

==== F A L C O N B R I D G E L T R =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:48:05

SAMPLE ID # VA14001

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.01	68.84	65.62	Q 43.40	NA20+K20 4.85 SiO2 68.84 SUBALKALINE
Al2O3	18.10	18.88	21.21	C 14.67	
Fe2O3	4.39	2.21	1.59	OR 26.41	Q1* 8.89 NE* 5.19 Q* 85.92 SUBALKALINE
FeO	0.00	2.13	1.70	AB 4.72	
CaO	0.29	0.30	0.31	AN 0.77	CPX 0.00 Q1 0.00 OPX 100.00 SUBALKALINE
MgO	1.80	1.88	2.67	LC 0.00	
Na2O	0.49	0.51	0.94	NE 0.00	A 44.71 F 37.98 H 17.31 THOLEIITIC
K2O	4.16	4.34	5.28	KP 0.00	
TiO2	0.62	0.65	0.46	AC 0.00	Al2O3 18.88 NORM PLAG 14.04 CALC-ALKALINE
P2O5	0.11	0.11	0.09	PI 0.00	
MnO	0.15	0.16	0.13	HE 0.00	AN 2.42 AN* 14.80 OR 82.78 K-RICH SERIES
S	0.00	0.00	0.00	EN 5.33	
NiO	0.00	0.00	0.00	ES 1.14	CJ 9.78 NORM PLAG 14.04 DACITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 76.43 FE 13.96 MG 9.61
LOI	3.60	0.00	0.00	MT 2.38	
TOTAL	95.89	100.00	100.00	IL 0.93	COLOR INDEX : 9.78
				CR 0.00	HASHIMOTO INDEX : 88.43
				HM 0.00	
				AP 0.25	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 6.47	
				CPX 0.00	
				AB* 4.72	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1139.00:CU 23.00:ZN 200.00:NI 20.00:RB 115.00:SR 89.00:Y 21.00:ZR 123.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:48:48

SAMPLE ID # VA14002

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.87	70.29	67.47	Q	46.37
Al2O3	16.10	16.92	19.15	C	13.38
Fe2O3	5.52	2.14	1.55	OR	23.84
FeO	0.00	3.29	2.64	AB	3.52
CaO	0.27	0.28	0.29	AN	0.75
MgO	1.85	1.94	2.78	LC	0.00
Na2O	0.36	0.38	0.70	NE	0.00
K2O	3.70	3.89	4.77	KP	0.00
TiO2	0.54	0.57	0.41	AC	0.00
P2O5	0.10	0.11	0.09	DI	0.00
MnO	0.17	0.18	0.15	HE	0.00
S	0.00	0.00	0.00	EN	5.56
NiO	0.00	0.00	0.00	FS	3.21
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WU	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	3.81	0.00	0.00	MT	2.32
TOTAL	95.13	100.00	100.00	IL	0.82
				CR	0.00
				HM	0.00
				AP	0.23
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	8.77
				CPX	0.00
				AB*	3.52
				NA2O+K2O	4.27
				SiO2	70.29
				OLA	11.21
				NEA	3.60
				QA*	65.19
				CPX	0.00
				OL	0.00
				OPX	100.00
				A	37.33
				F	45.66
				M	17.01
				AL2O3	16.92
				NORM PLAG	17.49
				AN	2.65
				AB*	12.53
				OR	84.82
				CI	11.91
				NORM PLAG	17.49
				DACITE	
				JENSEN	CALC-ALKALINE DACITE
				AL	71.78
				FE	17.79
				MG	10.43
				COLOR INDEX :	11.91
				HASHIMOTO INDEX :	89.81

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1014.00:CU 112.00:ZN 304.00:NI 20.00:RB 90.00:SR 72.00:Y 20.00:ZR 103.00:NB 20.00:

COMMENTS : WEAKLY CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:49:29

SAMPLE ID # VA14003

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : MIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS WT %	ANHYDROUS CATION %									
SiO2	66.90	71.70	69.37	Q	47.65	NA2O+K2O	3.77	SiO2	71.70	SUBALKALINE		
Al2O3	13.10	14.04	16.01	C	9.95	OrA	14.12	NEA	3.08	OrA	82.80	SUBALKALINE
Fe2O3	7.05	2.11	1.54	OR	21.19	CPX	0.00	OrL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.90	3.96	AB	3.22	A	29.85	F	53.79	K	16.36	THOLEIITIC
CaO	0.65	0.70	0.72	AN	2.95	Al2O3	14.04	NORM	PLAG	47.85	THOLEIITIC	
Na2O	1.93	2.07	2.98	LC	0.00	AN	10.79	AB*	11.76	OR	77.45	K-RICH SERIES
K2O	0.32	0.34	0.64	NE	0.00	CI	14.84	NORM	PLAG	47.85	ANDESITE	
TiO2	3.20	3.43	4.24	KP	0.00	JENSEN THOLEIITIC DACITE						
P2O5	0.47	0.50	0.37	AC	0.00	AL	64.17	FE	23.87	M6	11.95	
P2O5	0.09	0.10	0.08	BC	0.00	COLOR INDEX : 14.84						
MnO	0.10	0.11	0.09	HE	0.00	HASKIMOTO INDEX : 84.10						
S	0.00	0.00	0.00	EM	5.96							
NiO	0.00	0.00	0.00	FS	5.83							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.43	0.00	0.00	NT	2.31							
TOTAL	93.30	100.00	100.00	IL	0.73							
				CR	0.00							
				HM	0.00							
				AP	0.21							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	11.80							
				CPX	0.00							
				AB*	3.22							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 952.00:CU 79.00:ZN 263.00:NI 20.00:RB 88.00:SR 64.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS : WEAKLY SILICIFIED

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:50:11

SAMPLE ID # VAL4004

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES							
SiO2	66.53	70.62	68.14	Q	46.05	NA2O+K2O	4.89	SiO2	70.62	SUBALKALINE			
Al2O3	15.72	16.69	18.98	C	12.16	OL*	8.12	NE*	2.32	GA*	89.57	SUBALKALINE	
Fe2O3	5.65	2.18	1.58	OR	28.78	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE	
FeO	0.00	3.44	2.77	AB	2.08	A	43.93	F	48.45	M	7.62	THOLEIITIC	
CaO	0.44	0.47	0.48	AN	1.62	AL2O3	16.69	NORM	PLAG	43.69	CALC-ALKALINE		
MgO	0.80	0.85	1.22	LC	0.00	AN	4.98	ABA*	6.42	OR	88.60	K-RICH SERIES	
Na2O	0.21	0.22	0.42	NE	0.00	CT	9.06	NORM	PLAG	43.69	ANDESITE		
K2O	4.40	4.67	5.76	KP	0.00	JENSEN THOLEIITIC RHYOLITE							
TiO2	0.55	0.58	0.42	AC	0.00	AL	75.56	FE	19.58	MG	4.86		
P2O5	0.11	0.12	0.10	DI	0.00	COLOR INDEX : 9.06							
MnO	0.16	0.17	0.14	HE	0.00	WASHIMOTO INDEX : 88.89							
S	0.00	0.00	0.00	EN	2.44								
NiO	0.00	0.00	0.00	FS	3.40								
Cr2O3	0.00	0.00	0.00	ED	0.00								
CO2	0.00	0.00	0.00	FA	0.00								
H2O+	0.00	0.00	0.00	WG	0.00								
H2O-	0.00	0.00	0.00	LN	0.00								
LOI	3.97	0.00	0.00	MI	2.37								
TOTAL	94.21	100.00	100.00	IL	0.85								
				ER	0.00								
				HM	0.00								
				AP	0.25								
				PD	0.00								
				NS	0.00								
				KS	0.00								
				RU	0.00								
				AG	0.00								
				OL	0.00								
				OPX	5.84								
				CPX	0.00								
				ABA	2.08								

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TR,OS,RH,RU,HG (P.P.B.)

BA 1373.00:CU 390.00:ZN 114.00:NI 20.00:RE 129.00:SR 69.00:Y 40.00:ZR 94.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 --- EXPLORATION DIVISION ---

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:50:52

SAMPLE ID # VA14005

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION X								
SiO2	72.91	75.47	72.73	Q	54.10	NA2O+K2O	4.71	SiO2	75.47	SUBALKALINE		
Al2O3	15.33	15.87	18.03	C	12.00	OLA	2.02	NEA	1.82	GA	96.16	SUBALKALINE
Fe2O3	2.69	2.11	1.53	OR	27.84	CPX	0.00	DI	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.61	0.49	AB	1.74	A	60.74	F	32.31	M	6.94	THOLEIITIC
CaO	0.09	0.09	0.10	AN	0.27	AL2O3	15.87	NORM	PLAG	13.40		CALC-ALKALINE
MgO	0.52	0.54	0.77	LC	0.00	AN	0.90	AB*	5.83	OR	93.27	K-RICH SERIES
Na2O	0.18	0.19	0.35	NE	0.00	DI	3.98	NORM	PLAG	13.40		RHYOLITE
K2O	4.37	4.52	5.57	KP	0.00	JENSEN CALC-ALKALINE RHYOLITE						
TiO2	0.54	0.56	0.41	AC	0.00	AL	84.90	FE	11.46	MG	3.64	
P2O5	0.03	0.03	0.03	DI	0.00	COLOR INDEX : 3.98						
MnO	0.01	0.01	0.01	HE	0.00	HASHIMOTO INDEX : 94.77						
S	0.00	0.00	0.00	EN	1.55							
NiO	0.00	0.00	0.00	FS	0.00							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	IN	0.00							
LOI	2.79	0.00	0.00	MI	0.27							
TOTAL	96.60	100.00	100.00	IL	0.81							
				CR	0.00							
				HM	1.35							
				AP	0.07							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	1.55							
				CPX	0.00							
				AB*	1.74							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1012.00:CU 20.00:ZN 25.00:NI 20.00:RB 112.00:SR 67.00:Y 20.00:ZR 100.00:WB 20.00:

COMMENTS : STRONGLY SCHISTOSE AND FRACTURED

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:51:34

SAMPLE ID # VA14006

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES								
SiO2	70.58	71.46	67.12	Q	30.60	NA20+K20	7.49	SiO2	71.46	SUBALKALINE			
Al2O3	14.49	14.67	16.24	C	2.99	OLA	3.31	NEA	27.79	GA	68.90	SUBALKALINE	
Fe2O3	3.44	1.95	1.38	OR	25.99	CPX	0.00	OL	0.00	BPX	100.00	SUBALKALINE	
FeO	0.00	1.38	1.08	AR	28.76	A	65.11	F	27.23	M	7.65	CALC-ALKALINE	
CaO	1.42	1.44	1.45	AN	5.76	AL2O3			14.67	NORM	PLAG	16.68	CALC-ALKALINE
MgO	0.87	0.88	1.23	LC	0.00	AN	9.51	ABA	47.53	OR	42.95	K-RICH SERIES	
Na2O	3.12	3.16	5.75	NE	0.00	CI			5.43	NORM	PLAG	16.68	DACITE
K2O	4.28	4.33	5.20	KP	0.00	JENSEN CALC-ALKALINE RHYOLITE							
TiO2	0.43	0.44	0.31	AC	0.00	AL	80.07	FE	13.92	MG	6.07		
P2O5	0.22	0.22	0.18	OC	0.00	COLOR INDEX : 5.43							
MnO	0.07	0.07	0.06	HE	0.00	WASHINGTON INDEX : 53.15							
S	0.00	0.00	0.00	EN	2.47								
NiO	0.00	0.00	0.00	FS	0.28								
CR2O3	0.00	0.00	0.00	FO	0.00								
CO2	0.00	0.00	0.00	FA	0.00								
H2B+	0.00	0.00	0.00	WO	0.00								
H2O-	0.00	0.00	0.00	LN	0.00								
LOI	0.61	0.00	0.00	MT	2.07								
TOTAL	98.77	100.00	100.00	IL	0.62								
				CR	0.00								
				HM	0.00								
				AP	0.47								
				PO	0.00								
				NS	0.00								
				KS	0.00								
				RU	0.00								
				AG	0.00								
				OL	0.00								
				OPX	2.74								
				CPX	0.00								
				ABA	28.76								

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 521.00:CU 20.00:ZN 85.00:NI 20.00:RB 185.00:SR 127.00:Y 20.00:ZR 174.00:NB 23.00:

COMMENTS : STANDARD GT-A

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:52:17

SAMPLE ID # VA14007

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.57	68.44	65.30	Q 39.86	NA2O+K2O	4.72	SiO2	68.44	SUBALKALINE		
Al2O3	16.91	17.92	20.16	C 11.46	OLA	7.90	NEA	14.61	QA 77.49	SUBALKALINE	
Fe2O3	5.89	2.23	1.60	OR 18.92	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.61	2.88	AB 14.90	A	41.55	F	49.49	M	8.96	THOLEIITIC
CaO	1.05	1.11	1.14	AN 4.83	AL2O3	17.92	NORM	PLAG	24.48		CALC-ALKALINE
MgO	0.96	1.02	1.45	LC 0.00	AN	12.50	ABA	38.55	OR	48.95	K-RICH SERIES
Na2O	1.52	1.61	2.98	NE 0.00	CI	9.75	NORM	PLAG	24.48		DACITE
K2O	2.93	3.11	3.78	KP 0.00							
TiO2	0.60	0.64	0.46	AC 0.00	JENSEN		THOLEIITIC	RHYOLITE			
P2O5	0.12	0.13	0.10	DI 0.00	AL	75.53	FE	19.05	MG	5.42	
MnO	0.17	0.18	0.15	HE 0.00							
S	0.00	0.00	0.00	EN 2.89	COLOR INDEX :	9.75					
NiO	0.00	0.00	0.00	ES 3.55	HASHIMOTO INDEX :	60.22					
CR2O3	0.00	0.00	0.00	EO 0.00							
CO2	0.00	0.00	0.00	EA 0.00							
H2O+	0.00	0.00	0.00	WO 0.00							
H2O-	0.00	0.00	0.00	LN 0.00							
LOI	4.34	0.00	0.00	MT 2.40							
TOTAL	94.34	100.00	100.00	IL 0.91							
				CR 0.00							
				HM 0.00							
				AP 0.27							
				PO 0.00							
				NS 0.00							
				KS 0.00							
				RU 0.00							
				AG 0.00							
				OL 0.00							
				OPX 6.44							
				CPX 0.00							
				ABA 14.90							

TRACE ELEMENTS (P.P.M.) AU,RE,PI,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 817.00:CU 95.00:ZN 359.00:NI 20.00:RB 75.00:SR 153.00:Y 21.00:ZR 110.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:53:01

SAMPLE ID # VA14008

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	63.11	66.56	63.21	Q	39.98	NA2O+K2O	3.31	SiO2	66.56	SUBALKALINE		
Al2O3	15.80	16.66	18.65	C	14.30	OLA	24.87	NEA	2.30	GA	72.84	SUBALKALINE
Fe2O3	7.07	2.15	1.54	OR	18.49	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	4.77	3.79	AB	2.43	A	21.33	F	43.21	M	35.46	THOLEIITIC
CaO	0.21	0.22	0.23	AN	0.42	AL2O3	16.66	NORM	PLAG	14.72		CALC-ALKALINE
MgO	5.22	5.51	7.79	LC	0.00	AN	1.96	AB*	11.38	OR	86.66	K-RICH SERIES
Na2O	0.25	0.26	0.49	NE	0.00	CI	24.16	NORM	PLAG	14.72		ANDESITE
K2O	2.89	3.05	3.70	KP	0.00							
TiO2	0.54	0.57	0.41	AC	0.00							
P2O5	0.10	0.11	0.08	DT	0.00							
MnO	0.13	0.14	0.11	HE	0.00							
S	0.00	0.00	0.00	EN	15.58							
NiO	0.00	0.00	0.00	FS	5.45							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.46	0.00	0.00	MT	2.31							
TOTAL	94.82	100.00	100.00	IL	0.81							
				CR	0.00							
				HM	0.00							
				AP	0.23							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	21.04							
				CPX	0.00							
				AB*	2.43							
TRACE ELEMENTS (P.P.M.)					AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)							
BA	923.00:CU	371.00:ZN	518.00:NI	20.00:RB	80.00:SR	51.00:Y	20.00:ZR	97.00:NB	20.00:			

COMMENTS :

REPORT #2000

SAMPLE ID # VA14009

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 743.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 25-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	71.76	73.98	70.61	G 47.59	NA2O+K2O 5.53 SiO2 73.99 SUBALKALINE
Al2O3	16.29	16.79	18.89	C 11.42	
Fe2O3	2.59	2.00	1.44	OR 27.08	DLA 1.79 NEA 10.18 QA 88.03 SUBALKALINE
FeO	0.00	0.60	0.48	AB 10.01	
CaO	0.08	0.08	0.08	AN 0.14	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.48	0.49	0.70	LC 0.00	
Na2O	1.05	1.08	2.00	NE 0.00	A 65.60 F 28.52 M 5.87 CALC-ALKALINE
K2O	4.31	4.44	5.42	KP 0.00	
TiO2	0.44	0.45	0.33	AC 0.00	AL2O3 16.79 NORM PLAG 1.41 CALC-ALKALINE
P2O5	0.04	0.04	0.03	DI 0.00	
MnO	0.02	0.02	0.02	HE 0.00	AN 0.39 AB* 26.89 OR 72.72 K-RICH SERIES
S	0.00	0.00	0.00	EN 1.41	
NiO	0.00	0.00	0.00	ES 0.00	CI 3.67 NORM PLAG 1.41 RHYOLITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 86.44 FE 10.34 MG 3.22
LOI	2.60	0.00	0.00	MT 0.52	
TOTAL	96.99	100.00	100.00	IL 0.65	COLOR INDEX : 3.67
				CR 0.00	WASHINGTON INDEX : 80.91
				HM 1.09	
				AP 0.09	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.41	
				CPX 0.00	
				AB* 10.01	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,IR,OS,RH,RU,HG (P.P.B.)

BA 771.00:CU 20.00:ZN 20.00:NI 20.00:RB 129.00:SR 74.00:Y 20.00:ZR 92.00:NB 20.00:

COMMENTS : QUARTZ EYES
 PERVASIVE IRON STAINING

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:54:24

SAMPLE ID # VA14010

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 FL : 743.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 25-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.26	63.32	60.26	Q	22.42 NA2O+K2O 5.23 STO2 63.32 SUBALKALINE
Al2O3	14.37	16.17	18.14	E	0.00
Fe2O3	4.78	2.10	1.51	OK	27.63 OL* 8.18 NE* 11.77 Q* 80.04 SUBALKALINE
FeO	0.00	2.95	2.35	AB	6.33
CaO	6.93	7.80	7.95	AN	28.37 CPX 71.17 OL 0.00 OPX 28.89 ALKALINE
MgO	1.58	1.78	2.52	LC	0.00
Na2O	0.61	0.69	1.27	NE	0.00 A 44.16 F 40.84 N 15.00 THOLEIITIC
K2O	4.04	4.55	5.53	KP	0.00
TiO2	0.37	0.42	0.30	AC	0.00 AL2O3 16.17 NORM PLAG 81.75 THOLEIITIC
P2O5	0.07	0.08	0.06	DI	5.57
MnO	0.13	0.15	0.12	NE	3.12 AN 45.51 AB* 10.16 OR 44.33 K-RICH SERIES
S	0.00	0.00	0.00	EN	2.26
NiO	0.80	0.00	0.00	FS	1.26 CI 15.07 NORM PLAG 81.75 BASALT
CR2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	7.05	0.00	0.00	MT	2.26
TOTAL	98.85	100.00	100.00	IL	0.60
				CR	0.00
				HM	0.00
				AP	0.17
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	3.52
				CPX	8.69
				AB*	6.33
TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HR (P.P.B.)					JENSEN CALC-ALKALINE DACITE
BA	679.00:CU	26.00:ZN	52.00:NI	20.00:RR	AL 72.76 FE 17.12 MG 10.12
					COLOR INDEX : 15.07
					HASHIMOTO INDEX : 42.71

BA 679.00:CU 26.00:ZN 52.00:NI 20.00:RR 116.00:SR 176.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS : WEAK CARBONATE ALTERATION

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:55:06

SAMPLE ID # VA14011

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 770.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 25-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	69.06	74.03	73.00	Q	54.40 NA20+K20 2.65 SiO2 74.03 SUBALKALINE
Al2O3	10.06	10.78	12.53	C	9.10
Fe2O3	10.89	1.90	1.41	OR	16.20 OL* 17.51 NEA 0.60 Q* 81.89 SUBALKALINE
FeO	0.00	8.80	7.25	AB	0.72
CaO	0.09	0.10	0.10	AN	0.14 CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.30	1.39	2.05	LC	0.00
Na2O	0.07	0.08	0.14	NE	0.00 A 18.20 F 72.22 M 9.58 THOLEITIC
K2O	2.40	2.57	3.24	KP	0.00
TiO2	0.27	0.29	0.21	AC	0.00 AL2O3 10.78 NORM PLAG 15.94 THOLEITIC
P2O5	0.05	0.05	0.04	BI	0.00
MnO	0.01	0.01	0.01	HE	0.00 AN 0.80 AB* 4.21 OR 95.00 K-RICH SERIES
S	0.00	0.00	0.00	EN	4.10
NiO	0.00	0.00	0.00	FS	12.69 CI 19.33 NORM PLAG 15.94 DACITE
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	5.70	0.00	0.00	MT	2.11
TOTAL	93.29	100.00	100.00	IL	0.43
				CR	0.00
				HM	0.00
				AP	0.12
				PD	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	16.79
				CPX	0.00
				AB*	0.72
TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, DS, RH, RU, HG (P.P.B.)					JENSEN THOLEITIC ANDESITE
BA	440.00:CU	66.00:ZN	142.00:NI	20.00:RB	65.00:SR
					37.00:Y
					20.00:ZR
					60.00:NR
					20.00:

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, DS, RH, RU, HG (P.P.B.)

BA 440.00:CU 66.00:ZN 142.00:NI 20.00:RB 65.00:SR 37.00:Y 20.00:ZR 60.00:NR 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:55:48

SAMPLE ID * VA14012

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 RL : 780.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	63.41	69.02	65.80	Q	38.57	NA2O+K2O	4.70	SiO2	69.02	SUBALKALINE		
Al2O3	15.15	16.49	18.53	C	7.18	OLA	12.32	NEA	3.30	QA	84.39	SUBALKALINE
Fe2O3	3.83	2.06	1.48	OR	26.84	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.90	1.51	AB	2.72	A	43.09	F	34.37	H	22.54	THOLEIITIC
CaO	2.54	2.76	2.82	AN	13.61	AL2O3	16.49	NORM	PLAG	83.36	THOLEIITIC	
MgO	2.26	2.46	3.49	LC	0.00	AN	31.53	ABA	6.29	OR	62.18	K-RICH SERIES
Na2O	0.27	0.29	0.54	NE	0.00	CI	10.93	NORM	PLAG	83.36	BASALT	
K2O	4.05	4.41	5.37	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.39	0.42	0.30	AC	0.00	AL	72.93	FE	13.33	MG	13.76	
P2O5	0.07	0.08	0.06	DI	0.00	COLOR INDEX : 10.93						
MnO	0.10	0.11	0.09	HE	0.00	HASHIMOTO INDEX : 69.19						
S	0.00	0.00	0.00	EN	6.99							
NiO	0.00	0.00	0.00	FS	1.12							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.35	0.00	0.00	MT	2.21							
TOTAL	91.88	100.00	100.00	IL	0.61							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.11							
				CPX	0.00							
				AB*	2.72							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,DS,RH,RU,HG (P.P.B.)

BA 568.00:CU 20.00:ZN 52.00:NI 20.00:RB 107.00:SR 126.00:Y 20.00:ZR 87.00:NB 30.00:

COMMENTS : OCCASIONAL SILICEOUS WISPS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:56:30

SAMPLE ID # VAI4013

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95

FIELD NUMBER :
 LOT : 0 CONCESSION :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

GRID COORDINATES : E : 0.0 N : 0.0 EL : 776.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	59.27	65.69	62.29	Q	28.94	NA2O+K2O	4.79	SiO2	65.69	SUBALKALINE		
Al2O3	15.04	16.67	18.63	C	2.26	OLA	17.55	NA*	4.78	QA	77.67	SUBALKALINE
Fe2O3	3.83	2.07	1.48	OK	26.78	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	1.95	1.55	AB	3.36	A	41.08	F	32.77	M	26.15	THOLEIITIC
CaO	4.67	5.18	5.26	AN	25.85	AL2O3	16.67	NORM	PLAG	88.49	THOLEIITIC	
MgO	2.75	3.05	4.31	LC	0.00	AN	46.17	ABA*	6.00	OK	47.83	K-R)DI) SERIES
Na2O	0.33	0.37	0.67	NE	0.00	CI	12.67	NORM	PLAG	88.49	BASALT	
K2O	3.99	4.42	5.36	KP	0.00	AL	70.66	FE	13.00	MG	16.34	JENSEN CALC-ALKALINE DACITE
TiO2	0.37	0.41	0.29	AC	0.00	COLOR INDEX : 12.67						
P2O5	0.06	0.07	0.05	DI	0.00	HASHIMOTO INDEX : 57.41						
MnO	0.12	0.13	0.11	HE	0.00							
S	0.00	0.00	0.00	EN	8.61							
NiO	0.00	0.00	0.00	FS	1.25							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	8.87	0.00	0.00	MI	2.22							
TOTAL	90.23	100.00	100.00	IL	0.58							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.86							
				CPX	0.00							
				ABA*	3.36							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 675.00:CU 20.00:ZN 34.00:NI 20.00:RB 115.00:SR 175.00:Y 20.00:ZR 86.00:NB 20.00:

COMMENTS : >5% QUARTZ EYES
 5% RUSTY SULPHIDE JUGS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:57:12

SAMPLE ID # VAI4014

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 785.0

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SI02	43.03	48.18	46.45	Q 16.03	NA20+K20 0.03 ST02 48.18 SUBALKALINE
AL2O3	14.72	16.48	18.73	C 18.61	
FE2O3	23.08	2.63	1.91	OR 0.14	OLA 59.19 NEA 0.08 OA 40.73 SUBALKALINE
FE0	0.00	20.89	16.84	AB 0.10	
CAO	0.19	0.21	0.22	AN 0.18	CPX 0.00 OL 0.00 GPX 100.00 SUBALKALINE
MG0	9.38	10.39	14.93	LC 0.00	
NA2O	0.01	0.01	0.02	NE 0.00	A 0.10 F 69.05 M 30.85 THOLEIITIC
K2O	0.02	0.02	0.03	KP 0.00	
TIO2	0.85	0.95	0.69	AC 0.00	AL2O3 16.48 NORM FLAG 63.63 THOLEIITIC
P2O5	0.12	0.13	0.11	DT 0.00	
MNO	0.08	0.09	0.07	HE 0.00	AN 43.02 ABA 24.59 OR 32.39 K-RICH SERIES
S	0.00	0.00	0.00	EN 29.86	
NIO	0.00	0.00	0.00	FS 30.54	CI 64.64 NORM FLAG 63.63 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 35.22 FE 36.70 MG 28.08
LOI	8.13	0.00	0.00	MT 2.86	
TOTAL	89.30	100.00	100.00	IL 1.38	COLOR INDEX : 64.64 HASHIMOTO INDEX : 97.89
				CR 0.00	
				HM 0.00	
				AP 0.29	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 60.40	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HB (P.P.B.)

BA 24.00:CU 164.00:ZN 408.00:NI 69.00:RB 20.00:SR 20.00:Y 27.00:ZR 146.00:NB 22.00:

COMMENTS : <5% QUARTZ EYES 3-4 MM
 VERY CHLORITIC

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:57:56

SAMPLE ID # VA14015

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NIS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 807.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.12	62.55	60.29	Q 35.22	NA2O+K2O 1.24 SiO2 62.55 SUBALKALINE
Al2O3	11.85	12.98	14.74	C 12.61	
Fe2O3	14.63	2.21	1.60	OR 6.00	OLA 38.20 NEA 1.92 GA 59.88 SUBALKALINE
FeO	0.00	12.43	10.02	AB 2.46	
CaO	0.34	0.37	0.38	AN 1.10	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
HgO	6.78	7.42	10.67	LC 0.00	
Na2O	0.24	0.26	0.49	NE 0.00	A 5.36 F 62.47 M 32.17 THOLEIITIC
K2O	0.89	0.97	1.20	KP 0.00	AL2O3 12.98 NORM PLAG 30.97 THOLEIITIC
TiO2	0.52	0.57	0.41	AC 0.00	
P2O5	0.11	0.12	0.10	DT 0.00	
MnO	0.10	0.11	0.09	HE 0.00	AN 11.53 ABA 25.70 DR 62.77 K-RICH SERIES
S	0.00	0.00	0.00	EN 21.33	CI 42.35 NORM PLAG 30.97 BASALT
NiO	0.00	0.00	0.00	ES 17.78	
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 39.28 FE 32.30 MG 28.42
LOI	6.80	0.00	0.00	MT 2.41	
TOTAL	91.32	100.00	100.00	IL 0.83	COLOR INDEX : 42.35 HASHIMOTO INDEX : 92.97
				CR 0.00	
				HM 0.00	
				AP 0.26	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 39.11	
				CPX 0.00	
				ABA 2.46	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, OS, RH, RU, HG (P.P.B.)

BA 239.00:CU 3000.00:ZN 524.00:NI 27.00:RB 32.00:SR 30.00:Y 20.00:ZR 141.00:NB 20.00:

COMMENTS : PATCHES OF SILICIFICATION

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
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SAMPLE ID # VA14016

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 940.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.50	69.13	63.88	Q 23.15	NA20+K20 7.99 SiO2 69.13 SUBALKALINE
Al2O3	16.85	17.52	19.08	C 4.03	
Fe2O3	3.00	2.02	1.40	OR 16.75	DLA 1.07 NEA 39.40 QA 59.54 SUBALKALINE
FeO	0.00	0.99	0.77	AB 46.18	
CaO	1.29	1.34	1.33	AN 6.16	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.35	0.36	0.50	LC 0.00	
Na2O	4.96	5.16	9.24	NE 0.00	A 71.61 F 25.14 M 3.26 CALC-ALKALINE
K2O	2.73	2.84	3.35	KP 0.00	
TiO2	0.44	0.46	0.32	AC 0.00	AL2O3 17.52 NORM PLAG 11.77 CALC-ALKALINE
P2O5	0.07	0.07	0.06	BT 0.00	
MnO	0.11	0.11	0.09	HE 0.00	AN 8.92 ABA 66.84 OR 24.24 AVERAGE SERIES
S	0.00	0.00	0.00	EM 1.00	
NiO	0.00	0.00	0.00	FS 0.00	CI 3.58 NORM PLAG 11.77 RHYOLITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 86.11 FE 11.63 MG 2.26
LOI	2.85	0.00	0.00	MT 1.61	
TOTAL	96.19	100.00	100.00	IL 0.64	COLOR INDEX : 3.58
				CR 0.00	HASHIMOTO INDEX : 33.01
				HM 0.33	
				AP 0.15	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.00	
				CPX 0.00	
				ABA 46.18	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 885.00:CU 34.00:ZN 27.00:NI 20.00:RB 75.00:SR 127.00:Y 22.00:ZR 102.00:NB 23.00:

COMMENTS : MODERATELY SILICEDUS MINOR IRON STAINING

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 15:59:21

SAMPLE ID # VAI4017

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1115.0

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED,CHLORITIZATION,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS	WT %		ANHYDROUS	CATION %						
SI02	78.16	80.53	78.04	D	64.01	NA20+K20	2.98	SI02	80.53	SUBALKALINE		
AL2O3	11.34	11.68	13.35	C	9.32	OLA	4.95	NEA	1.80	QA	93.25	SUBALKALINE
FE2O3	2.08	2.06	1.50	OR	17.02	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FE0	0.00	0.07	0.06	AB	2.13	A	45.64	F	29.56	M	24.80	CALC-ALKALINE
CAO	0.29	0.30	0.31	AN	0.49	AL2O3	11.68	NORM	PLAG	18.79	THOLEITIC	
MGO	1.57	1.62	2.34	LC	0.00	AN	2.51	AB*	10.84	OR	86.65	K-RICH SERIES
NA2O	0.22	0.23	0.43	NE	0.00	CI	6.45	NORM	PLAG	18.79	DACITE	
K2O	2.67	2.75	3.40	KP	0.00	JENSEN	CALC-ALKALINE DACITE					
TIO2	0.50	0.52	0.38	AC	0.00	AL	75.42	FE	11.38	MG	13.20	
P2O5	0.15	0.15	0.13	DI	0.00	COLOR INDEX :	6.45					
MNO	0.09	0.09	0.08	HE	0.00	HASHIMOTO INDEX :	89.26					
S	0.00	0.00	0.00	EN	4.67							
NIO	0.00	0.00	0.00	FS	0.00							
CR2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.29	0.00	0.00	MT	0.00							
TOTAL	97.06	100.00	100.00	IL	0.27							
				CR	0.00							
				HM	1.50							
				AP	0.34							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.24							
				AG	0.00							
				OL	0.00							
				OPX	4.67							
				CPX	0.00							
				AB*	2.13							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 801.00:CU 290.00:ZN 450.00:NI 22.00:RB 87.00:SR 56.00:Y 20.00:ZR 111.00:NB 20.00:

COMMENTS : TRACE CHALCOPYRITE ALONG FOLIATION
 WEAK CHLORITE ALONG FRACTURES

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:00:05

SAMPLE ID # VA14018

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1120.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SI02	70.26	73.09	70.22	Q 50.97	NA20+K20 4.88 SJ02 73.09 SUBALKALINE
AL2O3	16.75	17.43	19.73	C 13.71	OL* 2.42 NE* 2.83 GA 94.75 SUBALKALINE
FE2O3	3.13	2.16	1.56	DR 28.21	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
FE0	0.00	0.98	0.79	AB 2.62	A 57.86 F 34.74 K 7.40 THOLEITIC
CAO	0.09	0.09	0.10	AN 0.18	AL2O3 17.43 NORM PLAG 0.00 CALC-ALKALINE
MGO	0.60	0.62	0.89	LC 0.00	AN 0.00 AB* 8.49 OR 91.51 K-RICH SERIES
NA2O	0.27	0.28	0.52	NE 0.00	CI 4.59 NORM PLAG 0.00 RHYOLITE
K2O	4.42	4.60	5.64	KP 0.00	JENSEN CALC-ALKALINE RHYOLITE
TIO2	0.58	0.60	0.44	AC 0.00	AL 84.24 FE 11.95 MG 3.82
P2O5	0.12	0.12	0.10	DI 0.00	COLOR INDEX : 4.59
MNO	0.01	0.01	0.01	HE 0.00	HASHIMOTO INDEX : 93.31
S	0.00	0.00	0.00	EN 1.79	
NIO	0.00	0.00	0.00	FS 0.00	
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	3.12	0.00	0.00	HT 1.09	
TOTAL	96.12	100.00	100.00	IL 0.87	
				CR 0.00	
				HM 0.84	
				AP 0.27	
				PO 0.00	
				MS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.79	
				CPX 0.00	
				AB* 2.62	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HA (P.P.B.)

BA 1447.00:CU 179.00:ZN 255.00:NI 20.00:RB 127.00:SR 54.00:Y 22.00:ZR 94.00:NB 20.00:

COMMENTS : MODERATE PERVASIVE SERICITE

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
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SAMPLE ID + VAI4019

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1130.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION X								
SiO2	89.50	91.14	90.11	Q	84.12	NA2O+K2O	1.52	SiO2	91.14	SUBALKALINE		
Al2O3	5.57	5.67	6.61	C	4.65	OLA	0.32	NE*	0.07	Q*	99.63	SUBALKALINE
Fe2O3	0.99	1.01	0.75	DR	9.52	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.00	0.00	AB	0.10	A	59.58	F	35.62	H	4.80	THOLEIITIC
CaO	0.07	0.07	0.08	AN	0.09	Al2O3		5.67	NORM	PLAG	48.76	THOLEIITIC
MgO	0.12	0.12	0.18	LC	0.00	AN	0.96	AB*	1.01	OK	98.04	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI		1.14	NORM	PLAG	48.76	ANDESITE
K2O	1.48	1.51	1.90	KP	0.00	JENSEN THOLEIITIC RHYOLITE						
TiO2	0.40	0.41	0.30	AC	0.00	Al	84.10	FE	13.61	MG	2.29	
P2O5	0.04	0.04	0.03	DI	0.00	COLOR INDEX : 1.14						
MnO	0.02	0.02	0.02	HE	0.00	HASHIMOTO INDEX : 95.24						
S	0.00	0.00	0.00	EN	0.36							
NiO	0.00	0.00	0.00	ES	0.00							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	1.12	0.00	0.00	MT	0.00							
TOTAL	98.20	100.00	100.00	IL	0.03							
				CR	0.00							
				HM	0.75							
				AP	0.09							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.29							
				AG	0.00							
				OL	0.00							
				OPX	0.36							
				CPX	0.00							
				AB*	0.10							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 441.00:CU 20.00:ZN 32.00:NI 20.00:RB 58.00:SR 36.00:Y 20.00:ZR 204.00:NR 20.00:

COMMENTS : CHERTY TUFF

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:01:35

SAMPLE ID # VA14020

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082H05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1230.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,BLEACHING ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	66.44	69.58	65.70	Q 32.74	NA20+K20 6.36 SI02 69.58 SUBALKALINE
AL2O3	15.42	16.15	17.97	C 6.79	
FE2O3	5.42	3.12	1.50	OR 19.83	OLA 5.92 NEA 25.52 QA 68.57 SUBALKALINE
FE0	0.00	3.30	2.53	AB 28.08	
CAO	0.94	0.98	1.00	AN 4.00	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	0.75	0.79	1.11	LC 0.00	
NA20	2.93	3.07	5.62	NE 0.00	A 51.89 F 41.69 M 6.41 THOLEIITIC
K20	3.14	3.29	3.97	KP 0.00	
TI02	0.52	0.54	0.39	AC 0.00	AL2O3 16.15 NORM PLAG 12.47 CALC-ALKALINE
P2O5	0.14	0.15	0.12	DT 0.00	
MNO	0.13	0.14	0.11	HE 0.00	AN 7.71 ABA 54.10 OR 38.19 K-RICH SERIES
S	0.00	0.00	0.00	EN 2.21	
NIO	0.00	0.00	0.00	ES 3.00	CI 8.24 NORM PLAG 12.47 DACITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 76.13 FE 19.18 MG 4.68
LOI	3.29	0.00	0.00	MT 2.25	
TOTAL	95.49	100.00	100.00	IL 0.77	COLOR INDEX : 8.24 HASHIMOTO INDEX : 50.13
				CR 0.00	
				HM 0.00	
				AP 0.31	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				GL 0.00	
				OPX 5.21	
				CPX 0.00	
				ABA 28.08	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,SH,RU,HG (P.P.B.)

