REPORT ON GEOLOGICAL MAPPING, AND ROCK AND STREAM SEDIMENT SAMPLING OF THE OENIC GROUP (DAR 6, 8 AND 9 CLAIMS)

ALBERNI MINING DIVISION, BRITISH COLUMBIA
NTS 92C/11, 92C/14
48°46'N LAT, 125°04'W LONG
FOR
INTERNATIONAL CHEROKEE DEVELOPMENTS LTD.
DECEMBER 19, 1987
GORDON J. ALLEN, P.GEOL.

SUMMARY

This investigation of the Oenic property was conducted on December 16, 1987, on behalf of International Cherokee Developments Ltd. Geological mapping was conducted and rock, stream sediment and panned stream sediment samples were collected.

The property has not been geological mapped in any detail but appears to be underlain by diorite of the Jurassic (?) Westcoast Complex and by granite of the Jurassic Island Intrusions. Marble and slate or phyllite float in creek beds suggest that a metamorphosed sedimentary package may also occur in the area.

Flakes of gold were obtained by panning sediment trapped in moss on bedrock on the banks of Michigan Creek and a tributary of the Darling River. The gold flakes are generally angular suggesting a local source.

A Phase I reconnaissance exploration program consisting of geological mapping, prospecting, and rock and stream sediment (panned concentrate) sampling is recommended. This program is estimated to cost approximately $21,000.

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LIST OF ILLUSTRATIONS

1.0 INTRODUCTION

This report on assessment work conducted on the Oenic property (Dar 6, 8, and 9 Claims) has been prepared by MPH Consulting Limited at the request of International Cherokee Developments Limited.

The fieldwork was conducted on December 16, 1987. Work consisted of geological mapping at a scale of 1:50,000; and rock, silt and panned stream sediment sampling.

All work was performed by or under the supervision of MPH Consulting Limited staff.

2.0 PROPERTY LOCATION, ACCESS, TITLE

The Oenic property is located in the Somerset Range, approximately 9 km southeast of the village of Bamfield, and lies immediately north of Pacific Rim National Park. It is in the Alberni Mining District, on Vancouver Island, British Columbia.

Access to the property is via McMillan Bloedel's all weather Darling Main road and foot trails.

The Oenic property consists of 3 mineral claims as listed below:

Claim	Record Number	Units	Anniversary Date	Year Registered
Dar 6	2932	20	July 2, 1988	1986
Dar 8	2933	20	July 2, 1988	1986
Dar 9	2934	20	July 2, 1988	1986
	Total	60 Units		

All claims are owned by Paul Demontigny of Bamfield, B.C. The claims were grouped as the Oenic Group by Notice to Group no. 1242 dated June 27, 1987.

INTERNATIONAL CHEROKEE
DEVELOPMENTS LIMITED

GENERAL LOCATION MAP
OENIC PROPERTY

ALBERNI MINING DIVISION, B.C.

