

ARIS SUMMARY SHEET

District Geologist, Victoria

Off Confidential: 89.06.08

ASSESSMENT REPORT 17764

MINING DIVISION: Alberni

PROPERTY: Yankee
LOCATION: LAT 49 13 45 LONG 125 39 35
UTM 10 5456117 306359
NTS 092F04E

CLAIM(S): Yankee 1
OPERATOR(S): Wood, D.H.
AUTHOR(S): Wood, D.H.
REPORT YEAR: 1988, 18 Pages

COMMODITIES
SEARCHED FOR: Gold, Silver

GEOLOGICAL
SUMMARY: Northwest trending gold bearing quartz veins are associated with a northeast striking high angle fault. Minor production was carried out in 1940 and 1941.

WORK
DONE: Prospecting
PROS 500.0 ha

RELATED
REPORTS: 12034, 13441
MINFILE: 092F 042

LOG NO: 0928	RD.
ACTION:	
FILE NO:	

PROSPECTING REPORT

ON THE

FILMED

YANKEE 1 MINERAL CLAIM

ALBERNI MINING DIVISION, BRITISH COLUMBIA

NTS 92F/4

LATITUDE 49° 13' NORTH

GEOLOGICAL BRANCH 115° 40' WEST
ASSESSMENT REPORT

17,764

SUB-RECORDER
RECEIVED
SEP 8 1988
M.R. # \$.....
VANCOUVER, B.C.

Douglas H. Wood, B.Sc., FGAC

Owner

September 8, 1988

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1.0 SUMMARY

Historical and assessment data pertaining to the Yankee 1 mineral claim indicates that gold mineralization is present within the property area.

Quartz vein mineralization is reported to consist of coarse free milling gold concentrated within northwesterly trending sulfide bearing quartz veins.

The Yankee 1 mineral claim is located within the Alberni Mining Division near the mouth of Tranquil Creek at the head of Tranquil Inlet on the west coast of Vancouver Island (NTS #92F/4). The approximate center of the property is at Latitude $49^{\circ} 13'$ North and Longitude $125^{\circ} 40'$ West.

The property was initially staked in 1940 as the Yankee Boy claim which was located in the central portion of the Yankee 1 claim. Development work in 1940 and 1941 produced small tonnage lots which returned an average of 257.6 g/tonne (7.54 oz/t) gold from a total of 0.77 tonnes (0.85) tons of ore.

Assessment work conducted in the mid 1980's, while not successful in finding the original workings, collected rock and silt samples with encouraging gold values at some distance from the reported position of the Yankee Boy workings.

Sampling and prospecting conducted in May 1987 and March 1988 have not reproduced all of the results from samples collected in 1984 and were also not successful in precisely locating the original workings. One silt sample from an area near the reported Yankee Boy workings returned low, but enriched gold values and a silt sample collected from a creek draining the east side of the Tranquil Creek valley returned high gold and silver values.

Mineralization appears to be related to hydrothermal systems generated during the emplacement of nearby Jurassic and Tertiary plutonic rocks and occurs within metamorphosed Sicker Group sedimentary and volcanic rocks adjacent to a northeast striking normal fault.

Mr. S Craig of Tofino, B.C., the original staker of the Yankee Boy claim, has informed this writer that the workings from 1940 and 1941 were subsequently buried when logging roads were constructed in the lower Tranquil creek area in the early 1960's and again in the mid 1970's.

2.0 RESULTS

Work was performed in 1988 on March 2, 3, 4 & 5 by D. Wood and R. Larabie. The property was reached via float plane from Tofino and due to weather conditions it was necessary to fly in to the property each day. Work was concentrated in two areas with stream silt samples collected where creeks were encountered.

Five shallow pits were dug and blasted open in the area of the reported workings and at an area where encouraging gold results were reported on in 1984. Samples from pits #1, #3, #4 and #5 were first assayed for copper, silver and gold and then subsequently analyzed by spectrographic methods for gold and thirty elements. Silt samples from six locations were analyzed by spectrographic methods for gold and thirty elements. All analyses were performed by Acme Analytical Laboratories of Vancouver, B.C.

Pits #1, #2 and #3 are located in the area of the reported Yankee Boy workings. Only the sample from Pit #1 returned greater than trace values in gold and silver (40 ppb gold and 1.1 ppm silver) and was collected from a 28 to 45 cm wide northwest striking steeply dipping quartz vein with approximately 5% pyrite and minor chalcopyrite.

