Yukon Chamber of Mines, the Canadian Institute of Mining and Metallurgy as well as other Learned Societies.
3. THAT I have practiced my profession as an exploration geologist in B.C. and Yukon Territory for 15 years.
4. THAT I examined the property concerned in this report.
5. THAT I have no direct or indirect interest whatsoever in the mining claims referred to in the accompanying report, nor do I expect to receive any such interest.
6. THAT I have no direct or indirect interest in any Company acquiring control or intending to acquire control of H and/or KW Group mineral claims.

DATED this September 10, 1970



B. A. Nekrasov

B. A. NEKRASOV, P. Eng. (Y.T.)
Consulting Geological Engineer



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA
TELEPHONE: 985-0648

• CHEMISTS

• GEOCHEMISTS

• ANALYSTS

• ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Mr. D.K. Bragg,
3567 W. 27th Ave.,
Vancouver, B.C.

K.W. CLAIMS

ATTN:

CERTIFICATE NO. 11041 C

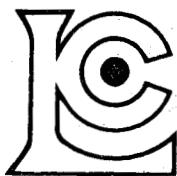
INVOICE NO. 3700

DATE RECEIVED Aug. 15, 1970

DATE ANALYSED Aug. 21, 1970

SAMPLE NO.:	ppm Copper	ppm Molybdenum	ppm Zinc
188E 98S	36	0	57
100S	28	0	42
102S	48	0	67
104S	52	1	66
106S	60	0	67
108S	60	0	59
110S	36	0	68
112S	52	0	70
114S	48	0	66
116S	42	0	120
118S	44	2	107
120S	20	0	52
122S	34	1	68
124S	58	1	68
126S	40	1	50
128S	34	0	40
130S	40	3	49
132S	74	17	310
188E 134S	54	4	128

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K.W. CLAIMS

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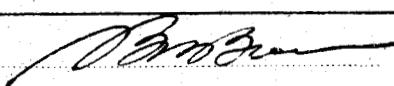
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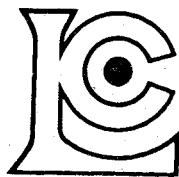
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DATE RECEIVED Aug. 15, 1970

DATE ANALYSED Aug. 21, 1970

SAMPLE NO.:	ppm Copper	ppm Molybdenum	ppm Zinc
184E 86S	48	0	67
88	26	0	66
90	42	0	43
92	30	0	55
94	26	0	48
96	33	0	57
98	34	0	57
100	40	0	68
102	31	0	45
104	31	0	40
106	38	0	62
108	38	0	54
110	56	1	68
112	30	0	47
114	51	0	57
116	36	0	43
118	48	0	68
120	65	1	80
122	76	1	157
124	36	0	57
126	40	0	50
128	41	0	90
130	51	1	85
184E 132S	50	4	62
188S 66+00E	33	0	120
188E 68S	33	1	43
70S	34	1	57
72S	33	0	60
74S	36	1	45
76S	33	0	47
78S	42	0	72
80S	41	1	72
82S	50	0	74
84S	10	0	27
86S	41	0	57
88S	31	0	45
90S	41	0	54
92S	41	2	55
94S	21	1	52
188E 96S	33	1	64
Std #22	52	17	72

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K.W. CLAIMS

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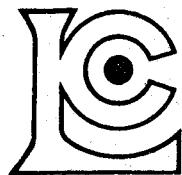
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DATE RECEIVED Aug. 15, 1970

DATE ANALYSED Aug. 21, 1970

SAMPLE NO.:	ppm Copper	ppm Molybdenum	ppm Zinc
66S 182E	42	0	60
184	40	0	55
186	48	0	74
190	44	0	59
194	48	0	70
196	40	1	85
198	42	0	82
202	44	0	85
206	40	0	55
208	34	2	48
210	24	0	54
212	36	0	70
66S 214E	28	1	60
100S 202E	36	0	45
204E	46	2	94
206	52	0	54
208	30	0	33
210	30	0	50
212	24	0	48
214	24	0	49
100S 216	33	0	57
132S 186E	96	4	200
190E	56	3	74
192	60	4	90
194	48	18	220
198	48	13	200
202	80	7	220
206	41	1	49
210	56	2	52
212	63	0	68
132S 214E	46	0	47
184E 68S	34	0	66
70S	22	0	40
72S	50	1	55
74S	44	0	40
76S	21	0	70
78S	38	1	68
80S	54	0	45
82S	42	0	80
184E 84S	41	0	50
Std #22	52	18	74

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K. W. Claims

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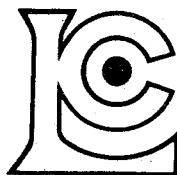
DATE ANALYSED

August 21/70

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc	
216E 124S	74	0	48	
126	44	0	48	
128	31	1	66	
130	24	2	52	
132	33	0	80	
134	40	2	94	
136	70	0	80	
138	36	0	38	
140	36	0	43	
142	33	10	57	
144	40	0	66	
146	28	13	52	
148	31	7	55	
150	41	1	54	
152	31	0	64	
216E 154S	24	4	50	
192E 72-1-50S	51	1	74	Rock
216E 126+50S	26	0	42	Rock
Std. #22	52	16	72	