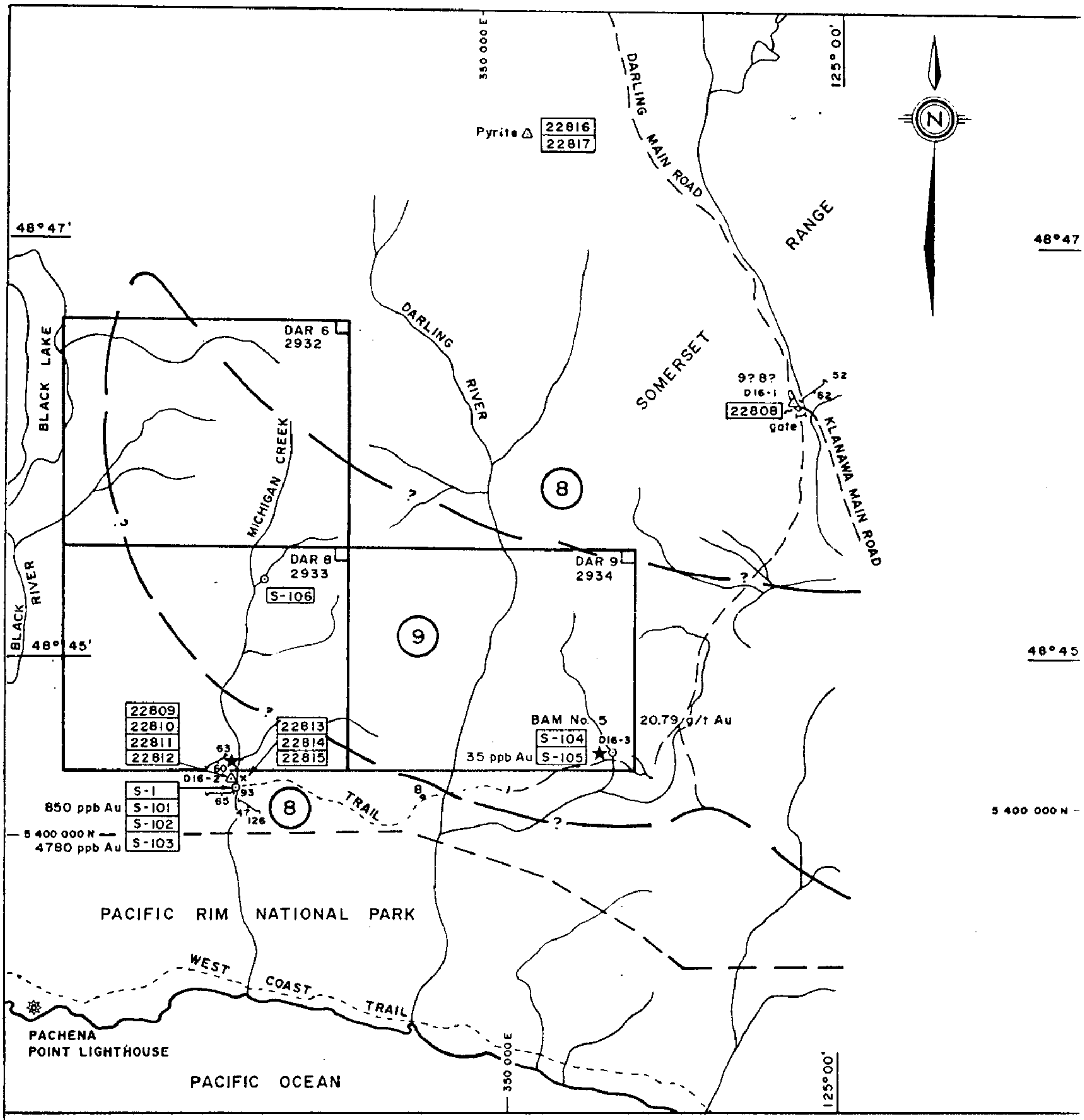
Project No:	V99-ICD (BAM)	By:	G. A.
Scale:	1 : 8 000 000	Drawn:	J. S.
Drawing No:	1	Date:	19 DEC. 1987

MPH Consulting Limited

3.0 PREVIOUS WORK

The Bamfield area was mapped by Sutherland Brown et al. (1986) as part of the Lithoprobe 1 survey.

No recorded mineral exploration work was conducted prior to 1986. Since the staking of the claims foot trails have been constructed and several of the creeks have been prospected for placer gold. Small quantities of fine-grained placer gold were discovered on Michigan Creek near the south side of the Dar 8 claim and on a tributary of the Darling River on the Dar 9 claim (Figure 2).



LEGEND

0 1 km 2 km

GEOLOGY

JURASSIC

- [9] Island Intrusions — granite, quartz diorite
- [8] West Coast Complex — diorite, amphibolitic metasediment

NOTE: Geology in part from G.S.C. O.F. 1272 (Sutherland Brown et al 1986)

SYMBOLS

- D16-1 — Field note location
- Shear
- Geological contact
- △ Rock sample location (from outcrop)
- × Rock sample location (from float)
- ⊙ Stream sediment sample location
- ★ Placer Gold occurrence
- Claim boundary and L.C.P. (From Mineral Claim Maps 92C/11 (M) and 92C/14 (M))

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

GENERAL GEOLOGY AND ROCK AND SILT SAMPLE LOCATION MAP

OENIC PROPERTY

ALBERNI MINING DIVISION, B.C.

Project No.	V99-ICD (BAM)	By	G.A.
Scale:	~~1:50 000~~	Drawn:	M.W.
Drawing No:	2	Date:	DEC. 1987

MPH MPH Consulting Limited

4.0 REGIONAL GEOLOGY

This part of the southern west coast of Vancouver Island is predominantly underlain by Jurassic intrusive and volcanic rocks which are part of Wrangellia Terrane.

