

85-543-14535

ASSESSMENT REPORT

ON THE

**LAZEO-KLEIN GROUP
ALBERNI MINING DIVISION
BRITISH COLUMBIA
LATITUDE 49°24' NORTH
LONGITUDE 125°53' WEST**

NTS 92F/5W

05/86

FOR

**CONSORT ENERGY CORPORATION
406 - 475 HOWE STREET
VANCOUVER, BRITISH COLUMBIA
V6C 2B3**

BY

FILMED

**PATRICK J. GANNON, B.Sc.
Consulting Mining Geologist**

VANCOUVER, BRITISH COLUMBIA

23 AUGUST 1985

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

05/86

14,535

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Location Map	Lazeo-Klein Group Scale: 1,300,000	Following	2
Sample Location Map	Lazeo-Klein Group Scale: 1:10,000	In Pocket	

INTRODUCTION

Consort Energy Corporation, 406-475 Howe Street, Vancouver, B.C., V6C 2B3, are the operators of the 63 mineral claim units owned by Messrs. L.Lazeo and L.Brunback.

The purpose of the present work was an exploratory geological and geochemical surveys.

SUMMARY

The Lazeo-Klein group consist of 63 units in the Port Alberni Mining Division, British Columbia, N/G # 1168.

From the geological reconnaissance and the soil geochemistry, I recommend:

- 1) Follow-up geochemistry for copper, lead, zinc, cadmium and silver, at a cost of \$64 for the 16 anomalous silt and soil samples as indicated in Appendix I.
- 2) After evaluating the above results, during this field season, I recommend a \$ 4,000 geological-geochemical program to find the source of these highly anomalous gold values.

PROPERTY AND LOCATION (See Location Map)

The Lazeo-Klein group consist of 63 units. The group is located at an elevation between sea level and 600 meters on map sheet 92F/5W, Alberni Mining Division, British Columbia, at 49°24' North Latitude and 125°53' West Longitude. The property is east and north of Gibson Cove in Herbert Inlet, just south of the Stratcona Park border, and a few hundred meters south of the old Abco and Big Boy Mines.

The **Lazeo-Klein** group (63 units) includes:

		RECORD NO.
Herb 1	20 units	2176
Herb 2	20 units	2177
Herb 6	3 units	2181
Lazeo-Klein -	20 units	1788