BA 2039.00:CU 34.00:ZN 91.00:NI 20.00:RB 121.00:SR 92.00:Y 26.00:ZR 189.00:NB 20.00:

COMMENTS : OCCASIONAL THIN (2-4MM) ARGILLITE

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:02:54

SAMPLE ID # VA14021

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/CONINCO OPTION
 0.0 N : 0.0 EL : 1230.0

FIELD NAME : SEDIMENTARY ,ARGILLITE ,SILT,BEDDED.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CONINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	86.80	88.57	87.48	Q 79.40	NA2O+K2O 1.95	SiO2 88.57			SUBALKALINE
Al2O3	6.15	6.28	7.31	C 4.68	OL* 0.75	NEA 0.72	QA 98.53		SUBALKALINE
Fe2O3	2.45	1.77	1.31	OR 11.65	CPX 0.00	OL 0.00	OPX 100.00		SUBALKALINE
FeO	0.00	0.66	0.55	AB 0.98					
CaO	0.15	0.15	0.16	AN 0.24					
MgO	0.27	0.28	0.41	LC 0.00					
Na2O	0.10	0.10	0.20	NE 0.00	A 43.56	F 50.28	M 6.16		THOLEIITIC
K2O	1.81	1.85	2.33	KP 0.00	Al2O3 6.28	NORM PLAG 19.72			THOLEIITIC
TiO2	0.23	0.23	0.17	AC 0.00					
P2O5	0.08	0.08	0.07	BT 0.00					
MnO	0.03	0.03	0.03	HE 0.00	AN 1.86	AB* 7.59	OR 90.54		K-RICH SERIES
S	0.00	0.00	0.00	EN 0.81	CI 2.87	NORM PLAG 19.72			DACITE
NiO	0.00	0.00	0.00	FS 0.00					
Cr2O3	0.00	0.00	0.00	FO 0.00					
CO2	0.00	0.00	0.00	FA 0.00					
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN THOLEIITIC RHYOLITE				
H2O-	0.00	0.00	0.00	LN 0.00	AL 74.78	FE 21.07	MG 4.15		
LOI	1.49	0.00	0.00	MT 1.19					
TOTAL	98.00	100.00	100.00	IL 0.35					
				CR 0.00	COLOR INDEX : 2.87				
				HM 0.52	HASHIMOTO INDEX : 89.27				
				AP 0.18					
				PO 0.00					
				NS 0.00					
				KS 0.00					
				RU 0.00					
				AG 0.00					
				DL 0.00					
				OPX 0.81					
				CPX 0.00					
				AB* 0.98					

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1620.00:CU 20.00:ZN 151.00:NI 20.00:RB 68.00:SR 31.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS : IRON STAINING

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:03:57

SAMPLE ID # VA14022

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1230.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	75.97	76.80	70.89	Q 32.26	NA2O+K2O 7.31 SiO2 76.80 SUBALKALINE
Al2O3	13.08	13.22	14.39	C 1.33	
Fe2O3	1.91	1.87	1.30	OR 3.10	OLA 0.09 NE* 39.13 QA* 60.78 SUBALKALINE
FeO	0.00	0.05	0.04	AB 60.69	
CaO	0.24	0.24	0.24	AN 0.74	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.04	0.04	0.06	LC 0.00	
Na2O	6.71	6.78	12.14	NE 0.00	A 80.44 F 19.12 M 0.45 CALC-ALKALINE
K2O	0.52	0.53	0.62	KP 0.00	
TiO2	0.35	0.35	0.25	AC 0.00	AL2O3 13.22 NORM PLAG 1.20 CALC-ALKALINE
P2O5	0.07	0.07	0.06	DI 0.00	
MnO	0.04	0.04	0.03	HE 0.00	AN 1.14 AB* 94.05 OR 4.80 K-POOR SERIES
S	0.00	0.00	0.00	EN 0.11	
NiO	0.00	0.00	0.00	FS 0.00	C1 1.56 NORM PLAG 1.20 RHYOLITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 89.58 FE 10.08 MG 0.35
LOI	0.89	0.00	0.00	MT 0.00	
TOTAL	98.92	100.00	100.00	IL 0.15	COLOR INDEX : 1.56
				CR 0.00	HASHIMOTO INDEX : 7.46
				HM 1.30	
				AP 0.15	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.17	
				AG 0.00	
				OL 0.00	
				OPX 0.11	
				CPX 0.00	
				AB* 60.69	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 607.00:CU 20.00:ZN 35.00:NI 20.00:RB 28.00:SR 131.00:Y 20.00:ZR 143.00:NB 20.00:

COMMENTS : STRONGLY CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:04:42

SAMPLE ID # VA14023

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1240.0

FIELD NAME : PLUTONIC, INTERMEDIATE OR MESOCRATIC, MEDIUM, FELDSPAR PORPHYRITIC, HORNBLENDE BEARING, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS
SiO2	61.56	62.80	56.19	Q 3.02
Al2O3	17.06	17.40	18.35	C 0.95
Fe2O3	5.39	2.03	1.37	OR 1.57
FeO	0.00	3.13	2.34	AB 71.40
CaO	1.54	1.57	1.51	AN 7.01
MgO	3.81	3.89	5.18	LC 0.00
Na2O	8.07	8.23	14.28	NR 0.00
K2O	0.27	0.28	0.31	KP 0.00
TiO2	0.49	0.50	0.34	AC 0.00
P2O5	0.08	0.08	0.06	OT 0.00
MnO	0.10	0.10	0.08	ME 0.00
S	0.00	0.00	0.00	EN 10.36
NiO	0.00	0.00	0.00	FS 2.79
Cr2O3	0.00	0.00	0.00	ED 0.00
CO2	0.00	0.00	0.00	FA 0.00
H2O+	0.00	0.00	0.00	WD 0.00
H2O-	0.00	0.00	0.00	LN 0.00
LOI	1.84	0.00	0.00	MT 2.05
TOTAL	98.03	100.00	100.00	IL 0.67
				CR 0.00
				HM 0.00
				AP 0.17
				PO 0.00
				NS 0.00
				KS 0.00
				RU 0.00
				AG 0.00
				OL 0.00
				OPX 13.15
				CPX 0.00
				ABA 71.40

CLASSIFICATIONS AND INDICES

Na2O+K2O	8.51	SiO2	62.80	ALKALINE	
OLA	11.26	NEA	48.92	GA 39.82	SUBALKALINE
CPX	0.00	DL	0.00	OPX 100.00	SUBALKALINE
A	49.06	F	28.53	M 22.41	CALC-ALKALINE
AL2O3	17.40	NORM PLAG	8.95		CALC-ALKALINE
AN	8.77	ABA	89.26	OR 1.97	SODIC
CI	15.87	NORM PLAG	8.95		BENMOREITE

JENSEN CALC-ALKALINE ANDESITE
 AL 65.37 FE 14.88 MG 18.74

COLOR INDEX : 15.87
 WASHINGTON INDEX : 29.80

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 263.00:CU 20.00:ZN 37.00:NI 20.00:RB 20.00:SR 162.00:Y 20.00:ZR 100.00:NB 20.00:

COMMENTS : WEAKLY HORNEFELSED

==== FALCONBRIDGE LTD =====
 *** EXPLORATION DIVISION ***

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:05:23

SAMPLE ID + VA14024

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95

FIELD NUMBER :

PROJECT # 1147

TOWNSHIP :

LOT : 0 CONCESSION :

PROVINCE : BRITISH COLUMBIA

NTS : 082M05

GRID COORDINATES : E :

PROJECT : BET/COMINCO OPTIGN

UTM ZONE : 11

0.0 N : 0.0 EL : 1335.0

SAMPLE TYPE : GRAB SAMPLE

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.

FINAL NAME :

ALTERATION : SPOIS, LOOK AT COMMENTS.

MINERALIZATION : DISSEMINATED AND BLEBS, <1% , PYRITE.

FORMATION :

SAMPLED BY : C RUSSELL

DATE : 28-JUN-90

ANALYTICAL

ANALYZED BY : COMINCO

DATE : 19-JUL-90

TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.74	68.29	61.32	Q 10.79	NA2O+K2O 9.42 STO2 68.29 ALKALINE
Al2O3	16.99	17.38	18.40	C 1.33	
Fe2O3	2.88	1.96	1.33	OR 2.58	OLA 1.94 NEA 57.35 GA 46.71 SUBALKALINE
FeO	0.00	0.88	0.66	AB 78.10	
CaO	0.58	0.59	0.57	AN 2.34	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.86	0.88	1.18	LC 0.00	
Na2O	8.77	8.97	15.62	NE 0.00	A 72.74 F 20.47 M 6.79 CALC-ALKALINE
K2O	0.44	0.45	0.52	KP 0.00	
TiO2	0.42	0.43	0.29	AC 0.00	AL2O3 17.38 NORM PLAG 2.90 CALC-ALKALINE
P2O5	0.08	0.08	0.06	DI 0.00	
MnO	0.07	0.07	0.05	HE 0.00	AN 2.81 ABA 94.08 OR 3.11 SODIC
S	0.00	0.00	0.00	EM 2.36	
NiO	0.00	0.00	0.00	FS 0.00	CI 4.69 NORM PLAG 2.90 TRACHYTE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 83.97 FE 10.66 MG 5.37
LOI	1.73	0.00	0.00	MT 1.28	
TOTAL	97.73	100.00	100.00	IL 0.58	COLOR INDEX : 4.69
				CR 0.00	HASHIMOTO INDEX : 12.21
				HM 0.47	
				AP 0.17	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 2.36	
				CPX 0.00	
				ABA 78.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TX, DS, RH, RU, HG (P.P.B.)

BA 853.00:CU 20.00:ZN 32.00:NI 20.00:RB 20.00:SR 305.00:Y 20.00:ZR 100.00:NB 20.00:

COMMENTS : MINOR QUARTZ VEINING
 WEAKLY CALCAREOUS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:06:09

SAMPLE ID # VA14025

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NIS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : METAMORPHIC , INTERMEDIATE, FINE, CHLORITE, HORNFELS.
 FINAL NAME :
 ALTERATION : METAMORPHOSED , CHLORITIZATION, MODERATE.
 MINERALIZATION : NIL , NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CDMINCB

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	59.15	61.71	55.76	Q	10.11	NA2O+K2O	7.15	SiO2	67.73	SUBALKALINE		
Al2O3	18.03	18.81	20.03	C	7.31	OLA	15.81	NEA	40.09	GA	44.10	SUBALKALINE
Fe2O3	6.45	2.10	1.43	OR	4.45	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.17	3.15	AB	55.83	A	39.34	F	33.33	M	27.33	THOLEIITIC
CaO	0.42	0.44	0.42	AN	1.65	AL2O3	18.81	NORM	PLAG	2.88		CALC-ALKALINE
MgO	4.76	4.97	6.69	LC	0.00	AN	2.67	ABA	90.14	OR	7.19	K-POOK SERIES
Na2O	6.11	5.37	11.17	NE	0.00	CI	20.48	NORM	PLAG	2.88		DACITE
K2O	0.74	0.77	0.89	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.51	0.53	0.36	AC	0.00	AL	63.19	FE	15.72	MG	21.09	
P2O5	0.07	0.07	0.06	DT	0.00	COLOR INDEX : 20.48						
MnO	0.06	0.06	0.05	HE	0.00	HASHIMOTO INDEX : 45.72						
S	0.00	0.00	0.00	EN	13.37							
NiO	0.00	0.00	0.00	FS	4.25							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.37	0.00	0.00	MT	2.14							
TOTAL	95.86	100.00	100.00	IL	0.72							
				CR	0.00							
				HM	0.00							
				AP	0.15							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.62							
				CPX	0.00							
				ABA	55.83							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 452.00:CU 20.00:ZN 103.00:NI 20.00:RB 24.00:SR 326.00:Y 20.00:ZR 101.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
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SAMPLE ID # VA14026

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	70.74	71.64	67.33	0 31.19	Na2O+K2O 7.41 SiO2 71.64 SUBALKALINE
Al2O3	14.48	14.66	16.24	1 3.12	
Fe2O3	3.44	1.95	1.38	OR 25.71	OLA 3.20 NEA 27.43 OA 69.37 SUBALKALINE
FeO	0.00	1.38	1.08	AB 28.51	
CaO	1.38	1.40	1.41	AN 5.69	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.84	0.85	1.19	LC 0.00	
Na2O	3.09	3.13	5.70	NE 0.00	A 65.04 F 27.50 M 7.46 CALC-ALKALINE
K2O	4.23	4.28	5.14	KP 0.00	
TiO2	0.43	0.44	0.31	AC 0.00	Al2O3 14.66 NORM PLAG 16.64 CALC-ALKALINE
P2O5	0.20	0.20	0.16	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 9.50 ABA 47.59 OR 42.91 K-RICH SERIES
S	0.00	0.00	0.00	EN 2.38	
NiO	0.00	0.00	0.00	FS 0.28	CI 5.35 NORM PLAG 16.64 DACYTE
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 80.16 FE 13.96 MG 5.88
LOI	0.66	0.00	0.00	MT 2.07	
TOTAL	98.75	100.00	100.00	IL 0.62	COLOR INDEX : 5.35 WASHIMOTO INDEX : 53.14
				CR 0.00	
				HM 0.00	
				AP 0.43	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 2.66	
				CPX 0.00	
				ABA 28.51	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 522.00:CU 20.00:ZN 81.00:NI 20.00:RB 180.00:SR 133.00:Y 29.00:ZR 172.00:NB 30.00:

COMMENTS : STANDARD GT-A

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:07:33

SAMPLE ID # VA14027

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95

FIELD NUMBER :

PROJECT # 1147

TOWNSHIP :

LOT : 0 CONCESSION :

PROVINCE : BRITISH COLUMBIA

NTS : 082M05

GRID COORDINATES : E :

PROJECT : BEI/COMINCO OPTION

UTM ZONE : 11

0.0 N : 0.0 RL : 1270.0

SAMPLE TYPE : GRAB SAMPLE

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.

FINAL NAME :

ALTERATION : METAMORPHOSED, CHLORITIZATION, WEAK.

MINERALIZATION : NIL, NIL.

FORMATION :

SAMPLED BY : C RUSSELL

DATE : 28-JUN-90

ANALYTICAL

ANALYZED BY : COMINCO

DATE : 19-JUL-90

TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	52.78	58.07	53.12	Q 2.10	NA2O+K2O 7.47 SiO2 58.07 ALKALINE
Al2O3	17.21	18.93	20.42	C 0.00	
Fe2O3	6.27	2.19	1.51	OR 15.10	OLA 16.66 NE* 44.51 QA 38.83 SUBALKALINE
FeO	0.00	4.34	3.24	AB 43.32	
CaO	4.50	4.95	4.85	AN 21.83	CPX 10.31 OL 0.00 OPX 89.69 SUBALKALINE
MgO	3.11	3.42	4.66	LC 0.00	
Na2O	4.44	4.88	8.66	NE 0.00	A 43.69 F 36.30 M 20.01 THOLEIITIC
K2O	2.35	2.59	3.02	KP 0.00	
TiO2	0.49	0.54	0.37	AC 0.00	AL2O3 78.93 NORM PLAG 33.51 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI 1.01	
MnO	0.09	0.10	0.08	HE 0.48	AN 27.20 AB* 53.98 OR 18.82 SODIC
S	0.00	0.00	0.00	EN 8.82	
NiO	0.00	0.00	0.00	FS 4.15	CI 17.47 NORM PLAG 33.51 HAWAIIITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 67.43 FE 17.16 MG 15.41
LOI	7.93	0.00	0.00	MT 2.26	
TOTAL	90.89	100.00	100.00	IL 0.74	COLOR INDEX : 17.47
				CR 0.00	WASHINGTON INDEX : 37.92
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.97	
				CPX 1.49	
				AB* 43.32	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1416.00:CU 20.00:ZN 70.00:NI 20.00:RB 81.00:SR 325.00:Y 20.00:ZR 108.00:NB 20.00:

COMMENTS : WEAKLY HORNEELED

REPORT #2000

SAMPLE ID # VA14028

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1120.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 29-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	76.01	78.92	76.74	Q 62.82	NA2O+K2O 3.37 SI02 78.92 SUBALKALINE
AL2O3	12.25	12.72	14.58	C 10.46	OLA 2.74 NE* 1.32 GA 95.94 SUBALKALINE
FE2O3	3.34	2.10	1.53	OR 19.99	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
FE0	0.00	1.23	1.00	AB 1.47	A 46.00 F 42.50 M 11.46 THOLEIITIC
CAO	0.08	0.08	0.09	AN 0.21	AL2O3 12.72 NORM PLAG 0.00 CALC-ALKALINE
MGO	0.81	0.84	1.22	LC 0.00	AN 0.00 ABA* 6.84 OR 93.16 K-RICH SERIES
NA2O	0.15	0.16	0.29	NE 0.00	CI 5.42 NORM PLAG 0.00 RHYOLITE
K2O	3.10	3.22	4.00	KP 0.00	JENSEN CALC-ALKALINE DACITE
TIO2	0.52	0.54	0.39	AC 0.00	AL 77.62 FE 15.89 MG 6.49
P2O5	0.12	0.12	0.10	DI 0.00	COLOR INDEX : 5.42
MNO	0.06	0.06	0.05	HE 0.00	HASHIMOTO INDEX : 94.44
S	0.00	0.00	0.00	EN 2.44	
NIO	0.00	0.00	0.00	FS 0.00	
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	2.70	0.00	0.00	MT 1.98	
TOTAL	96.31	100.00	100.00	IL 0.79	
				CR 0.00	
				HM 0.22	
				AP 0.27	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 2.44	
				CPX 0.00	
				ABA 1.47	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1256.00:CU 395.00:ZN 509.00:NI 20.00:RB 94.00:SR 44.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:08:59

SAMPLE ID # VA14029

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEY/COMINCO OPTION
 0.0 N : 0.0 E L : 1120.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 29-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SI02	64.56	67.88	65.06	Q	43.24	NA2O+K2O	3.56	SI02	67.88	SUBALKALINE		
AL2O3	15.76	16.57	18.72	C	14.19	OL*	19.82	NE*	2.45	Q*	77.73	SUBALKALINE
FE2O3	7.65	2.18	1.57	OR	20.14	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FE0	0.00	5.29	4.23	AB	2.54	A	24.72	F	50.19	M	25.08	TROLEITIC
CAO	0.14	0.15	0.15	AN	0.01	AL2O3		16.57	NORM	PLAG	0.00	CALC-ALKALINE
MGO	3.44	3.62	5.17	LC	0.00	AN	0.00	ABA	11.20	OR	88.80	K-RICH SERIES
NA2O	0.26	0.27	0.51	NE	0.00	CI		19.67	NORM	PLAG	0.00	RYOLITE
K2O	3.13	3.29	4.03	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TI02	0.57	0.60	0.43	AC	0.00	AL	52.06	FE	20.81	MG	17.13	
P2O5	0.11	0.12	0.09	DI	0.00	COLOR INDEX : 19.67						
MND	0.05	0.05	0.04	HE	0.00	HASHIMOTO INDEX : 94.26						
S	0.00	0.00	0.00	EN	10.33							
NIO	0.00	0.00	0.00	FS	6.11							
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.34	0.00	0.00	MT	2.35							
TOTAL	95.11	100.00	100.00	IL	0.86							
				CR	0.00							
				HM	0.00							
				AP	0.25							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.45							
				CPX	0.00							
				AB*	2.54							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 1264.00:CU 113.00:ZN 213.00:NI 20.00:RB 92.00:SR 58.00:Y 20.00:ZR 100.00:NB 20.00:

COMMENTS : WEAK IRON STAINING

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:09:41

SAMPLE ID # VA14030

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E : 870.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 29-JUN-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SI02	64.53	68.12	63.76	Q	26.37
AL2O3	16.29	17.20	18.97	C	4.57
FE2O3	4.79	2.03	1.43	OR	17.48
FE0	0.00	2.73	2.13	AB	35.44
CAO	1.91	2.02	2.02	AN	9.55
MGO	0.43	0.45	0.63	LC	0.00
NA2O	3.70	3.91	7.09	NE	0.00
K2O	2.77	2.92	3.50	KP	0.00
TIO2	0.42	0.44	0.31	AC	0.00
P2O5	0.08	0.08	0.07	DI	0.00
MNO	0.10	0.11	0.08	RE	0.00
S	0.00	0.00	0.00	EN	1.27
NIO	0.00	0.00	0.00	FS	2.38
CR2O3	0.00	0.00	0.00	EO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	3.60	0.00	0.00	MT	2.14
				IL	0.62
TOTAL	94.73	100.00	100.00	CR	0.00
				HM	0.00
				AP	0.18
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	3.65
				CPX	0.00
				ABA	35.44

CLASSIFICATIONS AND INDICES					
NA2O+K2O	6.83	SI02	68.12		SUBALKALINE
OL*	4.18	NE*	32.49	Q*	63.33
CPX	0.00	OL	0.00	OPX	100.00
A	57.72	F	38.45	M	3.84
AL2O3	17.20	NORM	PLAG	21.23	CALC-ALKALINE
AN	15.29	ABA	56.73	OR	27.98
CI	6.42	NORM	PLAG	21.23	DACITE

JENSEN THOLEIITIC RHYOLITE
 AL 80.52 FE 16.80 MG 2.69

COLOR INDEX : 6.42
 HASHIMOTO INDEX : 36.32

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 982.00:CU 20.00:ZN 51.00:NI 20.00:RB 87.00:SR 167.00:Y 26.00:ZR 113.00:NB 20.00:

COMMENTS : MODERATELY CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:10:22

SAMPLE ID : VA14031

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 885.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 29-JUN-90
 GATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.66	65.12	60.58	Q 17.24	NA2O+K2O 6.56 SiO2 65.12 SUBALKALINE
Al2O3	14.42	15.74	17.26	C 0.00	
Fe2O3	4.75	2.04	1.43	OR 14.91	OLA 5.77 NEA 37.62 QA 56.61 SUBALKALINE
FeO	0.00	2.83	2.20	AB 36.51	
CaO	4.81	5.25	5.23	AN 17.43	CPX 59.32 OL 0.00 QPX 40.68 ALKALINE
MgO	1.70	1.86	2.57	LC 0.00	
Na2O	3.71	4.05	7.30	NE 0.00	A 50.15 F 35.66 M 14.19 THOLEIITIC
K2O	2.30	2.51	2.98	KP 0.00	
TiO2	0.37	0.40	0.28	AC 0.00	AL2O3 15.74 NORM PLAG 32.31 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI 4.34	
MnO	0.11	0.12	0.09	HE 2.19	AN 25.31 AB* 53.03 OR 21.66 AVERAGE SERIES
S	0.00	0.00	0.00	EN 2.98	
NiO	0.00	0.00	0.00	ES 1.50	CI 13.71 NORM PLAG 32.31 ANDESITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 72.40 FE 16.81 KG 10.79
LOI	7.32	0.00	0.00	MT 2.14	
TOTAL	91.62	100.00	100.00	IL 0.57	COLOR INDEX : 13.71
				CR 0.00	HASHIKOTO INDEX : 31.95
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.48	
				CPX 6.53	
				AB* 36.51	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 589.00:CU 20.00:ZN 43.00:NI 20.00:RB 77.00:SR 288.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS : 20% QUARTZ EYES (UP TO 4 MM)
 STRONGLY CALCAREOUS ALTERATION

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:17:24

SAMPLE ID # VAL4032

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 1050.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : SPOTS ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : NIL ,NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	68.42	71.20	68.43	Q	48.10	NA2O+K2O	5.16	SiO2	71.20	SUBALKALINE		
Al2O3	17.36	18.07	20.46	C	13.92	Ca*	2.84	Na*	1.25	Ca*	95.90	SUBALKALINE
Fe2O3	3.74	2.35	1.70	OR	30.97	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.39	1.11	AB	1.07	A	55.26	F	37.49	M	7.24	THOLEIITIC
CaO	0.21	0.22	0.23	AN	0.35	Al2O3	18.07	MDRM	PLAG	24.58	CALC-ALKALINE	
MgO	0.65	0.68	0.97	LC	0.00	AN	1.07	AB*	3.29	OR	95.63	K-RICH SERIES
Na2O	0.11	0.11	0.21	NE	0.00	CJ	5.35	NORM	PLAG	24.58	DACITE	
K2O	4.85	5.05	6.19	KP	0.00	JENSEN CALC-ALKALINE RHYOLITE						
TiO2	0.76	0.79	0.57	AC	0.00	AL	22.37	VE	13.73	MG	3.90	
P2O5	0.11	0.11	0.09	BI	0.00	COLOR INDEX : 5.35						
MnO	0.03	0.03	0.03	HE	0.00	HASHIMOTO INDEX : 94.50						
S	0.00	0.00	0.00	EN	1.94							
NiO	0.00	0.00	0.00	ES	0.00							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.35	0.00	0.00	MT	1.70							
TOTAL	96.09	100.00	100.00	IL	1.14							
				CR	0.00							
				HM	0.57							
				AP	0.25							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	1.94							
				CPX	0.00							
				AB*	1.07							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RR,RU,AG (P.P.B.)

BA 1140.00:CU 25.00:ZN 44.00:NI 23.00:RB 169.00:SR 127.00:Y 20.00:ZR 185.00:NB 20.00:

COMMENTS : IRON CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:11:08

SAMPLE ID # VAI4033

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 780.0
 DDH : P82-1 START DEPTH : 6.80 END DEPTH : 9.93

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARIZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : SPOTS ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLSRS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	58.40	64.59	61.71	Q	24.64	NA2O+K2O	4.96	SiO2	64.59	SUBALKALINE		
Al2O3	13.31	14.72	16.58	C	1.21	OLA	20.73	NEA	16.40	Q*	62.87	SUBALKALINE
Fe2O3	8.70	2.05	1.47	OR	20.38	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	6.82	5.45	AB	14.95	A	31.46	F	54.98	M	13.56	THOLEIITIC
CaO	3.76	4.16	4.26	AN	20.76	Al2O3	14.72	NORM	PLAG	58.13	THOLEIITIC	
MgO	1.93	2.13	3.04	LC	0.00	AN	37.01	AB*	26.66	OR	36.33	K-RICH SERIES
Na2O	1.46	1.61	2.99	NE	0.00	CI	17.89	NORM	PLAG	58.13	BASALT	
K2O	3.02	3.34	4.08	KP	0.00	JENSEN THOLEIITIC DACITE						
TiO2	0.35	0.39	0.28	AC	0.00	AL	61.62	FE	27.08	MG	11.30	
P2O5	0.07	0.08	0.06	DI	0.00	COLD INDEX : 17.89						
MnO	0.10	0.11	0.09	HE	0.00	HASHIMOTO INDEX : 48.67						
S	0.00	0.00	0.00	EN	6.08							
NiO	0.00	0.00	0.00	FS	9.05							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.93	0.00	0.00	MT	2.21							
TOTAL	90.41	100.00	100.00	IL	0.56							
				CR	0.00							
				HM	0.00							
				AP	0.17							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	15.12							
				CPX	0.00							
				AB*	14.95							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 845.00:CU 48.00:ZN 59.00:NI 20.00:RB 82.00:SR 120.00:Y 20.00:ZR 74.00:NB 20.00:

COMMENTS : IRON CARBONATE

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:11:49

SAMPLE ID # VA14034

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DOH : PB2-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 RL : 780.0
 START DEPTH : 9.93 END DEPTH : 33.54

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : SPOTS ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.05	66.76	63.32	Q 29.21	NA2O+K2O 4.88 SiO2 66.76 SUBALKALINE
Al2O3	14.46	15.81	17.68	C 2.20	
Fe2O3	5.21	3.04	1.46	OR 20.33	OLA 13.89 NF* 15.82 QA 70.29 SUBALKALINE
FeO	0.00	3.29	2.61	AB 13.97	
CaO	3.97	4.34	4.41	AN 21.55	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.09	2.29	3.23	LC 0.00	
Na2O	1.39	1.52	2.79	NE 0.00	A 39.69 F 41.72 M 18.60 THOLEIITIC
K2O	3.07	3.36	4.07	KP 0.00	
TiO2	0.37	0.40	0.29	AC 0.00	AL2O3 15.81 NORM PLAG 60.66 THOLEIITIC
P2O5	0.07	0.08	0.06	DI 0.00	
MnO	0.10	0.11	0.09	HE 0.00	AN 38.58 ABA 25.02 OR 36.40 K-RICH SERIES
S	0.00	0.00	0.00	EN 6.46	
NiO	0.00	0.00	0.00	FS 3.35	CI 12.58 NORM PLAG 60.66 BASALT
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 69.73 FE 17.53 MG 12.74
LOI	7.24	0.00	0.00	MT 2.19	
TOTAL	91.45	100.00	100.00	IL 0.58	COLOR INDEX : 12.58
				CR 0.00	HASHIMOTO INDEX : 49.05
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.81	
				CPX 0.00	
				ABA 13.97	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,(R,OS,RH,RU,HG (P.P.B.)

BA 616.00:CU 112.00:ZN 71.00:NI 20.00:RB 89.00:SR 150.00:Y 20.00:ZR 62.00:NB 20.00:

COMMENTS : IRDN CARBONATE

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:12:31

SAMPLE ID # VA14035

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 MTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 RL : 780.0
 DDH : PB2-1 START DEPTH : 33.54 END DEPTH : 35.30

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.46	66.99	64.44	Q 33.22	NA2O+K2O 4.65 SiO2 66.99 SUPALKALINE
Al2O3	14.34	15.63	17.72	C 3.81	
Fe2O3	7.17	2.04	1.48	DR 23.43	OLA 14.22 NE* 9.27 QA 76.51 SUBALKALINE
FeO	0.00	5.20	4.18	AB 7.83	
CaO	3.50	3.82	3.93	AN 19.14	CPX 0.00 OL 0.00 BPX 100.00 SUPALKALINE
MgO	1.01	1.10	1.58	LC 0.00	
Na2O	0.77	0.84	1.57	NE 0.00	A 36.40 F 54.99 M 8.61 THOLEIITIC
K2O	3.50	3.82	4.69	KP 0.00	AL2O3 15.63 NORM PLAG 70.98 THOLEIITIC
TiO2	0.37	0.40	0.29	AC 0.00	
P2O5	0.07	0.08	0.06	DI 0.00	AN 37.98 AB* 15.53 DR 46.49 K-RICH SERIES
MnO	0.08	0.09	0.07	HE 0.00	
S	0.00	0.00	0.00	EN 3.16	CI 12.40 NORM PLAG 70.98 BASALT
NiO	0.00	0.00	0.00	FS 6.45	
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	JENSEN THOLEIITIC DACITE
H2O+	0.00	0.00	0.00	WD 0.00	AL 69.99 FE 23.78 MG 6.23
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	4.96	0.00	0.00	MT 2.21	COLOR INDEX : 12.40
TOTAL	91.74	100.00	100.00	IL 0.58	HASHIMOTO INDEX : 51.37
				CR 0.00	
				HM 0.00	
				AP 0.17	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.60	
				CPX 0.00	
				AB* 7.83	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 478.00:CU 33.00:ZN 71.00:NI 20.00:RB 100.00:SR 105.00:Y 20.00:ZR 84.00:NB 20.00:

COMMENTS : CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:13:13

SAMPLE ID # VA14036

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : PB2-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 N : 0.0 EL : 780.0
 START DEPTH : 35.50 END DEPTH : 56.70

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	61.53	67.60	64.58	G	35.34
Al2O3	14.38	15.80	17.79	C	4.33
Fe2O3	4.84	2.05	1.48	DR	23.32
FeO	0.00	2.94	2.35	AB	2.85
CaO	3.75	4.12	4.22	AN	20.57
MgO	2.47	2.71	3.86	LC	0.00
Na2O	0.28	0.31	0.57	NE	0.00
K2O	3.48	3.82	4.66	KP	0.00
TiO2	0.37	0.41	0.29	AC	0.00
P2O5	0.07	0.08	0.06	DI	0.00
MnO	0.15	0.16	0.13	HE	0.00
S	0.00	0.00	0.00	EN	7.73
NiO	0.00	0.00	0.00	FS	2.90
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	7.35	0.00	0.00	MT	2.22
TOTAL	91.02	100.00	100.00	IL	0.58
				CR	0.00
				HM	0.00
				AP	0.17
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	10.62
				CPX	0.00
				ABA	2.85

CLASSIFICATIONS AND INDICES

NA2O+K2O	4.13	SiO2	67.60	SUBALKALINE		
OLA	16.32	NEA	3.50	QA	80.17	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	35.52	F	41.14	K	23.33	THOLEIITIC
Al2O3	15.80	NORM PLAG	87.83	THOLEIITIC		
AN	44.00	ABA	6.09	DR	49.90	K-RICH SERIES
CI	13.42	NORM PLAG	87.83	BASALT		

JENSEN CALC-ALKALINE ANDESITE
 AL 68.68 FE 16.40 MG 14.92

COLOR INDEX : 13.42
 HASHIMOTO INDEX : 59.62

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 366.00:CU 20.00:ZN 54.00:NI 20.00:RB 97.00:SR 110.00:Y 20.00:ZR 78.00:NB 20.00:

COMMENTS : WEAKLY CALCAREOUS, MINDR CHLORITE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:13:54

SAMPLE ID # VA14037

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95 FIELD NUMBER : PROJECT # 1147
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 082M05 GRID COORDINATES : PROJECT : BET/COMINCO OPTION
 UTM ZONE : 11 E : 0.0 N : 0.0 RL : 780.0
 SAMPLE TYPE : DRILL HOLE DDH : P82-1 START DEPTH : 56.70 END DEPTH : 62.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN DATE : 01-JUL-90 ANALYTICAL
 ANALYZED BY : COMINCO DATE : 19-JUL-90 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.94	66.19	62.83	Q	28.12	NA2O+K2O	4.32	SiO2	66.19	SUBALKALINE		
Al2O3	13.09	14.70	16.45	C	0.00	GLA	19.01	NEA	9.68	QA	71.31	SUBALKALINE
Fe2O3	4.82	2.06	1.47	OR	21.10	CPX	9.31	OL	0.00	OPX	90.69	SUBALKALINE
FeO	0.00	3.02	2.40	AB	7.75	A	34.20	F	38.53	M	27.27	TIOLETTIC
CaO	5.04	5.66	5.76	AN	26.69	AL2O3	14.70	NORM PLAG	77.50			TROLETTIC
MgO	3.07	3.45	4.88	LC	0.00	AN	48.06	ABA	13.95	OR	37.99	K-RICH SFRIES
Na2O	0.75	0.84	1.55	NE	0.00	CI	16.16	NORM PLAG	77.50			BASALT
K2O	3.10	3.48	4.22	KP	0.00							
TiO2	0.33	0.37	0.26	AC	0.00							
P2O5	0.07	0.08	0.06	DI	0.95							
MnO	0.14	0.16	0.13	HE	0.30							
S	0.00	0.00	0.00	EN	9.28							
NiO	0.00	0.00	0.00	FS	2.90							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	64.29	FE	16.64	MG	19.07	
LOI	9.54	0.00	0.00	MT	2.20							
				IL	0.53							
TOTAL	89.05	100.00	100.00	CR	0.00							
				HM	0.00							
				AP	0.17							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.18							
				CPX	1.25							
				ABA	7.75							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TR,OS,RH,RU,HG (P.P.B.)