4.1. Westcoast Complex

The Westcoast Complex consists of heterogeneous amphibolitic country rock (metasediments which may in part be paleozoic), diorite, and migmatite (a mixture of the first two). Recent studies by Isachsen (1987) suggest that the dioritic component of the complex was emplaced in Jurassic time, and many by a deeper crustal equivalent of the Island Intrusions and Bonanza Group volcanics.

4.2 Island Intrusions

These stocks are of Jurassic age and consist of diorite, quartz diorite, granodiorite and granite. They are coeval with Bonanza Group volcanics (Massey, 1987).

4.3 Bonanza Group

The Bonanza Group stratigraphy varies considerably from place to place, as it represents parts of several different eruptive centres of a volcanic arc. It is composed of basaltic, rhyolitic and lesser amounts of andesitic and dacitic lava and volcaniclastics with intercalated beds and sequences of marine argillite and greywacke.

5.0 1987 ASSESSMENT WORK

5.1 Work Completed

Fieldwork for this assessment report was conducted by one geologist on December 16, 1987. Approximately 3 km of road and trail were geologically mapped at a scale of 1:50,000. A total of 7 rock samples, 1 silt sample and 6 panned concentrate samples were collected on the property. Three rock samples and one panned concentrate sample were collected on the periphery of the property.

5.2 General Geology of the Oenic Property

The Oenic property is apparently predominantly underlain by diorite of the Jurassic Westcoast Complex and granite of the Jurassic Island Intrusions.

Dioritic rocks are medium-grained and composed of 25-30% biotite, 70% medium bluish-grey plagioclase and traces of fine-grained disseminated pyrite. The rock is commonly weakly magnetic.

A stock of granitic rocks intrudes the diorite. These granitic rocks are medium-grained and composed of 40-50% light pinkish-brown feldspar, 40% light greenish-brown feldspar, 5-10% quartz and up to 5% biotite.

Judging from abundant float material found in Michigan Creek, it is probably that part of the property is underlain by fine-grained marble, chert and dark blue-grey phyllite or slate. These rocks are likely part of the West Coast Complex.

Much of the property is overlain by massive to coarsely bedded bouldery glacial till.

5.3 Geology of Part of the Michigan Creek Area

Placer gold was discovered in Michigan Creek near the south side of the Dar 8 claim. This area is underlain by medium-grained diorite typical of the Westcoast Complex. It is cut by abundant (5-10/m) apparently randomly oriented 1-2 mm calcite-filled fractures. The rock is also cut by several northeasterly to southeasterly striking and southerly dipping shear zones up to 2 m wide. These zones are composed of sheared diorite, gouge (up to 30 cm wide), and in some places calcite stringers up to 2 cm wide. The shear zones occur at 2 to 3 m intervals and actually define a larger zone of shearing greater than 15 m wide. No mineralization was observed in the shears.

A 1 m wide, fine-grained hornblende feldspar porphyry dyke striking easterly (parallel to shearing) cuts the diorite in this area. The dyke contains traces of pyrite.

5.4 Rock Sampling

The 7 rock samples (22809 - 22815) collected on the property are from the Michigan Creek area where placer gold has been discovered. The material sampled includes diorite; clay-rich gouge, sheared diorite and carbonate stringers from shear zones; and quartz vein, pyritic marble and pyritic siltstone (?) float. Descriptions of the rock samples are given in Appendix II. Sample locations are shown on Figure 2.

5.5 Stream Sediment Sampling

One standard stream sediment sample and three panned concentrate samples of stream sediment (S-1, S-101, S-102, S-103) were collected from Michigan Creek near the south side of the Dar 8 claim. The creek in this area flows over sheared diorite of the

Westcoast Complex.

Samples S-101 and S-103 were panned concentrates (3-4 pan-fulls per sample) of soil(?) and stream sediment trapped in moss growing on outcrop in the stream bed. This material contained abundant magnetite sand and one or two grains of gold per pan. The gold occurs as very thin, angular to subrounded flakes up to 0.5 mm in diameter across their largest dimension. Samples S-101 and S-103 contained 850 ppb Au and 4780 ppb Au respectively.

Sample S-102 was a panned concentrate sample of sand and silt from the stream bed. This material contained very little magnetite sand and no apparent gold (5 ppb).