Pits #4 and #5 are located in a gossanous zone on the east side of the Tranquil Creek valley where a grab sample collected in 1984 reportedly returned an assay 0.10 oz/ton gold. Only trace values were encountered in samples collected in March 1988.

Two of five silt samples returned above background values for gold. Sample Y-2, collected from a creek on the west side of the Tranquil Creek valley to the southwest of the reported position of the Yankee Boy workings, returned 16 ppb gold and sample Y-10, collected from a small creek on the east side of the valley, returned a value of 355 ppb.

3.0 CONCLUSIONS

Rock sampling from five exploration pits and exposed quartz veins has indicated that the original Yankee Boy workings are in the vicinity of pits #1, #2 and #3 and has failed to reproduce results obtained in earlier surveys in the vicinity of a gossan on the east side of the Tranquil Creek valley. Encouraging silt sampling results from creeks on the east and west side of the valley are a considerable distance from the reported position of the historical gold workings on the property and suggests that gold mineralization may be widespread.

Further exploration work on the Yankee 1 mineral claim should concentrate on the area surrounding the reported position of the Yankee Boy workings and areas surrounding and upstream of the two above background stream silt samples at stations Y-2 and Y-10.

4.0 REFERENCES

B.C. MMAR

British Columbia Minister of Mines Annual Reports for 1940, 1941 and 1946.

Carson, J.T. (1969)

Tertiary Mineral deposits of Vancouver Island, CIM Transactions, Vol. 72, pp 116-125, 1969.

Craig, S. (1988)

Personal communications in January and March, 1988 at Tofino, B.C.

Melrose, D.L. (1984)

A Reconnaissance Geochemical and Geological Report on the Tranquil Claim, Alberni Mining Division, B.C. for Euro-Petroleum Corp.

Muller, J.E. (1977)

Geology of Vancouver Island, Geological Survey of Canada, Open File 463.

5.0 STATEMENT OF EXPENDITURES

Wages

R. Larabie - 3 days @ \$150/day	\$ 450.00
D. H. Wood - 4 days @ \$150/day	600.00
Accommodation	119.88
Food	85.45
Supplies & Equipment	215.65
Transportation	457.50
Assays	186.60

TOTAL EXPENDITURES \$ 2,301.68



6.0 CERTIFICATE

I Douglas H. Wood of the city of Vancouver in the Province of British Columbia do hereby certify as follows:

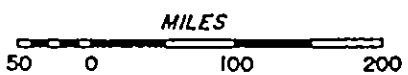
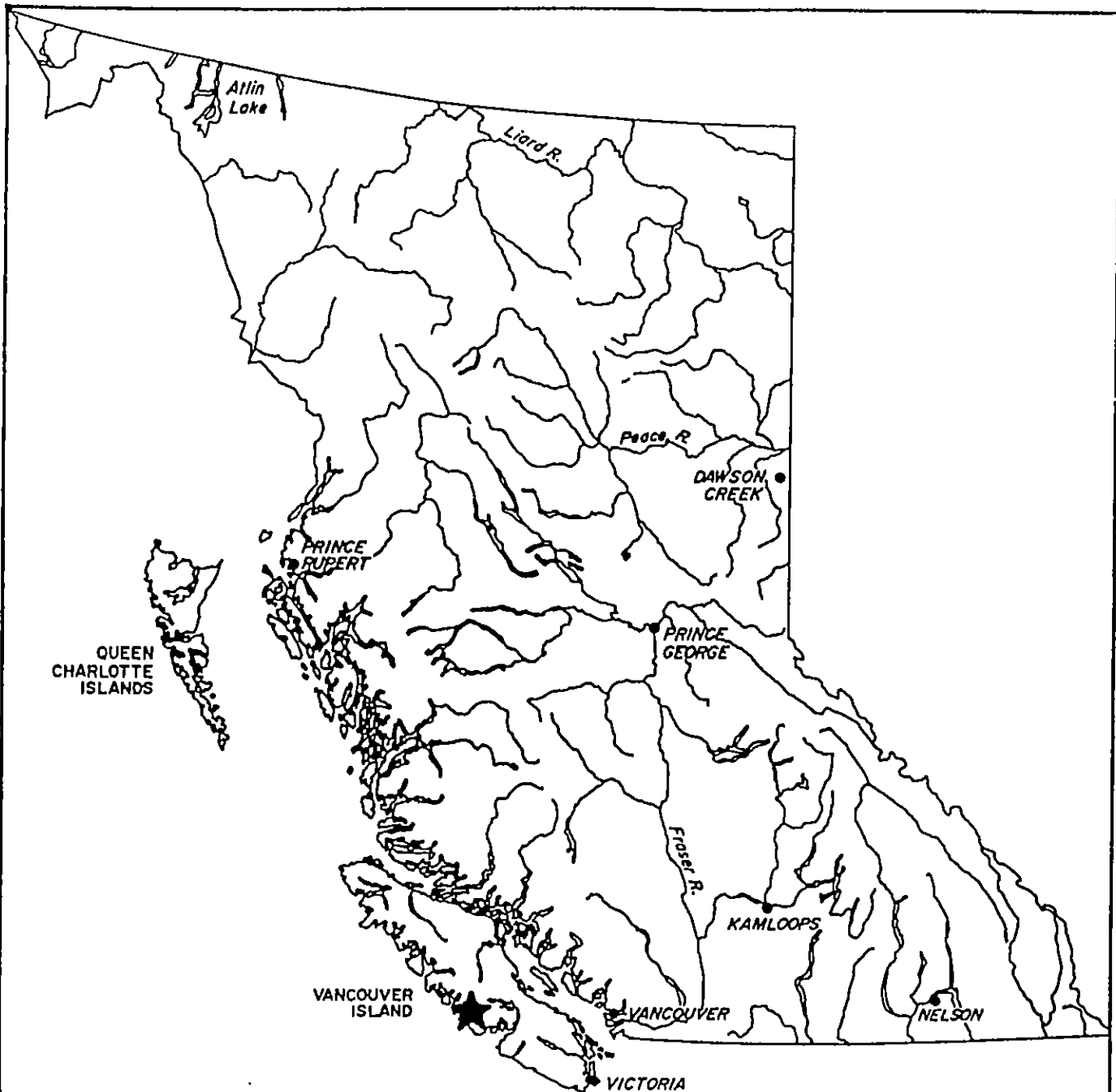
1. I am a consulting geologist based in Vancouver, B.C. and have been active in mineral exploration for the past eleven years.
2. I graduated from the University of British Columbia in 1981 with a Bachelor of Science degree in Geological Sciences and spent a further year at the post-graduate level at the University of B.C.
3. I am a fellow in good standing of the Geological Association of Canada (F4594).
4. I staked the Yankee 1 mineral claim in May 1988 and personally supervised and conducted the prospecting and exploration work detailed in this report.

Dated at Vancouver, Province of British Columbia, this 8th day of September, 1988.