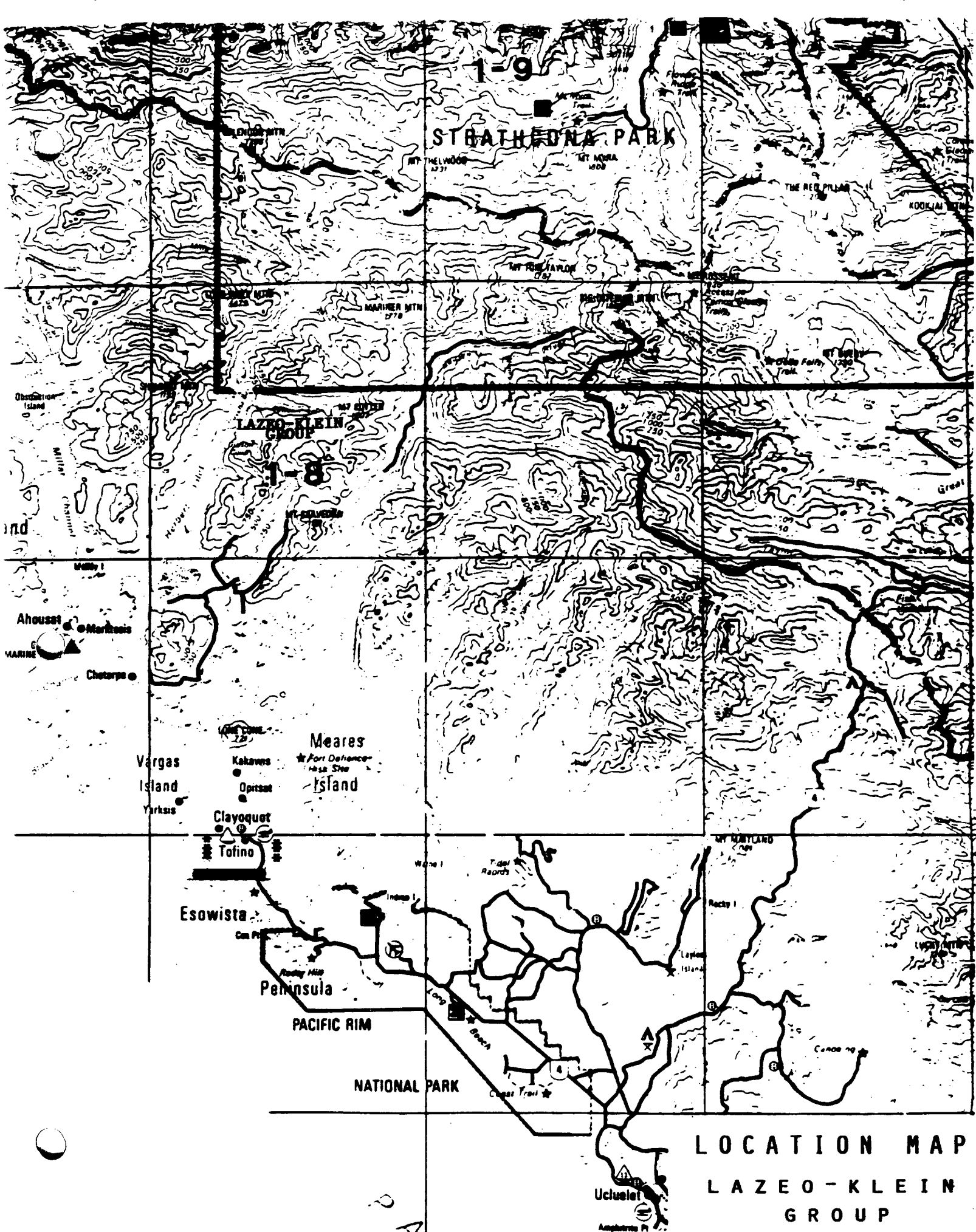
ACCESSIBILITY

From Nanaimo to Port Alberni and to Tofino, 224 kilometers by paved highway, then 30 kilometers N20°E to the property, via Pacific Rim Airlines or by boat.

GEOLOGY, MINERALIZATION AND ALTERATION

At Gibson Cove the predominant rock unit is a limestone, both re-crystallized and occasionally silicified with erratic volcanic lenses and disseminated pyrite found also along small fractures.

Along Creek "A", also part of the Herb 1 Mineral Claim, there are only andesites, with random quartz veining and disseminated pyrite.



We may conclude, therefore, that only at Gibson Cove we are dealing with the upper part of the Sicker Group which has been defined to be of Early Permian age (Yole, 1963). Thus, the andesites found along Creek "A" would correspond to the Karmutsen Formation which is of Late Triassic age.

At Creek "L", 575 meters up creek, cutting the Herb 2 and Herb 6 mineral claims, there are pyrite-bearing basalts and andesites of the Karmutsen Formation. Subsequently, there is a small chloritized, gouge-rich vein straddled by the only 2 anomalous gold values in this drainage (16 & 13 ppb Au).

Creek "X" in the Lazeo-Klein mineral claim, is all within the Karmutsen Formation. The 28 ppb gold anomalous value at X-200 east is probably associated to a parallel shear to the 6 inch, N70°W, quartz vein at X-360 east.

Both Line "C" and "2 LN", which are also in the Karmutsen Formation, show occasional pyrite, quartz veinlets and stringers, but rarely alteration or weak metamorphism.

STRUCTURE

The predominant structure is the N75-80° W fault along Cotter Creek. Both significant shears and faults in the Karmutsen Formation appear to be associated to this bearing.

GEOCHEMISTRY

Soil samples were taken at a depth between 0.25-0.50 meters.

A total of 218 samples were taken, of which 131 were soil, 50 were stream sediments, and 37 were rock, and all assayed for gold by atomic absorption.

Assaying was done by Acme Analytical Laboratories, 852 East Hastings Street, Vancouver, British Columbia, V6A 7R6, Phone (604) 253-3158, for gold using

atomic absorption.

Interpretation of Results

Even though there were a few anomalous rock gold values, no further rock sampling is warranted without it having been targetted previously by highly anomalous soil and especially silt gold values.

From the extremely high silt values (up to 880 ppb), and the highly anomalous soil values (up to 140 ppb), there is a strong possibility we are dealing with native gold, which necessarily would not be associated to silver or copper.

CONCLUSIONS AND RECOMMENDATIONS:

Based on the geochemical survey, I recommend:

Follow-up geochemical assaying for copper, lead, zinc, silver and cadmium by ICP, at a cost of \$ 4.00 each of the 16 soil and silt anomalous values as shown by **in assay sheets. (Total cost \$ 64.00.)