Soil from 2-3 m up the bank of the creek was also panned. It contained no magnetite sand and no apparent gold. This material was not sampled.

Sample S-106 was a panned concentrate of stream sediment (from moss ?) collected by the Demontignys from a small tributary to Michigan Creek ('Third Ravine') on the Dar 8 claim. The area was not investigated during this program. It is apparently underlain by glacial till. Sample S-106 contained only 5 ppb Au.

Samples S-104 and S-105 (sample S-105 previously collected by Demontigny) are panned concentrates of sediment trapped in moss in a small tributary creek of the Darling River. The creek is located east of the Darling River on the Dar 9 claim, in an area apparently underlain by granitic rocks of the Jurassic Island Intrusions (Figure 2). A previously obtained panned concentrate sample (Bam No. 5) of material reportedly collected from this creek contained abundant magnetite sand and one flake of gold. Sample Bam No. 5 was analysed by Rossbacher Laboratory Ltd. (certificate no. 87667.A, October 3, 1987) and was found to contain 20.79 g/t

(0.437 oz/T) Au. Sample S-104 contained only 5 ppb Au. Due to its size, sample S-105 was divided into four parts, each part being analysed separately. One part contained 35 ppb Au. The other three parts contained only 5 ppb Au.

Sample S-107 was collected by the Demontignys. It is reported to be a panned concentrate of stream sediment trapped in moss from a creek crossing the Darling Main road east of the property. Sample S-107 contained 5 ppb Au.

6.0 CONCLUSIONS

Small amounts of placer gold have been found in two creeks (Michigan Creek and a tributary of the Darling River) draining the south flank of the Somerset Range. Michigan Creek is underlain by sheared diorite and possibly by granitic and metamorphosed sedimentary rocks. The tributary of the Darling River is apparently underlain by granitic rocks. Both creeks have large volumes of glacial till in their drainage basins.

Possible sources of the gold are from bedrock (ie. veins, shears, or possibly disseminated throughout a limestone host) or from the glacial till. The gold, however, is quite jagged in form suggesting a short distance of transportation in its free state, and therefore a probable bedrock source.

Both creeks found to contain placer gold drain into Pacific Rim National Park. The close proximity of the property to the park would make mining in this area difficult. More work, however, is warranted to define the nature and extent of the gold mineralization on the property before obstructions to production are considered.

7.0 RECOMMENDATIONS

7.1 Recommended Work Program

1) The property should be prospected and mapped at a scale of 1:10,000.

2) Panned concentrate samples of stream sediment trapped in moss should be collected every 200 m along the entire length of all major drainages (including both creeks with placer gold occurrences).

3) Panned concentrate samples of stream sediment trapped in moss should be collected at the mouths of all tributary drainages.

7.2 Proposed Phase I Budget

FIELDWORK

Personnel	No.	Days	Rate	Cost	
Geologist	1	7	425	2,975	
Field Assistants	2	5	150	1,500	
Total Personnel Cost				4,475	4,475
Accommodation					
17 mandays @ 55					935
Equipment Rental:	No.	Days	Rate	Cost	
4 x 4 Truck	1	7	110	770	
Rock Saw	1	7	15	105	
Total Equipment Rental				875	875

Disbursements:

Analyses	No.	Rate	Cost			
Rock	50	14.00	700.00			
Silt	50	13.30	665.00			
Au Assay	10	6.75	67.50			
Total Analytical Cost			1,432.00	1,433		
1:10,000 Topographic Map				2,500		
Copies of Maps				100		
Miscellaneous				100		
Disbursements Subtotal				4,133		
Administration (15%)				620		
Disbursements Total				4,753	4,753	
Fieldwork Subtotal					11,038	
Contingency (15%)					1,656	
Fieldwork Total					12,694	$12;694

CONSULTING

Personnel	No.	Days	Rate	Cost			
Geological Consultant	1	1	500	500		500	
Accommodation							
1 day @ 55						55	
Equipment Rental:	No.	Days	Rate	Cost			
4 x 4 Truck	1	1	110	110		110	
Miscellaneous					100		
Administration (15%)					15		
Disbursements Total					115		
Consulting Subtotal						780	
Contingency (15%)						117	
Consulting Total						897	$ 897