BA 379.00:CU 20.00:ZN 26.00:NI 20.00:RB 98.00:SR 163.00:Y 20.00:ZR 96.00:NB 20.00:

COMMENTS : STRONGLY CALCAREOUS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:14:43

SAMPLE ID # VA14038

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : P82-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 START DEPTH : 62.00
 END DEPTH : 74.98

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	59.78	66.58	63.19	Q	30.65
Al2O3	13.88	15.46	17.29	C	2.45
Fe2O3	4.85	2.08	1.49	OR	20.72
FeO	0.00	2.99	2.37	AB	7.89
CaO	4.12	4.59	4.67	AN	22.81
MgO	3.06	3.41	4.82	LC	0.00
Na2O	0.77	0.86	1.58	NE	0.00
K2O	3.07	3.42	4.14	KP	0.00
TiO2	0.37	0.41	0.29	AC	0.00
P2O5	0.07	0.08	0.06	DI	0.00
MnO	0.11	0.12	0.10	HE	0.00
S	0.00	0.00	0.00	EN	9.64
NiO	0.00	0.00	0.00	FS	2.86
Cr2O3	0.00	0.00	0.00	FD	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	8.81	0.00	0.00	MT	2.23
TOTAL	89.78	100.00	100.00	IL	0.59
				CR	0.00
				HM	0.00
				AP	0.17
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	12.50
				CPX	0.00
				AB*	7.89

CLASSIFICATIONS AND INDICES					
Na2O+K2O	4.28	SiO2	66.58	SUBALKALINE	
OL*	18.37	NE*	9.27	QA	72.35
CPX	0.00	OL	0.00	OPX	100.00
A	34.09	F	38.74	M	27.17
Al2O3	15.46	NORM	PLAG	74.30	THOLEIITIC
AN	44.36	AB*	15.34	OR	40.30
CI	15.32	NORM	PLAG	74.30	BASALT
JENSEN CALC-ALKALINE ANDESITE					
Al	65.59	Fe	16.12	Mg	18.28
COLOR INDEX : 15.32					
HASHIMOTO INDEX : 55.63					

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 405.00:CU 20.00:ZN 49.00:NI 20.00:RB 89.00:SR 144.00:Y 20.00:ZR 78.00:NB 20.00:

COMMENTS : STRONGLY CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 --- EXPLORATION DIVISION ---

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:15:28

SAMPLE ID # VA14039

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 780.0
 DOH : P82-1 START DEPTH : 74.98 END DEPTH : 99.36

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE , CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% , PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.43	66.12	61.94	Q	28.31	NA2O+K2O	4.72	SiO2	66.12	SUBALKALINE		
Al2O3	14.90	16.04	17.71	C	5.70	OL*	19.94	NE*	16.11	QA	63.95	SUBALKALINE
Fe2O3	5.04	2.02	1.43	OR	17.51	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.06	2.40	AB	16.32	A	33.00	F	34.08	K	32.92	THOLEIITIC
CaO	2.52	2.71	2.72	AN	13.11	AL2O3		16.04	NORM	PLAG	44.55	CALC-ALKALINE
MgO	4.38	4.71	6.58	LC	0.00	AN	27.93	AB*	34.77	OR	37.30	K-RICH SERIES
Na2O	1.67	1.80	3.26	NE	0.00	CI		18.88	NORM	PLAG	44.55	ANDESITE
K2O	2.72	2.93	3.50	KP	0.00							
TiO2	0.38	0.41	0.29	AC	0.00	JENSEN						
P2O5	0.07	0.08	0.06	DI	0.00	AL	62.12	FE	14.79	MG	23.09	
MnO	0.12	0.13	0.10	HE	0.00							
S	0.00	0.00	0.00	EN	13.16							
NiO	0.00	0.00	0.00	FS	3.00							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.48	0.00	0.00	MT	2.14							
TOTAL	92.91	100.00	100.00	IL	0.58							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.16							
				CPX	0.00							
				AB*	16.32							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 498.00:CU 20.00:ZN 114.00:NI 20.00:RB 79.00:SR 111.00:Y 21.00:ZR 104.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:16:15

SAMPLE ID # VA14040

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : P92-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E L : 780.0
 START DEPTH : 99.36 END DEPTH : 114.18

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.79	65.97	62.60	Q	35.98	NA2O+K2O	3.58	SiO2	65.97	SUBALKALINE		
Al2O3	14.69	15.94	17.83	C	10.55	OLA	26.39	NEA	2.24	QA	71.37	SUBALKALINE
Fe2O3	6.61	2.18	1.56	OR	20.26	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.49	3.56	AB	2.20	A	22.98	F	41.43	M	35.59	THOLEIITIC
CaO	1.37	1.49	1.51	AN	6.98	AL2O3	15.94	NORM	PLAG	76.06	THOLEIITIC	
MgO	5.11	5.55	7.84	LC	0.00	AN	23.71	ABA	7.46	OR	68.83	K-RICH SERIES
Na2O	0.22	0.24	0.44	NE	0.00	CJ	23.86	NORM	PLAG	76.06	BASALT	
K2O	3.08	3.34	4.05	KP	0.00	JENSEN	CALC-ALKALINE	BASALT				
TiO2	0.51	0.55	0.40	AC	0.00	AL	56.93	FE	18.03	Mg	25.04	
P2O5	0.08	0.09	0.07	DI	0.00	COLOR INDEX :	23.86					
MnO	0.15	0.16	0.13	HE	0.00	HASHIMOTO INDEX :	83.74					
S	0.00	0.00	0.00	EN	15.69							
NiO	0.00	0.00	0.00	FS	5.04							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.72	0.00	0.00	MT	2.34							
TOTAL	92.15	100.00	100.00	IL	0.79							
				CR	0.00							
				HM	0.00							
				AP	0.19							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	20.73							
				CPX	0.00							
				ABA	2.20							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 757.00:CU 185.00:ZN 780.00:NI 20.00:RB 97.00:SR 79.00:Y 20.00:ZR 104.00:NB 20.00:

COMMENTS : WEAKLY CALCAREOUS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:16:57

SAMPLE ID # VA14041

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DQH : PB2-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E : 780.0
 START DEPTH : 114.18 END DEPTH : 120.77

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE,SILICIFICATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.92	67.05	63.31	G	30.21	NA2O+K2O	5.74	SiO2	67.05	SUBALKALINE		
Al2O3	15.34	16.61	18.49	C	6.55	OL*	12.11	NE*	19.38	QA	68.51	SUBALKALINE
Fe2O3	5.51	2.21	1.57	OR	22.13	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.38	2.67	AB	18.93	A	42.92	F	40.15	M	16.93	THOLEIITIC
CaO	1.82	1.97	1.99	AN	9.32	AL2O3	16.61	NORM	PLAG	32.99		CALC-ALKALINE
MgO	2.09	2.26	3.18	LC	0.00	AN	18.50	AB*	37.57	OR	43.93	K-RICH SERIES
Na2O	1.91	2.07	3.79	NE	0.00	CI	12.65	NORM	PLAG	32.99		ANDESITE
K2O	3.39	3.67	4.43	KP	0.00							
TiO2	0.54	0.58	0.42	AC	0.00							
P2O5	0.09	0.10	0.09	DI	0.00							
MnO	0.09	0.10	0.08	HE	0.00							
S	0.00	0.00	0.00	EN	6.37							
NiO	0.00	0.00	0.00	FS	3.10							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN						
H2O-	0.00	0.00	0.00	LN	0.00	AL	70.01	FE	17.92	MG	12.06	
LOI	5.53	0.00	0.00	MT	2.35							
TOTAL	92.35	100.00	100.00	IL	0.83							
				CR	0.00	COLOR INDEX :	12.65					
				HM	0.00	HASHIMOTO INDEX :	59.50					
				AP	0.21							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.47							
				CPX	0.00							
				ABA	18.93							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,OS,RH,RU,HG (P.P.B.)

BA 993.00:CU 294.00:ZN 118.00:NI 20.00:RB 100.00:SR 135.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS :

==== F A L C O M B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:17:39

SAMPLE ID # VA14042

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95

FIELD NUMBER :

PROJECT # 1147

TOWNSHIP :

LOT : 0 CONCESSION :

PROVINCE : BRITISH COLUMBIA

NTS : 082M05

GRID COORDINATES :

E : 0.0 N : 0.0 RL : 718.0

UTM ZONE : 11

DDH : BET78-4

START DEPTH : 23.70

END DEPTH : 26.70

SAMPLE TYPE : DRILL HOLE

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.

FINAL NAME :

ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.

MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.

FORMATION :

SAMPLED BY : C RUSSELL

DATE : 02-JUL-90

ANALYTICAL

ANALYZED BY : COMINCO

DATE : 19-JUL-90

TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SI02	60.53	66.74	63.25	0	34.52	NA20+K20	3.58	SI02	66.74	SUBALKALINE		
AL203	13.95	15.38	17.18	C	6.61							
FE203	5.26	2.06	1.47	OR	19.69	OL*	24.44	NE*	3.27	QA*	72.29	SUBALKALINE
FE0	0.00	3.36	2.67	AB	3.04	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
CA0	2.77	3.05	3.10	AN	15.06							
MGO	4.69	5.17	7.30	LC	0.00	A	25.65	F	37.35	H	37.01	THOLEIITIC
NA20	0.30	0.33	0.61	NE	0.00	AL203		15.38	NORM	PLAG	83.21	THOLEIITIC
K20	2.95	3.25	3.94	KP	0.00	AN	39.87	ABA	8.04	OR	52.09	K-RICH SERIES
TIO2	0.37	0.41	0.29	AC	0.00	C1		20.94	NORM	PLAG	83.21	BASALT
P205	0.06	0.07	0.05	DI	0.00							
MNO	0.15	0.17	0.13	HE	0.00	JENSEN						
S	0.00	0.00	0.00	EN	14.61	AL	59.16	EE	15.70	MG	25.15	
NIO	0.00	0.00	0.00	FS	3.55	COLOR INDEX :						
CR203	0.00	0.00	0.00	FO	0.00	HASHIMOTO INDEX :						
CO2	0.00	0.00	0.00	FA	0.00							
H20+	0.00	0.00	0.00	WD	0.00							
H20-	0.00	0.00	0.00	LN	0.00							
LOI	7.30	0.00	0.00	MT	2.21							
TOTAL	90.69	100.00	100.00	IL	0.58							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	18.15							
				CPX	0.00							
				ABA*	3.04							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 578.00:CU 20.00:ZN 89.00:NI 20.00:RB 94.00:SR 91.00:Y 20.00:ZK 75.00:NB 21.00:

COMMENTS : CALCAREOUS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:18:24

SAMPLE ID # VA14043

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : BET78-A

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 26.70
 END DEPTH : 29.40

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.16	66.68	62.99	Q 31.36	NA2O+K2O 4.41 SiO2 66.68 SUBALKALINE
Al2O3	14.52	16.09	17.92	C 4.65	
Fe2O3	4.36	2.09	1.49	DR 20.73	Al* 18.29 Na* 10.06 Ca* 71.66 SUBALKALINE
FeO	0.00	2.46	1.95	AB 8.93	
CaO	3.35	3.71	3.76	AN 18.35	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.51	3.89	5.48	LC 0.00	
Na2O	0.88	0.98	1.79	NE 0.00	A 34.87 F 34.37 M 30.75 THOLEITIC
K2O	3.10	3.44	4.15	KP 0.00	
TiO2	0.39	0.43	0.31	AC 0.00	Al2O3 16.09 NORM PLAG 67.26 THOLEYTIC
P2O5	0.06	0.07	0.05	DI 0.00	
MnO	0.14	0.16	0.12	HE 0.00	AN 38.22 AB* 18.60 DR 43.18 K-RICH SERIES
S	0.00	0.00	0.00	EN 10.95	
NiO	0.00	0.00	0.00	FS 2.04	CI 15.84 NORM PLAG 67.26 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 65.73 Fe 14.18 Mg 20.09
LOI	8.14	0.00	0.00	MT 2.23	
TOTAL	90.22	100.00	100.00	IL 0.61	COLOR INDEX : 15.84
				CR 0.00	HASHIMOTO INDEX : 60.98
				HM 0.00	
				AP 0.14	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.99	
				CPX 0.00	
				AB* 8.93	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 544.00:CU 20.00:ZN 53.00:NI 20.00:RB 101.00:SR 115.00:Y 20.00:ZR 91.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:19:06

SAMPLE ID # VA14044

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : BET78-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 M : 0.0 RL : 718.0
 START DEPTH : 34.30 END DEPTH : 37.30

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLSRS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.42	67.20	63.81	Q 36.59	NA2O+K2O 3.67 SiO2 67.20 SUBALKALINE
Al2O3	13.89	15.98	17.88	C 7.89	
Fe2O3	4.92	2.16	1.55	OR 20.02	OLA 21.17 NEA 3.65 QA 75.18 SUBALKALINE
FeO	0.00	3.15	2.50	AB 3.39	
CaO	2.36	2.71	2.76	AN 13.27	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.90	4.49	6.35	LC 0.00	
Na2O	0.32	0.37	0.68	NE 0.00	A 27.70 F 38.44 M 33.86 THOLEIITIC
K2O	2.87	3.30	4.00	KP 0.00	
TiO2	0.38	0.44	0.31	AC 0.00	AL2O3 15.98 NORM PLAG 79.66 THOLEIITIC
P2O5	0.07	0.08	0.06	DI 0.00	
MnO	0.11	0.13	0.10	HE 0.00	AN 36.18 AB* 9.24 OR 54.58 K-RICH SERIES
S	0.00	0.00	0.00	EN 12.70	
NiO	0.00	0.00	0.00	ES 3.03	CI 18.67 NORM PLAG 79.66 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 62.33 FE 15.54 MG 22.13
LOI	11.94	0.00	0.00	MT 2.32	
TOTAL	86.94	100.00	100.00	IL 0.62	COLOR INDEX : 18.67 WASHINGTON INDEX : 71.64
				CR 0.00	
				HM 0.00	
				AP 0.17	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AS 0.00	
				OL 0.00	
				OPX 15.73	
				CPX 0.00	
				AB* 3.39	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 456.00:CU 20.00:ZN 116.00:NI 20.00:RB 85.00:SR 75.00:Y 21.00:ZR 85.00:NB 22.00:

COMMENTS : CALCAREOUS

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REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:19:48

SAMPLE ID # VA14045

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 718.0
 DDH : BET78-4 START DEPTH : 47.90 END DEPTH : 50.90

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	61.55	66.42	62.65	Q	34.20
Al2O3	14.75	15.92	17.70	C	8.36
Fe2O3	5.18	2.03	1.44	OR	18.79
FeO	0.00	3.20	2.53	AB	4.74
CaO	2.23	2.41	2.43	AN	11.59
MgO	5.31	5.73	8.06	LC	0.00
Na2O	0.48	0.53	0.95	NE	0.00
K2O	2.89	3.12	3.76	KP	0.00
TiO2	0.38	0.41	0.29	AC	0.00
F2O5	0.08	0.09	0.07	DI	0.00
MnO	0.15	0.16	0.13	HE	0.00
S	0.00	0.00	0.00	EN	16.11
NiO	0.00	0.00	0.00	FS	3.29
Cr2O3	0.00	0.00	0.00	EO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	6.24	0.00	0.00	MT	2.16
TOTAL	92.67	100.00	100.00	IL	0.58
				CR	0.00
				HM	0.00
				AP	0.18
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				CPX	19.40
				CPX	0.00
				ABA	4.74

CLASSIFICATIONS AND INDICES					
NA2O+K2O	3.64	SiO2	66.42	SUBALKALINE	
OLA	24.94	NEA	4.87	QA	70.19
CPX	0.00	DL	0.00	CPX	100.00
A	25.26	F	34.94	M	39.80
AL2O3	15.92	NORM	PLAG	70.98	THOLEIITIC
AN	33.00	ABA	13.49	OR	53.51
CI	22.15	NORM	PLAG	70.98	BASALT
JENSEN CALC-ALKALINE BASALT					
AL	58.72	FE	14.56	MG	26.73

COLOR INDEX : 22.15
 HASHIMOTO INDEX : 75.16

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 576.00:CU 20.00:ZN 96.00:NI 20.00:RB 88.00:SR 71.00:Y 20.00:ZR 85.00:NB 20.00:

COMMENTS : CALCAREOUS

==== F A L C O N B R I D G E I T D =====
 --- EXPLORATION DIVISION ---

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:20:29

SAMPLE ID # VA14046

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 RI : 718.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SI02	70.91	71.73	67.42	Q 31.18	NA2O+K2O 7.44 SJ02 71.73 SUBALKALINE
AL2O3	14.39	14.56	16.13	C 2.97	
FE2O3	3.46	1.95	1.38	DR 25.68	OLA 3.14 NEA 27.58 OA 69.28 SUBALKALINE
FE0	0.00	1.39	1.09	AB 28.76	
CAO	1.38	1.40	1.41	AN 5.69	CPX 0.00 OI 0.00 OPX 100.00 SUBALKALINE
MGO	0.81	0.82	1.15	LC 0.00	
NA2O	3.12	3.16	5.75	NE 0.00	A 65.20 F 27.62 H 7.19 CALC-ALKALINE
K2O	4.23	4.28	5.14	KP 0.00	
TIO2	0.43	0.43	0.31	AC 0.00	AL2O3 14.56 NORM PLAG 16.51 CALC-ALKALINE
P2O5	0.20	0.20	0.16	DT 0.00	
MNO	0.08	0.08	0.06	HE 0.00	AN 9.46 ADA 47.83 DR 42.72 K-RICH SERIES
S	0.00	0.00	0.00	EN 2.30	
NIO	0.00	0.00	0.00	FS 0.32	CI 5.30 NORM PLAG 16.51 DACITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 80.14 FE 14.15 MG 5.70
LOI	0.62	0.00	0.00	MT 2.07	
TOTAL	98.86	100.00	100.00	IL 0.61	COLOR INDEX : 5.30 HASHIMOTO INDEX : 52.83
				CR 0.00	
				HM 0.00	
				AP 0.43	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 2.62	
				CPX 0.00	
				ABA 28.76	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 538.00:CU 20.00:ZN 84.00:NI 20.00:RB 179.00:SR 134.00:Y 34.00:ZR 156.00:NB 20.00:

COMMENTS : STANDARD GI-A

==== FA L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:21:11

SAMPLE ID # VA14047

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 718.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.98	64.90	60.90	Q 32.80	NA2O+K2O 3.43 SiO2 64.90 SUBALKALINE
Al2O3	15.11	16.08	17.79	C 12.42	
Fe2O3	7.56	2.14	1.51	DR 12.95	OLA 27.66 NEA 9.84 GA 62.50 SUBALKALINE
FeO	0.00	5.32	4.17	AB 11.52	
CaO	0.34	0.36	0.36	AN 1.18	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.61	7.04	9.84	LC 0.00	
Na2O	1.19	1.27	2.30	NE 0.00	A 19.36 F 40.90 M 39.74 THOLEITIC
K2O	2.03	2.16	2.59	KP 0.00	
TiO2	0.51	0.54	0.38	AC 0.00	Al2O3 16.08 NORM PLAG 9.32 CALC-ALKALINE
P2O5	0.09	0.10	0.08	BT 0.00	
MnO	0.09	0.10	0.08	HE 0.00	AN 4.62 ABA 44.91 DR 50.47 K-RICH SERIES
S	0.00	0.00	0.00	EN 19.68	
NiO	0.00	0.00	0.00	FS 6.22	C1 28.93 NORM PLAG 9.32 ANDESITE
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	Al 52.68 Fe 18.19 Mg 29.14
LOI	5.36	0.00	0.00	HI 2.27	
TOTAL	93.95	100.00	100.00	IL 0.77	COLOR INDEX : 28.93 HASHIMOTO INDEX : 84.96
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 25.89	
				CPX 0.00	
				ABA 11.52	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 464.00:CU 107.00:ZN 309.00:NI 20.00:RB 62.00:SR 46.00:Y 20.00:ZR 101.00:NB 20.00:

COMMENTS : STANDARD GI-A

REPORT #2000

SAMPLE ID # VA14048

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 730.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.17	66.94	62.76	Q 25.28	NA2O+K2O 5.68 SiO2 66.94 SUBALKALINE
Al2O3	14.61	15.48	17.11	C 2.17	
Fe2O3	5.13	1.99	1.41	DR 17.89	OL* 13.78 NEA 24.08 QA 62.74 SUBALKALINE
FeO	0.00	3.10	2.43	AB 24.46	
CaO	3.13	3.32	3.33	AN 16.17	CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	2.76	2.92	4.09	LC 0.00	
Na2O	2.54	2.69	4.89	NE 0.00	A 42.09 F 36.24 M 23.67 THOLEITIC
K2O	2.82	2.99	3.58	KP 0.00	
TiO2	0.38	0.40	0.28	AC 0.00	AL2O3 15.48 NORM PLAG 39.79 CALC-ALKALINE
P2O5	0.07	0.07	0.06	DI 0.00	
MnO	0.08	0.08	0.07	ME 0.00	AN 27.63 ABA 41.80 DR 30.57 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.17	
NiO	0.00	0.00	0.00	FS 3.02	CI 13.87 NORM PLAG 39.79 ANDESITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WG 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 67.43 FE 16.49 MG 16.10
LOI	4.60	0.00	0.00	MT 2.11	
TOTAL	94.36	100.00	100.00	IL 0.57	COLOR INDEX : 13.87 WASHINGTON INDEX : 49.60
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				BL 0.00	
				OPX 11.19	
				CPX 0.00	
				ABA 24.46	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 691.00:CU 20.00:ZN 43.00:NI 20.00:RH 85.00:SR 149.00:Y 20.00:ZK 100.00:NR 20.00:

COMMENTS : UNIT POSSIBLY A LAPILLI TUFF
 CALCAREOUS

==== FALCONBRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:22:34

SAMPLE ID # VA14049

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 730.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.32	67.74	62.86	Q 21.67	NA2O+K2O 6.15 SiO2 67.74 SUBALKALINE
Al2O3	14.24	15.00	16.40	C 0.00	
Fe2O3	4.53	1.95	1.36	OR 10.61	Q* 9.55 NE* 33.72 Q* 56.73 SUBALKALINE
FeO	0.00	2.54	1.97	AB 39.22	
CaO	3.36	3.54	3.52	AN 16.09	CPX 8.37 OL 0.00 OPX 91.63 SUBALKALINE
MgO	2.44	2.57	3.55	LC 0.00	
Na2O	4.14	4.36	7.84	NE 0.00	A 47.26 F 32.99 K 19.75 THOLEIITIC
K2O	1.70	1.79	2.12	KP 0.00	
TiO2	0.35	0.37	0.26	AC 0.00	AL2O3 15.00 NORM PLAG 29.10 CALC-ALKALINE
P2O5	0.07	0.07	0.06	DI 0.62	
MnO	0.07	0.07	0.06	HE 0.19	AN 24.41 ABA 59.49 OR 16.09 AVERAGE SERIES
S	0.00	0.00	0.00	EN 6.80	
NiO	0.00	0.00	0.00	FS 2.09	CI 12.25 NORM PLAG 29.10 DACITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 69.49 FE 15.45 MG 15.06
LOI	4.52	0.00	0.00	MT 2.04	
TOTAL	94.95	100.00	100.00	IL 0.51	COLOR INDEX : 12.25 HASHIMOTO INDEX : 35.57
				CR 0.00	
				HM 0.00	
				AP 0.15	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.88	
				CPX 0.81	
				ABA 39.22	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,OS,RH,RU,HG (P.P.B.)

BA 685.00:CU 20.00:ZN 44.00:NI 20.00:RB 60.00:SR 196.00:Y 20.00:ZR 106.00:NB 20.00:

COMMENTS : UNIT POSSIBLY A LAPILLI TUFF
 CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:29:16

SAMPLE ID # VA14050

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 730.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.39	67.13	63.11	Q 30.98	NA2O+K2O 4.65 SiO2 67.13 SUBALKALINE
Al2O3	14.50	15.86	17.57	C 5.77	
Fe2O3	4.64	2.06	1.45	OR 18.51	OLA 18.17 NEA 14.32 QA 67.50 SUBALKALINE
FeO	0.00	2.72	2.14	AB 14.25	
CaO	2.46	2.69	2.71	AN 13.11	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.93	4.30	6.02	LC 0.00	
Na2O	1.43	1.56	2.85	NE 0.00	A 34.40 F 33.79 M 31.81 THOLEIITIC
K2O	2.82	3.08	3.70	KP 0.00	Al2O3 15.86 NORM PLAG 47.92 CALC-ALKALINE
TiO2	0.38	0.42	0.29	AC 0.00	
P2O5	0.06	0.07	0.05	DI 0.00	AN 20.58 ABA 31.06 OR 40.35 K-RICH SERIES
MnO	0.11	0.12	0.10	HE 0.00	CI 17.23 NORM PLAG 47.92 ANDESITE
S	0.00	0.00	0.00	EN 12.04	
NiO	0.00	0.00	0.00	FS 2.42	
Cr2O3	0.00	0.00	0.00	FO 0.00	JENSEN CALC-ALKALINE ANDESITE
CO2	0.00	0.00	0.00	FA 0.00	Al 63.73 Fe 14.43 Mg 21.84
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	7.38	0.00	0.00	MT 2.18	COLOR INDEX : 17.33
TOTAL	91.44	100.00	100.00	IL 0.59	HASHIMOTO INDEX : 63.44
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.46	
				CPX 0.00	
				ABA 14.25	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 525.00:CU 20.00:ZN 60.00:NI 20.00:RB 91.00:SR 128.00:Y 20.00:Zr 92.00:NB 20.00:

COMMENTS : CALCAREOUS

REPORT #2000

SAMPLE ID # VA14051

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 780.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS
SiO2	47.47	53.86	51.85	Q 17.91
Al2O3	14.12	16.02	18.18	C 11.41
Fe2O3	17.54	2.21	1.60	DR 11.16
FeO	0.00	15.92	12.81	AB 1.91
CaO	1.88	2.13	2.20	AN 10.38
MgO	6.26	7.10	10.19	LC 0.00
Na2O	0.18	0.20	0.38	NE 0.00
K2O	1.60	1.82	2.23	KP 0.00
TiO2	0.45	0.51	0.37	AC 0.00
P2O5	0.08	0.09	0.07	DI 0.00
MnO	0.12	0.14	0.11	HE 0.00
S	0.00	0.00	0.00	EN 20.38
NiO	0.00	0.00	0.00	FS 23.51
Cr2O3	0.00	0.00	0.00	ED 0.00
CO2	0.00	0.00	0.00	FA 0.00
H2O+	0.00	0.00	0.00	WD 0.00
H2O-	0.00	0.00	0.00	LN 0.00
LOI	7.67	0.00	0.00	MT 2.40
TOTAL	88.14	100.00	100.00	IL 0.74
				CR 0.00
				HM 0.00
				AP 0.20
				PD 0.00
				NS 0.00
				KS 0.00
				RU 0.00
				AG 0.00
				OL 0.00
				OPX 43.89
				CPX 0.00
				ABA 1.91

CLASSIFICATIONS AND INDICES					
NA2O+K2O	2.02	SiO2	53.86	SUBALKALINE	
OLA	57.67	NEA	1.79	QA	46.54
CPX	0.00	OL	0.00	OPX	100.00
A	7.47	F	66.25	M	26.28
Al2O3	16.02	NORM	PLAG	84.49	THOLEITIC
AN	44.28	ABA	8.13	DR	47.59
CI	47.03	NORM	PLAG	84.49	BASALT

JENSEN HIGH IRON THOLEITIC BASALT
 AL 42.02 FE 34.43 MG 23.55

COLOR INDEX : 47.03
 WASHINGTON INDEX : 79.23

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,DS,RH,RU,HG (P.P.B.)

BA 343.00:CU 1970.00:ZN 2320.00:NI 20.00:RB 43.00:SR 62.00:Y 20.00:ZR 86.00:NB 20.00:

COMMENTS :

==== P A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:24:39

SAMPLE ID # VA14052

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 780.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20% , PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NDRMS	CLASSIFICATIONS AND INDICES						
SiO2	45.77	51.32	48.78	Q	17.22	NA2O+K2O	2.16	SiO2	51.32	SUBALKALINE		
Al2O3	17.04	19.11	21.41	C	18.34	OLA	53.48	NEA	1.25	Q*	45.28	SUBALKALINE
Fe2O3	16.93	2.39	1.71	OR	12.25	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	14.93	11.87	AB	1.34	A	7.72	F	60.90	M	31.38	THOLEIITIC
CaO	0.31	0.35	0.35	AN	0.87	Al2O3	19.11	NDRM	PLAG	39.20	CALC-ALKALINE	
MgO	7.85	8.80	12.47	LC	0.00	AN	5.99	ABA	9.29	OR	84.72	K-RICH SERIES
Na2O	0.13	0.15	0.27	NE	0.00	CI	49.69	NDRM	PLAG	39.20	BASALT	
K2O	1.80	2.02	2.45	KP	0.00							JENSEN HIGH IRON THOLEIITIC BASALT
TiO2	0.63	0.71	0.50	AC	0.00	Al	44.55	FE	29.49	Mg	25.96	
P2O5	0.12	0.13	0.11	DI	0.00	COLOR INDEX : 49.69						
MnO	0.09	0.10	0.08	HE	0.00	HASHIMOTO INDEX : 95.64						
S	0.00	0.00	0.00	EN	24.94							
NiO	0.00	0.00	0.00	FS	21.18							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.44	0.00	0.00	MT	2.56							
TOTAL	89.19	100.00	100.00	IL	1.01							
				CR	0.00							
				HM	0.00							
				AP	0.29							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	46.12							
				CPX	0.00							
				ABA	1.34							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RH, RU, HG (P.P.B.)

BA 410.00:CU 876.00:ZN 5690.00:NI 20.00:RB 49.00:SR 34.00:Y 20.00:ZR 109.00:NB 20.00:

COMMENTS : CALCAREOUS

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:25:20

SAMPLE ID # VA14053

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 780.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.98	63.11	58.48	Q 25.66	NA20+K2O 4.23 SiO2 63.11 SUBALKALINE
Al2O3	16.29	17.43	19.04	Q 9.80	
Fe2O3	5.25	2.19	1.53	OR 15.07	OLA 27.08 NEA 14.19 QA 58.72 SUBALKALINE
FeO	0.00	3.08	2.39	AB 15.09	
CaO	1.64	1.75	1.74	AN 8.01	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.91	7.39	10.21	LC 0.00	
Na2O	1.57	1.68	3.02	NE 0.00	A 25.35 F 30.31 M 44.34 THOLEIITIC
K2O	2.38	2.55	3.01	KP 0.00	AL2O3 17.43 NORM PLAS 34.68 CALC-ALKALINE
TiO2	0.55	0.59	0.41	AC 0.00	
P2O5	0.10	0.11	0.08	DI 0.00	AN 20.99 AB* 39.53 OR 39.48 K-RICH SERIES
MnO	0.11	0.12	0.09	HE 0.00	
S	0.00	0.00	0.00	EN 20.42	CI 26.14 NORM PLAS 34.68 ANDESITE
NiO	0.00	0.00	0.00	ES 2.61	
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	JENSEN CALC-ALKALINE BASALT
H2O+	0.00	0.00	0.00	WO 0.00	AL 56.55 FE 13.13 MG 30.33
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	5.64	0.00	0.00	MT 2.29	COLOR INDEX : 26.14
TOTAL	93.46	100.00	100.00	IL 0.82	HASHIMOTO INDEX : 74.32
				CR 0.00	
				HM 0.00	
				AP 0.22	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 23.03	
				CPX 0.00	
				AB* 15.09	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 473.00:CU 311.00:ZN 86.00:NI 20.00:RB 66.00:SR 76.00:Y 24.00:ZK 104.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:26:02

SAMPLE ID # VA14054

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 780.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES								
SiO2	57.01	60.46	55.06	Q	18.47	NA2O+K2O	4.93	SiO2	60.46	SUBALKALINE			
Al2O3	18.07	19.16	20.57	C	11.39	OLA	27.99	NE*	21.28	Q*	50.73	SUBALKALINE	
Fe2O3	4.73	2.26	1.55	OR	12.83	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE	
FeO	0.00	2.48	1.89	AB	24.06	A	27.06	F	24.76	K	48.18	SUBALKALINE	
CaO	0.99	1.05	1.02	AN	4.51	AL2O3			19.16	NORM	PLAG	15.78	SUBALKALINE
MgO	8.28	8.78	11.92	LC	0.00	AN	10.89	AB*	58.12	OR	30.99	ALC-ALKALINE	
Na2O	2.57	2.73	4.81	NE	0.00	CI			28.55	NORM	PLAG	15.78	ALC-ALKALINE
K2O	2.08	2.21	2.57	KP	0.00								ALC-ALKALINE
TiO2	0.63	0.67	0.46	AC	0.00								ALC-ALKALINE
P2O5	0.09	0.10	0.07	DI	0.00								ALC-ALKALINE
MnO	0.10	0.11	0.08	HE	0.00								K-RICH SERIES
S	0.00	0.00	0.00	EN	23.84								K-RICH SERIES
NiO	0.00	0.00	0.00	FS	1.48								K-RICH SERIES
Cr2O3	0.00	0.00	0.00	FO	0.00								K-RICH SERIES
CO2	0.00	0.00	0.00	FA	0.00								K-RICH SERIES
H2O+	0.00	0.00	0.00	WO	0.00								K-RICH SERIES
H2O-	0.00	0.00	0.00	LN	0.00								K-RICH SERIES
LOI	5.27	0.00	0.00	MT	2.32								K-RICH SERIES
TOTAL	94.29	100.00	100.00	IL	0.92								K-RICH SERIES
				CR	0.00								K-RICH SERIES
				HM	0.00								K-RICH SERIES
				AP	0.20								K-RICH SERIES
				PO	0.00								K-RICH SERIES
				NS	0.00								K-RICH SERIES
				KS	0.00								K-RICH SERIES
				RU	0.00								K-RICH SERIES
				AG	0.00								K-RICH SERIES
				OL	0.00								K-RICH SERIES
				OPX	25.32								K-RICH SERIES
				CPX	0.00								K-RICH SERIES
				AB*	24.06								K-RICH SERIES

JENSEN CALC-ALKALINE BASALT
 AL 56.41 FE 10.91 MG 32.68
 COLOR INDEX : 28.55
 HASHIMOTO INDEX : 74.43

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 383.00:CU B4.00:ZN 85.00:NI 20.00:RB 64.00:SR 58.00:Y 20.00:ZR 122.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:26:44

SAMPLE ID : VA14055

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : DEI/COMINCO OPTION
 0.0 N : 0.0 RL : 780.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION X								
SiO2	63.75	67.24	62.27	Q	28.71	NA2O+K2O	5.37	STD2	67.24	SUBALKALINE		
Al2O3	15.94	16.81	18.35	C	7.86	OLA	14.90	NEA	22.91	QA	62.19	SUBALKALINE
Fe2O3	3.49	2.17	1.51	OR	14.53	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.36	1.05	AB	26.13	A	39.46	F	24.34	K	36.20	CALC-ALKALINE
CaO	1.26	1.33	1.32	AN	5.90	AL2O3	16.81	NORM	PLAG	18.43	CALC-ALKALINE	
MgO	4.67	4.93	5.80	LC	0.00	AN	12.68	AB*	56.12	OR	31.21	K-RICH SERIES
Na2O	2.76	2.91	5.23	NE	0.00	CI	16.65	NORM	PLAG	18.43	DACITE	
K2O	2.33	2.46	2.91	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.56	0.59	0.41	AC	0.00	AL	65.07	FE	10.82	MG	24.11	
P2O5	0.10	0.11	0.08	DI	0.00	COLOR INDEX : 16.65						
MnO	0.09	0.09	0.07	HE	0.00	HASHIMOTO INDEX : 63.52						
S	0.00	0.00	0.00	EN	13.60							
NiO	0.00	0.00	0.00	FS	0.00							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.19	0.00	0.00	MT	2.14							
TOTAL	94.81	100.00	100.00	IL	0.82							
				CR	0.00							
				HM	0.09							
				AP	0.22							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.60							
				CPX	0.00							
				AB*	26.13							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 434.00:CU 63.00:ZN 57.00:NI 20.00:RB 76.00:SR 78.00:Y 20.00:ZR 107.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-AUG-90
 16:27:25

SAMPLE ID # VAL4056

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-95
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 780.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE , LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% , LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-JUL-90
 DATE : 19-JUL-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.01	66.30	61.75	Q 31.15	NA20+K20 4.50 SiO2 66.30 SUBALKALINE
Al2O3	15.79	16.61	18.24	C 10.66	
Fe2O3	5.52	2.17	1.52	UR 13.46	OL* 20.31 NE* 17.23 GA 62.46 SUBALKALINE
FeO	0.00	3.28	2.55	AB 20.24	
CaO	0.52	0.55	0.55	AN 2.11	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.55	5.84	8.11	LC 0.00	
Na2O	2.13	2.24	4.05	NE 0.00	A 28.92 P 33.57 M 37.51 THOLEIITIC
K2O	2.15	2.26	2.69	KP 0.00	
TiO2	0.56	0.59	0.41	AC 0.00	Al2O3 16.61 NORM PLAG 9.43 CALC-ALKALINE
P2O5	0.09	0.09	0.07	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 5.89 AB* 56.53 OR 37.59 K-RICH SERIES
S	0.00	0.00	0.00	EN 16.21	
NiO	0.00	0.00	0.00	ES 2.88	C1 22.19 NORM PLAG 9.43 DACITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 59.05 FE 14.70 MG 26.24
LOI	4.25	0.00	0.00	MT 2.38	
TOTAL	95.04	100.00	100.00	IL 0.83	COLOR INDEX : 22.19 HASHIMOTO INDEX : 74.40
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 19.09	
				CPX 0.00	
				AB* 20.24	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, DS, RH, RU, HG (P.P.B.)