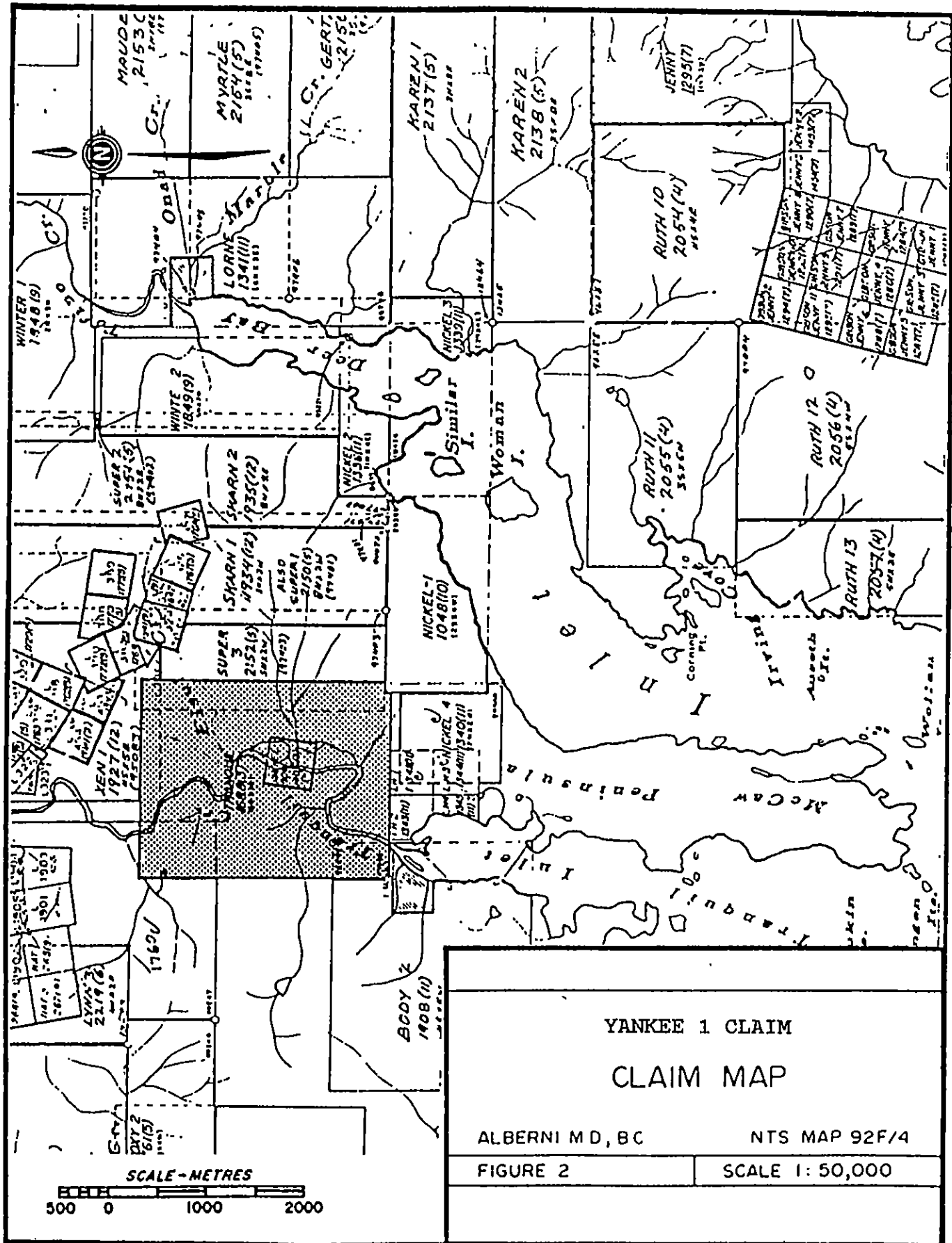
Douglas H. Wood

Douglas H. Wood, B.Sc., FGAC
Consulting Geologist





<p>YANKEE 1 CLAIM</p> <p>LOCATION MAP</p>	
ALBERNI M.D., B.C.	NTS MAP 92F/4
FIGURE 1	SCALE : AS SHOWN



YANKEE 1 CLAIM

CLAIM MAP

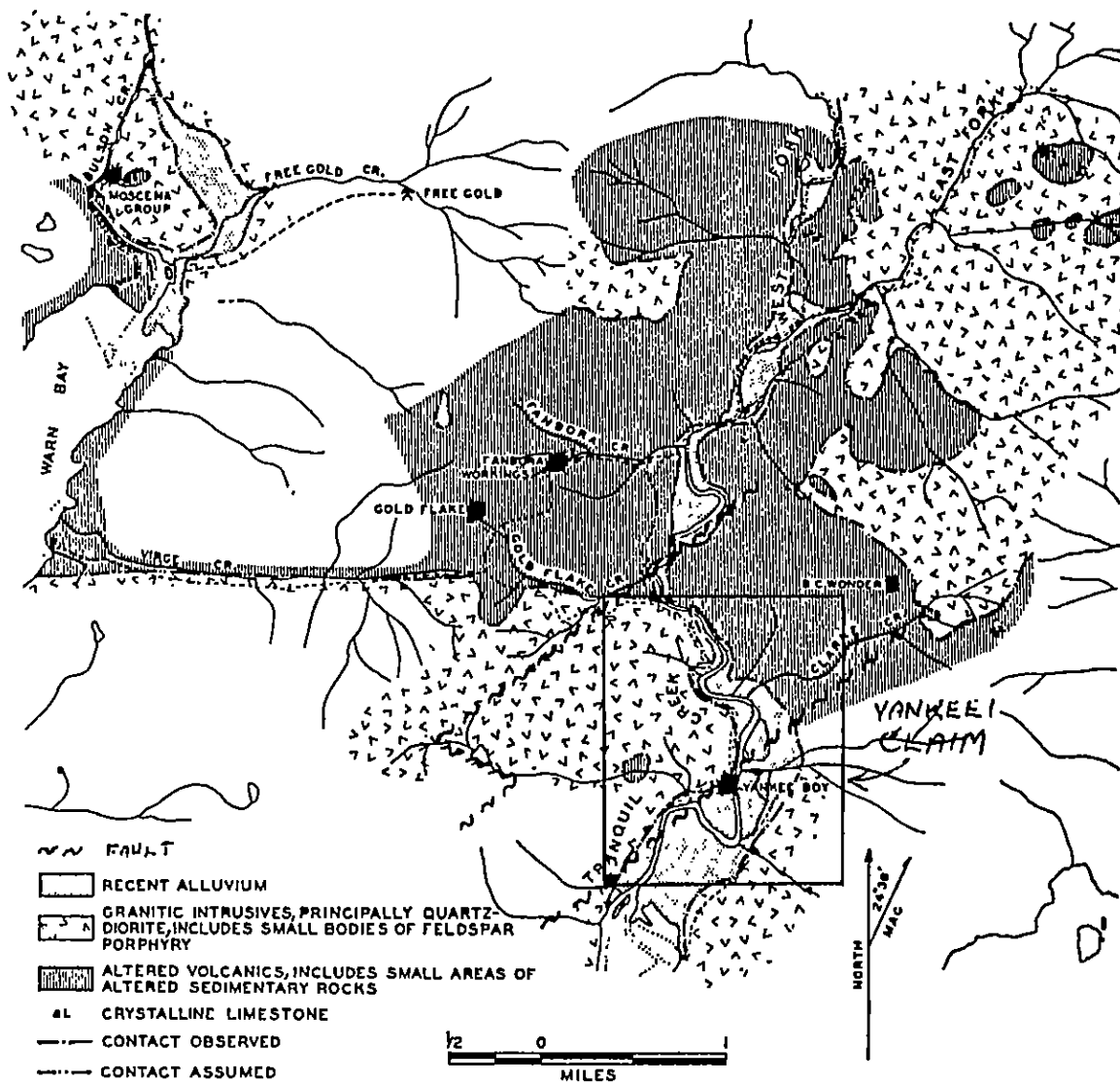
ALBERNI MD, BC

NTS MAP 92F/4

FIGURE 2

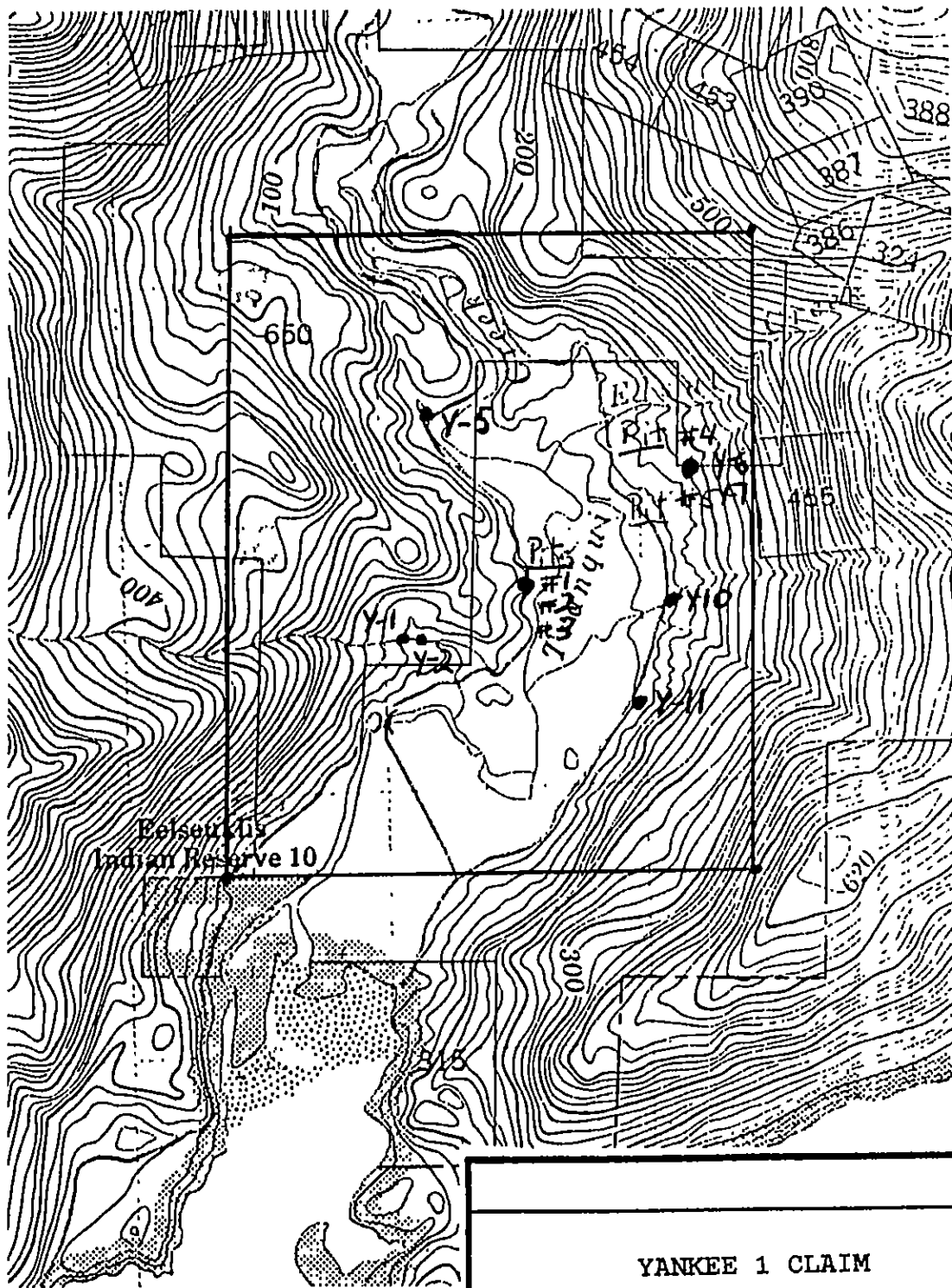
SCALE 1: 50,000





FROM: MINISTER OF MINES - ANNUAL REPORT 1946

GEOLOGY OF THE	
YANKEE 1 CLAIM AREA	
ALBERNI M.D., B.C.	NTS MAP 92F/4
FIGURE 3	SCALE 1:62,500



0 ——— Km

YANKEE 1 CLAIM

SAMPLE LOCATION MAP

ALBERNI M.D., B.C.

NTS MAP 92F/4

FIGURE 4

SCALE : AS SHOWN

APPENDIX A
ASSAYER'S CERTIFICATE

ACME ANALYTICAL LABORATORIES LTD.

DATE RECEIVED: MAR 09 1988

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Mar 17/88*

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

D.H. WOOD PROJECT-YANKEE BAY File # 88-0701A