REPORT

Personnel	No.	Days	Rate	Cost		
Geologist	1	8	425	3,400		
Geologist (Proofing)	1	1	500	500		
Geologist (Office Ass't)	1	1	250	250		
Total Personnel Cost				4,150	4,150	
Disbursements						
Drafting Supplies					50	
Drafting					600	
Copying, Reproductions, Binding					400	
Typing					300	
Miscellaneous					100	
Disbursements Subtotal					1,450	
Administration (15%)					218	
Disbursements Total					1,668	1,668
Report Subtotal						5,818
Contingency (15%)						873
Report Total						6,691
Estimated Total Project Cost						$ 6,691
Or approximately						$20,282
						$21,000

7.3 Summary of Recommendations

A reconnaissance-type Phase I exploration program on the Oenic property is recommended. The program should consist of geological mapping, prospecting, and rock and stream sediment (panned concentrate) sampling. This program is estimated to cost approximately $21,000.00.

Respectfully submitted
MPH CONSULTING LIMITED

Gordon J. Allen

Duncan, B.C.
December 19, 1987

Gordon J. Allen, P.Geol.

MPH

CERTIFICATE

I, Gordon J. Allen, do hereby certify;

1) I am a graduate in geology of the University of British Columbia (B.Sc. 1975).

2) I have practised as a geologist in mineral exploration for twelve years.

3) I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

4) Opinions, conclusions and recommendations contained herein are based on fieldwork performed by myself on December 16, 1987.

5) I own no direct, indirect, or contingent interests in the subject property, or shares or securities of International Cherokee Developments Limited or associated companies.

Gordon J. Allen

Duncan, B.C.
December 19, 1987

Gordon J. Allen, P.Geol.

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APPENDIX I

LIST OF PERSONNEL AND

STATEMENT OF EXPENDITURES

MPH

LIST OF PERSONNEL AND STATEMENT OF EXPENDITURES

The following expenses have been incurred on the Oenic property as defined in this report for the purposes of mineral exploration between the dates of December 16 and December 19, 1987.

PERSONNEL

G.J. Allen, P.Geol.			
Project Manager			
2 1/2 Days @ 425	1,204.17		
J. Getsinger, Ph.D.			
Geologist			
2 Hrs. (est) @ 50	100.00		
Geologist			
3 Hrs. (est) @ 35	115.00		
Total Personnel Costs	1,419.17		1,419.17
Equipment Rental			
4 x 4 Truck 1.5 @ 90	135.00		
Rock Saw 1 day @ 15	50.00		
	150.00		150.00
Accommodation			
1 1/2 days @ 55			82.50
Disbursements			
Analyses:			
10 Rock (Au, ICP) @ 14.00	140.00		
8 Silt (Au, ICP) @ 13.30	106.40		
	246.40	246.40	
Gas		24.98	
Courier and Freight		12.50	
Photocopies, etc.		6.19	

Report Preparation:			
Drafting 3 Hrs. @ 20	60.00		
Typing 20 pgs. @ 5 (est.)	100.00		
Copying and Binding Report (est.)	50.00		
Total Report Disbursements	210.00	210.00	
Miscellaneous		16.26	
Disbursements Subtotal		516.33	
Administration (15%)		77.45	
Total Disbursements		593.78	593.78
Total Project Cost			2,245.45

APPENDIX II
ROCK SAMPLE DESCRIPTIONS AND LITHOGEOCHEMICAL RESULTS

ROCK SAMPLE DESCRIPTIONS AND LITHOGEOCHEMICAL RESULTS

Sample Number	Description	Au ppb	Ag ppm	As ppm
22808	Location: Darling Main Road near Klanawa Main Rd. Rock Type: Gabbro Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 2 m wide zone Medium-grained crystalline aggregate of stubby dark greenish-grey pyroxene (?) up to 0.5 cm in diameter (50%), medium greenish-grey plagioclase, 2-3% fine-grained disseminated pyrite, 3-4% earthy hematite in masses up to 2 mm in diameter, and magnetite (%?). The rock appears to be a dyke hosted in medium-grained granodiorite. Some parts up to 50 cm wide are sheared to a greenish gouge. Shear orientation: 53/63 SE.	5	0.1	3
22809	Location: Michigan Creek, South part of Dar 8 Claim Rock Type: Hornblende Feldspar Porphyry Dyke Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 1 m (±) Medium brownish-grey aphanitic groundmass with 15-20% 0.5-2 mm euhedral feldspar phenocrysts and 10% anhedral to subhedral hornblende phenocrysts up to 1 mm in diameter (largely altered to chlorite). The rock contains traces of pyrite. Medium-grained diorite hosts the dyke.	5	0.1	3
22810	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Diorite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: Greater than 20 m wide zone Medium-grained intrusive rock with 25-30% biotite in crystals up to 1 mm in diameter, 70% medium bluish-grey plagioclase and traces of fine-grained disseminated pyrite. The rock is cut by many (several per metre) 1-2 mm calcite-filled fractures.	5	0.1	2