Based on the above results, I recommend during this field session, a \$ 4,000 geological-geochemical reconnaissance program to explain the significance of these highly anomalous gold values.

Respectfully submitted,



Patrick J. Gannon, B.Sc.,
Consulting Mining Geologist.

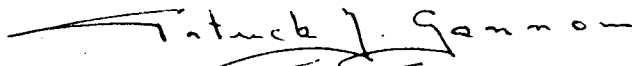
STATEMENT OF COSTS

The program on the Lazeo-Klein Group was done between May 14-19, 1985, both inclusive:

PERSONNEL

Patrick J. Gannon Consulting Mining Geologist 1 day @ \$275/day	\$ 275.00
Dan Fenning Crew Chief 6 days @ \$175/day	1,050.00
Doug Hopper Prospector-Sampler 6 days @ \$150/day	900.00
Tony Wesley Field Assistant - Sampler 6 days @ \$125/day	750.00
Detlef Detels Field Assistant- Sampler 6 days @ \$125/day	750.00
FERRY	68.00
BOAT RENTAL	230.00
FLOAT PLANE (Tofino-Cotter Creek)	305.00
GROCERIES AND SUPPLIES	685.00
TRUCK RENTAL	278.00
MISCELLANEOUS EXPENSES (EQUIPMENT)	187.00
ASSAYS - (218 for gold) (following Appendix I)	1,094.70
GEOLOGICAL AND GEOCHEMICAL REPORT	1,000.00
TOTAL WORK PROGRAM:	\$ 7,572.70 =====

Respectfully submitted,


Patrick J. Gannon, B.Sc.,
Consulting Mining Geologist.

APPENDIX I

ACME ANALYTICAL LABORATORIES LTD.

ASSAYS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED AUG 19 1985

DATE REPORTS MAILED

Aug 22/85

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : P1-3 SOILS P4-6 SOILS & SILTS P7-ROCKS
Au* - 10 GM. IGNITED, HOT AQUA REGIA LEACHED, MIBK EXTRACTION, AA ANALYSIS.
P = PULVERIZED

ASSAYER: *V. Saundry* DEAN TOYE OR TOM SAUNDRY, CERTIFIED B.C. ASSAYER

CONSORT ENERGY PROJECT HERBERT INLET FILE# 85-1922 PAGE# 1

SAMPLE	Au* ppb
A-00-S	3
A-50-S	1
A-100-S	3
A-150-S	1
A-200-S	2
A-250-S	4
A-300-S	2
A-350-S	4
A-400-S	1
A-450-S	1
A-500-S	6
A-550-S	2
A-600-S	1
C-23+00W	5
C-22+50W	7
C-22+00W	10
C-21+50W	10
C-21+00W	4
C-20+50W	2
C-20+00W	1
C-19+50W	6
C-19+00W	5
C-18+50W	8
C-18+00W	4
C-17+50W	4
C-17+00W	5
C-16+50W	9
C-1600W	1
C-1550W	2
C-1500W	4
C-1450W	5
C-1400W	2
C-1350W	4
C-1300W	2
C-1250W	4
C-1200W	3

SAMPLE	Au# oob
C-1150W	3
C-1100W	6
C-1050W	4
C-1000W	9
C-950W	1
C-900W	5
C-850W	2
C-800W	1
C-750W	2
C-700W	1
C-600WA	6
C-600W	4
C-550W	1
C-500W	1
C-450W	6
C-400W	4
C-350W	1
C-300W	1
C-250W	6
C-150W	24 **
C-100W	6
C-00W	1
L-50-L-E	4
L-50-R-E	4
L-100-L-E	4
L-100-R-E	2
L-150-E-L	1
L-200-E-L	2
L-250-E-L	3
L-300-E-L	1
L-350-E-L	4
L-400-E-L	2
L-450-E-L	15 **
L-450-E-LA	3
L-500-E-L	13 **
L-600-E-L	4

SAMPLE	Au# oob
L-650-E-L	2
L-700-E-L	2
L-750-E-L	2
X-00-E	3
X-50-E	2
X-100-E	4
X-150-E	1
X-200-E	28 * *
X-250-E	1
X-300-E-R	1
X-350-E-L	2
X-400-E-R	1
X-450-E-L	4
X-450-E-R	3
X-500-E-R	2
X-550-E-R	4
X-570-E-L	4
X-600-E-L	2
X-650-E-R	2
X-700-E-L	3
X-750-E-R	8
X-820-E-L	1