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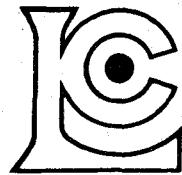
DATE ANALYSED

August 21/70

K. W. Claims

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc
212E 118S	22	0	36
120	30	0	50
122	21	0	37
124	24	0	42
126	34	0	36
128	46	1	64
130	34	1	130
132	14	0	17
134	30	0	43
136	46	0	50
138	31	1	45
212E 140S	36	0	34
216E 66S	24	0	50
68	26	0	66
70	21	0	52
72	34	0	55
74	34	0	55
76	34	0	42
78	28	2	49
80	28	2	60
82	42	0	85
84	41	0	74
86	42	0	42
88	38	0	74
90	26	0	50
92	26	0	57
94	22	0	45
96	21	2	87
98	16	0	43
102	24	0	48
104	16	0	40
106	18	0	48
108	26	2	43
110	21	1	60
112	12	0	66
114	22	0	47
116	20	0	39
118	22	0	45
120	21	0	42
216E 122S	24	0	33
Std. #22	54	17	74

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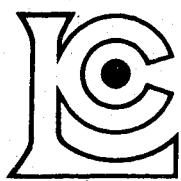
K. W. Claims

CERTIFICATE OF ANALYSIS

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc
208E 1108	22	0	43
112	24	0	55
114	22	1	50
116	18	3	31
118	21	1	45
120	22	0	59
122	18	0	54
124	30	1	57
126	54	0	67
128	42	3	142
130	42	2	107
132	44	1	110
134	33	0	52
136	44	0	70
138	44	0	90
208E 140S	42	0	68
212E 68S	41	0	70
70	36	0	62
72	18	0	57
74	31	0	59
76	33	0	62
78	20	1	49
80	51	0	57
82	44	0	64
84	38	0	70
86	56	0	110
88	38	0	68
90	34	0	66
92	28	0	67
94	34	0	66
96	46	0	60
98	21	0	37
102	18	0	42
104	8	0	45
106	18	0	49
108	24	2	45
110	13	0	50
112	18	0	36
114	20	0	64
212E 116S	16	0	57
Std. #22	52	16	74

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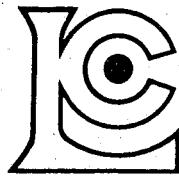
DATE ANALYSED August 21/70

ATTN:

K. W. Claims

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc
204E 98S	50	1	50
104	18	0	50
106	30	0	49
108	21	0	40
110	38	0	54
112	24	0	43
114	16	0	59
116	20	0	43
118	20	0	55
120	21	0	52
122	20	0	33
124	46	0	72
126	21	0	87
128	18	1	74
130	21	0	47
132	36	3	76
134	100	16	525
204E 136S	42	7	200
208E 668	21	2	54
68	22	0	55
70	30	0	66
72	30	0	74
74	42	2	62
76	40	0	50
78	30	0	78
80	30	0	59
82	31	0	60
84	33	0	74
86	40	0	66
88	26	0	64
90	34	0	57
92	18	0	55
94	30	0	87
96	31	0	55
98	24	0	62
104	24	0	40
106	13	0	42
208E 108S	16	0	47
Std. #22	52	16	72

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3567 W. 27th Ave.,
Vancouver, B. C.

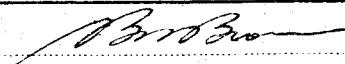
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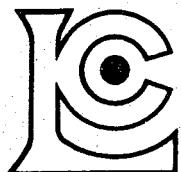
DATE RECEIVED August 15/70
DATE ANALYSED August 21/70

ATTN:

K. W. Claims

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc
200E 88S	33	0	40
90	30	0	39
92	24	0	52
94	30	0	64
96	36	0	82
98	13	0	42
100	26	0	45
102	16	0	42
104	12	0	64
106	13	0	48
108	22	1	54
110	20	0	39
112	14	0	66
114	22	0	52
116	34	0	60
118	60	0	74
120	31	0	68
122	34	0	90
124	33	0	60
126	34	1	66
128	28	2	68
130	42	8	340
132	78	20	200
200E 134S	52	15	320
204E 66S	33	0	62
68	22	0	57
70	41	0	68
204E 72S	74	0	48
74	44	0	54
76	58	1	67
78	58	0	68
80	18	0	59
82	36	1	87
84	41	2	55
86	42	0	50
88	51	1	55
90	20	0	124
92	30	1	60
94	18	0	66
204E 96S	16	0	55
Std. #22	52	16	72

Certified by 



CHEMEX LABS LTD.

• CHEMISTS

• GEOCHEMISTS

• ANALYSTS

• ASSAYERS

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA
TELEPHONE: 985-0648

CERTIFICATE OF ANALYSIS

TO: Mr. D. K. Bragg
3567 W. 27th Ave.,
Vancouver, B. C.