BA 451.00:CU 119.00:ZN 249.00:NI 20.00:RB 60.00:SR 57.00:Y 20.00:ZR 114.00:NB 25.00:

COMMENTS : CALCAREOUS
 <1% PYRITE, TRACE GALENA

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:42:41

SAMPLE ID # VA14057

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 974.4
 DDH : DUCANEX-5 START DEPTH : 34.20 END DEPTH : 37.20

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,5-20% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.26	64.03	65.21	0	NA2O+K2O 3.06 SiO2 68.09 SUBALKALINE
Al2O3	13.88	15.17	17.14	0	
Fe2O3	7.07	2.15	1.55	OR	DIA 22.96 NEA 0.10 OA 76.94 SUBALKALINE
FeO	0.00	5.01	4.02	AB	
CaO	1.32	1.44	1.48	AN	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.04	4.41	6.31	LC	
Na2O	0.01	0.01	0.02	NE	A 21.21 F 48.19 K 30.60 THOLEIITIC
K2O	2.79	3.05	3.73	KP	
TiO2	0.47	0.51	0.37	AC	AL2O3 15.17 NORM PLAG 98.53 THOLEIITIC
P2O5	0.08	0.09	0.07	DI	
MnO	0.11	0.12	0.10	HE	AN 26.64 ABA 0.40 OR 72.96 K-RICH SERIES
S	0.00	0.00	0.00	SN	
NiO	0.00	0.00	0.00	FS	CI 21.62 NORM PLAG 98.53 BASALT
Cr2O3	0.00	0.00	0.00	FO	
CoO	0.00	0.00	0.00	FA	
H2O+	0.00	0.00	0.00	WO	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN	AL 58.12 FE 20.49 MG 21.39
LOI	4.92	0.00	0.00	MT	
				IL	
TOTAL	91.52	100.00	100.00	CR	COLOR INDEX : 21.62
				HM	HASHIMOTO INDEX : 83.70
				AP	
				PO	
				NS	
				KS	
				RU	
				AG	
				OL	
				OPX	18.55
				CPX	0.00
				ABA	0.10

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 820.00:CU 543.00:ZN 4820.00:NI 20.00:RB 70.00:SK 45.00:Y 22.00:ZR 81.00:ND 20.00:

COMMENTS : WEATHERED CORE

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:43:24

SAMPLE ID # VA14058

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BST/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 974.4
 DDH : BUCANEX-5 START DEPTH : 38.40 END DEPTH : 41.40

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 5-20% PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.60	64.61	62.10	Q	34.69	NA2O+K2O	3.37	SiO2	64.61	SUBALKALINE		
Al2O3	14.08	15.32	17.59	C	9.11	OLA	38.31	NEA	0.33	QA	71.97	SUBALKALINE
Fe2O3	9.18	2.19	1.59	OR	20.51	EPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	7.13	5.73	AB	0.31	A	20.31	F	54.81	H	24.88	THOLEIITIC
CaO	2.02	2.23	2.29	AN	10.80	AL2O3	15.52	NORM	PLAG	97.22	THOLEIITIC	
MgO	3.75	4.13	5.92	LC	0.00	AN	34.15	ABA	0.98	OR	64.87	K-RICH SERIES
Na2O	0.03	0.03	0.06	NE	0.00	CI	24.38	NORM	PLAG	97.22	BASALT	
K2O	3.03	3.34	4.10	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.49	0.54	0.39	AC	0.00	AL	56.09	FR	25.02	MG	18.89	
P2O5	0.09	0.10	0.08	DI	0.00	COLOR INDEX : 24.38						
MnO	0.15	0.17	0.13	HE	0.00	WASHINGTON INDEX : 76.78						
S	0.00	0.00	0.00	EN	11.85							
NiO	0.00	0.00	0.00	ES	9.37							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.60	0.00	0.00	HT	2.38							
TOTAL	90.70	100.00	100.00	IL	0.78							
				CR	0.00							
				HM	0.00							
				AP	0.22							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				QL	0.00							
				OPX	21.22							
				CPX	0.00							
				AB*	0.31							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 899.00:CU 203.00:ZN 355.00:NI 20.00:RB 70.00:SK 61.00:Y 20.00:ZR 72.00:WB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:44:05

SAMPLE ID # VAI4059

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 DOH : DUCANEX-5 START DEPTH : 46.02 END DEPTH : 46.16

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20%, PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	67.85	73.22	71.21	Q	52.30	NA20+K20	3.17	SF02	73.22	SUBALKALINE		
Al2O3	12.14	13.10	15.02	C	10.48	OLA	14.76	NE*	0.28	QA	84.96	SUBALKALINE
Fe2O3	7.40	2.06	1.51	OR	19.50	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	5.33	4.34	AB	0.31	A	25.30	F	57.31	M	17.39	THOLEIITIC
CaO	0.35	0.38	0.39	AN	1.45	AL2O3	13.10	NORM	PLAG	82.60	THOLEIITIC	
MgO	2.02	2.18	3.16	LC	0.00	AN	6.81	ABA*	1.44	OR	91.75	K-RICH SERIES
Na2O	0.03	0.03	0.06	NE	0.00	CI	15.80	NORM	PLAG	82.60	BASALT	
K2O	2.91	3.14	3.90	KP	0.00	JENSEN	THOLEIITIC	DACITE				
TiO2	0.41	0.44	0.32	AC	0.00	AL	61.62	FE	25.42	MG	12.96	
P2O5	0.07	0.08	0.06	DI	0.00	COLOR INDEX :	15.80					
MnO	0.03	0.03	0.03	FE	0.00	HASHIOTO INDEX :	92.84					
S	0.00	0.00	0.00	EM	6.32							
NiO	0.00	0.00	0.00	ES	6.57							
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	EG	0.00							
H2O-	0.00	0.00	0.00	EN	0.00							
LDI	5.43	0.00	0.00	EW	2.26							
TOTAL	92.66	100.00	100.00	EX	0.65							
				FR	0.00							
				FS	0.00							
				FT	0.17							
				GA	0.00							
				GB	0.00							
				GC	0.00							
				GD	0.00							
				GE	0.00							
				GF	0.00							
				GH	0.00							
				GI	0.00							
				GJ	0.00							
				GK	0.00							
				GL	0.00							
				GM	0.00							
				GN	0.00							
				GO	0.00							
				GP	0.00							
				GQ	0.00							
				GR	0.00							
				GS	0.00							
				GT	0.00							
				GU	0.00							
				GV	0.00							
				GW	0.00							
				GX	0.00							
				GY	0.00							
				GZ	0.00							
				HA	0.31							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 921.00:CU 486.00:ZN 2710.00:NI 20.00:RH 77.00:SK 42.00:Y 20.00:ZR 76.00:NI 20.00:

COMMENTS : PREVIOUSLY SPLIT CORE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:44:46

SAMPLE ID # VA14060

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 DBM : DUCANEX-S START DEPTH : 48.46 END DEPTH : 51.21

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS, 1-5Z, PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	67.19	72.49	70.23	Q	51.27	NA2O+K2O	3.82	SiO2	72.49	SUBALKALINE		
Al2O3	13.93	15.03	17.16	C	12.13	OLA	11.11	NEA	0.10	QA	80.79	SUBALKALINE
Fe2O3	6.17	2.13	1.55	OR	23.56	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.08	3.30	AA	0.10	A	33.52	F	52.56	K	13.92	THOLEIITIC
CaO	0.24	0.26	0.27	AN	0.75	AL2O3		15.03	NORM	PLAG	88.14	THOLEIITIC
MgO	1.47	1.59	2.29	LC	0.00	AN	3.08	ABA	0.41	OR	96.50	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CJ		12.00	NORM	PLAG	88.14	BASALT
K2O	3.53	3.81	4.71	KP	0.00	JENSEN THOLEIITIC DACITE						
TiO2	0.47	0.51	0.37	AC	0.00	AL	69.50	FE	21.22	MG	9.27	
P2O5	0.08	0.09	0.07	DI	0.00	COLOR INDEX : 12.00						
MnO	0.02	0.02	0.02	HE	0.00	HASHIMOTO INDEX : 95.24						
S	0.00	0.00	0.00	SN	4.58							
NiO	0.00	0.00	0.00	FS	4.35							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	MD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.10	0.00	0.00	HI	2.32							
TOTAL	92.69	100.00	100.00	IL	0.74							
				CR	0.00							
				HM	0.00							
				AP	0.19							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.93							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, QS, RN, RU, HG (P.P.B.)

BA 1065.00:CU 719.00:ZN 3110.00:NI 20.00:RB 77.00:SR 49.00:Y 20.00:ZK 81.00:WB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:45:28

SAMPLE ID + VA14061

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT + X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DBH : DUCANEX-5

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 N : 0.0 EL : 914.4
 START DEPTH : 55.17 END DEPTH : 58.17

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,DESILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NDRMS	CLASSIFICATIONS AND INDICES						
SiO2	59.60	65.33	61.55	Q	29.54	NA2O+K2O	4.23	SiO2	65.33	SUBALKALINE		
Al2O3	15.16	16.62	18.45	C	5.72	OLA	19.9)	MFA	12.74	OK	67.35	SUBALKALINE
Fe2O3	5.22	2.14	1.52	DR	17.54	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.23	2.54	AB	12.01	A	31.01	F	37.74	K	31.25	THOLEIITIC
CaO	3.18	3.49	3.52	AN	16.94	Al2O3	16.62	NORH	PLAG	58.51	THOLEIITIC	
MgO	3.89	4.26	5.99	LC	0.00	AN	36.43	ABA	25.84	OR	37.73	K-RICH SERIES
Na2O	1.20	1.32	2.40	NE	0.00	Cl	17.99	NORH	PLAG	58.5)	BASALT	
K2O	2.66	2.92	3.51	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.45	0.49	0.35	AC	0.00	AL	63.78	FE	15.53	MG	20.69	
P2O5	0.09	0.10	0.08	DI	0.00	COLOR INDEX :	17.99					
HNO	0.10	0.11	0.09	HE	0.00	HASHIMOTO INDEX :	59.93					
S	0.00	0.00	0.00	EN	11.97							
NiO	0.00	0.00	0.00	ES	3.04							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.44	0.00	0.00	MT	2.27							
TOTAL	91.22	100.00	100.00	IL	0.70							
				CR	0.00							
				HM	0.00							
				AP	0.31							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	15.02							
				CPX	0.00							
				ABA	12.01							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,R3,RU,MO (P.P.B.)

BA 741.00:CU 42.00:ZN 201.00:NI 20.00:RB 68.00:SK 97.00:Y 20.00:ZR 74.00:WB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:46:09

SAMPLE ID # VA14062

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : DUCANEX-5

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 START DEPTH : 65.05
 END DEPTH : 68.05

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,DESILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	56.23	64.21	60.60	Q	28.82
Al2O3	14.37	16.41	18.26	C	4.95
Fe2O3	5.75	2.20	1.57	DR	14.32
FeO	0.00	3.92	3.10	AB	9.72
CaO	3.77	4.30	4.35	AN	21.24
MgO	4.26	4.86	6.84	LC	0.00
Na2O	0.93	1.06	1.94	NE	0.00
K2O	2.08	2.38	2.86	KP	0.00
TiO2	0.43	0.49	0.35	AC	0.00
P2O5	0.07	0.08	0.06	OC	0.00
MnO	0.07	0.08	0.06	HE	0.00
S	0.00	0.00	0.00	EN	13.69
NiO	0.00	0.00	0.00	ES	4.06
CR2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	9.24	0.00	0.00	MT	2.35
TOTAL	87.58	100.00	100.00	IL	0.70
				CR	0.00
				HM	0.00
				AP	0.17
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	17.75
				CPX	0.00
				ABA	9.72

CLASSIFICATIONS AND INDICES					
NA2O+K2O	3.44	SiO2	64.21	SUBALKALINE	
DL*	23.65	NE*	10.36	Q*	65.99
CPX	0.00	OL	0.00	OPX	100.00
A	24.19	P	41.58	K	34.23
AL2O3	16.41	NORM PLAG	68.61	THOLEIITIC	
AN	46.97	AB*	21.46	OR	31.62
Cl	20.79	NORM PLAG	68.61	BASALT	

JENSEN CALC-ALKALINE ANDESITE
 AL 60.50 FR 16.82 MG 22.68

COLOR INDEX : 20.79
 WASHINGTON INDEX : 57.43

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 494.00:CU 44.00:ZN 57.00:NI 20.00:RB 55.00:SR 101.00:Y 20.00:ZR 71.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:46:09

SAMPLE ID # VA14062

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : DUCANEX-S

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 N : 0.0 EL : 914.4
 START DEPTH : 65.05 END DEPTH : 68.05

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,DESILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	56.23	64.21	60.60	Q	28.82	NA2O+K2O	3.44	SiO2	64.21	SUBALKALINE		
Al2O3	14.37	16.41	18.26	C	4.95	OLA	23.65	NEA	10.36	GA	65.99	SUBALKALINE
Fe2O3	5.75	2.20	1.57	OR	14.32	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.92	3.10	AB	9.72	A	24.19	F	41.58	K	34.23	THOLEIITIC
CaO	3.77	4.30	4.35	AN	21.24	AL2O3	16.41	NORM	PLAG	68.61	THOLEIITIC	
MgO	4.26	4.86	6.84	LC	0.00	AN	46.91	ABA	21.46	OR	31.62	K-RJCH SERIES
Na2O	0.93	1.06	1.94	NE	0.00	CI	20.79	NORM	PLAG	68.61	BASALT	
K2O	2.08	2.38	2.86	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.43	0.49	0.35	AC	0.00	AL	60.50	FR	16.82	MG	22.68	
P2O5	0.07	0.08	0.06	DI	0.00	COLOR INDEX : 20.79						
MnO	0.07	0.08	0.06	HE	0.00	WASHINGTON INDEX : 57.43						
S	0.00	0.00	0.00	EN	13.69							
NiO	0.00	0.00	0.00	FS	4.06							
Cr2O3	0.00	0.00	0.00	ED	0.00							
Co2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	9.24	0.00	0.00	MT	2.35							
TOTAL	87.58	100.00	100.00	IL	0.70							
				CR	0.00							
				HM	0.00							
				AP	0.17							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.75							
				CPX	0.00							
				ABA	9.72							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 494.00:CU 44.00:ZN 57.00:NI 20.00:RB 55.00:SR 101.00:Y 20.00:ZR 71.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I . I . D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:46:51

SAMPLE ID # VA14063

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 DDH : DUCANEX-5 START DEPTH : 71.40 END DEPTH : 74.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,DESILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 07-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	62.97	68.62	65.13	Q	40.15	NA2O+K2O	4.08	SiO2	68.62	SUBALKALINE		
Al2O3	15.46	16.95	18.95	C	10.40	OLA	15.39	NEA	5.76	QA	78.85	SUBALKALINE
Fe2O3	4.36	2.16	1.54	OR	21.07	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.33	1.85	AR	5.51	A	34.02	F	35.69	M	30.29	THOLEIITIC
CaO	1.52	1.66	1.68	AN	7.84	Al2O3	16.85	NORM PLAG	58.70			CALC-ALKALINE
MgO	3.33	3.63	5.13	LC	0.00	AN	22.77	ABA	16.02	OR	61.21	K-RICH SERIES
Na2O	0.55	0.60	1.10	NE	0.00	D	14.85	NORM PLAG	58.70			BASALT
K2O	3.19	3.48	4.21	KP	0.00							
TiO2	0.48	0.52	0.37	AC	0.00							
P2O5	0.08	0.09	0.07	OT	0.00							
MnO	0.06	0.07	0.05	HE	0.00							
S	0.00	0.00	0.00	EN	10.27							
NiO	0.00	0.00	0.00	FS	1.52							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.27	0.00	0.00	MT	2.31							
TOTAL	91.76	100.00	100.00	IL	0.75							
				CR	0.00							
				HM	0.00							
				AP	0.19							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	11.79							
				CPX	0.00							
				ABA	5.51							

JENSEN CALC-ALKALINE ANDESITE
 AL 67.80 FE 13.74 MG 18.46
 COLOR INDEX : 14.85
 NASHIMOTO INDEX : 75.90

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,3H,RU,HG (P.P.B.)

BA 752.00:CU 45.00:ZN 79.00:NI 20.00:RD 73.00:SR 80.00:Y 20.00:ZR 76.00:NB 20.00:

COMMENTS :

=== FALCONBRIDGE LTD ===
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:48:18

SAMPLE ID # VA14065

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EI : 941.8
 DDN : DUCANEX-3 START DEPTH : 95.00 END DEPTH : 98.30

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.25	64.50	61.57	Q	33.89	NA20+K20	2.92	SiO2	64.50	SUBALKALINE		
Al2O3	14.39	15.15	17.05	C	11.59	OL*	28.41	NE*	9.02	QA	62.57	SUBALKALINE
Fe2O3	11.40	1.99	1.43	OR	10.66	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	9.01	7.19	AR	10.82	A	15.47	F	57.28	H	27.25	THOLEIITIC
CaO	0.62	0.65	0.67	AN	2.91	AL2O3	15.15	NORM	PLAG	21.22		CALC-ALKALINE
MgO	4.88	5.14	7.31	LC	0.00	AN	11.94	ANA	44.36	OR	43.70	K-RICH SERIES
Na2O	1.11	1.17	2.16	NE	0.00	CJ	30.00	NORM	PLAG	21.22		ANDESITE
K2O	1.66	1.75	2.13	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.39	0.41	0.29	AC	0.00	AL	51.02	FE	27.10	MG	21.88	
P2O5	0.06	0.06	0.05	OT	0.00	COLOR INDEX : 30.00						
MnO	0.16	0.17	0.14	BE	0.00	HASHIMOTO INDEX : 79.08						
S	0.00	0.00	0.00	SN	14.62							
NiO	0.00	0.00	0.00	FS	12.64							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.89	0.00	0.00	MT	2.14							
TOTAL	94.97	100.00	100.00	IL	0.59							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	27.26							
				CPX	0.00							
				ABA	10.82							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1061.00:CU 163.00:ZN 126.00:NJ 20.00:RB 47.00:SR 65.00:Y 20.00:ZR 62.00:ND 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:49:02

SAMPLE ID # VAI4066

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 0.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	70.91	71.77	67.52	Q	31.97	NA2O+K2O	7.30	SiO2	71.77	SUBALKALINE		
Al2O3	14.50	14.68	16.37	C	3.32	Ca	3.10	Na2O	26.70	Ca	70.20	SUBALKALINE
Fe2O3	3.45	1.94	1.38	OR	25.60	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.39	1.10	AB	27.69	A	64.93	F	27.96	M	7.11	CALC-ALKALINE
CaO	1.40	1.42	1.43	AN	5.73	Al2O3	14.68	NORM PLAG	17.14			CALC-ALKALINE
MgO	0.79	0.80	1.12	LC	0.00	AN	9.71	ABA	46.92	OR	43.90	K-RICH SERIES
Na2O	3.00	3.04	5.54	NE	0.00	S	0.00					
K2O	4.21	4.26	5.12	KP	0.00	NiO	0.00					
TiO2	0.42	0.43	0.30	AC	0.00	CR2O3	0.00					
P2O5	0.21	0.21	0.17	DI	0.00	CO2	0.00					
MnO	0.07	0.07	0.06	HE	0.00	H2O+	0.00					
S	0.00	0.00	0.00	EN	2.24	H2O-	0.00					
NiO	0.00	0.00	0.00	FS	0.33	LOI	0.60					
CR2O3	0.00	0.00	0.00	FD	0.00	TOTAL	99.81	100.00	100.00			
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	0.60	0.00	0.00	LI	2.06							
				IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.45							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.57							
				CPX	0.00							
				ABA	27.69							

JENSEN CALC-ALKALINE RHYOLITE
 AL 80.47 FE 13.99 MG 5.54
 COLOR INDEX : 5.24
 HASHIMOTO INDEX : 53.19

TRACE ELEMENTS (P.P.M.) AU, BE, PT, PB, IR, OS, RH, RU, HG (P.P.B.)

BA 536.00:CU 20.00:ZN 77.00:NJ 20.00:RB 187.00:SR 130.00:Y 31.00:ZR 150.00:NB 20.00:

COMMENTS : STANDARD GI-A;

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:50:13

SAMPLE ID → VA14067

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT → X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT * 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 941.8
 DDH : DUCANEX-3 START DEPTH : 91.69 END DEPTH : 93.88

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	76.07	78.56	75.23	Q	53.55	NA2O+K2O	4.00	SiO2	78.56	SUBALKALINE		
Al2O3	11.70	12.08	13.64	C	5.97	OLA	5.23	NEA	10.80	Q*	83.97	SUBALKALINE
Fe2O3	2.68	1.64	1.18	OR	15.98	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	1.01	0.81	AB	12.85	A	49.42	F	30.79	M	19.79	THOLEIITIC
CaO	0.91	0.94	0.96	AN	4.75	AL2O3	12.08	NORM	PLAG	27.00	THOLEIITIC	
MgO	1.55	1.60	2.28	LC	0.00	AN	14.15	ABA	30.26	OR	47.59	K-RICH SERIES
Na2O	1.34	1.38	2.57	NE	0.00	CI	6.88	NORM	PLAG	27.00	DACITE	
K2O	2.53	2.61	3.20	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.09	0.09	0.07	AC	0.00	AL	75.62	FE	11.71	MG	12.67	
P2O5	0.01	0.01	0.01	BC	0.00	COLOR INDEX : 6.88						
MnO	0.06	0.06	0.05	HE	0.00	HASHIMOTO INDEX : 64.45						
S	0.00	0.00	0.00	EN	4.57							
NiO	0.00	0.00	0.00	FS	0.41							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.55	0.00	0.00	MT	1.77							
TOTAL	96.83	100.00	100.00	IL	0.13							
				CR	0.00							
				HM	0.00							
				AP	0.02							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	4.97							
				CPX	0.00							
				ABA*	12.85							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,ZU,HG (P.P.B.)

BA 2138.00:CU 20.00:ZN 20.00:NI 20.00:RB 79.00:SK 70.00:Y 20.00:ZR 69.00:MB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:51:32

SAMPLE ID # VA14068

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 EDH : DUCANEX-1 START DEPTH : 40.90 END DEPTH : 43.75

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRRHOTITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	51.52	57.37	54.67	Q	14.28	NA20+K20	4.81	SiO2	57.37	SUBALKALINE		
Al2O3	15.37	17.12	19.22	C	0.00							
Fe2O3	8.43	2.46	1.76	OR	29.21	OIA	47.96	NEA	0.19	GA	57.86	SUBALKALINE
FeO	0.00	6.23	4.97	AB	0.10							
CaO	6.20	6.90	7.05	AN	33.43	CPX	3.35	OI	0.00	OPX	96.65	SUBALKALINE
MgO	3.54	3.94	5.60	LC	0.00							
Na2O	0.01	0.01	0.02	NE	0.00	A	27.97	F	49.11	N	22.92	THOLEIITIC
K2O	4.31	4.80	5.84	KF	0.00							
TiO2	0.71	0.79	0.57	AC	0.00	AL2O3	17.12	NORM	PLAG	99.69	THOLEIITIC	
P2O5	0.14	0.16	0.13	DI	0.38							
MnO	0.19	0.21	0.17	HE	0.25	AN	53.27	AB*	0.16	OR	46.57	K-RICH SERIES
S	0.00	0.00	0.00	2N	11.01							
NiO	0.00	0.00	0.00	ES	7.25	CI	22.67	NORM	PLAG	99.69	BASALT	
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE	BASALT				
H2O-	0.00	0.00	0.00	LN	0.00	AL	59.53	FE	23.13	MG	17.34	
LOI	6.00	0.00	0.00	MT	2.65							
				IL	1.13							
TOTAL	89.80	100.00	100.00	CR	0.00	COLOR INDEX :	22.67					
				HM	0.00	HASHIMOTO INDEX :	35.83					
				AP	0.34							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				GL	0.00							
				OPX	18.26							
				CPX	0.63							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 794.00:CU 89.00:ZN 76.00:NI 42.00:RB 141.00:SR 226.00:Y 26.00:ZR 161.00:NI 20.00:

COMMENTS : TUFFACEOUS SEDIMENT

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:52:51

SAMPLE ID # UA14069

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : OUCANEX-1

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 0.0 N : 0.0 EL : 914.4
 START DEPTH : 98.78 END DEPTH : 101.40

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLESS, <1% PYRRHOTITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SI02	48.39	56.32	59.66	Q	11.78	NA2O+K2O	4.14	SI02	56.32	SUBALKALINE		
AL2O3	12.97	15.09	16.95	C	0.00							
FE2O3	6.79	2.37	1.70	DR	23.51	DI	6.99	NEA	9.77	GA	83.24	SUBALKALINE
FeO	0.00	4.97	3.96	AB	2.58							
CaO	10.91	12.70	12.96	AN	29.94	CPX	94.91	OL	0.00	OPX	5.09	ALKALINE
MgO	2.86	3.33	4.73	LC	0.00							
NA2O	0.24	0.28	0.52	NE	0.00	A	28.41	F	48.76	M	22.63	THOLEIITIC
K2O	3.32	3.86	4.70	KP	0.00							
TiO2	0.54	0.63	0.45	AC	0.00	AL2O3	15.09	NORM PLAG	91.92			THOLEIITIC
P2O5	0.14	0.16	0.13	OC	17.08							
MnO	0.24	0.28	0.23	HE	10.43	AN	52.93	ABA	4.65	DR	42.42	K-RICH SERIES
S	0.00	0.00	0.00	SN	0.92							
NiO	0.00	0.00	0.00	ES	0.56	CI	32.44	NORM PLAG	91.92			NASALI
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE ANDESITE				
H2O-	0.00	0.00	0.00	LN	0.00	AL	60.50	FE	22.63	MG	16.87	
LOI	9.50	0.00	0.00	MT	2.55							
				IL	0.90							
TOTAL	85.92	100.00	100.00	CR	0.00	COLOR INDEX :	32.44					
				HM	0.00	HASHIMOTO INDEX :	35.66					
				AP	0.35							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	1.48							
				CPX	27.51							
				ABA	2.58							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 581.00:CU 121.00:ZN 87.00:NI 38.00:RB 116.00:SK 330.00:Y 38.00:ZR 138.00:NB 20.00:

COMMENTS : MODERATELY SILICIFIED

REPORT #2000

SAMPLE ID # VA14070

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 DBH : DUCANEX-1 START DEPTH : 105.30 END DEPTH : 107.70

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, DESILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SI02	57.16	65.20	62.65	Q	30.48	NA20+K20	3.74	SI02	65.20	SUBALKALINE		
AL2O3	12.70	14.49	16.41	C	0.42	DLA	23.57	NFA	0.74	QA	76.35	SUBALKALINE
FE2O3	6.35	2.33	1.68	OR	22.89	CPX	0.00	GL	0.00	OPX	100.00	SUBALKALINE
FE0	0.00	4.42	3.96	AS	0.11	A	27.93	F	48.65	H	23.42	TROLEITIC
CAO	4.98	5.68	5.85	AN	28.47	AL2O3	14.49	NORM PLAG	99.63			TROLEITIC
MGO	2.75	3.14	4.49	LC	0.00	AN	55.32	ABA	0.21	OR	44.47	K-RICH SERIES
NA2O	0.01	0.01	0.02	NE	0.00	CI	17.38	NORM PLAG	99.63			HASALT
K2O	3.27	3.73	4.58	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TIO2	0.54	0.62	0.45	AC	0.00	AI	61.21	FE	22.03	MS	16.76	
P2O5	0.10	0.11	0.09	AI	0.00	COLOR INDEX : 17.38						
MNO	0.24	0.27	0.22	HE	0.00	HASHIMOTO INDEX : 54.68						
S	0.00	0.00	0.00	EN	8.98							
NIO	0.00	0.00	0.00	FS	4.98							
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.65	0.00	0.00	MI	2.52							
TOTAL	87.67	100.00	100.00	IL	0.89							
				CR	0.00							
				HM	0.00							
				AP	0.25							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.97							
				CPX	0.00							
				ABA	0.11							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 576.00:CU 315.00:ZN 743.00:NI 25.00:RB 116.00:SR 272.00:Y 26.00:ZK 157.00:ND 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:55:27

SAMPLE ID # VA14071

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 BDH : DUCANEX-1

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 0.0 N : 0.0 EL : 914.4
 START DEPTH : 127.46 END DEPTH : 129.80

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, DESILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRROTHITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	71.42	75.22	79.19	Q	55.12	NA2O+K2O	1.66	SiO2	75.22	SUBALKALINE		
Al2O3	9.82	10.34	11.85	C	6.18	OLA	16.62	NE*	1.07	QA	82.30	SUBALKALINE
Fe2O3	6.84	2.03	1.49	OR	9.48	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.65	3.78	AB	1.29	A	14.20	F	55.32	M	30.47	THOLEIITIC
CaO	1.71	1.80	1.88	AN	8.80	AL2O3	10.34	NORM	PLAG	87.21	THOLEIITIC	
MgO	3.39	3.57	5.17	LC	0.00	AN	44.97	ABA	6.59	OR	48.44	K-RICH SERIES
Na2O	0.13	0.14	0.26	NE	0.00	CT	18.95	NORM	PLAG	87.21	BASALT	
K2O	1.45	1.53	1.90	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.43	0.45	0.33	AC	0.00	AL	52.04	FE	25.24	MG	22.72	
P2O5	0.08	0.08	0.07	DT	0.00	COLOR INDEX : 18.95						
MnO	0.17	0.18	0.15	HE	0.00	HASHIMOTO INDEX : 72.46						
S	0.00	0.00	0.00	EN	10.35							
NiO	0.00	0.00	0.00	ES	5.71							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.56	0.00	0.00	NT	2.23							
TOTAL	94.95	100.00	100.00	IL	0.66							
				CR	0.00							
				HM	0.00							
				AP	0.19							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.06							
				CPX	0.00							
				AB*	1.29							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 645.00:CU 801.00:ZN 112.00:NI 26.00:RE 61.00:SK 86.00:Y 27.00:ZR 122.00:NB 20.00:

COMMENTS : STRONGLY CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:56:46

SAMPLE ID # VA14072

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 DDH : DUCANEX-1 START DEPTH : 129.80 END DEPTH : 130.80

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, FINE, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, DESILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES						
SiO2	66.32	70.62	66.98	B 34.67	NA2O+K2O	4.70	SiO2	70.62	SUBALKALINE		
Al2O3	13.73	14.62	16.34	C 0.57	OL*	6.02	NE*	18.69	Q*	74.39	SUBALKALINE
Fe2O3	3.52	1.92	1.37	OR 16.51	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.65	1.31	AB 18.11	A	48.91	F	35.12	M	15.97	TROLEITIC
CaO	4.17	4.44	4.51	AN 22.13	AL2O3	14.62	NORM PLAG	55.00			TROLEITIC
MgO	1.44	1.53	2.17	LC 0.00	AN	39.00	ABA	31.91	OR	29.09	K-RICH SERIES
Na2O	1.85	1.97	3.62	NE 0.00	CT	7.07	NORM PLAG	55.00			ANDESITE
K2O	2.56	2.73	3.30	KP 0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.30	0.32	0.23	AC 0.00	AL	75.90	FE	14.04	MG	10.06	
P2O5	0.06	0.06	0.05	MI 0.00	COLOR INDEX : 7.87						
MnO	0.14	0.15	0.12	HE 0.00	HASHIMOTO INDEX : 39.92						
S	0.00	0.00	0.00	EN 4.33							
NiO	0.00	0.00	0.00	FS 1.03							
Cr2O3	0.00	0.00	0.00	ED 0.00							
CO2	0.00	0.00	0.00	EA 0.00							
H2O+	0.00	0.00	0.00	WD 0.00							
H2O-	0.00	0.00	0.00	LN 0.00							
LOI	4.71	0.00	0.00	MT 2.05							
TOTAL	93.92	100.00	100.00	IL 0.46							
				CR 0.00							
				HM 0.00							
				AP 0.14							
				PO 0.00							
				NS 0.00							
				KS 0.00							
				RU 0.00							
				AG 0.00							
				OL 0.00							
				OPX 5.36							
				CPX 0.00							
				ABA 18.11							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, RH, RU, MG (P.P.B.)