SAMPLE#	CU %	AG OZ/T	AU OZ/T
PIT #1	.01	.03	.001
PIT #3	.01	.01	.001
PIT #4	.01	.01	.001
PIT #5	.01	.01	.001

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAR 18 1988 DATE REPORT MAILED: Mar 24/88 ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

D.H. WOOD PROJECT-YANKEE BAY File # 88-0701A R

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
PIT #1-	2	12	8	9	1.1	26	9	933	1.54	29	5	ND	2	190	1	2	2	1	9.87	.025	4	5	.13	1	.01	36	.03	.01	.01	2	40
PIT #3	2	8	18	30	.6	8	2	951	.68	3	5	ND	1	27	1	2	2	4	1.39	.004	3	13	.14	8	.01	34	.23	.02	.01	9	8
PIT #4	1	22	4	31	.4	4	10	470	2.71	2	5	ND	2	38	1	2	2	45	2.16	.025	4	7	.83	24	.13	23	1.87	.08	.12	3	2
PIT #5	2	74	4	31	.3	3	9	494	2.86	3	5	ND	3	15	1	2	2	46	1.48	.029	6	5	.81	45	.14	16	1.94	.09	.13	3	1

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR HG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: SOIL AAS ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: MAR 09 1988

DATE REPORT MAILED: Mar 17/88

ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

D.H. WOOD PROJECT-YANKEE BAY File # 88-0701

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	HG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AUS PPM
Y-2	1	16	5	70	.2	17	11	707	3.79	7	5	ND	1	29	1	2	2	82	.59	.044	4	33	.98	27	.17	13	2.60	.03	.04	1	16
Y-5	2	41	7	47	.1	7	8	486	3.03	2	5	ND	1	11	1	2	2	121	.43	.216	3	26	.44	7	.12	2	12.07	.03	.01	4	1
Y-6	1	33	5	50	.3	10	12	896	3.73	5	5	ND	1	24	1	2	2	100	.50	.052	4	22	.71	24	.16	3	2.42	.04	.01	4	1
Y-7	1	61	4	70	.2	11	12	971	5.01	12	5	ND	1	23	1	2	2	86	.51	.045	5	19	.82	30	.15	5	2.08	.03	.02	2	2
Y-10	1	56	2	73	2.4	13	11	825	4.00	6	5	22	1	20	1	2	2	93	.50	.044	4	26	.90	40	.13	3	2.12	.03	.05	1	355
Y-11	1	58	4	47	.4	13	10	615	3.66	5	5	ND	1	18	1	2	2	91	.37	.048	4	27	.70	24	.14	4	2.31	.03	.03	1	4