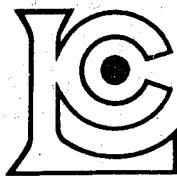
ATTN:

K. W. Claims

CERTIFICATE NO.	11038
INVOICE NO.	3706
DATE RECEIVED	August 15/70
DATE ANALYSED	August 21/70

SAMPLE NO.:	PPM Copper	PPM Molybdenum	PPM Zinc
196E 76S	40	0	48
78	31	0	48
80	28	0	90
82	22	0	52
84	66	0	68
86	33	0	38
88	48	0	57
90	33	0	76
92	24	0	48
94	26	1	67
96	20	0	42
98	41	0	43
100	24	1	45
102	21	1	66
104	28	0	68
106	22	0	70
108	26	1	59
110	31	0	52
112	31	0	55
114	28	0	50
116	36	0	76
118	44	0	70
120	42	0	90
122	38	0	82
124	31	0	52
126	20	0	52
128	41	0	68
130	56	12	170
196E 132S	51	10	200
200E 66S	36	0	62
68	41	0	78
70	40	1	76
72	46	0	66
74	52	0	68
76	42	0	70
78	54	1	60
80	34	0	39
82	44	0	67
84	41	0	43
200E 86S	36	0	67
Std. #22	54	17	72

Certified by



CHEMEX LABS LTD.

• CHEMISTS • GEOCHEMISTS • ANALYSTS

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA
TELEPHONE: 985-0648

• ASSAYERS

CERTIFICATE NO. 11037
INVOICE NO. 3706

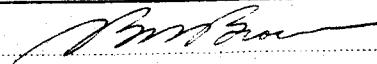
DATE RECEIVED August 15/70
DATE ANALYSED August 21/70

TO: Mr. D. K. Bragg
3567 W. 27th Ave.,
Vancouver. B. C.

ATTN:

CERTIFICATE OF ANALYSIS

SAMPLE NO.:	K. W. Claims		
	PPM Copper	PPM Molybdenum	PPM Zinc
192E 66S	44	1	72
68	40	1	82
69	34	1	66
70	30	0	60
72	40	1	78
74	40	1	52
76	34	0	128
78	40	1	87
80	38	2	80
82	40	0	68
84	41	1	49
86	48	1	48
88	38	0	68
90	20	0	45
92	20	0	66
94	46	0	74
96	51	0	74
98	6	0	19
100	46	2	64
102	34	0	36
104	28	1	35
106	21	2	45
108	52	0	49
110	52	0	67
112	48	0	66
114	26	1	55
116	34	0	52
118	30	0	70
120	13	0	27
122	42	2	124
124	33	0	68
126	38	0	47
128	38	0	57
130	41	5	124
192E 132S	41	4	200
196E 66S	44	0	76
68	48	0	90
70	51	0	76
72	51	0	66
196E 74S	48	0	68
Std. #22	54	17	72

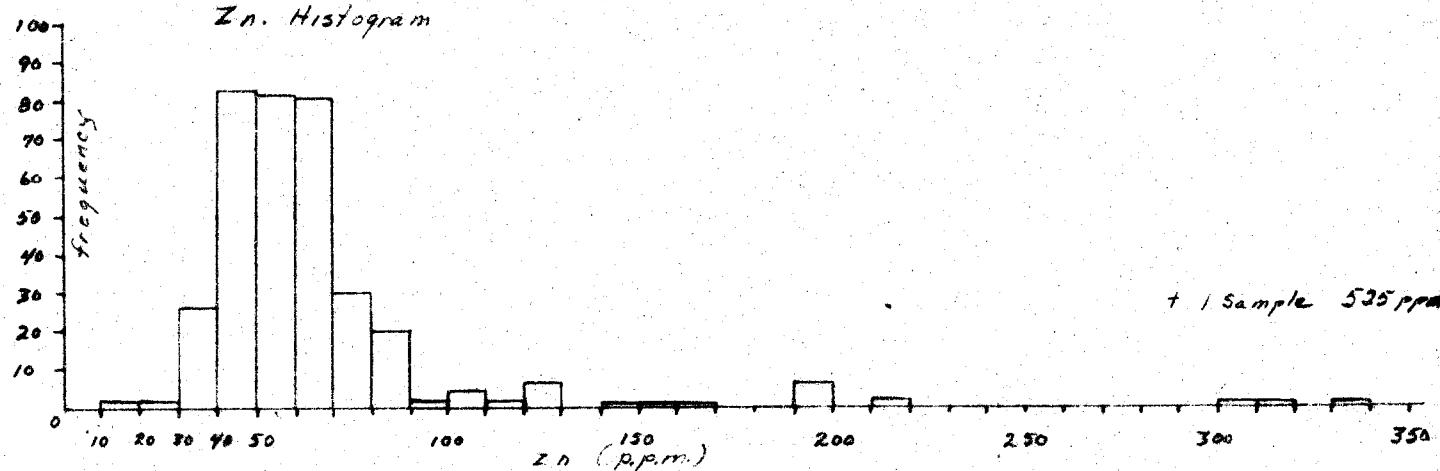
Certified by 

HISTOGRAMS Zn., Cu., Mo.