BA 1483.00:CU 36.00:ZN 40.00:NI 20.00:KB 77.00:SK 157.00:Y 20.00:ZR 110.00:NB 20.00:

COMMENTS : FELSIC DYKE

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:58:05

SAMPLE ID # VA14073

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HDLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : DUCANEX-1

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 132.00
 END DEPTH : 135.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE , CARBONATIZATION , MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 09-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	47.37	52.92	50.97	Q	23.06	Na2O+K2O	0.44	SiO2	52.92	SUBALKALINE		
Al2O3	11.77	13.15	14.93	C	7.17	Ql*	46.46	Ne*	0.31	Q*	53.23	SUBALKALINE
Fe2O3	14.80	4.79	3.47	OR	2.47	CPX	0.00	Ql	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	10.56	8.51	A3	0.31	A	1.73	F	58.98	K	39.29	THOLEIITIC
CaO	3.77	4.21	4.35	AN	18.00	Al2O3	13.15	NORM	PLAG	98.29	THOLEIITIC	
MgO	8.87	9.91	14.22	LC	0.00	AN	86.60	ABA	1.50	GR	11.90	AVERAGE SERIES
Na2O	0.03	0.03	0.06	NE	0.00	CI	47.79	NORM	PLAG	98.29	BASALT	
K2O	0.36	0.40	0.49	KP	0.00	JENSEN HIGH IRON THOLEIITIC BASALT						
TiO2	2.79	3.12	2.26	AC	0.00	Al	34.17	Fe	33.27	Mg	32.56	
P2O5	0.49	0.55	0.45	DI	0.00	COLOR INDEX : 47.79						
MnO	0.32	0.36	0.29	HE	0.00	HASHIMOTO INDEX : 70.84						
S	0.00	0.00	0.00	EN	28.45							
NiO	0.00	0.00	0.00	FS	9.61							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.54	0.00	0.00	MT	5.21							
TOTAL	89.52	100.00	100.00	IL	4.52							
				CR	0.00							
				HM	0.00							
				AP	1.19							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				QL	0.00							
				OPX	38.06							
				CPX	0.00							
				ABA	0.31							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 257.00:CU 814.00:ZN 759.00:NI 142.00:RH 28.00:SR 92.00:Y 22.00:ZK 193.00:NK 23.00:

COMMENTS :

==== F A L C O N B R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 15:59:24

SAMPLE ID + VAI4074

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 914.4
 D011 : DUCANEX-1 START DEPTH : 152.00 END DPTH : 155.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES	
SI02	37.48	43.26	41.29	0	0.00	NA2O+K2O 1.75 SI02 43.26 SUBALKALINE
AL2O3	11.98	13.83	15.56	C	0.00	
FE2O3	16.29	4.77	3.42	OR	9.99	OL* 77.43 NE* 1.68 O* 20.90 SUBALKALINE
FE0	0.00	12.63	10.08	AR	1.07	
CAO	7.93	9.15	9.36	AN	33.36	CPX 17.42 OL 15.38 OPX 67.21 SUBALKALINE
MGO	9.25	10.68	15.19	LC	0.00	
NA2O	0.10	0.12	0.21	NE	0.00	A 5.98 F 57.64 H 36.30 THOLEIITIC
K2O	1.42	1.64	2.00	KP	0.00	
TIO2	2.63	3.04	2.18	AC	0.00	AL2O3 13.83 NORM PLAG 96.90 THOLEIITIC
P2O5	0.47	0.54	0.44	BC	5.49	
MNO	0.30	0.35	0.28	HE	2.34	AN 75.11 ABA 2.40 OR 22.49 K-RICH SERIES
S	0.00	0.00	0.00	EN	21.17	
NIO	0.00	0.00	0.00	FS	9.02	CI 54.41 NORM PLAG 96.90 BASALT
CR2O3	0.00	0.00	0.00	FO	4.84	
CO2	0.00	0.00	0.00	FA	2.06	
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN	0.00	AL 33.31 FE 34.18 MG 32.52
LOI	7.60	0.00	0.00	MT	5.14	
TOTAL	86.63	100.00	100.00	IL	4.36	
				CR	0.00	COLOR INDEX : 54.41
				HM	0.00	HASHIMOTO INDEX : 57.06
				AP	1.17	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RU	0.00	
				AG	0.00	
				QL	6.91	
				OPX	30.19	
				CPX	7.82	
				ABA	1.07	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 517.00:CU 530.00:ZN 252.00:NI 200.00:RB 52.00:SR 230.00:Y 30.00:ZR 199.00:NB 21.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:00:43

SAMPLE ID # VA14075

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : DUCANEX-1

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 162.76 END DEPTH : 165.76

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, FINE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	75.62	78.18	74.53	Q	50.13
Al2O3	11.32	11.70	17.15	C	4.47
Fe2O3	3.00	1.61	1.16	DR	12.71
FeO	0.00	1.34	1.07	AB	19.20
CaO	1.10	1.14	1.16	AN	5.74
MgO	1.67	1.73	2.45	LC	0.00
Na2O	2.01	2.08	3.84	NE	0.00
K2O	2.02	2.09	2.54	KP	0.00
TiO2	0.06	0.06	0.04	AC	0.00
P2O5	0.01	0.01	0.01	DI	0.00
MnO	0.06	0.06	0.05	HE	0.00
S	0.00	0.00	0.00	EN	4.91
NiO	0.00	0.00	0.00	FS	0.99
Cr2O3	0.00	0.00	0.00	FD	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	2.50	0.00	0.00	MT	1.74
				IL	0.09
TOTAL	96.73	100.00	100.00	CR	0.00
				HM	0.00
				AP	0.02
				PD	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	5.90
				CPX	0.00
				ABA	19.20

CLASSIFICATIONS AND INDICES					
Na2O+K2O	4.17	SiO2	78.18	SUBALKALINE	
OLA	5.88	NEA	15.31	QA	78.81
CPX	0.00	OL	0.00	OPX	100.00
A	47.98	F	32.14	M	19.88
Al2O3	11.70	NORM	PLAG	23.01	TIOLEITIC
AN	15.24	ABA	51.00	OR	33.76
CI	7.72	NORM	PLAG	23.01	DACITE

JENSEN CALC-ALKALINE DACITE
 AL 73.37 FE 12.94 MG 13.69

COLOR INDEX : 7.72
 HASHIMOTO INDEX : 54.26

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 2304.00:CU 42.00:ZN 26.00:NI 20.00:RB 63.00:SK 93.00:Y 20.00:ZR 67.00:NB 20.00:

COMMENTS :

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REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
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SAMPLE ID # VA14076

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 950.0
 DDH : DUCANEX-7 START DEPTH : 49.00 END DEPTH : 51.21

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, DESILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, S-20X, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	67.28	72.60	71.08	Q 51.71	NA2O+K2O	3.37	SiO2	72.60	SUBALKALINE
Al2O3	12.15	13.11	15.13	C 10.56	OLA	14.79	NEA	0.10	QA 85.00
Fe2O3	9.03	2.06	1.52	DR 20.98	CPX	0.00	OL	0.00	DPX 100.00
FeO	0.00	6.91	5.66	AB 0.10	A	25.23	F	65.71	M 9.06
CaO	0.21	0.23	0.24	AN 0.89	AL2O3	13.11	NORM	PLAG	89.68
MgO	1.12	1.21	1.76	LC 0.00	AN	4.05	ABA	0.47	DR 95.48
Na2O	0.01	0.01	0.02	NE 0.00	CI	15.66	NORM	PLAG	89.68
K2O	3.11	3.36	4.20	KP 0.00	JENSEN THOLEIITIC DACITE				
TiO2	0.41	0.44	0.33	AC 0.00	AL	61.94	FE	30.84	HG 7.22
P2O5	0.04	0.04	0.04	DI 0.00	COLOR INDEX : 15.66				
MnO	0.03	0.03	0.03	HE 0.00	HASHIMOTO INDEX : 95.06				
S	0.00	0.00	0.00	EM 3.53					
NiO	0.00	0.00	0.00	ES 9.21					
Cr2O3	0.00	0.00	0.00	FO 0.00					
CO2	0.00	0.00	0.00	FA 0.00					
H2O+	0.00	0.00	0.00	WD 0.00					
H2O-	0.00	0.00	0.00	LN 0.00					
LOI	6.15	0.00	0.00	MT 2.28					
TOTAL	92.68	100.00	100.00	IL 0.65					
				DR 0.00					
				HM 0.00					
				AP 0.10					
				PO 0.00					
				NS 0.00					
				KS 0.00					
				RU 0.00					
				AG 0.00					
				OL 0.00					
				OPX 12.73					
				CPX 0.00					
				ABA 0.10					

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 896.00:CU 829.00:ZN 1520.00:NI 20.00:RB 84.00:SR 55.00:Y 20.00:ZR 76.00:NB 20.00:

COMMENTS : PREVIOUSLY SPLITCORE
 MINERALIZED ZONE, BIRK CREEK PYRITE WITH MINOR CPY, SPH, GAL

REPORT #2000

SAMPLE ID # VA14077

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 844.3
 DDH : DUCANEX-2 START DEPTH : 16.00 END DEPTH : 19.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRRHOTITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.65	61.61	58.66	Q 23.65	NA2O+K2O 3.07 SiO2 61.61 SUBALKALINE
Al2O3	12.41	13.50	13.15	C 0.00	
Fe2O3	8.75	3.97	2.13	OR 8.00	OLA 23.28 NEA 16.80 QA 59.92 SUBALKALINE
FeO	0.00	5.89	4.69	AS 16.16	
CaO	5.71	6.21	6.34	AN 25.79	CPX 12.19 OL 0.00 OPX 87.81 SUBALKALINE
MgO	4.32	4.70	6.67	LC 0.00	
Na2O	1.61	1.75	3.23	NE 0.00	A 18.78 F 52.44 M 28.77 THOLEIITIC
K2O	1.21	1.32	1.60	KP 0.00	
TiO2	1.23	1.34	0.96	AC 0.00	AL2O3 13.50 NORM PLAG 61.47 THOLEIITIC
P2O5	0.38	0.41	0.33	DI 1.73	
MnO	0.28	0.30	0.25	HE 0.76	AN 51.63 AB* 32.35 OR 16.02 AVERAGE SERIES
S	0.00	0.00	0.00	EN 12.47	
NiO	0.00	0.00	0.00	FS 5.45	CI 25.51 NORM PLAG 61.47 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 50.77 FE 26.89 MG 22.35
LOI	5.03	0.00	0.00	MT 3.19	
TOTAL	91.95	100.00	100.00	IL 1.92	COLOR INDEX : 25.51 HASHIMOTO INDEX : 43.04
				CR 0.00	
				HK 0.00	
				AP 0.89	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AS 0.00	
				OL 0.00	
				OPX 17.92	
				CPX 2.49	
				AB* 16.16	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 423.00:CU 114.00:ZN 137.00:NI 34.00:RB 47.00:SK 159.00:Y 27.00:ZR 170.00:NB 23.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:04:40

SAMPLE ID # VAI4078

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDW : DUCANEX-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 19.00
 END DEPTH : 22.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20% PYRRHOTITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 08-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	43.01	48.29	46.34	O	5.26	NA2O+K2O	2.82	SiO2	48.29	SUBALKALINE		
Al2O3	12.61	14.16	16.02	C	0.00	OLA	20.09	Na*	31.59	GA	48.32	SUBALKALINE
Fe2O3	12.16	4.68	3.38	OR	8.39	CPX	78.99	OL	0.00	OPX	21.01	ALKALINE
FeO	0.00	8.07	6.48	AB	13.47	A	14.09	F	61.43	H	24.48	THOLEIITIC
CaO	11.56	12.98	13.35	AN	29.10	AL2O3	14.16	NORM	PLAG	68.36	THOLEIITIC	
MgO	4.36	4.90	7.00	LC	0.00	AN	57.10	AB*	26.43	OR	16.47	AVERAGE SERIES
Na2O	1.39	1.45	2.69	NE	0.00	CT	42.03	NORM	PLAG	68.36	RASALT	
K2O	1.22	1.37	1.68	KP	0.00	JENSEN HIGH IRON THOLEIITIC BASALT						
TiO2	2.67	3.00	2.16	AC	0.00	AL	45.39	FE	34.77	MG	19.84	
P2O5	0.71	0.80	0.65	DI	18.28	COLOR INDEX : 42.03						
MnO	0.27	0.30	0.25	HE	7.50	HASHIMOTO INDEX : 30.23						
S	0.00	0.00	0.00	EN	4.86							
NiO	0.00	0.00	0.00	FS	1.99							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.57	0.00	0.00	MT	5.07							
TOTAL	89.06	100.00	100.00	IL	4.33							
				CR	0.00							
				HM	0.00							
				AP	1.73							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	6.86							
				CPX	25.78							
				ABA	13.47							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 698.00:CU 109.00:ZN 179.00:NI 90.00:RB 42.00:SK 287.00:Y 35.00:ZK 270.00:NB 35.00:

COMMENTS :

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REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:06:00

SAMPLE ID # VA14079

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NIS : 0B2M0S
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 944.9
 DDH : DUCANEX-7 START DEPTH : 26.00 END DEPTH : 33.00

FIELD NAME : VOLCANICLASTIC,ALKALIC.
 FINAL NAME :
 ALTERATION : SPOTS ,CHLORITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SX,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.72	67.59	65.03	Q 41.70	NA20+K20 3.46 SiO2 67.59 SUBALKALINE
Al2O3	14.33	15.44	17.51	C 11.85	
Fe2O3	8.28	2.16	1.56	OR 21.19	OLA 22.86 NEA 0.10 OA 77.04 SUBALKALINE
FeO	0.00	6.09	4.90	AB 0.10	
CaO	0.75	0.81	0.83	AN 3.51	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.47	3.74	5.36	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 22.72 F 52.73 M 24.56 THOLEIITIC
K2O	3.20	3.45	4.24	KP 0.00	
TiO2	0.50	0.54	0.39	AC 0.00	Al2O3 15.44 NORM PLAG 97.2 THOLEIITIC
P2O5	0.09	0.10	0.08	DI 0.00	
MnO	0.08	0.09	0.07	HE 0.00	AN 14.14 AB* 0.41 OR 85.45 K-RICH SERIES
S	0.00	0.00	0.00	EN 10.72	
NiO	0.00	0.00	0.00	FS 7.60	CI 21.45 NORM PLAG 97.21 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WG 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 58.78 FE 23.23 MG 18.00
LOI	5.94	0.00	0.00	HT 2.34	
TOTAL	92.80	100.00	100.00	IL 0.78	
				CR 0.00	
				HM 0.00	
				AP 0.21	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				DL 0.00	
				OPX 18.32	
				CPX 0.00	
				AB* 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,SM,RU,NG (P.P.B.)

BA 814.00:CU 265.00:ZN 379.00:NI 20.00:RB 81.00:SR 69.00:Y 23.00:ZR 73.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I . T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:07:18

SAMPLE ID # VA14080

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 RL : 944.9
 DDH : DUCANEX-7 START DEPTH : 82.60 END DEPTH : 85.60

PROJECT # 1147

PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.83	63.49	59.36	Q	23.77	NA2O+K2O	4.00	SiO2	63.49	SUBALKALINE		
Al2O3	15.09	16.28	17.95	C	3.53	OLA	24.15	NBA	16.33	GA	59.52	SUBALKALINE
Fe2O3	5.61	2.12	1.49	OR	13.40	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.54	2.77	AB	15.94	A	26.75	F	36.40	M	36.85	TROLEITIC
CaO	4.06	4.38	4.39	AN	21.38	AL2O3	16.28	NORM	PLAG	57.28	TROLEITIC	
MgO	5.11	5.51	7.68	LC	0.00	AN	42.15	ABA	31.43	OR	26.42	K-RICH SERIES
Na2O	1.63	1.76	3.19	NE	0.00	CI	21.79	NORM	PLAG	57.28	BASALT	
K2O	2.08	2.24	2.68	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.46	0.50	0.35	AC	0.00	AL	59.21	FE	15.43	MG	25.35	
P2O5	0.08	0.09	0.07	DI	0.00	COLOR INDEX : 21.79						
MnO	0.08	0.09	0.07	KE	0.00	HASHIMOTO INDEX : 55.82						
S	0.00	0.00	0.00	ZN	15.37							
NiO	0.00	0.00	0.00	ES	3.49							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.92	0.00	0.00	MT	2.23							
TOTAL	92.66	100.00	100.00	IL	0.70							
				CR	0.00							
				HM	0.00							
				AP	0.18							
				FO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				CPX	18.86							
				CPX	0.00							
				ABA	15.94							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 561.00:CU 40.00:ZN 61.00:NI 20.00:RB 51.00:SR 99.00:Y 20.00:ZR 75.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:08:36

SAMPLE ID # VA14081

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 944.9
 DDH : DUCANEX-7 START DEPTH : 95.10 END DEPTH : 98.10

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS
SiO2	59.82	64.90	61.35	Q	27.34
Al2O3	15.12	16.40	18.28	C	2.24
Fe2O3	5.19	2.12	1.50	OR	17.62
FeO	0.00	3.16	2.50	AE	11.53
CaO	4.75	5.15	5.22	AN	25.52
MgO	3.17	3.44	4.84	LC	0.00
Na2O	1.16	1.26	2.31	NE	0.00
K2O	2.69	2.92	3.52	KP	0.00
TiO2	0.45	0.49	0.35	AC	0.00
P2O5	0.09	0.09	0.07	DI	0.00
MnO	0.07	0.08	0.06	HE	0.00
S	0.00	0.00	0.00	EN	9.69
NiO	0.00	0.00	0.00	FS	2.92
Cr2O3	0.00	0.00	0.00	SO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	6.47	0.00	0.00	MT	2.26
				IL	0.69
TOTAL	92.18	100.00	100.00	CR	0.00
				HM	0.00
				AP	0.19
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	12.61
				CPX	0.00
				ABA	11.53

CLASSIFICATIONS AND INDICES					
NA2O+K2O	4.18	SiO2	64.90	SUBALKALINE	
OLA	18.37	NEA	13.44	QA	68.19
CPX	0.00	OL	0.00	OPX	100.00
A	32.93	F	39.95	M	27.12
Al2O3	16.40	NORM	PLAG	68.88	TIOLEITIC
AN	46.68	ABA	21.09	OR	32.23
CI	15.56	NORM	PLAG	68.88	BASALT

JENSEN CALC-ALKALINE ANDESITE
 AL 66.38 FE 16.03 MG 17.60

COLOR INDEX : 15.56
 WASHINGTON INDEX : 49.79

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 639.00:CU 37.00:ZN 64.00:NI 20.00:RB 57.00:SK 108.00:Y 20.00:ZR 85.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:09:54

SAMPLE ID # VA14082

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 944.9
 DOM : DUCANEX-7 START DEPTH : 115.00 END DEPTH : 118.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : A D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.23	64.37	59.67	Q 18.71	NA2O+K2O 5.52 SiO2 64.37 SUBALKALINE
Al2O3	15.31	16.36	17.68	C 1.26	
Fe2O3	5.32	2.06	1.45	DR 10.31	OLA 15.16 NE* 30.85 GA* 53.99 SUBALKALINE
FeO	0.00	3.24	2.51	AB 33.90	
CaO	3.78	4.04	4.01	AN 19.43	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.49	3.73	5.15	LC 0.00	
Na2O	3.53	3.77	6.78	NE 0.00	A 38.40 F 35.63 M 25.97 THOLEIITIC
K2O	1.63	1.74	2.06	KP 0.00	
TiO2	0.45	0.48	0.34	AC 0.00	AL2O3 16.36 NORM PLAG 36.44 CALC-ALKALINE
P2O5	0.09	0.10	0.08	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 30.53 AB* 53.26 OR 16.20 AVERAGE SERIES
S	0.00	0.00	0.00	EN 10.31	
NiO	0.00	0.00	0.00	FS 3.02	CI 16.18 NORM PLAG 36.44 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 65.27 FE 15.92 MG 18.81
LOI	5.47	0.00	0.00	MT 2.18	
TOTAL	93.56	100.00	100.00	IL 0.67	COLOR INDEX : 16.18 HASHIMOTO INDEX : 41.19
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.32	
				CPX 0.00	
				AR* 33.90	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 622.00:CU 26.00:ZN 53.00:NI 20.00:RB 49.00:SR 150.00:Y 29.00:ZR 102.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:11:13

SAMPLE ID # VA14083

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDN : DUCAMEX-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINED OPTION
 START DEPTH : 12.00
 END DEPTH : 15.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CONTINCO

DATE : 10-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.68	64.18	58.85	Q	13.12	NA2O+K2O	6.39	SiO2	64.18	SUDALKALINE		
Al2O3	15.17	16.05	17.34	C	0.00	OL*	11.18	NE*	40.27	OK*	48.55	SUBALKALINE
Fe2O3	5.28	2.06	1.42	DR	5.14	CPX	19.29	OL	0.00	OPX	80.71	SUBALKALINE
FeO	0.00	3.17	2.43	AB	48.98	A	43.17	F	33.96	K	22.87	THOLEIITIC
CaO	3.88	4.10	4.03	AN	16.29	AL2O3	16.05	NORM	PLAG	24.96	CALC-ALKALINE	
MgO	3.20	3.38	4.63	LC	0.00	AN	23.14	AB*	69.56	OK	7.30	AVERAGE SERIES
Na2O	5.21	5.51	9.80	NE	0.00	CJ	16.27	NORM	PLAG	24.96	ANDESITE	
K2O	0.83	0.88	1.03	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.45	0.48	0.33	AC	0.00	AL	66.73	FE	16.23	MG	17.64	
P2O5	0.09	0.10	0.07	GI	1.97	COLOR INDEX : 16.37						
MnO	0.09	0.10	0.07	HE	0.63	WASHINGTON INDEX : 30.72						
S	0.00	0.00	0.00	EN	8.26							
NiO	0.00	0.00	0.00	FS	2.62							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.04	0.00	0.00	MT	2.13							
TOTAL	94.55	100.00	100.00	IL	0.66							
				CR	0.00							
				HM	0.00							
				AP	0.20							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.88							
				CPX	2.60							
				AB*	48.98							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, DS, RH, RU, HG (P.P.B.)

BA 386.00:CU 20.00:ZN 43.00:NI 20.00:KB 29.00:SK 226.00:Y 25.00:ZR 101.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:18:07

SAMPLE ID # VA14085

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 1035.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	70.00	73.18	69.76	Q 41.90	NA2O+K2O 5.21 STO2 73.18 SUBALKALINE
Al2O3	13.41	14.02	15.75	C 5.42	
Fe2O3	4.26	2.05	1.47	OR 19.47	OLA 5.34 NE* 17.70 OA* 77.56 SUBALKALINE
FeO	0.00	2.16	1.72	AB 18.55	
CaO	1.46	1.53	1.56	AN 6.97	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.07	1.12	1.59	LC 0.00	
Na2O	1.92	2.01	3.71	NE 0.00	A 50.39 F 38.78 M 10.83 THOLEIITIC
K2O	3.06	3.20	3.89	K2 0.00	
TiO2	0.46	0.48	0.34	AC 0.00	AL2O3 14.02 NORM PLAG 26.85 THOLEIITIC
P2O5	0.14	0.15	0.12	DT 0.00	
MnO	0.10	0.10	0.08	HE 0.00	AN 15.79 AB* 41.37 OR 43.44 K-RICH SERIES
S	0.00	0.00	0.00	EM 3.18	
NiO	0.00	0.00	0.00	FS 1.46	CI 7.53 NORM PLAG 26.85 DACITE
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 25.13 FE 17.29 MG 7.53
LOI	3.90	0.00	0.00	HT 2.20	
TOTAL	95.65	100.00	100.00	IL 0.69	COLOR INDEX : 7.53
				CR 0.00	WASHIMOTO INDEX : 54.99
				HM 0.00	
				AP 0.32	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.64	
				CPX 0.00	
				AB* 18.55	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HR (P.P.B.)

BA 1119.00:CU 23.00:ZN 59.00:NI 44.00:RE 116.00:SR 783.00:Y 62.00:Zr 479.00:NB 32.00:

COMMENTS : CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:18:48

SAMPLE ID # VA14086

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E1 : 1035.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS WT %	ANHYDROUS CATION %									
SiO2	70.53	70.99	66.58	Q	29.82	NA2O+K2O	7.55	SiO2	70.99	SUBALKALINE		
Al2O3	15.09	15.19	16.79	C	3.51	Or*	3.22	Ne*	28.68	Or*	68.11	SUBALKALINE
Fe2O3	3.46	1.94	1.37	OR	25.62	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.39	1.09	AA	29.74	A	65.44	F	27.18	N	7.33	CALC-ALKALINE
CaO	1.37	1.38	1.39	AN	5.53	AL2O3	15.19	NORM	PLAG	15.67		CALC-ALKALINE
MgO	0.84	0.85	1.18	LC	0.00	AN	9.08	AN*	48.84	OR	42.08	K-RICH SERIES
Na2O	3.25	3.27	5.95	NE	0.00	CI	5.33	NORM	PLAG	15.67		DACITE
K2O	4.25	4.28	5.12	KP	0.00							
TiO2	0.43	0.43	0.31	AC	0.00	JENSEN		CALC-ALKALINE	RHYOLITE			
P2O5	0.21	0.21	0.17	DI	0.00	AL	80.76	FE	13.56	Mg	5.68	
MnO	0.07	0.07	0.06	HE	0.00							
S	0.00	0.00	0.00	EN	2.36	COLOR INDEX :	5.33					
NiO	0.00	0.00	0.00	ES	0.30	WASHIMOTO INDEX :	52.42					
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	0.66	0.00	0.00	MT	2.06							
TOTAL	99.35	100.00	100.00	IL	0.61							
				CR	0.00							
				HM	0.00							
				AP	0.45							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.67							
				CPX	0.00							
				AB*	29.74							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 537.00:CU 20.00:ZN 82.00:NI 20.00:KB 166.00:SR 121.00:Y 29.00:ZR 164.00:NB 21.00:

COMMENTS : STANDARD GT-A

REPORT #2000

SAMPLE ID # VA14087

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 RJ : 1035.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.10	61.43	55.41	Q 2.33	NA2O+K2O 9.73 STO2 61.43 ALKALINE
Al2O3	19.46	20.58	21.88	C 1.46	
Fe2O3	3.63	2.01	1.36	OR 15.41	AlA 4.06 WEA 54.68 QA 41.26 ALKALINE
FeO	0.00	1.65	1.24	AB 61.66	
CaO	2.66	2.81	2.72	AN 12.51	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.04	1.10	1.48	LC 0.00	
Na2O	6.67	7.05	12.33	NE 0.00	A 68.12 F 24.18 K 7.70 CALC-ALKALINE
K2O	2.53	2.68	3.08	KP 0.00	
TiO2	0.40	0.42	0.29	AC 0.00	AL2O3 20.58 NORM PLAG 16.87 CALC-ALKALINE
P2O5	0.16	0.17	0.13	DI 0.00	
MnO	0.10	0.11	0.08	HE 0.00	AN 13.97 ABA 68.83 OR 17.20 SODIC
S	0.00	0.00	0.00	EN 2.96	
NiO	0.00	0.00	0.00	FS 0.71	C) 6.28 NORM PLAG 16.87 HENKORITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 83.09 FE 11.29 MG 5.61
LOI	4.40	0.00	0.00	MT 2.05	
TOTAL	94.58	100.00	100.00	IL 0.57	COLOR INDEX : 6.28
				CR 0.00	HASHIMOTO INDEX : 27.67
				HM 0.00	
				AP 0.34	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 3.66	
				CPX 0.00	
				ABA 61.66	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,IR,OS,RH,RU,HG (P.P.B.)

BA 1245.00:CU 20.00:ZN 96.00:NI 20.00:KB 88.00:SR 453.00:Y 62.00:ZR 756.00:MI 59.00:

COMMENTS : WEAKLY CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:20:11

SAMPLE ID # VA14088

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1300.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.68	60.14	54.94	Q 9.68	NA2O+K2O 9.41 SiO2 60.14 ALKALINE
Al2O3	21.57	22.89	24.64	C 8.90	
Fe2O3	3.25	1.97	1.36	OR 33.30	OL* 9.49 NK* 40.46 GA 50.05 SUBALKALINE
FeO	0.00	1.33	1.01	AB 32.79	
CaO	1.40	1.49	1.45	AN 6.31	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.04	2.16	2.95	LC 0.00	
Na2O	3.49	3.70	6.56	NE 0.00	A 64.12 F 21.14 M 14.75 CALC-ALKALINE
K2O	5.38	5.71	6.66	KP 0.00	
TiO2	0.36	0.38	0.26	AC 0.00	AL2O3 22.89 NORM PLAG 16.14 CALC-ALKALINE
P2O5	0.14	0.15	0.11	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 8.72 AB* 45.29 OR 45.99 SODIC
S	0.00	0.00	0.00	EN 5.89	
NiO	0.00	0.00	0.00	ES 0.26	CI 8.71 NORM PLAG 16.14 BENMORITE
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 81.38 FE 8.89 MG 9.73
LOI	4.76	0.00	0.00	MT 2.03	
TOTAL	94.24	100.00	100.00	IL 0.52	COLOR INDEX : 8.71
				CR 0.00	WASHINGTON INDEX : 60.28
				HM 0.00	
				AP 0.31	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 6.15	
				CPX 0.00	
				AB* 32.79	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 1860.00:CU 20.00:ZN 105.00:NI 20.00:RB 201.00:SR 391.00:Y 61.00:ZR 1304.00:NB 78.00:

COMMENTS : CALCAREOLS

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:20:52

SAMPLE ID # VA14089

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1200.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,MASSIVE.
 FINAL NAME :
 ALTERATION : PERVASIVE,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	62.34	64.29	58.26	Q	10.40
Al2O3	19.70	20.32	21.70	C	5.87
Fe2O3	3.33	1.92	1.31	OR	19.46
FeO	0.00	1.36	1.03	AB	56.17
CaO	0.55	0.57	0.55	AN	1.76
MgO	1.14	1.18	1.59	LC	0.00
Na2O	6.20	6.39	11.23	NE	0.00
K2O	3.26	3.36	3.89	KP	0.00
TiO2	0.36	0.37	0.25	AC	0.00
P2O5	0.15	0.15	0.12	BT	0.00
MnO	0.08	0.08	0.06	ME	0.00
S	0.00	0.00	0.00	SH	3.18
NiO	0.00	0.00	0.00	FS	0.38
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	IN	0.00
LOI	2.76	0.00	0.00	MT	1.96
				IL	0.51
TOTAL	96.96	100.00	100.00	CR	0.00
				RM	0.00
				AP	0.32
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	3.56
				CPX	0.00
				ABA	56.17

CLASSIFICATIONS AND INDICES

NA2O+K2O	9.76	SIO2	64.29	ALKALINE		
OLA	3.80	NE*	48.06	DA	48.14	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	69.58	F	22.04	M	8.38	CALC-ALKALINE
Al2O3	20.32	NORM	PLAG	3.04	CALC-ALKALINE	
AN	2.28	ABA	72.58	OR	25.14	SUBIC
CJ	6.02	NORM	PLAG	3.04	TRACHYTE	

JENSEN CALC-ALKALINE RHYOLITE
 AL 83.64 FE 10.25 MG 6.12

COLOR INDEX : 6.02
 WASHINGTON INDEX : 39.46

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HB (P.P.B.)

BA 1848.00:CU 20.00:ZN 143.00:NI 20.00:RB 113.00:SR 315.00:Y 63.00:ZR 1013.00:WB 55.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14090

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1050.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,STRONG.
 MINERALIZATION : NIL ,NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS
SiO2	60.07	65.44	62.30	Q
Al2O3	15.42	16.80	18.85	C
Fe2O3	5.58	2.45	1.76	OR
FeO	0.00	3.26	3.60	AB
CaO	2.27	2.47	2.52	AN
MgO	2.61	2.84	4.03	LC
Na2O	0.40	0.44	0.80	NF
K2O	4.79	5.22	6.34	KP
TiO2	0.75	0.82	0.58	AC
P2O5	0.16	0.17	0.14	DI
MnO	0.08	0.09	0.07	HE
S	0.00	0.00	0.00	EN
NiO	0.00	0.00	0.00	FS
Cr2O3	0.00	0.00	0.00	ED
CO2	0.00	0.00	0.00	EA
H2O+	0.00	0.00	0.00	WD
H2O-	0.00	0.00	0.00	LN
LOI	7.29	0.00	0.00	MT
TOTAL	91.80	100.00	100.00	IL
				CR
				HM
				AP
				PO
				NS
				KS
				RU
				AG
				OL
				OPX
				CPX
				ABA

CLASSIFICATIONS AND INDICES					
NA2O+K2O	5.65	SiO2	65.44	SUBALKALINE	
OL*	17.26	NA*	5.30	QA*	77.44
CPX	0.00	OL	0.00	OPX	100.00
A	40.48	F	39.16	M	20.36
AL2O3	16.80	NORM	PLAG	73.99	TROLEITIC
AN	24.25	ABA*	8.52	OK	67.23
CI	14.28	NORM	PLAG	73.99	BASALT

JENSEN CALC-ALKALINE ANDESITE
 AL 67.58 FE 17.96 MG 14.46

COLOR INDEX : 14.28
 HASHIMOTO INDEX : 73.49

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HG (P.P.B.)

BA 1600.00:CU 49.00:ZN 88.00:NI 39.00:RB 175.00:SK 296.00:Y 20.00:Zr 154.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:22:15

SAMPLE ID # VA14091

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E L : 1020.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLESS,1-SX,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED	NORMALIZED	NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS WT %	ANHYDROUS CATION X									
SiO2	59.06	65.19	60.73	Q	17.37	NA2O+K2O	6.55	SiO2	65.19	SUBALKALINE		
Al2O3	12.60	13.91	15.27	C	0.00	Q/A	9.82	NE*	35.87	GA	54.31	SUBALKALINE
Fe2O3	6.13	2.36	1.66	OR	13.72	CPX	42.47	OL	0.00	DPX	57.53	SUBALKALINE
FeO	0.00	3.96	3.09	AB	38.28	A	42.37	F	39.41	M	18.22	THOLEIITIC
CaO	3.84	4.24	4.23	AN	12.18	AL2O3	13.91	NORM	PLAG	24.14	THOLEIITIC	
MgO	2.55	2.81	3.91	LC	0.00	AN	18.98	AN*	59.64	OR	21.38	AVERAGE SERIES
NA2O	3.84	4.24	7.66	NE	0.00	CI	18.05	NORM	PLAG	24.14	ANDESITE	
K2O	2.09	2.31	2.74	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.64	0.71	0.49	AC	0.00	AL	62.36	FE	21.68	MG	15.96	
P2O5	0.17	0.19	0.15	DI	4.21	COLDR INDEX : 18.05 WASHIMOTO INDEX : 37.66						
MnO	0.08	0.09	0.07	HE	1.98							
S	0.00	0.00	0.00	EM	5.71							
NiO	0.00	0.00	0.00	ES	2.68							
CR2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	8.43	0.00	0.00	MT	2.48							
TOTAL	90.60	100.00	100.00	IL	0.99							
				CR	0.00							
				HM	0.00							
				AP	0.40							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	6.39							
				CPX	6.19							
				AB*	38.28							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HR (P.P.B.)

8A 849.00:CU 41.00:ZN 60.00:NI 57.00:RB 73.00:SR 564.00:Y 27.00:ZR 274.00:NB 23.00:

COMMENTS : LOCAL QUARTZ STOCKWORKS
 BLEACHED AND CARBONATIZED

==== F A L C O N B R I D G E I . I . D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:22:56

SAMPLE ID # VA14092

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1020.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	52.33	57.93	52.08	Q 0.00	Na2O+K2O 8.66 SiO2 57.93 ALKALINE
Al2O3	16.79	18.59	19.70	C 0.00	
Fe2O3	5.16	2.26	1.53	OR 11.95	OL* 15.56 NE* 49.90 Q* 34.46 ALKALINE
FeO	0.00	3.11	2.34	AB 57.31	
CaO	3.41	3.78	3.64	AN 14.61	CPX 5.43 OL 68.73 OPX 25.84 SUBALKALINE
MgO	4.05	4.48	6.01	LC 0.00	
Na2O	5.94	6.58	11.46	NE 0.00	A 47.36 F 28.12 H 24.53 CALC-ALKALINE
K2O	1.89	2.08	2.39	K* 0.00	
TiO2	0.54	0.60	0.40	AC 0.00	Al2O3 18.59 NORM PLAG 20.32 CALC-ALKALINE
P2O5	0.39	0.43	0.33	BC 0.54	
MnO	0.15	0.17	0.13	BE 0.12	AN 17.42 AB* 68.33 OR 14.25 SODIC
S	0.00	0.00	0.00	EN 2.58	
NiO	0.00	0.00	0.00	ES 0.56	CI 15.35 NORM PLAG 20.32 MUGEARITE
Cr2O3	0.00	0.00	0.00	ED 6.87	
CO2	0.00	0.00	0.00	FA 1.48	JENSEN CALC-ALKALINE ANDESITE
H2O+	0.00	0.00	0.00	WD 0.00	Al 65.44 FE 14.60 MG 19.96
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	8.67	0.00	0.00	MT 2.29	
TOTAL	90.33	100.00	100.00	IL 0.81	COLOR INDEX : 15.25 HASHIMOTO INDEX : 38.81
				CR 0.00	
				HM 0.00	
				AP 0.88	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 8.35	
				OPX 3.14	
				CPX 0.66	
				AB* 57.31	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1012.00:CU 20.00:ZN 95.00:NI 20.00:RB 84.00:SR 674.00:Y 43.00:ZR 473.00:NB 30.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:23:38

SAMPLE ID # VA14093

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 1060.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	47.36	55.05	52.34	Q	12.03
Al2O3	16.67	19.38	21.72	C	4.34
Fe2O3	8.58	2.66	1.90	OR	35.43
FeO	0.00	6.58	5.23	AB	0.32
CaO	4.78	5.56	5.66	AN	25.57
MgO	3.99	3.48	4.92	LC	0.00
Na2O	0.03	0.03	0.06	NE	0.00
K2O	5.02	5.84	7.09	KP	0.00
TiO2	0.79	0.92	0.66	AC	0.00
P2O5	0.35	0.41	0.33	DT	0.00
MnO	0.09	0.10	0.08	HE	0.00
S	0.00	0.00	0.00	EN	9.85
NiO	0.00	0.00	0.00	FS	7.41
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	11.54	0.00	0.00	MI	2.86
TOTAL	86.03	100.00	100.00	IL	1.31
				CR	0.00
				HM	0.00
				AP	0.87
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	17.26
				CPX	0.00
				ABA	0.32

CLASSIFICATIONS AND INDICES					
Na2O+K2O	5.87	SiO2	55.05		SUBALKALINE
OL*	43.71	NE*	0.65	GA	55.63
CPX	0.00	OL	0.00	DPX	100.00
A	32.04	F	48.99	M	18.97
Al2O3	19.38	NORM	PLAG	98.76	TROLEITIC
AN	41.70	ABA	0.52	OR	57.78
CI	21.43	NORM	PLAG	98.76	BASALT

JENSEN CALC-ALKALINE ANDESITE
 AL 62.9) FE 22.82 MG 14.27

COLOR INDEX : 21.43
 HASHIMOTO INDEX : 62.43

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 2120.00:CU 137.00:ZN 1410.00:NI 106.00:RB 161.00:SR 349.00:Y 34.00:ZR 151.00:NB 20.00:

COMMENTS : STRONGLY SERICITIZED AND BLEACHED

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:24:19

SAMPLE ID # VA14094

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 RL : 1010.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLSRS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.37	67.68	63.49	Q 27.80	NA20+K20 6.45 SiO2 67.68 SUBALKALINE
Al2O3	15.00	16.02	17.71	C 4.93	
Fe2O3	4.66	2.16	1.52	OR 21.37	OL* 9.40 NE* 25.47 QA 65.13 SUBALKALINE
FeO	0.00	2.34	1.99	AB 26.22	
CaO	1.93	2.06	2.07	AN 8.16	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.98	2.11	2.96	LC 0.00	
Na2O	2.70	2.88	5.24	NE 0.00	A 49.46 F 34.33 M 16.20 THOLEIITIC
K2O	3.34	3.57	4.27	KP 0.00	
TiO2	0.52	0.56	0.39	AC 0.00	Al2O3 16.02 NORM FLAG 23.74 CALC-ALKALINE
P2O5	0.31	0.33	0.26	BT 0.00	
MnO	0.09	0.10	0.08	NE 0.00	AN 14.64 ABA 47.03 OR 38.33 K-RICH SERIES
S	0.00	0.00	0.00	EM 5.91	
NiO	0.00	0.00	0.00	ES 1.83	CI 10.81 NORM FLAG 23.74 DACITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	TENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 77.86 EE 16.15 KB 11.99
LOI	5.00	0.00	0.00	MT 2.28	
TOTAL	93.64	100.00	100.00	IL 0.78	COLOR INDEX : 10.81 HASHIMOTO INDEX : 53.47
				CR 0.00	
				HM 0.00	
				AP 0.70	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.74	
				CPX 0.00	
				ABA 26.22	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,DS,RH,RU,AG (P.P.B.)