Sample Number	Description	Au ppb	Ag ppm	As ppm
22811	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Sheared Diorite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 1 m wide zone Diorite cut by two shears at 96/70 SE and 63/60 SE forming a zone approximately 1 m wide of soft greenish-grey gouge flooded with irregular carbonate stringers up to 2 cm in width. The carbonate contains traces of pyrite.	5	0.1	5
22812	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Sheared Diorite Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: 30 cm wide zone Sheared, gougy diorite. Rock altered to greenish-grey clay-rich material. Shear orientation: 93/65 SE and 126/47 SW.	5	0.1	4
22813	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Quartz Vein Material Sampled and Sample Type: Float, Grab Occurrence Size: 10 cm cobble Vuggy, white to dark grey, coarse-grained quartz with fine-grained dark blue-grey sericitic fragments of wall rock up to 1 cm in diameter. Barren	5	0.4	8

Sample Number	Description	Au ppb	Ag ppm	As ppm
22814	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Altered Tuff? Material Sampled and Sample Type: Float, Grab Occurrence Size: 20 cm cobble Medium to dark green aphanitic very hard groundmass (probably mostly quartz) hosting indistinctly bounded light greenish-grey grains (?) up to 0.5 mm in diameter, irregular masses of fine-grained chlorite and 1-2% fine-grained disseminated pyrite. The rock could be silicified tuff, sediment or volcanic rock.	5	0.1	2
22815	Location: Michigan Creek, South Part of Dar 8 Claim Rock Type: Marble (?) Material Sampled and Sample Type: Float, Grab Occurrence Size: 30 cm boulder Light purplish-grey fine-grained crystalline calcite with irregular rounded light green fine-grained hard zones (chert?) up to 2 cm in diameter. Up to 2% fine-grained disseminated pyrite most commonly associated with the 'cherty' parts.	5	0.4	2
22816	Location: Somerset Main Road, Seabird Claim Rock Type: Siltstone Material Sampled and Sample Type: Outcrop, Grab Occurrence Size: ? This sample was collected by the Demontignys from what may be a shear zone. The rock is a medium to dark blue-grey, very fined-grained soft material with up to 20% fine to medium-grained pyrite in irregular masses up to 2 cm in diameter.	5	0.1	4

Sample Number	Description		Au ppb	Ag ppm	As ppm
22817	Location:	Somerset Main, Seabird Claim	5	0.2	69
	Rock Type:	Rhyolite			
	Material Sampled and Sample Type:	Outcrop, Grab			
	Occurrence Size:	?			

Light brownish-grey aphanitic groundmass with 5-10% euhedral quartz phenocrysts up to 0.5 mm in diameter. The rock is strongly gossanous on fracture surfaces.

APPENDIX III
CERTIFICATES OF ANALYSIS AND ASSAYS

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
BURNABY, B.C. V5B 3N1
TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : MPH CONSULTING LTD.
#2406-555 W.HASTINGS ST. (BOX 12092)
VANCOUVER B.C.

PROJECT: V89-ICD BAM
TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 87388.A
INVOICE#: 80338
DATE ENTERED: 87-12-30
FILE NAME: MPH87388.A
PAGE # : 1

PRE FIX	SAMPLE NAME		PPB Au I	PPB Au II	PPB Au III	PPB Au IV	Wt. gm	TOTAL Au PPB	AVERAGE Au PPB
A	22808		5						
A	22809		5						
A	22810		5						
A	22811		5						
A	22812		5						
A	22813		5						
A	22814		5						
A	22815		5						
A	22816		5						
A	22817		5						
A	S1		5						
X	S101		850				148.2		
X	S102		5				147.1		
X	S103		4780				109.9		
X	S104		5				168.3		
X	S105	*	5	5	35	5	372.0	15	
X	S106	*	5	5			315.9	5	
X	S107	*	5	5	5		407.1	5	

* DUE TO SIZE OF SAMPLES, FRACTIONS WERE DONE SEPARATELY. Au VALUES HAVE BEEN ADJUSTED TO 10 Gm. AND AN AVERAGE OBTAINED FOR EACH SAMPLE.