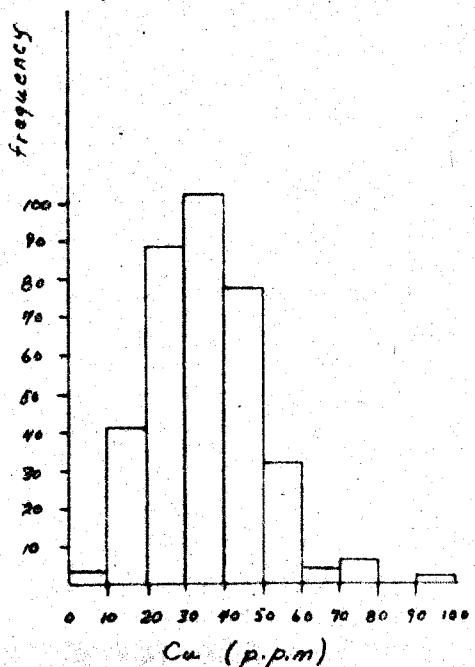
Geochemical Data 355 samples

To accompany 'Geological & Geochemical Report' by B.A. Nekrasov, P.Eng.
H Claims, Holberg Inlet Vancouver Island B.C. Nanaimo Mining Division
dated Sept. 1970

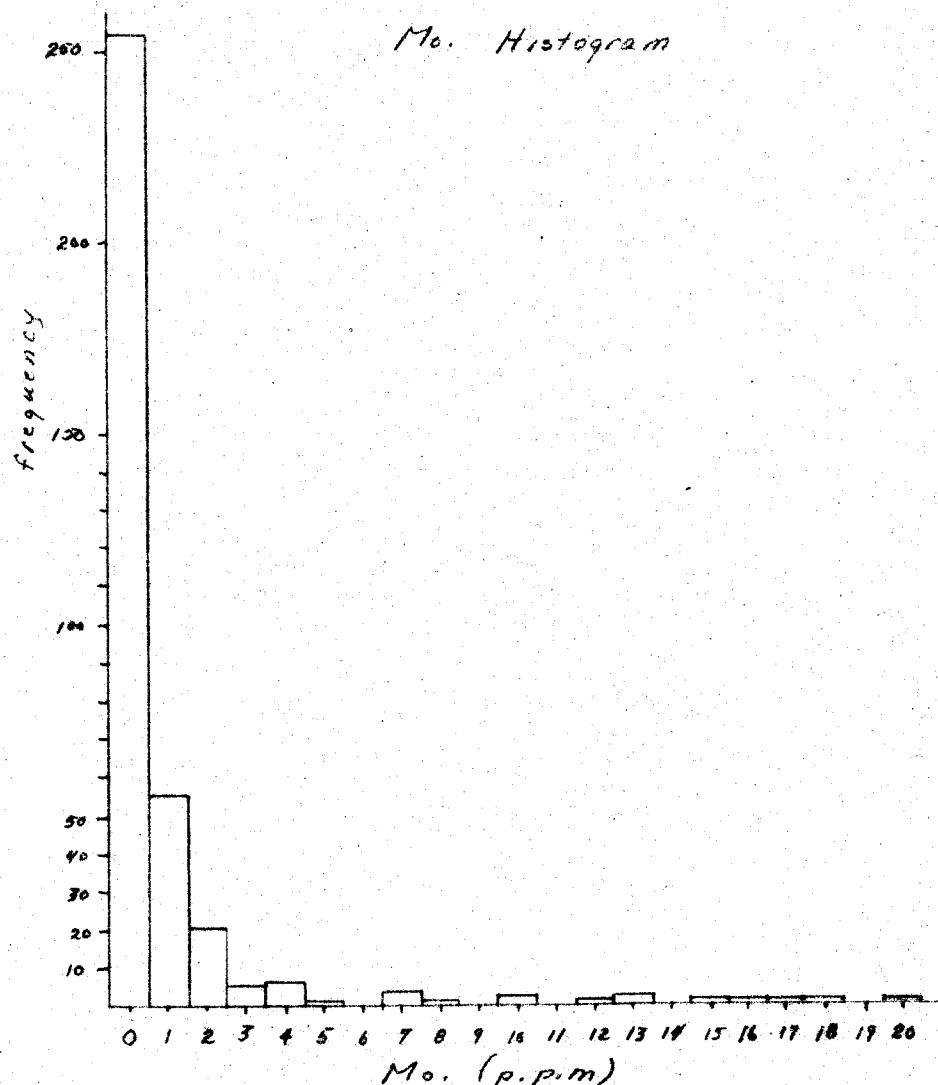
Zn. Histogram



Cu. Histogram



Mo. Histogram



Drawn by D.K. Bragg

Sept 1970

PROJECT

H CLAIMS

DATE:

AUGUST 3 1970

D. K. BRAGG

SOIL SAMPLING DATA SHEET

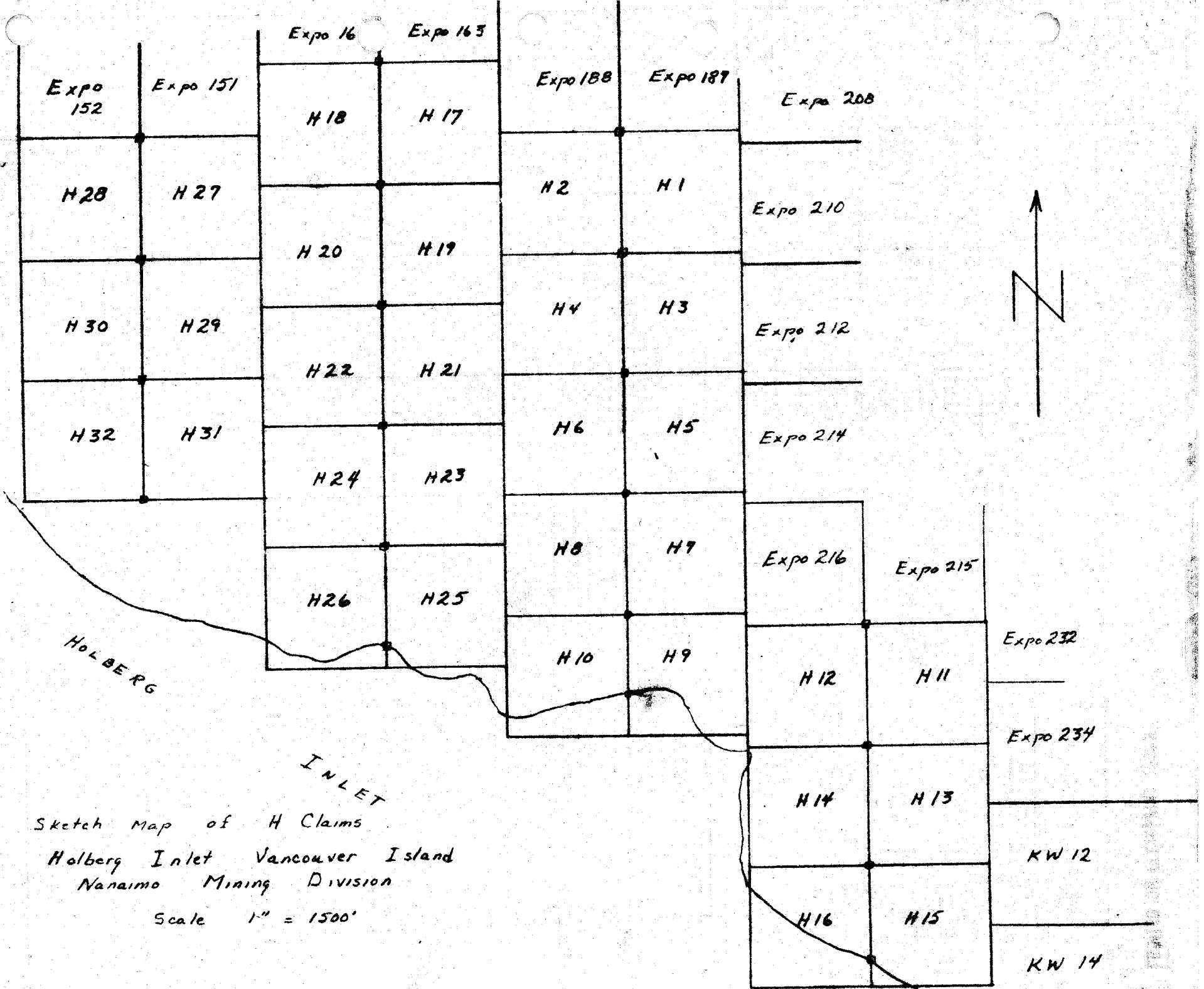
C-Cedar
B-Balsam

GCL

SAMPLERS:

DK BRAGG

SAMPLE NO.	STATION	COMMENTS	FOREST COVER VEGETATION, ETC.	DESCRIPTION OF SOIL - TYPE, TEXTURE, COLOR ETC.	SAMPLE DEPTH	ESTIMATED OVERBURDEN DEPTH	TOPOGRAPHY
1965	86S	Top of Hill. EOSE of Log.	IMMAT. B. HEM	LIGHT Brown GCL moist	2'	2' ±	5° N
	88S	TBR	IMAT. HEM	" GCL "	2½'	4' ±	25° S
	90S		" " C	" GCL ORG "	3'	5' ±	35° S
	92S		" " C	RED " GCL " "	3'	5' ±	25° S
	94S		" " C	" GCL " "	2½'	3' ±	40° SW
	96S	HOG BACK No Soil	" " C	GRAY " " "	1½'	1½'	40° SW
	98S		" " C	RED " " "	3'	4' ±	30° W
	100S		" " CB	" " " "	2½'	5' ±	30° SW
	102S		" " C	" " " "	3'	5' ±	30° SW
	104S		" C HEM	LIGHT " " "	3'	5' ±	35° SW
	106S		" C " B	RED " GCL "	3'	5' ±	30° SW
	108S		" " "	DARK " GCL ORG "	2½'	3' ±	25° SW
	110S		" HEM B	RED " GCL "	2½'	4' ±	15° SW
	112S		" " "	" " " "	2'	2' ±	30° W
	114S	LOGG	YNS	" " " "	2½'	5' ±	20° S
	116S		" " "	" " " "	3'	10' ±	20° SW
	118S		" " "	" " " "	2'	5' ±	20° SW
	120S		" " "	RED " GCL "	2½'	10' ±	20° SW
	122S		" " "	BUFF GCL	3'	10' ±	10° SW
	124S		" " ALDER	RED BROWN GCL	2½'	10' ±	20° SW
	126S		" " "	" " GCL "	3'	10' ±	2° W
	128S		" " "	DARK " GCL "	3'	15' ±	5° S
	130S		" " "	DARK RED GCL	2½'	5' ±	25° S
	132S		" " C ALDER	DARK BROWN GCL	2½'	5' ±	15° SSL
C-Cedar	B-Balsam	GCL	Gravel clay, loam				