BA 4186.00:CU 23.00:ZN 80.00:NI 26.00:RH 95.00:SR 240.00:Y 40.00:ZR 205.00:NB 29.00:

COMMENTS : CLAY ALTERATION

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:25:01

SAMPLE ID # VA14095

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1000.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : NIL ,NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.40	69.50	66.29	Q 36.57	NA2O+K2O 4.55 SiO2 69.50 SUBALKALINE
Al2O3	15.19	16.13	18.14	C 3.80	
Fe2O3	4.71	2.02	1.45	OR 17.02	OLA 5.49 NEA 17.08 QA 77.43 SUBALKALINE
FeO	0.00	2.69	2.14	AB 16.21	
CaO	3.66	3.89	3.98	AN 19.23	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.62	0.66	0.94	LC 0.00	
Na2O	1.65	1.75	3.24	NE 0.00	A 46.84 F 46.38 M 6.78 THOLEIITIC
K2O	2.63	2.79	3.40	KP 0.00	
TiO2	0.40	0.43	0.30	AC 0.00	AL2O3 16.13 NORM PLAG 54.26 THOLEIITIC
P2O5	0.09	0.10	0.08	DT 0.00	
MnO	0.04	0.04	0.03	HE 0.00	AN 36.65 ABA 30.90 OR 32.45 K-RICH SERIES
S	0.00	0.00	0.00	SN 1.87	
NiO	0.00	0.00	0.00	FS 2.30	CI 6.95 NORM PLAG 54.26 ANDESITE
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 78.84 FE 17.09 MG 4.07
LOI	4.75	0.00	0.00	MT 2.17	
TOTAL	94.10	100.00	100.00	IL 0.61	COLOR INDEX : 6.95 HASKINOTO INDEX : 37.97
				CR 0.00	
				HM 0.00	
				AP 0.21	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.17	
				CPX 0.00	
				ABA 16.21	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,DS,KH,RU,HG (P.P.B.)

BA 807.00:CU 20.00:ZN 44.00:NI 20.00:RB 70.00:SR 128.00:Y 20.00:ZR 75.00:NB 20.00:

COMMENTS : MODERATELY CALCAREOUS, WEAKLY CHLORITIC

==== F A L C O N B R I D G E I. I. D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:25:42

SAMPLE ID # VA14096

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 KI : 1040.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : SPOTS ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS	WT %		ANHYDROUS	CATION %						
SiO2	56.59	62.60	59.89	Q	26.76	NA20+K20	4.92	SiO2	62.60	SUBALKALINE		
Al2O3	14.41	15.94	17.97	C	5.64	Or*	29.57	Ne*	0.14	Or*	70.29	SUBALKALINE
Fe2O3	7.90	2.28	1.64	Or	30.01	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	5.81	4.65	A8	0.10	A	29.89	F	47.74	K	22.37	TROLEITIC
CaO	3.26	3.61	3.70	AN	15.79	AL2O3	15.94	NORM PLAG	99.35			TROLEITIC
MgO	3.33	3.68	5.25	LD	0.00	AN	34.40	ABA*	0.22	OR	65.37	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	Cl	20.84	NORM PLAG	99.35			BASALT
K2O	4.44	4.91	6.00	KP	0.00	TENSEN CALC-ALKALINE BASALT						
TiO2	0.56	0.62	0.45	AC	0.00	AL	59.77	FF	22.76	MG	17.47	
P2O5	0.36	0.40	0.32	Or	0.00	COLOR INDEX : 20.84						
MnO	0.12	0.13	0.11	HE	0.00	HASHIKUTO INDEX : 70.38						
S	0.00	0.00	0.00	EN	10.50							
NiO	0.00	0.00	0.00	FS	6.98							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.22	0.00	0.00	MI	2.46							
TOTAL	90.39	100.00	100.00	IL	0.89							
				CR	0.00							
				HM	0.00							
				AP	0.86							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				DPX	17.49							
				CPX	0.00							
				ABA*	0.10							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RI,RU,HG (P.P.B.)

BA 2124.00:CU 35.00:ZN 101.00:NI 35.00:RB 147.00:SR 396.00:Y 40.00:ZR 309.00:NB 27.00:

COMMENTS : IRON CARBONATE, WEAKLY CHLORITIC

==== F A L C O N B R I D G E L T D ====
 == EXPLORATION DIVISION ==

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:26:23

SAMPLE ID # VA14097

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1275.0

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, COARSE, BIOTITE BEARING, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% MAGNETITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES							
SiO2	74.64	74.89	70.41	Q	33.40	NA2O+K2O	7.84	SiO2	74.89	SUBALKALINE			
Al2O3	12.99	13.03	14.44	C	0.95								
Fe2O3	2.10	1.83	1.29	OR	27.89	GLA	1.72	NEA	27.29	GA	71.00	SUBALKALINE	
FeO	0.00	0.25	0.20	AB	29.08	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE	
CaO	1.17	1.17	1.18	AN	5.25								
MgO	0.52	0.52	0.73	LC	0.00								
Na2O	3.18	3.19	5.82	NE	0.00	A	76.42	F	18.49	M	5.09	CALC-ALKALINE	
K2O	4.63	4.65	5.58	KP	0.00	AL2O3				NORM	PLAG	15.28	THOLRITIC
TiO2	0.32	0.32	0.23	AC	0.00								
P2O5	0.10	0.10	0.08	DI	0.00								
MnO	0.05	0.05	0.04	HE	0.00	AN	8.43	ABA	46.74	OR	44.83	K-RICH SERIES	
S	0.00	0.00	0.00	EN	1.46								
NiO	0.00	0.00	0.00	ES	0.00	CI				NORM	PLAG	15.28	RHYOLITE
Cr2O3	0.00	0.00	0.00	ED	0.00								
CO2	0.00	0.00	0.00	EA	0.00								
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN				CALC-ALKALINE	RHYOLITE		
H2O-	0.00	0.00	0.00	LN	0.00	AL	85.30	FE	10.38	MG	4.32		
LQI	0.41	0.00	0.00	MT	0.04								
TOTAL	99.67	100.00	100.00	IL	0.45								
				CR	0.00	COLOR INDEX :				3.22			
				HM	1.27	WASI-MOTO INDEX :				54.21			
				AP	0.21								
				PO	0.00								
				NS	0.00								
				KS	0.00								
				RU	0.00								
				AG	0.00								
				OL	0.00								
				OPX	1.46								
				CPX	0.00								
				ABA	29.08								

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 790.00:CU 20.00:ZN 35.00:NI 20.00:RB 123.00:SR 180.00:Y 20.00:ZR 195.00:NB 47.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14098

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 RL : 740.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 19-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.46	67.49	63.09	Q 22.60	NA20+K20 6.02 SiO2 67.49 SUBALKALINE
Al2O3	13.40	14.48	15.95	C 0.00	
Fe2O3	4.35	1.98	1.39	OK 13.22	DL* 3.57 NE* 34.51 GA 61.92 SUBALKALINE
FeO	0.00	2.45	1.92	AB 34.47	
CaO	4.92	5.32	5.33	AN 16.04	CPX 73.87 OL 0.00 OPX 26.13 ALKALINE
MgO	1.57	1.70	2.16	LC 0.00	
Na2O	3.52	3.80	6.89	NE 0.00	A 50.39 F 35.41 K 14.20 THOLEIITIC
K2O	2.05	2.22	2.64	KP 0.00	
TiO2	0.33	0.36	0.25	AC 0.00	Al2O3 14.48 NORM PLAG 31.76 THOLEIITIC
P2O5	0.07	0.08	0.06	DI 5.54	
MnO	0.13	0.14	0.11	HE 2.53	AN 25.17 AB* 54.08 OR 20.75 AVERAGE SERIES
S	0.00	0.00	0.00	EN 1.96	
NiO	0.00	0.00	0.00	FS 0.90	CI 13.51 NORM PLAG 31.76 ANDRESITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 72.56 EE 16.69 MG 10.75
LOI	6.28	0.00	0.00	NT 2.09	
TOTAL	92.55	100.00	100.00	IL 0.50	COLOR INDEX : 13.51 WASHINGTON INDEX : 30.02
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				QL 0.00	
				OPX 2.85	
				CPX 8.07	
				AB* 34.47	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,IR,OS,RH,RU,HG (P.P.B.)

BA 392.00:CU 20.00:ZN 20.00:NI 20.00:RB 59.00:SR 164.00:Y 20.00:ZR 68.00:NB 20.00:

COMMENTS : CALCAREOUS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:29:09

SAMPLE ID : VA14099

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-115
 TOWNSHIP :
 NTS : 0B2M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 775.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LITHIC,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 19-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SI02	54.67	60.92	56.83	Q	13.83	NA2O+K2O	6.14	SI02	60.92	SUBALKALINE		
AL2O3	16.48	18.36	20.19	C	0.00	OR* 18.37	ME* 26.62	DA	55.07	SUBALKALINE		
FE2O3	4.75	2.14	1.50	OR	23.63	CPX 1.77	OL	0.00	OPX 98.29	SUBALKALINE		
FE0	0.00	2.84	2.21	AB	19.65	A	44.03	F	34.75	M	27.82	THOLEIITIC
CAO	5.30	3.91	5.90	AN	28.84	AL2O3	18.36	NORM PLAG	59.48			CALC-ALKALINE
MGO	2.73	3.04	4.23	LC	0.00	AN	39.99	ABA	27.24	OR	32.77	K-RICH SERIES
NA2O	1.95	2.17	3.93	NE	0.00	CI	13.91	NORM PLAG	59.48			BASALT
K2O	3.36	3.97	4.73	KP	0.00	JENSEN		CALC-ALKALINE	DACITE			
TIO2	0.42	0.47	0.33	AC	0.00	AL	70.72	FE	14.47	MG	14.81	
P2O5	0.06	0.07	0.05	DI	0.15	COLOR INDEX :	13.91					
MNO	0.10	0.11	0.09	HE	0.04	HASHIMOTO INDEX :	46.45					
S	0.00	0.00	0.00	EN	8.39							
NIO	0.00	0.00	0.00	FS	2.42							
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	8.54	0.00	0.00	MT	2.35							
TOTAL	89.74	100.00	100.00	IL	0.66							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.81							
				CPX	0.19							
				ABA	19.65							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,MO (P.P.B.)

BA 769.00:CU 20.00:ZN 32.00:NI 20.00:RB 89.00:SK 195.00:Y 20.00:ZK 90.00:NB 20.00:

COMMENTS : STRONGLY CALCAREOUS AND SERECITIC

REPORT #2000

SAMPLE ID # VA14100

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 810.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 19-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	31.36	36.26	34.36	Q 0.00	NA2O+K2O 3.23 SiO2 36.26 ALKALINE
Al2O3	30.91	24.18	27.00	C 22.92	
Fe2O3	23.73	2.83	2.02	DR 18.26	OLA 82.68 NEA 2.13 QA 15.18 SUBALKALINE
FeO	0.00	23.14	17.54	AB 1.91	
CaO	0.22	0.25	0.26	AN 0.13	CPX 0.00 OL 42.93 OPX 57.07 SUBALKALINE
MgO	8.47	9.79	13.83	LC 0.00	
Na2O	0.18	0.21	0.38	NE 0.00	A 8.56 F 65.47 M 25.97 THOLEIITIC
K2O	2.61	3.02	3.65	KP 0.00	
TiO2	0.95	1.10	0.78	AC 0.00	Al2O3 24.18 NORM PLAG 6.35 CALC-ALKALINE
P2O5	0.15	0.17	0.14	DI 0.00	
MnO	0.04	0.05	0.04	HE 0.00	AN 0.64 ARA 9.42 DR 89.95 SODIC
S	0.00	0.00	0.00	EN 13.81	
NiO	0.00	0.00	0.00	FS 15.76	CI 56.41 NORM PLAG 6.35 NEPHELINITE
Cr2O3	0.00	0.00	0.00	FO 10.39	
CO2	0.00	0.00	0.00	FA 11.86	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 44.11 FE 33.30 MG 22.59
LOI	10.75	0.00	0.00	MT 3.03	
TOTAL	86.49	100.00	100.00	IL 1.57	COLOR INDEX : 56.41 HASHIMOTO INDEX : 96.52
				CR 0.00	
				HM 0.00	
				AP 0.37	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				DL 22.25	
				OPX 29.57	
				CPX 0.00	
				ABA 1.91	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 570.00:CU 751.00:ZN 314.00:NI 20.00:RB 63.00:SR 49.00:Y 20.00:ZR 171.00:NR 21.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 22-AUG-90
 16:12:33

SAMPLE ID # VAI4084

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DDH : DUCANEX-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 N : 0.0 RL : 1005.8
 START DEPTH : 21.00 END DEPTH : 24.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 10-JUL-90
 DATE : 02-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS		CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS CATION %										
SiO2	58.34	63.58	59.34		Q	24.85	NA2O+K2O	4.08	SiO2	63.58	SUBALKALINE		
Al2O3	15.09	16.45	18.09		C	5.54	OLA	25.88	NE*	14.29	QA	59.83	SUBALKALINE
Fe2O3	5.49	2.11	1.49		OR	14.94	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.48	2.72		AB	14.20	A	26.08	F	34.45	M	39.47	THOLFITIC
CaO	3.19	3.48	3.48		AN	16.81	AL2O3	16.45	NORM	PLAG	54.21		CALC-ALKALINE
MgO	5.66	6.17	8.58		LC	0.00	AN	36.58	AB*	30.90	OR	32.50	K-RICH SERIES
Na2O	1.44	1.57	2.84		NE	0.00	CI	23.48	NORM	PLAG	54.21		BASALT
K2O	2.30	2.51	2.99		KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.44	0.48	0.34		AC	0.00	AL	57.84	FE	14.73	MG	27.43	
P2O5	0.08	0.09	0.07		DC	0.00	COLOR INDEX : 23.48						
MnO	0.08	0.09	0.07		HE	0.00	HASHIMOTO INDEX : 63.23						
S	0.00	0.00	0.00		SN	17.16							
NiO	0.00	0.00	0.00		FS	3.41							
Cr2O3	0.00	0.00	0.00		FO	0.00							
CO2	0.00	0.00	0.00		FA	0.00							
H2O+	0.00	0.00	0.00		WG	0.00							
H2O-	0.00	0.00	0.00		LN	0.00							
LOI	7.43	0.00	0.00		MT	2.23							
TOTAL	91.75	100.00	100.00		IL	0.67							
					CR	0.00							
					HM	0.00							
					AP	0.18							
					PO	0.00							
					NS	0.00							
					KS	0.00							
					RU	0.00							
					AG	0.00							
					OL	0.00							
					OPX	20.58							
					CPX	0.00							
					AB*	14.20							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 492.00:CU 26.00:ZN 70.00:NI 20.00:RB 72.00:SR 159.00:Y 21.00:ZR 93.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:30:32

SAMPLE ID # VA14101

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BBT/COMINCO OPTION
 0.0 N : 0.0 FL : 808.0

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% CHALCOPYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 19-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	87.54	90.07	89.60	Q 84.30	NA2O+K2O 1.05 SiO2 90.07 SUBALKALINE
Al2O3	4.17	4.29	5.03	C 3.37	
Fe2O3	3.37	1.89	1.42	OR 6.60	DI* 1.68 NEA 0.07 Q* 90.26 SUBALKALINE
FeO	0.00	1.42	1.18	AB 0.10	
CaO	0.29	0.30	0.32	AN 0.79	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
MgO	0.49	0.50	0.75	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 22.46 F 66.76 M 10.79 THOLEIITIC
K2O	1.01	1.04	1.32	KP 0.00	Al2O3 4.29 NORM PLAG 88.90 THOLEIITIC
TiO2	0.34	0.35	0.26	AC 0.00	AN 10.60 ADA 7.32 OR 88.08 K-RICH SERIES
P2O5	0.11	0.11	0.10	TC 0.00	CI 4.58 NORM PLAG 88.90 BASALT
MnO	0.01	0.01	0.01	HE 0.00	
S	0.00	0.00	0.00	EN 1.49	
NiO	0.00	0.00	0.00	ES 0.43	
Cr2O3	0.00	0.00	0.00	FO 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN THOLEIITIC ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 58.20 FE 33.16 MG 8.65
LOI	2.51	0.00	0.00	Mt 2.13	
TOTAL	97.19	100.00	100.00	IL 0.52	COLOR INDEX : 4.58 WASHINGTON INDEX : 83.33
				CR 0.00	
				HM 0.00	
				AP 0.25	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.93	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, DS, RH, RU, AG (P.P.R.)

BA 222.00:CU 276.00:ZN 187.00:NI 20.00:RE 40.00:SR 55.00:Y 20.00:ZR 104.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:36:02

SAMPLE ID # VA14102

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1520.0

FIELD NAME : VOLCANIC,FELSIC,FINE,MASSIVE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,MAGNETITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 20-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WI %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NDRMS	CLASSIFICATIONS AND INDICES	
SI02	69.12	71.35	68.00	Q	44.92	NA20+K20 3.88 SI02 71.35 SUBALKALINE
AL203	16.18	16.70	18.76	C	9.95	
FE203	4.52	2.12	1.52	OR	13.07	OLA* 5.96 NE* 14.52 QA* 79.52 SUBALKALINE
FE0	0.00	2.29	1.83	AB	16.02	
CA0	1.54	1.59	1.62	AN	7.49	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	1.32	1.36	1.94	LC	0.00	
NA20	1.68	1.73	3.20	NE	0.00	A 41.11 F 44.46 M 14.43 THOLEITIC
K20	2.08	2.15	2.61	KP	0.00	
TIO2	0.55	0.57	0.41	AC	0.00	AL203 16.70 NDRM FLAG 31.86 CALC-ALKALINE
P205	0.09	0.09	0.07	DI	0.00	
HNO	0.04	0.04	0.03	HE	0.00	AN 20.48 ABA* 43.80 OR 35.72 K-RICH SERIES
S	0.00	0.00	0.00	EN	3.87	
NIO	0.00	0.00	0.00	FS	1.39	CI 8.35 NDRM FLAG 31.86 DACITE
CR203	0.00	0.00	0.00	ED	0.00	
CO2	0.00	0.00	0.00	EA	0.00	
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN	0.00	AL 76.63 FE 15.47 MG 7.90
LOI	2.77	0.00	0.00	MT	2.28	
TOTAL	96.87	100.00	100.00	IL	0.81	
				CR	0.00	COLOR INDEX : 8.35
				HM	0.00	WASHIKOTO INDEX : 51.36
				AP	0.20	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RU	0.00	
				AG	0.00	
				OL	0.00	
				OPX	5.26	
				CPX	0.00	
				ABA*	16.02	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 565.00:CU 20.00:ZN 29.00:NI 20.00:KB 70.00:SR 415.00:Y 20.00:ZK 147.00:NH 20.00:

COMMENTS : CALCAREOUS

REPORT #2000

SAMPLE ID * VA14103

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1330.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% MAGNETITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 20-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.21	63.85	57.63	Q 7.44	NA2O+K2O 8.25 SiO2 63.85 SUBALKALINE
Al2O3	16.45	16.88	17.96	C 3.14	
Fe2O3	6.79	2.01	1.37	OR 3.02	OL* 11.95 NFA 45.44 QA 42.63 SUBALKALINE
FeO	0.00	4.46	3.37	AB 67.62	
CaO	0.43	0.44	0.43	AN 1.74	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.40	3.49	4.69	LC 0.00	
Na2O	7.53	7.73	13.52	NE 0.00	A 45.81 F 34.81 M 19.37 TROLEITIC
K2O	0.51	0.52	0.60	KP 0.00	
TiO2	0.46	0.47	0.32	AC 0.00	Al2O3 16.88 NORM PLAG 2.51 CALC-ALKALINE
P2O5	0.06	0.06	0.05	BT 0.00	
MnO	0.07	0.07	0.05	FE 0.00	AN 2.41 AB* 93.43 OR 4.17 K-POOR SERIES
S	0.00	0.00	0.00	EN 9.39	
NiO	0.00	0.00	0.00	FS 4.84	Cl 16.92 NORM PLAG 2.51 RHYOLITE
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 64.69 FE 18.40 MG 16.91
LOI	2.03	0.00	0.00	MT 2.05	
TOTAL	97.43	100.00	100.00	IL 0.64	COLOR INDEX : 16.92 HASHIMOTO INDEX : 32.94
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.23	
				CPX 0.00	
				AB* 67.62	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, GS, RH, RU, HG (P.P.B.)

BA 429.00:CU 20.00:ZN 71.00:NI 20.00:RB 36.00:SK 260.00:Y 20.00:ZR 85.00:NI 20.00:

COMMENTS : HORNEELSING & CHLORITIZATION

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:37:25

SAMPLE ID # VA14104

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 675.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE , LOOK AT COMMENTS, STRONG.
 MINERALIZATION : NIL , NIL.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS
SiO2	65.28	67.74	63.02	Q 24.92
Al2O3	15.78	16.37	17.96	C 4.96
Fe2O3	5.20	1.97	1.38	OR 15.29
FeO	0.00	3.08	2.40	AB 35.94
CaO	1.41	1.46	1.46	AN 6.88
MgO	2.19	2.27	3.15	LC 0.00
Na2O	3.84	3.98	7.19	NE 0.00
K2O	2.48	2.57	3.06	KP 0.00
TiO2	0.40	0.42	0.29	AC 0.00
P2O5	0.06	0.06	0.05	BI 0.00
MnO	0.06	0.06	0.05	HE 0.00
S	0.00	0.00	0.00	SM 6.30
NiO	0.00	0.00	0.00	FS 2.93
Cr2O3	0.00	0.00	0.00	ED 0.00
CO2	0.00	0.00	0.00	FA 0.00
H2O+	0.00	0.00	0.00	WD 0.00
H2O-	0.00	0.00	0.00	LN 0.00
LOI	3.28	0.00	0.00	NT 2.07
TOTAL	96.37	100.00	100.00	IL 0.58
				CR 0.00
				HM 0.00
				AP 0.13
				PO 0.00
				NS 0.00
				KS 0.00
				RU 0.00
				AG 0.00
				OL 0.00
				OPX 9.23
				CPX 0.00
				AB* 35.94

CLASSIFICATIONS AND INDICES

NA2O+K2O	6.56	SiO2	67.74	SUBALKALINE		
OLA	9.88	NFA	30.76	QA	59.36	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	47.92	F	35.48	M	16.60	YMBOLITIC
Al2O3	16.37	NORM	PLAG	16.08		CALC-ALKALINE
AN	11.85	ABA	61.84	OR	26.31	K-RICH SERIES
CI	11.89	NORM	PLAG	16.08		DACITE
TENSEN CALC-ALKALINE DACITE						
Al	23.19	FE	16.32	MG	12.49	
COLOR INDEX : 11.89						
HASHIMOTO INDEX : 47.08						

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, YR, OS, RH, RU, HG (P.P.B.)

BA 729.00:CU 20.00:ZN 29.00:NJ 20.00:RR 66.00:SK 188.00:Y 20.00:ZR 92.00:NH 20.00:

COMMENTS : CALCAREOUS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:31:13

SAMPLE ID # VA14105

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 790.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 24-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.34	65.16	62.27	Q 33.21	NA2O+K2O 6.14 SiO2 65.16 SUBALKALINE
Al2O3	17.00	18.06	20.34	C 11.02	
Fe2O3	6.50	2.58	1.86	OR 35.46	OLA 14.47 NFA 4.07 QA 81.46 SUBALKALINE
FeO	0.00	3.89	3.11	AB 3.05	
CaO	0.94	1.00	1.02	AN 4.84	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.87	1.99	2.89	LC 0.00	
Na2O	0.31	0.33	0.61	NE 0.00	A 42.82 F 43.33 H 13.85 THOLEITIC
K2O	5.47	5.81	7.09	KP 0.00	
TiO2	0.93	0.99	0.71	AC 0.00	AL2O3 18.06 NORM FLAG 56.95 CALC-ALKALINE
P2O5	0.15	0.16	0.13	OT 0.00	
MnO	0.04	0.04	0.03	HE 0.00	AN 9.49 ABA 7.17 OR 83.34 K-RICH SERIES
S	0.00	0.00	0.00	EN 5.66	
NiO	0.00	0.00	0.00	ES 3.01	CI 12.87 NORM FLAG 56.95 ANDESITE
CR2O3	0.00	0.00	0.00	SO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 70.43 FE 19.77 MG 9.80
LOI	5.18	0.00	0.00	MT 2.78	
TOTAL	94.14	100.00	100.00	IL 1.42	COLOR INDEX : 12.87 HASKINOTO INDEX : 85.45
				CR 0.00	
				HM 0.00	
				AP 0.34	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.67	
				CPX 0.00	
				ABA 3.05	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1729.00:CU 48.00:ZN 112.00:NI 62.00:RB 207.00:SK 85.00:Y 20.00:ZR 157.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:31:55

SAMPLE ID # VA14106

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M08
 UTM ZONE : 11
 AMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 0.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-???-00
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	71.05	71.54	67.16	Q	30.36	NA2O+K2O	7.54	SiO2	71.54	SUBALKALINE		
Al2O3	14.52	14.62	16.18	C	2.85	OLA	3.24	NE*	28.34	Q*	68.42	SUBALKALINE
Fe2O3	3.45	1.95	1.38	OR	25.71	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.37	1.07	AB	29.59	A	65.33	F	27.08	M	7.59	CALC-ALKALINE
CaO	1.38	1.39	1.40	AN	5.65	Al2O3	14.62	NORM	PLAG	16.04		CALC-ALKALINE
MgO	0.87	0.88	1.23	LC	0.00	AN	9.27	ABA	48.55	OR	42.18	K-RICH SERIES
Na2O	3.23	3.25	5.92	NE	0.00	Cl	5.40	NORM	PLAG	16.04		DACITE
K2O	4.26	4.29	5.14	KF	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.44	0.44	0.31	AC	0.00	Al	79.98	FE	13.96	Mg	6.06	
P2O5	0.20	0.20	0.16	DI	0.00	COLOR INDEX : 5.40						
MnO	0.07	0.07	0.06	KE	0.00	HASHIMOTO INDEX : 52.67						
S	0.00	0.00	0.00	EN	2.45							
NiO	0.00	0.00	0.00	FS	0.25							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	0.65	0.00	0.00	MI	2.07							
				IL	0.63							
TOTAL	99.32	100.00	100.00	CR	0.00							
				HM	0.00							
				AP	0.43							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.71							
				CPX	0.00							
				AB*	29.59							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, YR, OS, RH, RU, HB (P.P.B.)

BA 548.00:CU 20.00:ZN 73.00:NI 20.00:RH 159.00:SR 135.00:Y 27.00:ZR 157.00:WB 20.00:

COMMENTS : STANDARD 6T-A

==== F A L C O N B R I D G E I . I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:38:06

SAMPLE ID # VA14107

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1240.0

FIELD NAME : VOLCANICLASTIC,MAFIC ,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS,1-SX,PYRRHOTITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 25-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	38.70	41.52	40.58	Q 0.00	NA20+K20 1.64 SiO2 41.52 ALKALINE
Al2O3	12.08	12.96	14.93	C 0.00	
Fe2O3	17.83	4.99	3.67	OR 1.74	OL* 9.06 NE* 78.50 QA 12.44 ALKALINE
FeO	0.00	12.72	10.40	AB 3.07	
CaO	16.36	17.55	18.38	AN 30.00	CPX 98.13 OL 1.87 OPX 0.00 ALKALINE
MgO	3.40	3.65	5.31	LC 0.00	
Na2O	1.27	1.36	2.58	NE 5.90	A 7.29 F 76.49 M 16.23 THOLEIITIC
K2O	0.26	0.28	0.35	KP 0.00	
TiO2	3.15	3.38	2.48	AC 0.00	Al2O3 12.96 NORM PLAG 69.92 THOLEIITIC
P2O5	0.45	0.48	0.40	BT 20.22	
MnO	1.03	1.11	0.91	HE 26.63	AN 67.19 ANA 28.91 OR 3.90 SODIC
S	0.00	0.00	0.00	EN 0.00	
NiO	0.00	0.00	0.00	FS 0.00	C1 58.22 NORM PLAG 69.92 ANKARAMITE
Cr2O3	0.00	0.00	0.00	FD 0.39	
CO2	0.00	0.00	0.00	FA 0.51	
H2O+	0.00	0.00	0.00	WD 0.00	TENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 39.59 FE 46.32 MG 14.09
LOI	4.35	0.00	0.00	MT 5.50	
				IL 4.97	
TOTAL	93.31	100.00	100.00	CR 0.00	COLOR INDEX : 58.22
				HM 0.00	WASHIMOTO INDEX : 17.19
				AP 1.07	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.89	
				OPX 0.00	
				CPX 46.85	
				ABA 12.91	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 418.00:CU 7060.00:ZN 467.00:NI 129.00:RB 22.00:SK 612.00:Y 22.00:ZK 246.00:NR 54.00:

COMMENTS : STRONGLY CHLORITIC, MODERATELY CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:38:47

SAMPLE ID # VA14108

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 980.0

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, MEDIUM, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% MAGNETITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 25-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.79	64.72	60.44	0 21.38	NA2O+K2O 4.60 SiO2 64.72 SUBALKALINE
Al2O3	15.96	16.19	17.83	C 0.00	
Fe2O3	5.39	1.99	1.40	OR 7.20	DLA 11.84 NE* 29.77 GA 58.38 SUBALKALINE
FeO	0.00	3.13	2.45	AB 30.68	
CaO	5.76	5.84	5.85	AN 25.62	CPX 19.81 OL 0.00 OPX 80.19 SUBALKALINE
MgO	2.81	2.85	3.97	LC 0.00	
Na2O	3.34	3.39	6.14	NE 0.00	A 37.16 F 39.79 M 23.05 THOLEITIC
K2O	1.19	1.21	1.44	KP 0.00	
TiO2	0.46	0.47	0.33	AC 0.00	Al2O3 16.19 NORM PLAG 45.51 CALC-ALKALINE
P2O5	0.09	0.09	0.07	BI 1.74	
MnO	0.12	0.12	0.10	BE 0.67	AN 40.35 AR* 48.01 OR 11.34 AVERAGE SERIES
S	0.00	0.00	0.00	EN 7.06	
NiO	0.00	0.00	0.00	FS 2.70	CI 14.92 NORM PLAG 45.51 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 68.40 FE 16.38 MG 15.23
LOI	1.09	0.00	0.00	MT 2.10	
TOTAL	98.57	100.00	100.00	IL 0.66	COLOR INDEX : 14.92 WASHIMOTO INDEX : 30.53
				CR 0.00	
				HM 0.00	
				AP 0.19	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.76	
				CPX 2.41	
				ABA 30.68	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 566.00:CU 20.00:ZN 33.00:NI 20.00:RR 51.00:SR 430.00:Y 20.00:ZR 109.00:WB 20.00:

COMMENTS : HORNFEISED

REPORT #2000

SAMPLE ID # VA14109

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 825.0

FIELD NAME : SEDIMENTARY ,ARGILLITE ,SILT,MASSIVE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES								
SiO2	64.00	66.80	63.39	Q	36.20	NA2O+K2O	4.44	SPO2	66.80	SUBALKALINE			
AL2O3	15.27	15.94	17.83	C	11.17								
FE2O3	7.69	2.59	1.85	OR	16.19	OLA	16.81	NE*	14.41	QA	68.78	SUBALKALINE	
FE0	0.00	4.89	3.88	AB	16.23								
CaO	0.32	0.33	0.34	AN	0.44	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE	
MgO	3.59	3.75	5.30	LC	0.00								
NA2O	1.69	1.76	3.25	NE	0.00	A	28.80	F	46.88	M	24.82	TRIOLETTIC	
K2O	2.56	2.67	3.24	KP	0.00								
TiO2	0.98	1.02	0.73	AC	0.00	AL2O3	15.94	NORM	PLAG	2.63	CALC-ALKALINE		
P2O5	0.18	0.19	0.15	UI	0.00								
MNO	0.05	0.05	0.04	HE	0.00	AN	1.33	AR*	49.39	OR	49.28	K-RICH SERIES	
S	0.00	0.00	0.00	EN	10.60								
NiO	0.00	0.00	0.00	ES	4.54	CI	19.37	NORM	PLAG	2.63	DACITE		
CR2O3	0.00	0.00	0.00	ED	0.00								
CO2	0.00	0.00	0.00	FA	0.00								
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN CALC-ALKALINE ANDESITE							
H2O-	0.00	0.00	0.00	LN	0.00	AL	60.17	FE	20.95	MG	17.88		
LOI	3.80	0.00	0.00	MT	2.77								
TOTAL	95.81	100.00	100.00	IL	1.46								
				CR	0.00	COLOR INDEX :	19.37						
				HM	0.00	HASHIMOTO INDEX :	75.37						
				AP	0.40								
				PD	0.00								
				NS	0.00								
				KS	0.00								
				RU	0.00								
				AG	0.00								
				OL	0.00								
				OPX	15.14								
				CPX	0.00								
				AR*	16.23								

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 957.00:CU 52.00:ZN 122.00:NI 78.00:RH 92.00:SK 77.00:Y 20.00:ZR 133.00:NB 20.00:

COMMENTS :

==== F A L C O M B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:33:16

SAMPLE ID # VA14110

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 700.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,STRONG.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.68	61.65	57.23	Q 21.08	NA2O+K2O 4.33 SiO2 60.65 SUBALKALINE
Al2O3	16.83	17.99	19.68	C 7.12	
Fe2O3	6.50	2.19	1.53	OR 10.20	OL* 23.42 NE* 21.73 BA 54.84 SUBALKALINE
FeO	0.00	4.38	3.32	AN 23.47	
CaO	2.86	3.06	3.04	AN 14.57	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.31	5.68	7.85	LC 0.00	
Na2O	2.44	2.61	4.69	NE 0.00	A 26.63 F 38.46 M 34.91 THOLEIITIC
K2O	1.61	1.72	2.04	KP 0.00	
TiO2	0.55	0.59	0.41	AC 0.00	AL2O3 17.99 NORM PLAG 38.31 CALC-ALKALINE
P2O5	0.09	0.10	0.08	OT 0.00	
MnO	0.14	0.15	0.12	HE 0.00	AN 30.21 AB* 48.65 OR 21.15 AVERAGE SERIES
S	0.00	0.00	0.00	EN 15.70	CI 23.35 NORM PLAG 38.31 ANDESITE
NiO	0.00	0.00	0.00	FS 4.53	
CR2O3	0.00	0.00	0.00	FO 0.00	JENSEN CALC-ALKALINE BASALT
CO2	0.00	0.00	0.00	FA 0.00	AI 59.80 FE 16.35 MG 23.85
H2O+	0.00	0.00	0.00	WD 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	6.16	0.00	0.00	NI 2.30	
TOTAL	93.56	100.00	100.00	IL 0.82	COLOR INDEX : 23.35 WASHIMOTO INDEX : 56.63
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AS 0.00	
				OL 0.00	
				OPX 20.23	
				CPX 0.00	
				AB* 23.47	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 338.00:CU 20.00:ZN 26.00:NI 20.00:RB 49.00:SR 110.00:Y 20.00:Zr 76.00:NB 20.00:

COMMENTS : CALCAREOUS

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:33:57

SAMPLE ID # VA14111

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 715.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 20-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.81	64.32	60.53	Q 25.88	Na2O+K2O 4.44 SiO2 64.32 SUBALKALINE
Al2O3	16.08	17.29	19.18	C 3.40	
Fe2O3	5.27	2.17	1.54	OR 15.25	OLA 15.91 NEA 18.98 GA 65.11 SUBALKALINE
FeO	0.00	3.14	2.48	AB 17.37	
CaO	4.39	4.72	4.76	AN 29.16	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
MgO	2.94	3.16	4.43	LC 0.00	
Na2O	1.77	1.90	3.47	NE 0.00	A 34.96 F 40.15 K 24.89 TROLETTIC
K2O	2.36	2.54	3.05	KP 0.00	
TiO2	0.52	0.56	0.40	AC 0.00	AL2O3 17.29 NORM PLAG 57.15 CALC-ALKALINE
P2O5	0.09	0.10	0.08	DC 0.00	
MnO	0.09	0.10	0.08	HE 0.00	AN 41.52 ABA 31.13 OR 27.35 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.87	
NiO	0.00	0.00	0.00	ES 2.77	CI 14.74 NORM PLAG 57.15 BASALT
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 68.26 FE 75.96 MG 15.78
LOI	6.07	0.00	0.00	MT 2.31	
TOTAL	92.99	100.00	100.00	IL 0.79	
				CR 0.00	COIOR INDEX : 14.74
				HM 0.00	HASHIMOTO INDEX : 46.25
				AP 0.21	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 11.64	
				CPX 0.00	
				ABA 17.37	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 475.00:CU 20.00:ZN 33.00:NI 20.00:RB 66.00:SR 139.00:Y 20.00:ZR 60.00:NB 20.00:

COMMENTS : CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:39:29

SAMPLE ID # VA14112

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 722.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES					
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %							
SiO2	60.49	65.24	61.92	Q	30.97	NA2O+K2O	3.49	SiO2	65.24	SUBALKALINE	
Al2O3	15.13	16.32	18.26	C	4.17	Al2O3	16.32	NORM PLAG	69.12	TROLEITIC	
Fe2O3	5.95	2.17	1.55	OR	14.45	AN	48.12	ABA 21.50	OR	30.39	K-RICH SERIES
FeO	0.00	3.82	3.04	AB	10.22	CI	17.10	NORM PLAG	69.12	BASALT	
CaO	4.29	4.63	4.71	AN	22.88	TENSEN	64.37	FE 17.83	MG	17.75	
MgO	3.30	3.56	5.03	LC	0.00	COLOR INDEX :	17.10				
Na2O	1.03	1.11	2.04	NE	0.00	WASHIMOTO INDEX :	50.88				
K2O	2.21	2.38	2.89	KP	0.00						
TiO2	0.51	0.55	0.39	AC	0.00						
P2O5	0.09	0.10	0.08	DI	0.00						
MnO	0.11	0.12	0.10	KE	0.00						
S	0.00	0.00	0.00	EN	10.07						
NiO	0.00	0.00	0.00	ES	3.93						
Cr2O3	0.00	0.00	0.00	ED	0.00						
CO2	0.00	0.00	0.00	FA	0.00						
H2O+	0.00	0.00	0.00	WO	0.00						
H2O-	0.00	0.00	0.00	LN	0.00						
LOI	6.06	0.00	0.00	MT	2.32						
TOTAL	92.72	100.00	100.00	IL	0.79						
				CR	0.00						
				HM	0.00						
				AP	0.21						
				PD	0.00						
				NS	0.00						
				KS	0.00						
				RU	0.00						
				AG	0.00						
				DL	0.00						
				DPX	14.00						
				CPX	0.00						
				ABA	10.22						

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HG (P.P.B.)