CERTIFIED BY : _____

RECEIVED JAN 4 1988

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

V99

87888

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. 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 PPB.
- SAMPLE TYPE: SOLUTION

DATE RECEIVED: JAN 04 1988 DATE REPORT MAILED: JAN 7, 1988 ASSAYER. DEAN TOYE, CERTIFIED B.C. ASSAYER

ROSSBACHER LAB. LTD. PROJECT-87888 File # 88-0012 Page 1 V99

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPB	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM
22808	1	62	9	66	.1	51	32	897	6.29	3	5	NB	1	167	1	2	2	120	6.27	.093	6	87	2.56	95	.15	2	3.29	.09	.08	1
22809	1	119	2	47	.1	52	17	495	2.96	3	5	NB	1	44	1	2	2	46	.99	.042	4	146	1.79	9	.13	2	1.82	.03	.04	1
22810	1	35	3	47	.1	14	12	577	3.56	2	5	NB	4	62	1	2	2	91	2.05	.059	8	43	1.16	53	.25	8	2.69	.05	.21	1
22811	1	41	9	42	.1	11	10	590	2.79	5	5	NB	1	92	1	4	2	43	10.84	.030	8	50	.66	22	.01	5	2.84	.02	.17	1
22812	1	63	6	83	.1	33	21	963	4.63	4	5	NB	2	79	1	4	2	81	2.99	.051	11	83	1.90	23	.01	12	3.58	.37	.28	1
22813	1	13	9	17	.4	7	2	278	.87	8	5	NB	5	21	1	2	2	10	.29	.013	8	124	.23	3	.01	2	.38	.05	.04	1
22814	1	6	4	42	.1	7	7	731	2.85	2	5	NB	1	24	1	2	2	32	7.09	.012	4	70	.74	17	.01	4	1.20	.01	.18	1
22815	1	12	4	42	.4	7	10	2437	4.09	2	6	NB	1	65	1	2	2	40	15.38	.023	5	49	.44	9	.01	6	.28	.01	.07	1
22816	1	75	8	8	.1	26	41	92	7.74	4	5	NB	1	56	1	2	3	40	.36	.130	6	13	.03	10	.01	3	1.83	.01	.03	1
22817	1	9	4	31	.2	4	1	128	1.52	69	6	NB	11	4	1	2	3	1	.09	.004	15	13	.07	25	.01	5	1.14	.01	.13	1
$1	1	34	19	78	.1	19	15	744	4.24	4	5	NB	2	47	1	2	3	84	.81	.047	5	128	.76	52	.05	7	1.87	.03	.09	1
$101	1	17	5	39	.3	7	8	305	4.92	14	5	NB	1	17	1	2	2	93	.34	.026	4	29	.27	11	.01	2	.73	.01	.04	1
$102	1	14	5	39	.1	6	6	327	2.46	20	5	NB	1	29	1	2	2	47	.53	.027	4	13	.43	17	.02	2	1.20	.02	.07	1
$103	1	24	7	41	.6	9	10	360	6.96	13	5	4	1	34	1	2	2	187	.55	.024	5	42	.37	14	.03	2	1.63	.02	.04	1
$104	1	12	5	37	.1	3	4	296	2.01	5	5	NB	2	15	1	2	2	47	.28	.014	6	8	.28	12	.02	2	1.01	.01	.07	1
$105A	1	16	6	43	.1	4	6	329	3.46	7	5	NB	2	19	1	2	2	75	.33	.017	5	16	.34	11	.02	2	.96	.02	.07	1
$106A	1	8	4	26	.1	4	5	264	2.28	10	5	NB	1	32	1	2	2	51	.53	.010	3	11	.32	17	.03	3	1.00	.02	.06	1
$107A	1	18	7	45	.1	4	6	304	5.37	7	5	NB	2	14	1	2	2	30	.32	.019	8	21	.29	14	.01	2	.74	.01	.03	1
STD C	20	64	38	134	7.3	72	32	1142	4.29	42	16	8	40	53	20	16	20	64	.47	.091	46	64	.80	184	.08	39	1.97	.06	.15	13

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