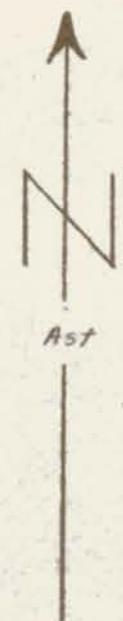
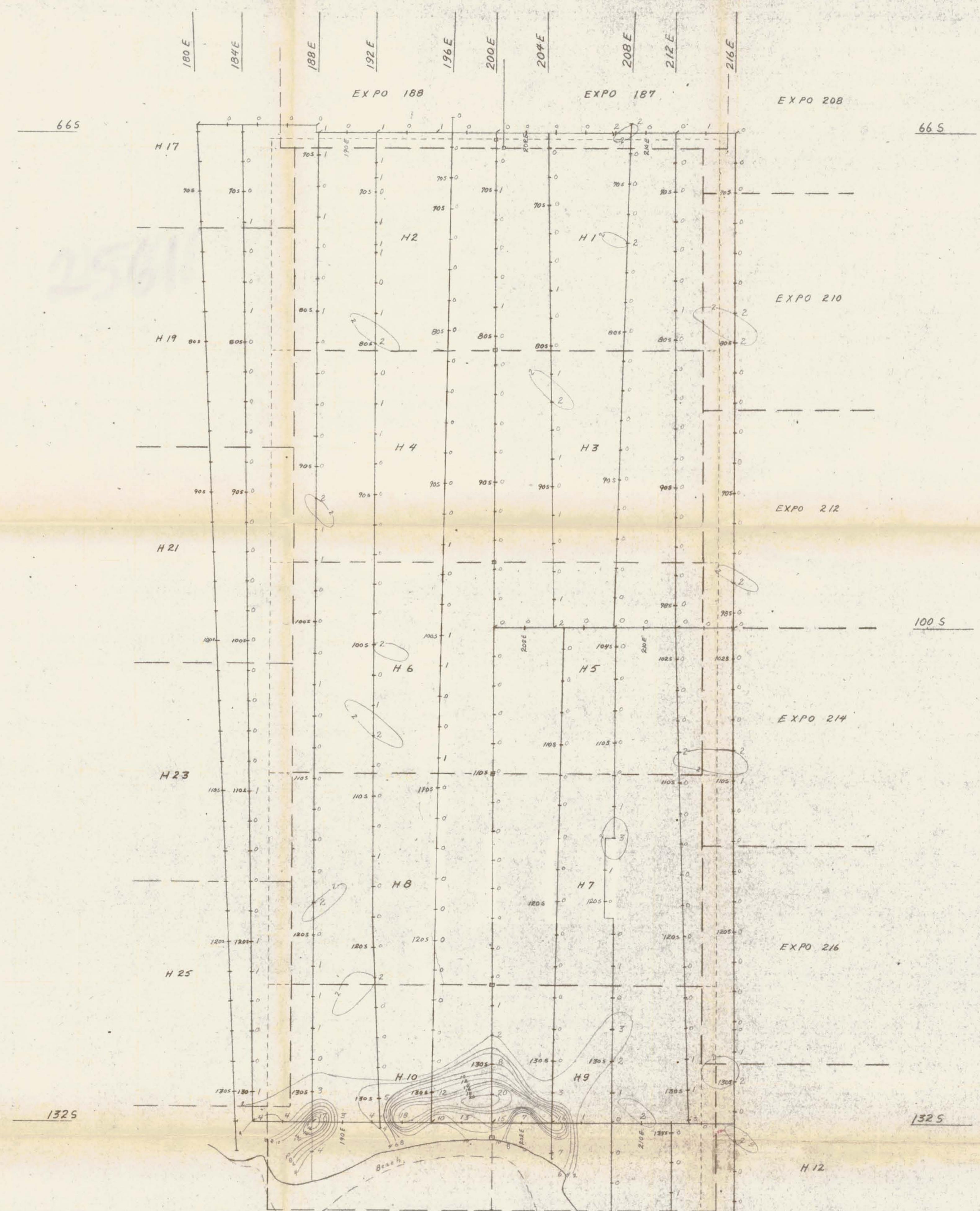
2561
B.M.