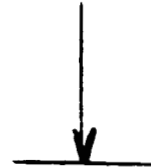
SAMPLE	Au* ppb
L2N 510E SILT	11
L2N 510EA SILT	5
L2N 550E	6
L2N 600E	14 **
L2N 650E	5
L2N 700E	7
L2N 700EA	140 **
L2N 750E	6
L2N 800E	3
L2N 900E	3
L2N 950E	2
L2N 1000E	4
L2N 1000E SILT	2
L2N 1050E	105 **
L2N 1065E SILT	5
L2N 1100E	10
L2N 1125E SILT	6
L2N 1150E	10
L2N 1200E SILT	3
L2N 1230E SILT	420 **
L2N 1250E	12
L2N 1300E	38
L2N 1350E	4
L2N 1400E	6
L2N 1450E SILT	2
C-22+50W SILT	3
C-22+00W SILT	4
C-20+50W SILT	1
C-19+70W SILT	3
C-19+00W SILT	4
C-18+50W SILT	2
C-17+75W SILT	3
C-17+50W SILT	3
C-17+00W SILT	2
1500E SILT	5
1900E SILT	3

SAMPLE	Au# ppb
850E 200N	40**
850E 150N	7
850E 150N SILT	30**
850E 100N	20**
850E 100N SILT	6
850E 50N	30**
850E 50N SILT P	6
850E SILT	10
850E 00N SILT P	36**
1580E 150N SILT P	4
1580E 100N	10
1580E 50N	2
1580E 00N SILT P	4
1600E 150N SILT	7
1650E 150N P	3
1700E 150N	7
1725E 150N	5
1750E 150N SILT	70**
1800E 150N	1
1850E 150N P	2
1900E 150N P	2
1900E 100N SILT	4
1900E 50N SILT	5
GC 1+20W P	2
GC 1+20W SILT P	1
GC 1+10W SILT P	4
GC 1+00W P	3
GC 1+00W SILT P	2
GC 0+50W	3
GC 0+00W SW	8
GC 0+50W SW SILTP	3
GC 0+75W SW SILTP	4
GC 1+00W SW SILTP	3
GC 1+50W SW P	1
GC 1+50W SWA P	3
GC 2+00W SW P	6
GC 2+00W SW SILTP	3

SAMPLE	Au*	ppb
A50N	10	
A100N	3	
A300-S	3	
L375E-S-L	1	
X-1	1	
X-2	2	
X-3-S	3	
X-90E-S	5	
X-210E-S	2	
C-1-S	3	
B-1 SILT	110	♦♦
B1050W	10	
50N B6	880	♦♦
1050E SILT	12	



Silt



SAMPLE	Au# opb
Rock	
2701	1
2702	7
2703	1
2704	1
2705	1
2706	1
2707	1
2708	2
2709	12
2710	16
2711	24
2712	7
2825	1
2826	1
2827	1
2828	2
2829	1
2830	12
2831	1
2832	4
2833	15
2834	1
2835	1
2836	1
2837	1
2838	2
2839	1
2840	2
2841	1
2842	1
2843	1
2844	1
2845	1
2846	31
2847	1
2848	1
2849	2

APPENDIX II
CERTIFICATE OF QUALIFICATIONS
PATRICK J. GANNON, B.Sc.