BA 461.00:CU 20.00:ZN 63.00:NI 20.00:RB 53.00:SR 137.00:Y 20.00:ZR 75.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I . I D =====
 === EXPLOATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:40:10

SAMPLE ID # VA14113

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 735.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.33	68.55	65.80	Q 37.38	NA20+K20 3.87 SiO2 68.55 SUBALKALINE
Al2O3	13.70	15.07	17.05	C 4.13	
Fe2O3	6.05	2.13	1.54	OR 18.27	OLA 13.16 NEA 8.98 QA 77.86 SUBALKALINE
FeO	0.00	4.07	3.26	AB 8.29	
CaO	3.46	3.81	3.91	AN 19.05	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.67	1.84	2.63	LC 0.00	
Na2O	0.81	0.89	1.66	NE 0.00	A 33.10 F 51.19 M 15.70 THOLEITIC
K2O	2.71	2.98	3.65	KP 0.00	
TiO2	0.44	0.48	0.35	AC 0.00	AL2O3 15.07 NORM PLAG 69.68 THOLEITIC
P2O5	0.07	0.08	0.06	DC 0.00	
MnO	0.10	0.11	0.09	HE 0.00	AN 47.76 ABA 18.18 OR 40.06 K-RICH SERIES
S	0.00	0.00	0.00	EN 5.25	
NiO	0.00	0.00	0.00	ES 4.47	CI 12.73 NORM PLAG 69.68 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN THOLEITIC DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 68.41 FE 21.05 MG 10.54
LOI	6.70	0.00	0.00	MT 2.31	
TOTAL	90.93	100.00	100.00	IL 0.70	COLOR INDEX : 12.73 WASHINGTON INDEX : 50.64
				CR 0.00	
				HM 0.00	
				AP 0.17	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.72	
				CPX 0.00	
				ABA 8.29	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 426.00:CU 43.00:ZN 374.00:NI 20.00:RB 70.00:SK 119.00:Y 20.00:ZK 66.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14114

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE :
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 745.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	73.16	78.55	76.47	Q	61.32	NA2O+K2O	2.47	SiO2	78.55	SUBALKALINE		
Al2O3	10.84	11.64	13.35	C	7.07	OLA	5.48	NEA	1.52	QA	93.00	SUBALKALINE
Fe2O3	3.85	2.02	1.48	OR	14.22	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	1.90	1.55	AB	1.72	A	32.84	F	49.46	M	17.70	THOLEITIC
CaO	1.46	1.57	1.64	AN	7.73	AL2O3	11.64	NORM	PLAG	81.78	THOLEITIC	
MgO	1.24	1.33	1.93	LC	0.00	AN	32.67	ABA	7.28	OR	60.06	K-RICH SERIES
Na2O	0.17	0.18	0.34	NE	0.00	E1	7.79	NURK	PLAG	81.78	BASALT	
K2O	2.13	2.29	2.84	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.38	0.41	0.30	AC	0.00	Al	71.58	FE	18.07	MG	10.35	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX : 7.79						
MnO	0.05	0.05	0.04	BE	0.00	HASHIMOTO INDEX : 67.40						
S	0.00	0.00	0.00	EN	3.86							
NiO	0.00	0.00	0.00	FS	1.11							
CR2O3	0.00	0.00	0.00	SO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.12	0.00	0.00	MT	2.22							
TOTAL	93.14	100.00	100.00	IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	4.97							
				CPX	0.00							
				ABA	1.72							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,DS,RH,RU,HB (P.P.B.)

BA 353.00:CU 32.00:ZN 1570.00:NI 20.00:RB 50.00:SR 81.00:Y 20.00:ZR 75.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:41:33

SAMPLE ID # VA14115

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 760.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.73	66.15	62.88	Q 33.27	NA2O+K2O 3.95 SiO2 66.15 SUBALKALINE
Al2O3	15.39	17.05	19.10	C 5.28	
Fe2O3	4.92	2.24	1.60	OR 17.95	OLA 14.16 NE* 10.53 O* 75.31 SUBALKALINE
FeO	0.00	2.89	2.30	AB 9.18	
CaO	3.85	4.26	4.34	AN 20.97	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.40	2.66	3.77	CC 0.00	
Na2O	0.90	1.00	1.84	NE 0.00	A 34.34 F 42.58 M 23.08 TROLEITIC
K2O	2.67	2.96	3.59	KP 0.00	
TiO2	0.52	0.58	0.41	AC 0.00	Al2O3 17.05 NORM PLAG 69.54 TROLEITIC
P2O5	0.10	0.11	0.09	DT 0.00	
MnO	0.10	0.11	0.09	HE 0.00	AN 43.59 ABA 19.09 OR 37.31 K-RICH SERIES
S	0.00	0.00	0.00	EN 7.53	
NiO	0.00	0.00	0.00	ES 2.35	CI 13.10 NORM PLAG 69.54 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 70.05 Fe 16.14 Mg 13.81
LOI	8.91	0.00	0.00	MT 2.40	
TOTAL	90.29	100.00	100.00	IL 0.82	COLOR INDEX : 13.10
				CR 0.00	HASHIMOTO INDEX : 51.63
				HM 0.00	
				AP 0.24	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.88	
				CPX 0.00	
				ABA 9.18	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,TR,OS,RH,RU,SG (P.P.B.)

BA 437.00:CU 23.00:ZN 78.00:NI 20.00:Rb 76.00:SR 147.00:Y 20.00:Zr 88.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:42:14

SAMPLE ID # VA14116

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 770.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 28-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.40	64.83	61.50	Q 27.26	NA2O+K2O 3.83 SiO2 64.83 SUBALKALINE
Al2O3	13.70	15.47	17.30	C 0.89	
Fe2O3	5.76	2.20	1.57	OR 15.80	OLA 20.04 NEA 12.82 OA 67.15 SUBALKALINE
FeO	0.00	3.87	3.07	AB 11.22	
CaO	4.90	5.53	5.63	AN 27.52	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.12	3.52	4.98	LC 0.00	
Na2O	1.08	1.22	2.24	NE 0.00	A 28.99 F 44.32 M 26.68 THOLEIITIC
K2O	2.31	2.61	3.16	KP 0.00	
TiO2	0.45	0.51	0.36	AC 0.00	AL2O3 15.47 NORM PLAG 71.04 THOLEIITIC
P2O5	0.08	0.09	0.07	DI 0.00	
MnO	0.12	0.14	0.11	HE 0.00	AN 50.46 AB* 20.57 OR 28.98 K-RYCK SERIES
S	0.00	0.00	0.00	EN 9.96	
NiO	0.00	0.00	0.00	FS 4.06	CI 17.11 NORM PLAG 71.04 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 63.15 FE 18.67 MG 18.18
LOI	9.51	0.00	0.00	MT 2.36	
TOTAL	88.54	100.00	100.00	IL 0.73	COLOR INDEX : 17.11 HASKIKOTO INDEX : 47.59
				CK 0.00	
				HM 0.00	
				AP 0.19	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.03	
				CPX 0.00	
				AB* 11.22	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TR,OS,RH,RU,HG (P.P.B.)

BA 364.00:CU 40.00:ZN 167.00:NI 20.00:RB 53.00:SR 179.00:Y 22.00:ZR 71.00:NR 20.00:

COMMENTS : STRONGLY SERICITIZED, MODERATELY CALCAREOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:43:35

SAMPLE ID # VA14117

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 668.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,SIRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 31-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.11	67.13	62.22	Q 24.46	NA2O+K2O 6.18 SiO2 67.13 SUBALKALINE
Al2O3	16.07	17.09	18.67	C 4.01	
Fe2O3	2.93	2.23	1.56	OR 15.93	OLA 9.79 NEA 29.30 OA 60.91 SUBALKALINE
FeO	0.00	0.79	0.62	AB 31.34	
CaO	2.57	2.73	2.71	AN 13.02	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.85	3.03	4.19	LD 0.00	
Na2O	3.24	3.49	6.27	NE 0.00	A 51.43 F 23.34 N 25.23 CALC-ALKALINE
K2O	2.53	2.69	3.19	KP 0.00	
TiO2	0.60	0.64	0.44	AC 0.00	AL2O3 17.09 NORM PLAG 29.34 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI 0.00	
MnO	0.08	0.09	0.07	HE 0.00	AN 21.59 ABA 51.99 OR 26.42 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.37	
NaF	0.00	0.00	0.00	FS 0.00	CI 11.06 NORM PLAG 29.34 DACITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 73.10 FE 10.57 MG 16.39
LOI	5.87	0.00	0.00	MT 0.71	
TOTAL	94.02	100.00	100.00	IL 0.89	COLOR INDEX : 11.06 WASHIKOTO INDEX : 47.91
				CR 0.00	
				HM 1.08	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				DPX 8.37	
				CPX 0.00	
				AB* 31.34	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,GA,RU,HG (P.P.B.)

BA 536.00:CU 24.00:ZN 31.00:NI 20.00:RH 75.00:SR 110.00:Y 20.00:ZK 85.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14118

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 655.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1X ,PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMINCO

DATE : 31-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.58	67.20	63.17	Q 38.98	NA2O+K2O 2.63 SiO2 67.20 SUBALKALINE
Al2O3	14.55	15.38	17.04	C 12.62	
Fe2O3	6.01	2.09	1.48	OR 12.12	OLA 27.21 NEA 4.79 QA 68.00 SUBALKALINE
FeO	0.00	3.83	3.01	AB 5.59	
CaO	0.52	0.55	0.55	AN 2.21	DPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	7.24	7.65	10.72	LC 0.00	
Na2O	0.58	0.61	1.12	NE 0.00	A 16.45 F 35.72 M 47.83 THOLEIITIC
K2O	1.91	2.02	2.42	KP 0.00	
TiO2	0.48	0.51	0.36	AC 0.00	AL2O3 15.38 NORM PLAG 28.31 CALC-ALKALINE
P2O5	0.08	0.08	0.07	DC 0.00	
MnO	0.06	0.06	0.05	HE 0.00	AN 11.08 ANA 28.06 OR 60.86 K-RICH SERIES
S	0.00	0.00	0.00	SN 21.44	
NiO	0.00	0.00	0.00	FS 3.93	CI 28.31 NORM PLAG 28.31 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	TENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 52.17 FE 15.01 MG 32.82
LOI	4.86	0.00	0.00	MT 2.22	
TOTAL	94.61	100.00	100.00	IL 0.72	
				DR 0.00	COLOD INDEX : 28.31
				HM 0.00	HASHIMOTO INDEX : 89.27
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				KU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 25.37	
				CPX 0.00	
				ABA 5.59	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,IR,OS,R.L,RU,MO (P.P.B.)

BA 459.00:CU 387.00:ZN 59.00:NI 20.00:RB 58.00:SR 45.00:Y 20.00:ZR 79.00:NI 20.00:

COMMENTS :

REPORT #2000

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F A L C O N B R I D G E L I D
=== EXPLORATION DIVISION ===

SAMPLE ID # VA14119

WHOLE ROCK GEOCHEMICAL ANALYSIS

PAGE :
PRINTED 07-SEP-90
14:03:50

LAB REPORT # X90-132
TOWNSHIP :
TNS : 082N05
UTM ZONE : 11
SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
LOT : 0 CONVESSION :
GRID COORDINATES : E : 0.0 N : 0.0 E1 : 1860.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
FINAL NAME :
ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
MINERALIZATION : STRONGERS, 1-5%, PYRITE.
FORMATION :

SAMPLED BY : C RUSSELL
ANALYZED BY : COMINCO

DATE : 11-AUG-90
DATE : 06-SEP-90

ANALYTICAL
TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORX	CLASSIFICATIONS AND INDICES
	WT %	ANHYDROUS WT %	ANHYDROUS WT %	ANHYDROUS CATION %		
SI02	60.09	64.23	61.14	0	35.57	MA20+K2O 4.73 SI02 64.23 CORALALINE
AL2O3	18.27	19.53	21.91	0	15.42	DLK 22.33 NKA 0.12 GA 77.57 SERIALKALINE
FE2O3	6.98	2.15	1.54	0K	26.72	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
FE0	0.00	4.78	3.81	08	0.10	A 31.87 F 45.18 H 22.95 THOULITIC
CAO	0.44	0.47	0.48	AN	1.82	AL2O3 19.53 NORM PLAG 94.87 THOULITIC
MGO	3.19	3.41	4.84	LC	0.00	AN 5.95 ANK 0.32 OR 93.73 K-RICH SERIES
NA2O	0.01	0.01	0.02	NE	0.00	CI 18.19 NORM PLAG 94.87 DASALT
K2O	4.42	4.72	5.74	KP	0.00	
TIO2	0.51	0.55	0.39	AC	0.00	
P2O5	0.08	0.09	0.07	0C	0.00	
MNO	0.08	0.09	0.07	HE	0.00	
S	0.00	0.00	0.00	EN	9.67	
NiO	0.00	0.00	0.00	ES	5.43	
CR2O3	0.00	0.00	0.00	FO	0.00	
CO2	0.00	0.00	0.00	EA	0.00	
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN	0.00	AL 67.31 FE 17.83 K6 14.86
L21	5.85	0.00	0.00	MT	2.31	
TOTAL	93.57	100.00	100.00	IL	0.78	COLOR INDEX : 18.19
				CR	0.00	HASHIMOTO INDEX : 94.42
				RM	0.00	
				AP	0.18	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				KU	0.00	
				AG	0.00	
				OL	0.00	
				OPX	15.10	
				CPX	0.00	
				ABA	0.10	

TRACE ELEMENTS (P.P.M.) AUR,RE,PT,PD,TR,OS,RH,KU,HB (P.P.B.)

BA 1243.00:CU 51.00:ZN 494.00:W1 20.00:8K 130.00:5R 47.00:Y 20.00:ZK 79.00:WB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:34:33

SAMPLE ID * VAI4120

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.68	65.31	61.84	Q 36.07	NA2O+K2O 3.77 SiO2 65.31 SUBALKALINE
Al2O3	16.31	17.27	19.28	C 12.93	
Fe2O3	6.33	2.12	1.51	OR 22.47	OLA 26.92 NFA 0.51 QA 72.57 SUBALKALINE
FeO	0.00	4.13	3.27	AA 0.49	
CaO	0.91	0.96	0.98	AN 4.39	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.29	5.60	7.90	CC 0.00	
Na2O	0.05	0.05	0.10	NE 0.00	A 24.47 F 39.16 M 36.37 THOLEIITIC
K2O	3.51	3.72	4.49	KP 0.00	AL2O3 17.27 NORM PLAG 90.04 THOLEIITIC
TiO2	0.50	0.53	0.38	AC 0.00	
P2O5	0.07	0.07	0.06	OC 0.00	AN 16.06 ANA 1.78 OR 82.17 K-RICH SERIES
MnO	0.23	0.24	0.20	HE 0.00	CI 23.49 NORM PLAG 90.04 BASALT
S	0.00	0.00	0.00	EN 15.81	
NiO	0.00	0.00	0.00	ES 4.66	JENSEN CALC-ALKALINE BASALT
CR2O3	0.00	0.00	0.00	ED 0.00	AI 59.26 FE 16.44 MG 24.30
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	COLOR INDEX : 23.49
H2O-	0.00	0.00	0.00	LN 0.00	WASHIMOTO INDEX : 90.16
LOI	4.75	0.00	0.00	WT 2.26	
TOTAL	94.45	100.00	100.00	IL 0.75	
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 20.47	
				CPX 0.00	
				AB* 0.49	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, OS, RH, RU, HS) (P.P.B.)

BA 1031.00:DU 87.00:ZN 818.00:NI 20.00:RB 112.00:SR 45.00:Y 20.00:ZR 64.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:35:15

SAMPLE ID # VA14121

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% , PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 11-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	67.26	70.39	67.38	Q	47.02	NA2O+K2O	3.07	SiO2	70.39	SUBALKALINE		
Al2O3	14.37	15.04	16.97	C	12.79	OLA	20.18	NA*	0.09	QA*	79.73	SUBALKALINE
Fe2O3	6.16	2.03	1.46	OK	18.68	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	3.97	3.18	AK	0.10	A	22.92	F	43.36	M	93.72	THOLEIITIC
CaO	0.29	0.30	0.31	AN	1.06	AL2O3	15.04	NORM FLAG	97.61	THOLEIITIC		
MgO	4.31	4.51	6.43	LC	0.00	AN	5.35	AA*	0.49	OR	94.16	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI	20.20	NORM FLAG	91.61	BASALT		
K2O	2.92	3.06	3.74	KP	0.00	TENSEN CALC-ALKALINE BASALT						
TiO2	0.44	0.46	0.33	AC	0.00	AL	59.54	FE	17.88	MG	22.58	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX : 20.20						
MnO	0.14	0.15	0.12	HE	0.00	KASHIMOTO INDEX : 96.02						
S	0.00	0.00	0.00	SM	12.87							
NiO	0.00	0.00	0.00	FS	4.47							
Cr2O3	0.00	0.00	0.00	ZO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.28	0.00	0.00	MI	2.19							
TOTAL	95.55	100.00	100.00	IL	0.66							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.34							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rb, RU, Y (P.P.B.)

BA 846.00:CU 132.00:ZN 415.00:NI 20.00:RB 82.00:SR 35.00:Y 20.00:ZR 81.00:NB 20.00:

COMMENTS :

==== F A L C O N R R I D G E I . I . D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 11:35:57

SAMPLE ID * VA14122

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # K90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CUMINCO

DATE : 11-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.75	67.68	64.38	Q 42.12	NA2O+K2O 3.49 SiO2 67.68 SUBALKALINE
Al2O3	15.93	16.65	18.67	C 14.45	
Fe2O3	6.35	2.10	1.50	OR 21.14	OLA 23.35 NEA 0.09 QA 76.55 SUBALKALINE
FeO	0.00	4.08	3.25	AB 0.10	
CaO	0.08	0.08	0.09	AN 0.03	DPX 0.00 DL 0.00 DPX 100.00 SUBALKALINE
MgO	4.94	5.16	7.32	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 23.87 F 40.83 M 35.30 THOLEIITIC
K2O	3.33	3.48	4.23	KP 0.00	
TiO2	0.51	0.53	0.38	AC 0.00	AL2O3 16.65 NORM PLAG 0.00 CALC-ALKALINE
P2O5	0.07	0.07	0.06	DT 0.00	
MnO	0.13	0.14	0.11	HE 0.00	AN 0.00 ABA 0.45 OR 99.55 K-ROCK SERIES
S	0.00	0.00	0.00	EN 14.64	CI 22.11 NORM PLAG 0.00 DACITE
NiO	0.00	0.00	0.00	FS 4.45	
Cr2O3	0.00	0.00	0.00	FU 0.00	JENSEN CALC-ALKALINE BASALT
CO2	0.00	0.00	0.00	FA 0.00	AL 59.78 FE 16.78 NG 23.44
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	4.35	0.00	0.00	MT 2.26	
TOTAL	95.67	100.00	100.00	IL 0.76	COLOR INDEX : 22.11
				CR 0.00	WASHBURN INDEX : 98.92
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 19.09	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, US, RI, RU, HG (P.P.B.)

BA 957.00:CU 81.00:ZN 357.00:NI 21.00:RB 99.00:SK 35.00:Y 20.00:ZK 79.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14123

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMNCO OPTION
 0.0 N : 0.0 EL : 1130.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASA, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE .LOOK AT COMMENTS.
 MINERALIZATION : NIL ,NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMNCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS
SiO2	55.02	58.77	54.04	Q 6.05
Al2O3	16.90	18.05	19.57	C 1.88
Fe2O3	8.59	2.26	1.57	DR 8.09
FeO	0.00	6.22	4.78	AB 45.89
CaO	3.38	3.61	3.56	AN 17.23
MgO	3.49	3.79	5.11	LC 0.00
Na2O	4.82	5.15	9.18	NE 0.00
K2O	1.39	1.38	1.62	KP 0.00
TiO2	0.62	0.66	0.46	AC 0.00
P2O5	0.08	0.09	0.07	BE 0.00
MnO	0.07	0.07	0.06	HE 0.00
S	0.00	0.00	0.00	EN 10.22
NiO	0.00	0.00	0.00	FS 7.20
Cr2O3	0.00	0.00	0.00	ED 0.00
CO2	0.00	0.00	0.00	EA 0.00
H2O+	0.00	0.00	0.00	WO 0.00
H2O-	0.00	0.00	0.00	LN 0.00
LOI	5.58	0.00	0.00	MT 2.35
TOTAL	93.61	100.00	100.00	IL 0.92
				CR 0.00
				HM 0.00
				AP 0.18
				PQ 0.00
				NS 0.00
				KS 0.00
				RJ 0.00
				AG 0.00
				OL 0.00
				OPX 17.42
				CPX 0.00
				ABA 45.89

CLASSIFICATIONS AND INDICES					
NA2O+K2O	6.53	SiO2	58.77	SUBALKALINE	
Or	18.83	NFA	39.70	QA	47.47
CPX	0.00	OL	0.00	DPX	100.00
A	35.26	F	44.60	M	20.34
Al2O3	18.05	NORM	PLAG	27.30	CALC-ALKALINE
AN	24.20	ABA	64.44	OR	11.36
CI	20.68	NORM	PLAG	27.30	ANDESITE

JENSEN CALC-ALKALINE ANDESITE
 AL 62.03 EE 21.77 NG 16.20

COLOR INDEX : 20.68
 CASHMOTO INDEX : 36.83

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RB, HG (P.P.B.)

8A 861.00:EU 20.00:ZN 89.00:NI 20.00:RH 61.00:SR 171.00:Y 20.00:ZR 97.00:NB 20.00:

COMMENTS : IRON CARBONATE

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:44:17

SAMPLE ID # VA14124

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 EL : 1022.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.81	59.37	55.02	Q 8.43	NA2O+K2O 7.12 SiO2 59.37 SUBALKALINE
Al2O3	16.77	18.50	20.31	C 1.67	
Fe2O3	6.82	2.22	1.55	OR 21.55	Or* 19.44 Ne* 34.99 Q* 45.56 SUBALKALINE
FeO	0.00	4.78	3.70	AB 31.22	
CaO	3.75	4.14	4.11	AN 19.96	CPX 0.00 Or 0.00 OPX 100.00 SUBALKALINE
MgO	2.85	3.14	4.34	LC 0.00	
Na2O	3.15	3.48	6.24	NE 0.00	A 41.78 F 39.75 M 18.46 THOLEIITIC
K2O	3.80	3.64	4.31	KP 0.00	
TiO2	0.51	0.56	0.39	AC 0.00	Al2O3 18.50 NORM FLAG 39.00 CALC-ALKALINE
P2O5	0.08	0.09	0.07	U1 0.00	
MnO	0.07	0.08	0.06	HE 0.00	AN 37.45 ABA 42.93 OR 29.62 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.69	
NiO	0.00	0.00	0.00	ES 5.19	CI 16.98 NORM FLAG 39.00 ANDESITE
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.80 FE 18.84 MG 14.35
LOI	7.65	0.00	0.00	MT 2.32	
TOTAL	90.63	100.00	100.00	IL 0.78	COLDR INDEX : 16.98
				CR 0.00	HASHIMOTO INDEX : 47.13
				AM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.88	
				CPX 0.00	
				ABA 31.22	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1623.00:EU 28.00:ZN 122.00:NI 20.00:RB 103.00:SR 207.00:Y 20.00:ZR 97.00:NB 20.00:

COMMENTS : WEAKLY CALCAREOUS, WEAKLY CHLORITIC ALONG FRACTURES

==== F A L C O N R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:44:59

SAMPLE ID # VA14125 - STANDARD

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M03
 UTM ZONE : 11
 AMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 0.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : INDUCED COUPLED PLASMA

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	71.43	71.65	67.31	31.12	Na2O+K2O 7.40 SiO2 71.65 SUBALKALINE
Al2O3	14.66	14.70	16.28	3.17	
Fe2O3	3.46	1.93	1.36	25.33	OL* 3.26 NE* 27.66 Q* 69.00 SUBALKALINE
FeO	0.00	1.39	1.09	28.95	
CaO	1.38	1.38	1.39	5.63	CPX 0.00 OL 0.00 Opx 100.00 SUBALKALINE
MgO	0.85	0.85	1.19	0.00	
Na2O	3.17	3.18	5.79	0.00	A 65.06 F 27.45 M 7.49 CALC-ALKALINE
K2O	4.21	4.23	5.07	0.00	
TiO2	0.42	0.42	0.30	0.00	Al2O3 14.70 NORM FLAG 16.29 CALC-ALKALINE
P2O5	0.20	0.20	0.16	0.00	
MnO	0.07	0.07	0.06	0.00	AN 9.40 AR* 42.32 OR 42.20 K-RICH. SERIES
S	0.00	0.00	0.00	2.39	
NiO	0.00	0.00	0.00	0.34	C1 5.36 NORM FLAG 16.29 DACITE
CR2O3	0.00	0.00	0.00	0.00	
CO2	0.00	0.00	0.00	0.00	
H2O+	0.00	0.00	0.00	0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	0.00	AL 80.28 FE 13.84 MG 5.89
LOI	0.63	0.00	0.00	2.04	
TOTAL	99.70	100.00	100.00	0.60	COLOR INDEX : 5.36 WASHIMOTO INDEX : 52.65
				CR 0.00	
				HM 0.00	
				AP 0.43	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 2.73	
				CPX 0.00	
				AR* 28.95	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RO,RU,SG (P.P.B.)

BA 110.00:CU 20.00:ZN 95.00:NI 20.00:RE 185.00:SK 124.00:Y 29.00:ZR 162.00:NB 22.00:

COMMENTS : STANDARD GI-A

REPORT #2000

SAMPLE ID : VA14126

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-109
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : F :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 1205.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : CDMNCO

DATE : 17-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	68.07	69.99	65.18	Q	31.30
Al2O3	15.56	16.00	17.56	C	7.01
Fe2O3	4.50	1.96	1.38	QR	11.99
FeO	0.00	2.40	1.87	AB	35.09
CaO	0.62	0.64	0.64	AN	2.84
MgO	2.51	2.58	3.58	LC	0.00
Na2O	3.78	3.89	7.02	NE	0.00
K2O	1.96	2.02	2.40	KP	0.00
TiO2	0.41	0.42	0.30	AC	0.00
P2O5	0.05	0.05	0.04	BI	0.00
MnO	0.05	0.05	0.04	HE	0.00
S	0.00	0.00	0.00	SN	7.16
NiO	0.00	0.00	0.00	FS	1.85
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	2.35	0.00	0.00	MT	2.06
TOTAL	97.25	100.00	100.00	IL	0.59
				CR	0.00
				HM	0.00
				AP	0.11
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	9.01
				CPX	0.00
				AB*	35.09

CLASSIFICATIONS AND INDICES					
Na2O+K2O	5.90	SiO2	69.99		SUBALKALINE
OLA	8.96	NE*	27.92	Q*	63.33
CPX	0.00	OL	0.00	OPX	100.00
A	46.67	F	32.92	M	20.41
Al2O3	16.00	NORM	PLAG	7.49	CALC-ALKALINE
AN	5.69	ABA	70.29	QR	24.01
CJ	11.67	NORM	PLAG	7.49	RHYOLITE
JENSEN CALC-ALKALINE DACITE					
AL	21.04	FE	14.47	MG	14.49
COLOR INDEX : 11.67					
HASHIMOTO INDEX : 50.39					

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,IR,OS,RH,RU,SG (P.P.B.)

BA 1883.00:CU 152.00:ZN 212.00:NI 20.00:RB 59.00:SR 95.00:Y 20.00:ZK 91.00:WB 20.00:

COMMENTS : SHEARED WITH ARGILLITE WISPS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:27:46

SAMPLE ID # VA14137

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-109
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTOR (A RESOURCES OPTION)
 0.0 N : 0.0 EL : 1180.0

FIELD NAME : VOLCANICLASTIC,MAFIC ,ASH.
 FINAL NAME :
 ALTERATION : SPOTS ,SILICIFICATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS,<1% ,PYRRHOTITE.
 FORMATION :

SAMPLED BY : AD McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 17-JUL-90
 DATE : 09-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.08	66.46	63.32	Q	38.13	NA2O+K2O	1.87	SiO2	66.46	SUBALKALINE		
Al2O3	11.96	12.41	13.93	C	7.49	OLA	23.20	NdA	12.09	Q*	64.71	SUBALKALINE
Fe2O3	9.38	2.92	2.10	OR	1.01	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	6.12	4.88	AB	15.71	A	11.00	F	51.56	M	37.45	THOLEIITIC
CaO	1.87	1.94	1.98	AN	7.73	Al2O3	12.41	NORM	PLAG	32.99	THOLEIITIC	
MgO	6.13	6.36	9.03	LC	0.00	AN	31.63	ABA*	64.24	OR	4.13	K-POOR SERIES
Na2O	1.64	1.70	3.14	NE	0.00	CI	29.23	NORM	PLAG	32.99	ANDESITE	
K2O	0.16	0.17	0.20	KP	0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT						
TiO2	1.32	1.37	0.98	AC	0.00	AI	44.79	FE	26.18	MG	29.03	
P2O5	0.31	0.32	0.26	BT	0.00	COLOR INDEX : 29.23						
MnO	0.22	0.23	0.18	HE	0.00	HASHIMOTO INDEX : 64.18						
S	0.00	0.00	0.00	EN	18.05							
NiO	0.00	0.00	0.00	FS	6.07							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.91	0.00	0.00	MT	3.15							
TOTAL	96.41	100.00	100.00	IL	1.96							
				CR	0.00							
				HM	0.00							
				AP	0.69							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	24.12							
				CPX	0.00							
				ABA*	15.71							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,DS,K4,RU,UG (P.P.B.)

BA 123.00:CU 142.00:ZN 49.00:NI 23.00:RB 24.00:SR 117.00:Y 20.00:ZR 138.00:NR 25.00:

COMMENTS : WEAKLY HORNEELS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:34:39

SAMPLE ID # VA14128

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 KL : 755.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 24-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	70.50	73.22	69.40	Q 41.61	NA2O+K2O 5.70 SiO2 73.22 SUBALKALINE
Al2O3	15.58	16.18	18.08	C 7.47	
Fe2O3	2.79	1.95	1.39	DR 20.74	AlA 1.25 NEA 19.73 GA 79.03 SUBALKALINE
FeO	0.00	0.85	0.67	AB 20.90	
CaO	1.16	1.20	1.22	AN 5.70	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.36	0.37	0.53	LC 0.00	
Na2O	2.19	2.27	4.18	NE 0.00	A 65.67 F 30.03 M 4.31 TROLEITIC
K2O	3.30	3.43	4.15	KP 0.00	
TiO2	0.38	0.39	0.28	AC 0.00	Al2O3 16.18 NORM PLAG 21.43 CALC-ALKALINE
P2O5	0.06	0.06	0.05	RI 0.00	
MnO	0.05	0.05	0.04	HE 0.00	AN 12.04 ABA 44.14 DR 43.82 K-KICK SERIES
S	0.00	0.00	0.00	EN 1.06	
NiO	0.00	0.00	0.00	FS 0.00	DI 3.45 NORM PLAG 21.43 DACITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 86.10 Fe 11.38 Mg 2.52
LOI	3.08	0.00	0.00	MT 1.30	
TOTAL	96.28	100.00	100.00	IL 0.56	COLOR INDEX : 3.45
				CR 0.00	HASHIMOTO INDEX : 52.21
				HM 0.52	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.06	
				CPX 0.00	
				ABA 20.90	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RH, RU, HG (P.P.B.)

BA 890.00:CU 20.00:ZN 37.00:NI 20.00:RB 95.00:SR 75.00:Y 20.00:ZR 83.00:NB 20.00:

COMMENTS : SUBCROP

REPORT #2000

SAMPLE ID # VA14129

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 RL : 905.0

FIELD NAME : METAMORPHIC , INTERMEDIATE, MEDIUM, HORNFELS.
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 25-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.46	63.89	59.66	Q 19.86	NA2O+K2O 5.43 SiO2 63.89 SUBALKALINE
Al2O3	16.43	16.81	18.50	C 1.21	
Fe2O3	5.50	2.03	1.42	OR 15.68	OL* 15.93 NFA 26.51 QA 57.56 SUBALKALINE
FeO	0.00	3.24	2.53	AR 25.37	
CaO	4.54	4.64	4.65	AN 22.69	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.17	3.24	4.51	LC 0.00	
Na2O	2.74	2.80	5.07	NE 0.00	A 39.54 F 36.85 M 23.63 TRIOLETTIC
K2O	2.57	2.63	3.14	KP 0.00	
TiO2	0.48	0.49	0.34	AC 0.00	Al2O3 16.87 NORM PLAG 47.22 CALC-ALKALINE
P2O5	0.08	0.09	0.06	DI 0.00	
MnO	0.14	0.14	0.11	HE 0.00	AN 35.60 ABA 39.80 OR 24.59 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.02	
NiO	0.00	0.00	0.00	ES 3.17	CI 15.02 NORM PLAG 47.22 ANDESITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 67.46 FE 16.09 MG 16.46
LOI	1.72	0.00	0.00	MT 2.13	
TOTAL	97.76	100.00	100.00	IL 0.69	COLOR INDEX : 15.02
				CR 0.00	WASHIMOTO INDEX : 44.09
				HM 0.00	
				AP 0.17	
				FO 0.00	
				NS 0.00	
				KS 0.00	
				KU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.20	
				CPX 0.00	
				ABA 25.37	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RI, RU, HG (P.P.B.)