GEOLOGY MAP

H - CLAIMS
HOLBERG INLET VANCOUVER ISLAND B.C.
SCALE 1" = 400'

To accompany 'Geological & Geochemical Report' by B.A. Nekrasov P.Eng.
on the H Claims, Holberg Inlet Nanaimo Mining Division, dated Sept. 1970

Geology by: D.K. Bragg	Date: Sept 1970
Drawn by: D.K. Bragg	

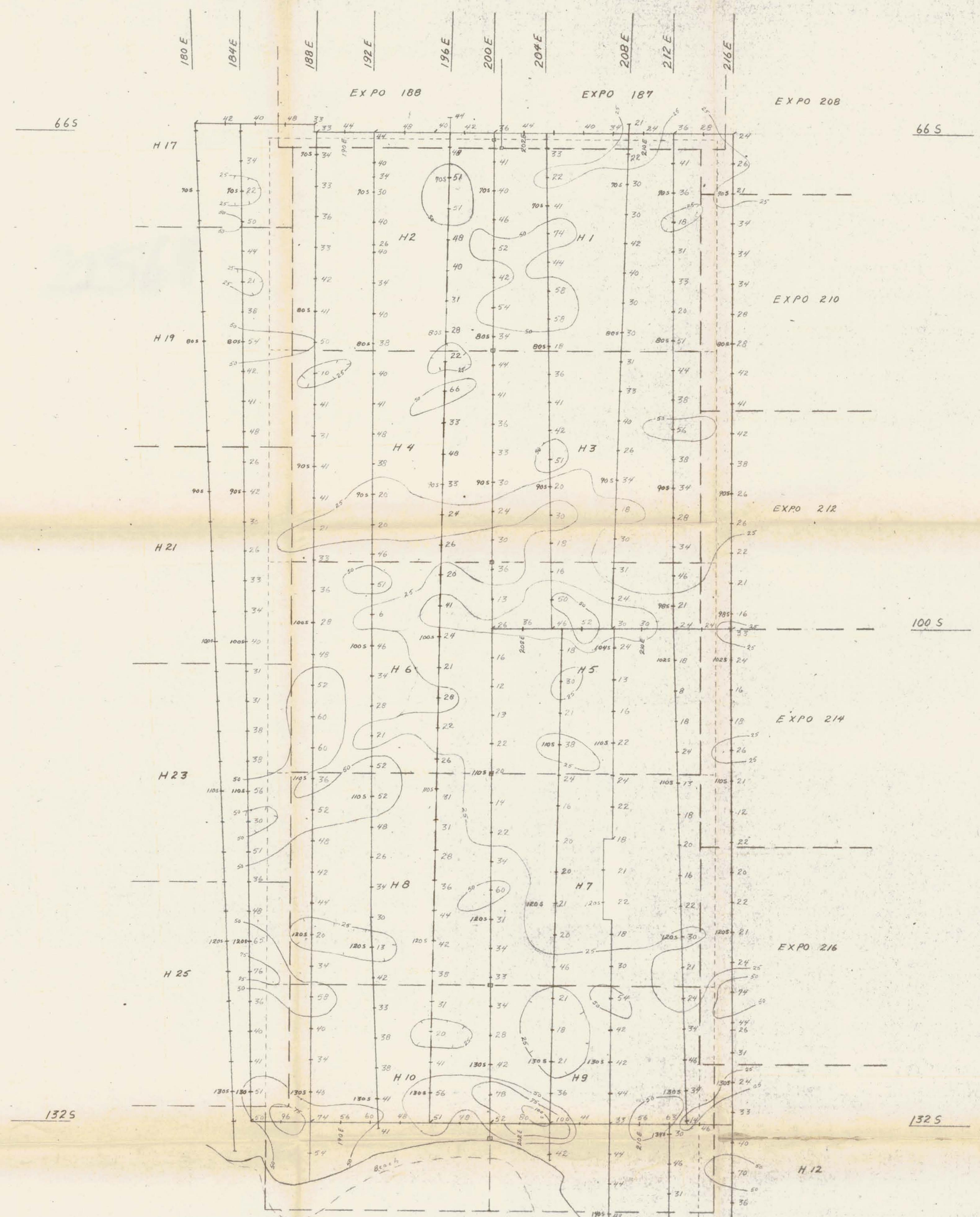


LEGEND

Location line showing position of posts,
claim boundary & claim name

H8 H7
H10 H9

200 E 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070 1075 1080 1085 1090 1095 1100 1105 1110 1115 1120 1125 1130 1135 1140 1145 1150 1155 1160 1165 1170 1175 1180 1185 1190 1195 1200 1205 1210 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LEGEND