CERTIFICATE OF QUALIFICATIONS

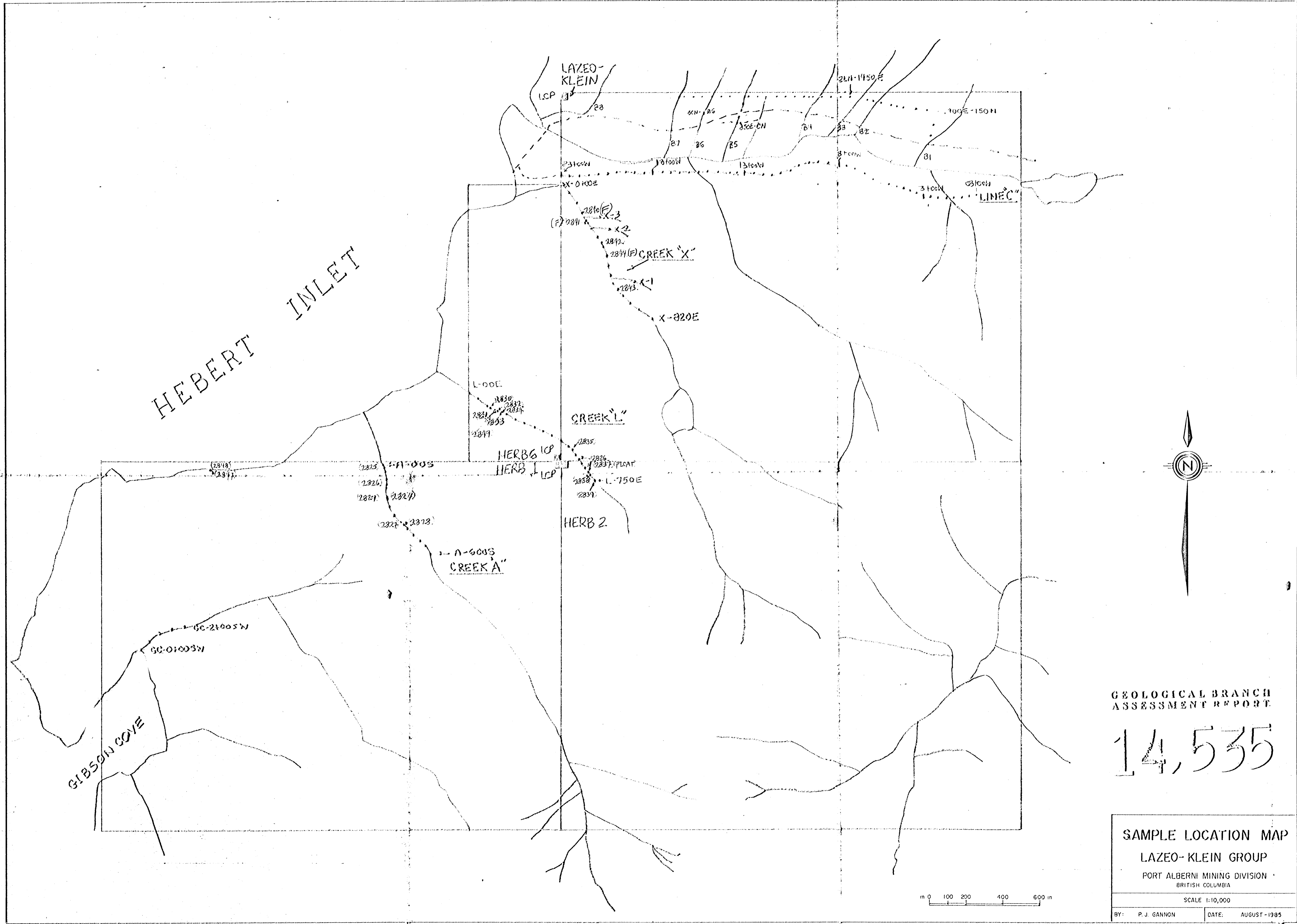
I, **PATRICK J. GANNON**, hereby certify:

1. That I am a Consulting Mining Geologist and maintain an office at Suite 200-675 West Hastings Street, Vancouver, British Columbia, Canada, V6B 4Z1, Telephone (604) 685-0167.
2. That my basic engineering was taken at the University of Notre Dame, South Bend, Indiana, U.S.A, (1955-57).
3. That I hold a degree in Geology (Earth Sciences) from Montana State College, Bozeman, Montana, U.S.A (1961).
4. That I have practised my profession for 24 years (22 surface, 2 underground) mainly in Canada, U.S.A., Mexico, Ecuador, Peru, Chile, Egypt and Afghanistan.
5. That I am a member of the Canadian Institute of Mining and Metallurgy (CIMM), the British Columbia and Yukon Chamber of Mines, and the American Institute of Mining Engineers (AIME).
6. That I have no interest, direct or indirect, in any of the claims covered by the Lazeo-Klein Group, nor do I expect to receive any.
7. That this report is based on compilation of data, crew direction, and a field survey between May 14-19, 1985, and evaluation of the results.
8. Consort Energy Corporation is hereby given permission to reproduce this report, or any part of it, for filing with a Prospectus or Statement of Material Facts, or other documents as required by the regulatory authorities, provided, however, that no portion may be used out of context in such a manner as to convey a meaning differing from that set out in the whole.

DATED AT VANCOUVER, BRITISH COLUMBIA

23 August 1985


Patrick J. Gannon
Consulting Mining Geologist.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,535

SAMPLE LOCATION MAP
LAZEO-KLEIN GROUP
PORT ALBERNI MINING DIVISION
BRITISH COLUMBIA
SCALE 1:10,000
BY: P. J. GANNON DATE: AUGUST-1985