Location line showing position of posts,
claim boundary & claim name

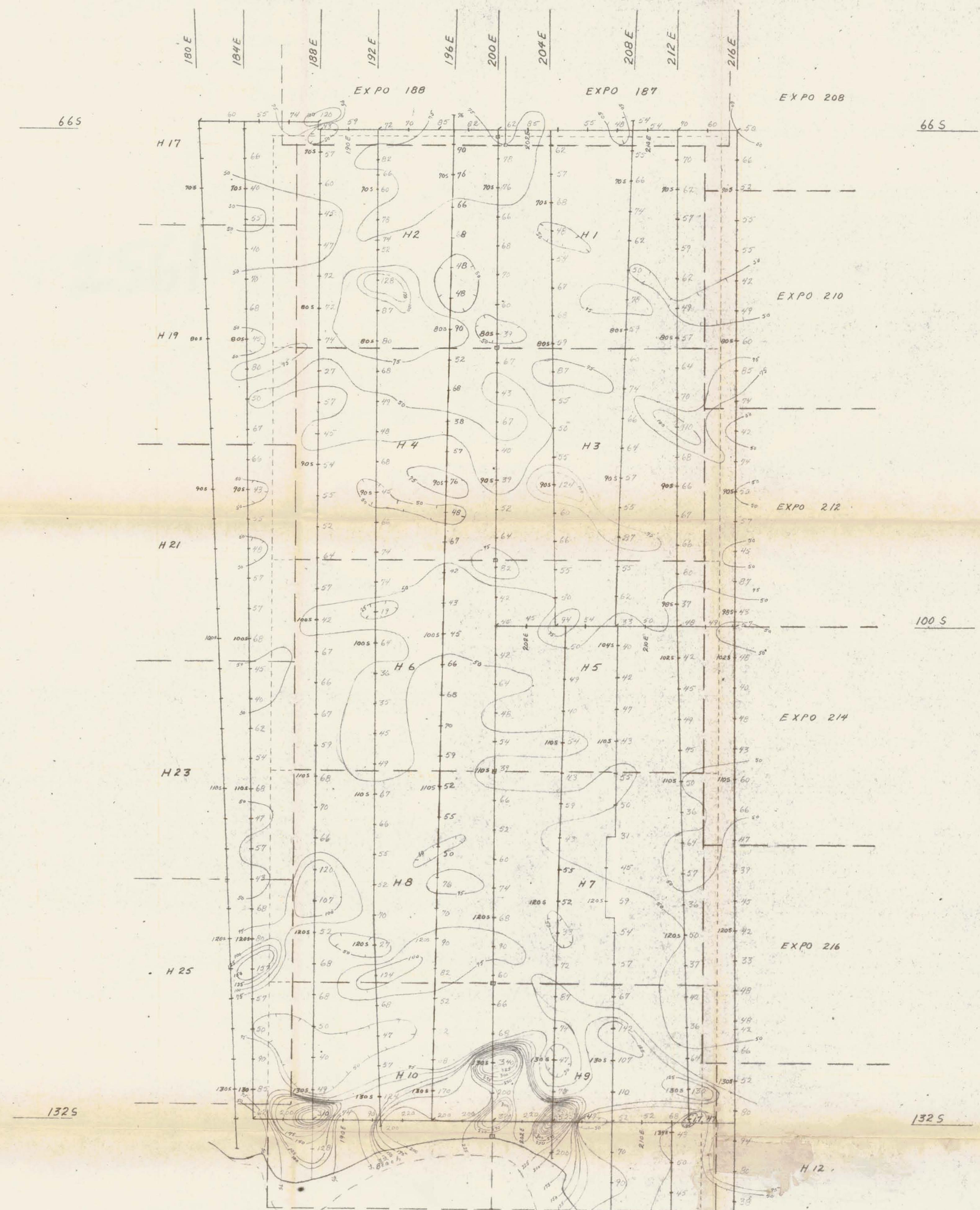
Traverse lines showing station numbers,
soil sample sites & Cu analyses in ppm.
Contour line showing Cu in ppm.
Interval 25 ppm.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 2561 MAP #4

GEOCHEMICAL SOIL SURVEY (C.u. ppm.)

H CLAIMS	
HOLBERG INLET VANCOUVER ISLAND B.C.	
SCALE 1" = 400'	
To accompany 'Geological & Geochemical Report' by B. A. Nekrasov P.Eng. on the H Claims, Holberg Inlet Nanaimo Mining Division, dated Sept 1970	
Work by: DK Bragg	Date: Sept 1970
Drawn by: DK Bragg	

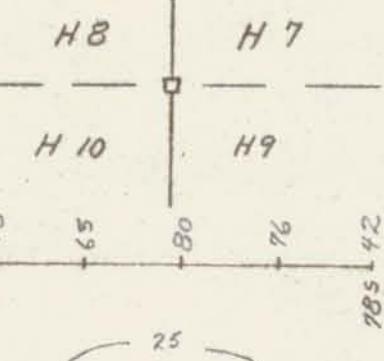
2561
Mineral



Ast
N

LEGEND

Location line showing position of posts,
claim boundary & claim name



Traverse lines showing station numbers,
soil sample sites & Zn. analyzers in ppm.
Interval 25 ppm.

Contour showing Zn in ppm.
Interval 25 ppm.

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 2561 MAP #6
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6 GEOCHEMICAL SOIL SURVEY (Zn. ppm.)	
H CLAIMS	
HOLBERG INLET VANCOUVER ISLAND B.C.	
SCALE 1" = 400'	
To accompany 'GEOLOGICAL & GEOCHEMICAL REPORT' by B. A. Nekrasov P.Eng. on the H Claims, Holberg Inlet Nanaimo Mining Division, dated Sept 1970	
Work by: D.K. Bragg	Date: Sept 1970
Drawn by: D.K. Bragg	

2561
Nekrasov