BA	943.00:CU	20.00:ZN	39.00:NI	20.00:KH	62.00:SK	183.00:Y	20.00:ZR	102.00:NB	20.00:
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COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:35:20

SAMPLE ID # VA14130

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-115
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1265.0

FIELD NAME : IGNEOUS ,FELSIC,MEDIUM,FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,SIRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 25-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	65.62	67.39	61.97	Q	18.54	NA2O+K2O	8.11	SiO2	67.39	SUBALKALINE		
Al2O3	16.85	17.30	18.76	C	3.37	OLA	4.72	NEA	40.83	QA	54.45	SUBALKALINE
Fe2O3	4.09	2.00	1.39	OK	15.26	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.98	1.52	AB	49.16	A	61.72	F	28.75	M	9.53	CALC-ALKALINE
CaO	1.33	1.37	1.35	AN	6.26	AL2O3	17.30	NORM	PLAG	11.30		CALC-ALKALINE
MgO	1.22	1.23	1.72	LC	0.00	AN	8.86	ABA	69.55	OR	21.59	AVERAGE SERIES
Na2O	5.37	5.51	9.83	NE	0.00	CI	7.26	NORM	PLAG	11.30		RYOLITE
K2O	2.53	2.60	3.05	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.45	0.46	0.32	AC	0.00	Al	78.98	FE	13.79	MG	7.23	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX : 7.26						
MnO	0.06	0.06	0.05	HE	0.00	HASHIMOTO INDEX : 35.89						
S	0.00	0.00	0.00	EM	3.43							
NiO	0.00	0.00	0.00	FS	1.11							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.56	0.00	0.00	MT	2.08							
TOTAL	97.38	100.00	100.00	IL	0.64							
				CR	0.00							
				HM	0.00							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	4.55							
				CPX	0.00							
				ABA	49.16							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1113.00:CU 27.00:ZN 44.00:NI 20.00:RB 87.00:SK 186.00:Y 20.00:ZR 82.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:44:58

SAMPLE ID # VA14131

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E L : 720.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	47.49	53.36	50.75	Q 79.39	NA2O+K2O 0.88 ST02 53.36 SUBALKALINE
Al2O3	13.15	14.77	16.56	C 6.76	
Fe2O3	13.13	3.91	2.80	OR 2.73	Or* 46.37 NE* 3.87 R* 49.77 SUBALKALINE
FeO	0.00	9.76	7.76	AB 3.94	
CaO	4.16	4.67	4.76	AN 21.17	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	8.78	9.86	13.98	LC 0.00	
Na2O	0.38	0.43	0.79	NE 0.00	A 3.65 F 55.27 K 41.00 THOLEIITIC
K2O	0.40	0.45	0.55	KP 0.00	AL2O3 14.77 NORM PLAG 84.32 THOLEIITIC
TiO2	1.98	2.32	1.59	AC 0.00	
P2O5	0.35	0.39	0.32	DI 0.00	
MnO	0.15	0.17	0.14	HE 0.00	AN 76.06 AB* 14.14 OR 9.61 AVERAGE SERIES
S	0.00	0.00	0.00	EN 27.97	
NiO	0.00	0.00	0.00	FS 9.81	Cr 45.16 NORM PLAG 84.32 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	Al 38.67 Fe 28.68 Mg 32.65
LOI	9.81	0.00	0.00	MT 4.20	
TOTAL	89.00	100.00	100.00	IL 3.18	COLOR INDEX : 45.16
				CR 0.00	HASHIMOTO INDEX : 66.91
				HM 0.00	
				AP 0.85	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 37.78	
				CPX 0.00	
				AB* 3.94	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 96.00:CU 56.00:ZN 380.00:NI 117.00:RB 28.00:SK 124.00:Y 20.00:ZK 107.00:NB 23.00:

COMMENTS : PART OF MINERALIZED HORIZON BIRK CREEK ZONE

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:45:40

SAMPLE ID # VA14132

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 RL : 755.0

FIELD NAME : SEDIMENTARY , ARGILLITE , CLAY , TECTONIZED.
 FINAL NAME :
 ALTERATION : LOOK AT COMMENTS FILE.
 MINERALIZATION : NIL , NIL , LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : CDNINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CAIJON %								
SiO2	63.32	67.29	65.15	Q	42.03	NA2O+K2O	4.42	SiO2	67.29	SUBALKALINE		
Al2O3	16.14	17.13	19.57	C	12.82	Ql*	10.72	Nb*	8.88	GA	00.39	SUBALKALINE
Fe2O3	8.74	2.56	1.87	OR	21.55	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	6.05	4.90	AB	8.78	A	33.19	F	62.74	M	4.07	THOLEIITIC
CaO	0.55	0.58	0.61	AN	1.72	Al2O3	17.15	NORM	PLAG	16.43		CALC-ALKALINE
MgO	0.51	0.54	0.78	LC	0.00	AN	5.37	AB*	27.38	OR	67.24	K-REICH SERIES
Na2O	0.88	0.94	1.76	NE	0.00	CI	12.68	NORM	PLAG	16.43		DACITE
K2O	3.28	3.49	4.31	KP	0.00	JENSEN THOLEIITIC DACITE						
TiO2	0.91	0.97	0.70	AC	0.00	AL	69.86	FX	27.35	MG	2.79	
P2O5	0.18	0.19	0.16	DI	0.00	COLDK INDEX : 12.68						
MnO	0.22	0.23	0.19	HE	0.00	HASHIMOTO INDEX : 72.61						
S	0.00	0.00	0.00	SN	1.56							
NiO	0.00	0.00	0.00	FS	6.91							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.83	0.00	0.00	MT	2.80							
TOTAL	94.10	100.00	100.00	IL	1.41							
				DR	0.00							
				HM	0.00							
				AP	0.42							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.48							
				CPX	0.00							
				AB*	8.78							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 617.00:CU 91.00:ZN 203.00:NI 45.00:RB 99.00:SR 275.00:Y 42.00:ZK 146.00:NB 20.00:

COMMENTS : VERY FRIABLE ROCK, STRONG FE OXIDES AS STRANDERS TO BLEBS

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:46:21

SAMPLE ID # VA14133

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NIS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 0.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, K1X, PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.15	64.88	61.62	Q	38.27	NA2O+K2O	2.90	SiO2	64.88	SUBALKALINE		
Al2O3	16.36	17.36	19.43	C	15.44							
Fe2O3	8.46	2.19	1.56	OR	14.22	OLA	26.19	NEA	4.57	QA	69.23	SUBALKALINE
FeO	0.00	6.11	4.85	AB	5.08	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
CaO	0.18	0.19	0.19	AN	0.33	A	17.50	F	48.79	M	33.71	THOLEIITIC
MgO	5.26	5.58	7.90	LC	0.00	AL2O3	17.36	NORM	PLAG	6.11		CALC-ALKALINE
Na2O	0.52	0.55	1.02	NE	0.00	AN	1.68	ABA	25.87	OR	72.44	K-RYCK SERIES
K2O	2.21	2.34	2.84	KP	0.00	C1	26.45	NORM	PLAG	6.11		ANDESITE
TiO2	0.56	0.59	0.42	AC	0.00							
P2O5	0.09	0.10	0.08	HI	0.00	JENSEN						CALC-ALKALINE BASALT
MnO	0.10	0.11	0.09	HE	0.00	AL	56.72	FE	20.22	MG	23.06	
S	0.00	0.00	0.00	EN	15.80							COLOR INDEX : 26.45
NiO	0.00	0.00	0.00	ES	7.47							HASHIMOTO INDEX : 91.43
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.71	0.00	0.00	MT	2.34							
TOTAL	94.25	100.00	100.00	IL	0.85							
				CR	0.00							
				HM	0.00							
				AP	0.20							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	23.26							
				CPX	0.00							
				ABA	5.08							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RH, RU, HG (P.P.B.)

BA 556.00:CU 505.00:ZN 102.00:NI 20.00:RR 66.00:SR 58.00:Y 20.00:ZR 82.00:NB 20.00:

COMMENTS : POSSIBLY REWORKED TUFF, QUARTZ VEINS WITH CPY, PY, MALACHITE
 MODERATE SERICITE TALC ALTERATION

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:47:02

SAMPLE ID # VA14134

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 0.0

FIELD NAME : VOLCANICLASTIC,MAFIC ,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CARBONATIZATION ,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	52.51	56.92	53.09	Q 23.17	NA2O+K2O 2.45 SiO2 56.92 SUBALKALINE
Al2O3	17.53	19.00	20.89	C 16.97	
Fe2O3	11.20	2.29	1.61	DR 7.49	Al* 39.30 NE* 9.07 BA 57.63 SUBALKALINE
FeO	0.00	8.87	6.92	AB 10.78	
CaO	0.24	0.26	0.26	AN 0.66	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	8.57	9.29	12.91	LC 0.00	
Na2O	1.10	1.19	2.16	NE 0.00	A 10.81 F 48.20 K 40.99 THOLEIITIC
K2O	1.16	1.26	1.50	KP 0.00	
TiO2	0.61	0.66	0.46	AC 0.00	Al2O3 19.00 NORM PLAG 5.74 CALC-ALKALINE
P2O5	0.09	0.10	0.08	DI 0.00	
MnO	0.15	0.16	0.13	HE 0.00	AN 3.47 AB* 56.96 DR 39.57 K-RICH SERIES
S	0.00	0.00	0.00	EN 25.82	
NiO	0.00	0.00	0.00	ES 11.56	OX 40.72 NORM PLAG 5.74 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	Al 48.68 FE 27.24 MG 30.09
LOI	5.56	0.00	0.00	MT 2.41	
TOTAL	92.25	100.00	100.00	IL 0.93	COLOR INDEX : 40.72
				CR 0.00	HASHIMOTO INDEX : 87.90
				HM 0.00	
				AP 0.21	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 37.38	
				CPX 0.00	
				AB* 10.78	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,IRG (P.P.B.)

BA 301.00:CU 906.00:ZN 249.00:NI 20.00:RR 43.00:SR 69.00:Y 20.00:ZK 102.00:NB 20.00:

COMMENTS : MODERATE FE CARBONATE DISS-STRINGERS

==== F A I C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:47:44

SAMPLE ID # VA14135

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 667.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% , LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.58	63.35	59.92	Q 35.94	NA2O+K2O 2.11 SiO2 63.35 SUBALKALINE
Al2O3	15.47	16.45	18.34	C 14.97	
Fe2O3	9.04	2.18	1.55	OR 12.07	Or* 34.10 NE* 0.86 Or 65.03 SUBALKALINE
FeO	0.00	6.69	5.29	AB 0.97	
CaO	0.47	0.50	0.51	AN 1.89	CPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MgO	7.49	7.96	11.23	LC 0.00	
Na2O	0.10	0.11	0.19	NE 0.00	A 15.25 F 46.23 K 42.55 THOLEIITIC
K2O	1.88	2.00	2.41	KP 0.00	Al2O3 16.45 NORM FLAG 66.00 THOLEIITIC
TiO2	0.55	0.58	0.42	AC 0.00	
P2O5	0.09	0.10	0.08	DC 0.00	AN 12.67 AB* 6.52 OR 80.83 X-RICH SERIES
MnO	0.08	0.09	0.07	FE 0.00	
S	0.00	0.00	0.00	EN 22.45	C1 33.94 NORM FLAG 66.00 BASALT
NiO	0.00	0.00	0.00	ES 8.33	
Cr2O3	0.00	0.00	0.00	ED 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
CO2	0.00	0.00	0.00	FA 0.00	Al 49.71 Fe 19.86 Mg 30.43
H2O+	0.00	0.00	0.00	WD 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	COLOR INDEX : 33.94
LOI	5.28	0.00	0.00	MT 2.33	WASHINGTON INDEX : 94.27
TOTAL	94.05	100.00	100.00	IL 0.83	
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				DPX 30.78	
				CPX 0.00	
				AB* 0.97	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 471.00:CL 877.00:ZN 85.00:NI 20.00:RB 52.00:SR 49.00:Y 20.00:ZR 86.00:NB 20.00:

COMMENTS : KINDR PYRITE MALACHITE ALONG ESL, FRACS

REPORT #2000

SAMPLE ID # VA14136

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 660.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
S102	57.62	61.83	57.30	Q 32.37	NA20+K20 4.30 S102 61.83 SUBALKALINE
AL203	16.36	17.56	19.17	C 9.34	
FE2O3	6.86	2.20	1.53	OR 11.56	OLA 26.70 NEA 18.76 OA 54.54 SUBALKALINE
FE0	0.00	4.64	3.60	AB 21.11	
CAO	1.67	1.79	1.78	AN 8.26	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	6.43	6.90	9.33	LC 0.00	
NA20	2.19	2.35	4.22	NE 0.00	A 24.14 F 37.16 M 38.71 THOLEIITIC
K20	1.82	1.95	3.31	KP 0.00	
TIO2	0.55	0.59	0.41	AC 0.00	AL203 17.56 NORM FLAG 28.13 CALC-ALKALINE
P2O5	0.09	0.10	0.08	UI 0.00	
MNO	0.08	0.09	0.07	HE 0.00	AN 20.19 ABA 51.57 OR 28.24 K-RICH SERIES
S	0.00	0.00	0.00	EN 19.06	
NIO	0.00	0.00	0.00	FS 4.98	CI 27.16 NORM FLAG 28.13 ANDESITE
DR203	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WJ 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 55.88 FE 16.35 MG 27.77
LOI	5.95	0.00	0.00	MT 2.30	
TOTAL	93.19	100.00	100.00	IL 0.82	COLOR INDEX : 27.16 NASHIMOTO INDEX : 68.13
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 24.03	
				CPX 0.00	
				ABA 21.11	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TR,DS,RH,RU,MO (P.P.B.)

BA 390.00:CU 455.00:ZN 213.00:NI 20.00:RB 58.00:SR 79.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 06-SEP-90
 09:49:07

SAMPLE ID # VA14137

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 660.0

FIELD NAME : VEIN, QUARTZ PLUS FELDSPAR, LOOK AT COMMENTS.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 30-JUL-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
S102	60.70	64.55	60.16	Q 19.89	NA20+K20 6.59 S102 64.55 SUBALKALINE
AL203	16.23	17.26	18.96	C 3.95	
FE203	5.26	2.21	1.55	OK 17.41	OL* 9.92 NE* 32.54 Q* 57.54 SUBALKALINE
FE0	0.00	3.04	2.37	AB 33.15	
CA0	3.12	3.32	3.91	AN 14.75	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	1.88	2.00	2.78	LC 0.00	
NA20	3.45	3.67	6.63	NE 0.00	A 48.89 F 36.94 M 14.67 TROLEITIC
K20	2.75	2.92	3.48	KP 0.00	
T102	0.58	0.62	0.43	AC 0.00	AL203 17.26 NORM PLAG 30.79 CALC-ALKALINE
P205	0.26	0.28	0.22	BT 0.00	
MND	0.12	0.13	0.10	HE 0.00	AN 22.58 ABA 50.76 OR 26.66 K-RICH SERIES
S	0.00	0.00	0.00	EN 5.55	
N10	0.00	0.00	0.00	FS 2.53	CI 11.20 NORM PLAG 30.79 DACITE
CR203	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H20+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H20-	0.00	0.00	0.00	LN 0.00	AI 72.39 FE 17.01 MG 10.60
LOT	5.40	0.00	0.00	MT 2.33	
TOTAL	94.03	100.00	100.00	IL 0.86	COLOR INDEX : 11.28
				CR 0.00	WASHKOTO INDEX : 41.34
				HM 0.00	
				AP 0.58	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.08	
				CPX 0.00	
				ABA 33.15	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, RG (P.P.B.)

BA 864.00:CU 57.00:ZN 91.00:NI 20.00:RB 79.00:SR 221.00:Y 20.00:ZK 140.00:NB 20.00:

COMMENTS : GRANITE SILL

REPORT #2000

SAMPLE ID # VA14138

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-117
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : MET/COMINCO OPTION
 0.0 N : 0.0 EL : 690.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, STRONG.
 MINERALIZATION : BEDDED, 5-20%, PYRITE.
 FORMATION :

SAMPLED BY : D. MCLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-AUG-90
 DATE : 16-AUG-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.10	68.60	65.21	Q 42.50	NA20+K20 3.98 SiO2 68.60 SUBALKALINE
Al2O3	16.11	16.98	19.02	C 13.35	
Fe2O3	4.91	2.10	1.50	DR 24.11	DiA 19.24 NE* 0.10 Q* 80.66 SUBALKALINE
FeO	0.00	2.77	2.20	AR 0.10	
CaO	0.49	0.52	0.53	AN 2.06	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.16	4.38	6.21	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 30.59 F 35.75 M 33.66 THOLEIITIC
K2O	3.77	3.97	4.82	KP 0.00	
TiO2	0.49	0.52	0.37	AC 0.00	Al2O3 16.98 NORM FLAG 95.51 THOLEIITIC
P2O5	0.08	0.08	0.07	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 7.05 AB* 0.37 DR 91.78 K-RICH SERIES
S	0.00	0.00	0.00	EN 12.42	
NiO	0.00	0.00	0.00	ES 2.28	CI 17.69 NORM FLAG 95.51 BASALT
CR2O3	0.00	0.00	0.00	SO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 64.78 FE 14.07 MG 21.15
LOI	4.17	0.00	0.00	MT 2.25	
TOTAL	94.90	100.00	100.00	IL 0.74	COLOR INDEX : 17.69 HASHIMOTO INDEX : 94.07
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.70	
				CPX 0.00	
				AB* 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1087.00:CU 40.00:ZN 155.00:NI 45.00:RB 90.00:SR 45.00:Y 20.00:ZK 76.00:NB 20.00:

COMMENTS : 1 METRE BED INTERBEDDED WITH ARGILLITE

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:46:20

SAMPLE ID # VA14140

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 985.0

FIELD NAME : IGNEOUS ,FELSIC,FINE.
 FINAL NAME :
 ALTERATION : QUARTZ DUMPING,LOOK AT COMMENTS.
 MINERALIZATION : NIL ,NIL.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 08-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.64	61.27	57.90	Q 32.84	NA20+K20 3.33 SiO2 61.27 SUBALKALINE
Al2O3	17.25	18.34	20.42	C 16.11	
Fe2O3	8.43	2.69	1.91	OK 19.37	OLA 30.94 NEA 1.09 OA 66.98 SUBALKALINE
FeO	0.00	5.64	4.46	AB 1.07	
CaO	0.38	0.40	0.41	AN 0.55	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.35	6.96	9.81	LC 0.00	
Na2O	0.11	0.12	0.21	NE 0.00	A 18.13 F 43.93 K 37.94 THOLEIITIC
K2O	3.02	3.21	3.87	KP 0.00	
TiO2	1.03	1.09	0.78	AC 0.00	Al2O3 18.34 NORM PLAG 34.08 CALC-ALKALINE
P2O5	0.21	0.22	0.18	DI 0.00	
MnO	0.05	0.05	0.04	FE 0.00	AN 2.64 ABA 5.10 OR 92.26 K-RICH SERIES
S	0.00	0.00	0.00	SN 19.61	
NiO	0.00	0.00	0.00	FS 5.54	CI 29.57 NORM PLAG 34.08 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 54.58 FE 19.22 MG 26.20
LOI	5.66	0.00	0.00	MT 2.87	
TOTAL	94.08	100.00	100.00	IL 1.56	COLOR INDEX : 29.57
				CR 0.00	HASHIMOTO INDEX : 95.13
				HM 0.00	
				AP 0.48	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 25.15	
				CPX 0.00	
				ABA 1.07	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,FG (P.P.B.)

BA 845.00:CO 433.00:ZN 298.00:NI 50.00:NR 95.00:SR 70.00:Y 20.00:ZR 169.00:NB 22.00:

COMMENTS : QUARTZ MICROVEINS, PDS

REPORT #2000

SAMPLE ID # VA14142

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1050.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	50.45	55.97	52.50	Q 12.58	NA2O+K2O 7.10 SiO2 55.97 ALKALINE
Al2O3	21.29	23.62	26.11	C 7.38	
Fe2O3	4.35	2.17	1.53	OR 41.86	Q* 27.94 NE* 2.79 Q* 69.27 SUBALKALINE
FeO	0.00	2.39	1.87	AB 1.01	
CaO	4.94	5.48	5.51	AN 25.41	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.03	2.25	3.15	LC 0.00	
Na2O	0.10	0.11	0.20	NE 0.00	A 51.85 F 31.71 N 16.45 THOLEIITIC
K2O	6.30	6.99	8.37	KF 0.00	
TiO2	0.46	0.51	0.36	AC 0.00	AL2O3 23.62 NORM PLAG 96.18 CALC-ALKALINE
P2O5	0.29	0.32	0.26	DI 0.00	
MnO	0.16	0.18	0.14	HE 0.00	AN 37.21 AB* 1.40 OR 61.30 SODIC
S	0.00	0.00	0.00	EN 6.30	
NiO	0.00	0.00	0.00	ES 1.77	CI 11.09 NORM PLAG 96.18 BASALT
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 78.73 FE 11.78 MG 9.49
LOI	9.14	0.00	0.00	MT 2.30	
TOTAL	90.13	100.00	100.00	IL 0.72	COLOR INDEX : 11.09 PASHENOTO INDEX : 62.30
				CR 0.00	
				HM 0.00	
				AP 0.68	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				KU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.07	
				CPX 0.00	
				AB* 1.01	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, Pb, IR, OS, RH, RU, HG (P.P.B.)

BA 1400.00:CU 20.00:ZN 108.00:NI 20.00:RH 218.00:SR 276.00:Y 65.00:Zr 631.00:NB 40.00:

COMMENTS : IRON CARBONATE

==== F A I L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:37:20

SAMPLE ID # VA14143

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, K_2O , PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMNCO

DATE : 11-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	67.54	70.94	67.65	Q	48.82	NA20+K20	1.87	SiO2	70.94	SUBALKALINE		
Al2O3	12.86	13.51	15.18	C	12.83	OLA	24.56	NEA	0.00	QA	70.36	SUBALKALINE
Fe2O3	6.37	2.02	1.45	OR	11.32	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.21	3.35	AB	0.10	A	12.87	F	41.44	M	45.69	TROILITIC
CaO	0.11	0.12	0.12	AN	0.17	AL2O3	13.51	NORM	PLAG	63.02	TROILITIC	
MgO	6.32	6.64	9.43	LD	0.00	AN	1.43	ABA	0.84	OR	97.73	K-KSCN SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI	26.62	NORM	PLAG	63.02	BASALT	
K2O	1.77	1.86	2.26	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.42	0.44	0.32	AC	0.00	AL	50.79	EH	17.66	MG	31.56	
P2O5	0.06	0.06	0.05	OC	0.00	COLOR INDEX : 26.62						
MnO	0.19	0.20	0.16	FE	0.00	HASHIMOTO INDEX : 98.54						
S	0.00	0.00	0.00	EN	18.87							
NiO	0.00	0.00	0.00	ES	4.95							
Cr2O3	0.00	0.00	0.00	PU	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.19	0.00	0.00	WT	2.17							
TOTAL	95.20	100.00	100.00	IL	0.63							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	23.82							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 509.00:CU 42.00:ZN 311.00:NI 20.00:KB 56.00:SK 20.00:Y 20.00:ZR 68.00:ML 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:38:02

SAMPLE ID # VA14144

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E L : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5% SPHALERITE PLUS PYRITE AND GALENA.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 11-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES					
SiO2	64.46	67.93	64.59	Q	43.95 NA2O+K2O 1.23 SiO2 67.93 SUBALKALINE					
Al2O3	12.96	13.66	15.31	C	12.94					
Fe2O3	8.13	2.00	1.43	OR	7.42 Q1A 30.72 NEA 0.08 Q1A 69.21 SUBALKALINE					
FeO	0.00	3.91	4.70	AB	0.10					
CaO	0.48	0.51	0.52	AN	2.15 CPX 0.00 Q1 0.00 OPX 100.00 SUBALKALINE					
MgO	7.63	8.06	11.42	LC	0.00					
Na2O	0.01	0.01	0.02	NE	0.00 A 7.25 F 45.34 M 47.43 THOLEIITIC					
K2O	1.16	1.22	1.48	KP	0.00					
TiO2	0.40	0.42	0.30	AC	0.00 Al2O3 13.66 NORM PLAG 95.68 THOLEIITIC					
P2O5	0.06	0.06	0.05	OT	0.00					
MnO	0.20	0.21	0.17	BE	0.00 AN 22.25 ABA 1.00 OR 76.75 K-RICH SERIES					
S	0.00	0.00	0.00	EN	22.85					
NiO	0.00	0.00	0.00	FS	7.70					
Cr2O3	0.00	0.00	0.00	FO	0.00					
CO2	0.00	0.00	0.00	FA	0.00					
H2O+	0.00	0.00	0.00	WO	0.00					
H2O-	0.00	0.00	0.00	LN	0.00					
LOI	4.67	0.00	0.00	MT	2.15					
TOTAL	94.89	100.00	100.00	IL	0.60					
				CR	0.00					
				HM	0.00					
				AP	0.14					
				PO	0.00					
				NS	0.00					
				RS	0.00					
				RU	0.00					
				AG	0.00					
				OL	0.00					
				OPX	30.55					
				CPX	0.00					
				ABA	0.10					
TRACE ELEMENTS (P.P.M.) AU, RE, PT, Pb, IR, OS, Rb, Ru, Hg (P.P.B.)					JENSEN HIGH MAGNESIUM THOLEIITIC BASALT					
BA	299.00:CU	658.00:ZN	3460.00:NI	20.00:KR	38.00:SR	36.00:Y	20.00:Zr	59.00:Vr	20.00:	
					Al	45.92	Fe	19.81	Mg	34.27
					COLOR INDEX :	33.30				
					WASIMOTO INDEX :	94.73				

COMMENTS :

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:47:44

SAMPLE ID # VA14145

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONGRESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : DISSEMINATED AND KLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.44	65.89	62.01	0 27.82	NA2O+K2O 6.29 SiO2 65.89 SUBALKALINE
Al2O3	16.18	17.07	18.94	C 7.79	
Fe2O3	5.89	2.28	1.61	OR 24.73	AlA 13.45 AlA 20.49 AlA 66.06 SUBALKALINE
FeO	0.00	3.54	2.79	AB 19.83	
CaO	1.29	1.36	1.37	AN 5.60	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.48	2.62	3.67	LC 0.00	
Na2O	2.06	2.17	3.97	NE 0.00	A 43.38 F 38.57 K 18.05 THOLEIITIC
K2O	3.90	4.12	4.95	KP 0.00	
TiO2	0.66	0.70	0.49	AC 0.00	Al2O3 17.07 NORM PLAG 22.02 CALC-ALKALINE
P2O5	0.18	0.19	0.15	DI 0.00	
MnO	0.06	0.06	0.05	HE 0.00	AN 11.16 AlA 39.53 OR 49.30 K-ROCK SERIES
S	0.00	0.00	0.00	BN 7.34	
NiO	0.00	0.00	0.00	FS 3.08	Ca 13.82 NORM PLAG 22.02 DIABASE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 68.73 Fe 17.95 Mg 13.32
LOI	4.76	0.00	0.00	MT 2.42	
TOTAL	94.77	100.00	100.00	IL 0.99	COLOR INDEX : 13.82 WASHINGTON INDEX : 65.57
				CR 0.00	
				HM 0.00	
				AP 0.40	
				FD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				DL 0.00	
				OPX 10.42	
				CPX 0.00	
				AlA 19.83	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,(R,OS,&I,RU,NG (P.P.B.)

BA 1443.00:CU 26.00:ZN 150.00:NI 32.00:RB 144.00:SR 240.00:Y 22.00:ZK 279.00:NB 29.00:

COMMENTS : IRON CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:48:25

SAMPLE ID # VA14146 *STANDARD*

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 ANGLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E : 0.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	71.25	71.65	67.35	Q	31.41	NA2O+K2O	7.35	SiO2	70.65	SUBALKALINE		
Al2O3	14.64	14.72	16.31	C	3.27	Or*	3.28	Ne*	27.25	Or*	69.48	SUBALKALINE
Fe2O3	3.49	1.93	1.37	DR	25.41	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.42	1.12	AB	28.40	A	64.75	F	27.87	K	7.44	CALC-ALKALINE
CaO	1.39	1.40	1.41	AN	5.70	Al2O3	14.72	NORM	PLAG	16.72		CALC-ALKALINE
MgO	0.84	0.84	1.18	LC	0.00	AN	9.58	Ab*	47.72	Or	42.70	K-RICH SERIES
Na2O	3.10	3.12	5.68	NE	0.00	S	0.00					
K2O	4.21	4.23	3.08	KP	0.00	NiO	0.00					
TiO2	0.42	0.42	0.30	AC	0.00	CR2O3	0.00					
P2O5	0.20	0.20	0.16	DC	0.00	CO2	0.00					
MnO	0.06	0.06	0.05	HE	0.00	H2O+	0.00					
S	0.00	0.00	0.00	EN	2.37	-H2O-	0.00					
NiO	0.00	0.00	0.00	ES	0.37	LOI	0.65					
CR2O3	0.00	0.00	0.00	ED	0.00	TOTAL	99.44	100.00	100.00			
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
-H2O-	0.00	0.00	0.00	LN	0.00							
LOI	0.65	0.00	0.00	MT	2.05							
				IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.43							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.73							
				CPX	0.00							
				Ab*	28.40							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rb, RU, MG (P.P.B.)

BA 558.00:CU 20.00:ZN 89.00:NI 20.00:RB 168.00:SR 117.00:Y 30.00:ZR 157.00:NB 21.00:

COMMENTS : STANDARD GT-A

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:38:43

SAMPLE ID # VAI4147

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132

FIELD NUMBER :
 LOT : 0 CONCESSION :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

GRID COORDINATES : E :

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 14-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.54	69.76	66.24	Q 46.30	NA2O+K2O 1.45 SiO2 69.76 SUBALKALINE
Al2O3	12.10	13.00	14.55	C 12.70	
Fe2O3	7.10	1.98	1.42	OR 8.71	Ol* 28.93 Ne* 0.08 B* 70.99 SUBALKALINE
FeO	0.00	4.92	3.90	AB 0.10	
CaO	0.12	0.13	0.13	AN 0.22	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
MgO	7.80	8.18	11.57	LC 0.00	
Na2O	0.01	0.01	0.02	NF 0.00	A 8.86 F 41.04 K 50.10 THOLEIITIC
K2O	1.37	1.44	1.74	KP 0.00	
TiO2	0.39	0.41	0.29	AC 0.00	Al2O3 13.00 NORM PLAG 69.29 THOLEIITIC
P2O5	0.06	0.06	0.05	BT 0.00	
MnO	0.11	0.12	0.09	BE 0.00	AN 2.43 ABA 1.07 OR 96.52 K-RICH SERIES
S	0.00	0.00	0.00	EN 23.14	
NiO	0.00	0.00	0.00	FS 5.99	GI 31.84 NORM PLAG 69.29 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	Al 45.72 Fe 17.92 Mg 36.36
LOI	4.54	0.00	0.00	MT 2.12	
				IL 0.58	
TOTAL	95.38	100.00	100.00	CR 0.00	COLOR INDEX : 31.84
				RM 0.00	HASHIZOTO INDEX : 98.60
				AP 0.14	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				DL 0.00	
				OPX 29.13	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, DS, RH, RU, HG (P.P.B.)

BA 415.00:CL 71.00:ZN 492.00:NI 20.00:RB 40.00:SK 25.00:Y 20.00:ZR 87.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14148

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 14-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	66.18	70.06	67.02	G	47.53	NA2O+K2O	1.58	SiO2	70.06	SUBALKALINE		
Al2O3	12.19	12.89	14.54	C	12.51	DL*	27.25	NE*	0.08	GA*	72.67	SUBALKALINE
Fe2O3	8.06	2.00	1.44	OR	9.57	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	5.88	4.70	AN	0.10	A	9.78	F	47.61	K	42.61	THOLEIITIC
CaO	0.11	0.12	0.12	AN	0.24	AL2O3	12.89	NDRM	PLAG	70.87	THOLEIITIC	
MgO	6.49	6.87	9.79	LE	0.00	AN	2.41	ABA*	0.99	OR	96.60	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI	29.94	NDRM	PLAG	70.87	BASALT	
K2O	1.48	1.57	1.91	KP	0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT						
TiO2	0.39	0.41	0.30	AL	0.00	AL	47.07	FE	21.21	MG	31.71	
P2O5	0.05	0.05	0.04	DI	0.00	COLDR INDEX : 29.94						
MnO	0.13	0.14	0.11	WE	0.00	HASNIMOXO INDEX : 98.52						
S	0.00	0.00	0.00	SM	19.59							
NiO	0.00	0.00	0.00	FS	7.59							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.82	0.00	0.00	MT	2.16							
TOTAL	94.46	100.00	100.00	IL	0.59							
				CR	0.00							
				RM	0.00							
				AP	0.11							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	27.18							
				CPX	0.00							
				ABA*	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, R., RU, HG (P.P.B.)

BA 586.00:CU 93.00:ZN 669.00:NI 20.00:RB 46.00:SR 20.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS :

==== P A L C O N R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:40:07

SAMPLE ID # VA14149

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LDT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS. QIZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 14-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
					NA2O+K2O	SiO2	77.12	SUBALKALINE				
SiO2	74.32	77.12	74.77	Q	59.59	NA2O+K2O	3.73	SiO2	77.12	SUBALKALINE		
Al2O3	13.74	14.26	16.29	C	11.60	OLA	3.01	NEA	0.09	DA	96.90	SUBALKALINE
Fe2O3	3.41	3.03	2.48	OR	23.00	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.35	1.10	AB	0.10	A	48.07	F	41.08	M	10.85	TRULBITIC
CaO	0.10	0.10	0.11	AN	0.18	Al2O3	14.26	NORM PLAG	65.28			TRULBITIC
MgO	0.81	0.84	1.31	LC	0.00	AN	0.79	ABA	0.42	OR	98.79	K-NORB SERIES
Na2O	0.01	0.01	0.02	NE	0.00	OL	5.42	NORM PLAG	65.28			BASALT
K2O	3.58	3.73	4.60	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.46	0.46	0.35	AC	0.00	Al	79.62	FE	14.44	Mg	5.99	
P2O5	0.05	0.05	0.04	DI	0.00	COLOR INDEX : 5.42						
MnO	0.03	0.03	0.03	FE	0.00	WASP PHOTO INDEX : 97.56						
S	0.00	0.00	0.00	SK	2.43							
NiO	0.00	0.00	0.00	FS	0.07							
CR2O3	0.00	0.00	0.00	SO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
K2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.15	0.00	0.00	MT	2.23							
TOTAL	96.36	100.00	100.00	IL	0.70							
				CR	0.00							
				-M	0.00							
				AP	0.11							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				CL	0.00							
				OPX	3.50							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, CR, BS, RB, RU, AG (P.P.B.)

BA 1128.00:CU 93.00:ZN 86.00:NI 20.00:RB 109.00:SR 50.00:Y 20.00:ZK 85.00:RZ 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14150

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMENCO

DATE : 15-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	68.66	71.92	69.17	Q 49.38	NA20+K20 3.20 ST02 77.92 SUBALKALINE
Al2O3	13.66	14.31	16.22	C 11.72	
Fe2O3	6.10	2.01	1.46	OK 19.43	BI* 17.23 NE* 0.27 QA 82.50 SUBALKALINE
FeO	0.00	3.94	3.17	AB 0.29	
CaO	0.35	0.37	0.38	AN 1.39	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.45	3.61	5.18	LC 0.00	
Na2O	0.03	0.03	0.06	NE 0.00	A 25.44 F 45.78 M 28.78 THOLEIITIC
K2O	3.02	3.16	3.89	KP 0.00	
TiO2	0.42	0.44	0.32	AC 0.00	AL2O3 14.31 NORM PLAG 82.60 THOLEIITIC
P2O5	0.07	0.07	0.06	BT 0.00	
MnO	0.12	0.13	0.10	ME 0.00	AN 6.59 ARA 1.39 OK 92.03 K-RICH SERIES
S	0.00	0.00	0.00	EN 10.36	
NiO	0.00	0.00	0.00	ES 4.45	CI 17.63 NORM PLAG 82.60 BASALT
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	IN 0.00	AL 61.34 FE 19.08 MG 19.59
LOI	4.12	0.00	0.00	MT 2.18	
TOTAL	95.46	100.00	100.00	IL 0.64	COLOR INDEX : 17.63 BASHFELD INDEX : 94.45
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.81	
				CPX 0.00	
				AB* 0.29	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 891.00:CU 66.00:ZN 828.00:NI 20.00:RE 86.00:SK 41.00:Y 20.00:ZR 78.00:NB 20.00:

COMMENTS :

==== P A L C O M B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:41:30

SAMPLE ID # VA14151

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 15-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.48	69.64	66.48	Q 45.90	NAK0+K20 1.99 S102 69.64 SUBALKALINE
AL2O3	13.51	14.15	15.92	C 11.25	
FE2O3	6.39	2.03	1.46	OK 32.07	OLA 24.37 NEA 0.09 GA 75.60 SUBALKALINE
FeO	0.00	4.19	3.35	AB 0.10	
CaO	1.14	1.19	1.22	AN 5.61	OPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.72	5.99	8.52	CC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 14.20 F 43.00 M 42.78 THOLEIITIC
K2O	1.89	1.98	2.41	KP 0.00	
TiO2	0.44	0.46	0.33	AC 0.00	AL2O3 14.15 NORM PLAG 98.30 THOLEIITIC
P2O5	0.07	0.07	0.06	DE 0.00	
MnO	0.26	0.27	0.22	HE 0.00	AN 30.57 ABA 0.55 OK 67.88 KERTCH SERIES
S	0.00	0.00	0.00	EN 17.05	CI 24.92 NORM PLAG 98.30 BASALT
NiO	0.00	0.00	0.00	FS 5.02	
CR2O3	0.00	0.00	0.00	FD 0.00	JENSEN CALC-ALKALINE BASALT
CO2	0.00	0.00	0.00	FA 0.00	AL 53.42 FE 17.98 MG 28.60
H2O+	0.00	0.00	0.00	WD 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	3.82	0.00	0.00	MT 2.19	
TOTAL	95.46	100.00	100.00	IL 0.66	COLOR INDEX : 24.92 HASHIMOTO INDEX : 86.67
				CR 0.00	
				FM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				XS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 32.07	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, CR, OS, RH, RU, YG (P.P.B.)

BA 597.00:CU 74.00:ZN 663.00:NI 20.00:RH 55.00:SK 32.00:Y 20.00:SK 91.00:NR 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:42:54

SAMPLE ID # VA24153

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-132
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1246
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1360.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLSRS,<1X ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 16-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.69	63.89	60.99	Q	35.21	NA2O+K2O	4.66	SiO2	63.89	SUBALKALINE		
Al2O3	17.66	18.90	21.27	C	15.39	Or*	24.07	Ab*	0.68	Or*	75.25	SUBALKALINE
Fe2O3	8.14	2.23	1.60	OR	27.99	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	5.84	4.66	AB	0.59	A	29.11	F	49.05	M	21.86	MOLEITIC
CaO	0.18	0.19	0.20	AN	0.41	AL2O3	18.90	NORM	PLAG	40.68		CALC-ALKALINE
MgO	3.27	3.50	4.98	LC	0.00	AN	1.40	Ab*	3.05	Or*	96.54	K-ROCK SERIES
Na2O	0.06	0.06	0.12	NE	0.00	CI	20.22	NORM	PLAG	40.68		ANDESITE
K2O	4.29	4.59	5.60	KP	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
TiO2	0.58	0.62	0.45	AC	0.00	Al	64.41	Fe	20.51	Mg	15.08	
P2O5	0.08	0.09	0.07	TK	0.00							
MnO	0.08	0.09	0.07	BE	0.00							
S	0.00	0.00	0.00	EN	9.96							
NiO	0.00	0.00	0.00	ES	6.97							
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.06	0.00	0.00	MT	2.40							
TOTAL	93.42	100.00	100.00	IL	0.89							
				CR	0.00							
				HM	0.00							
				AP	0.18							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.93							
				CPX	0.00							
				Ab*	0.59							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

8A 1159.00:CU 82.00:ZN 92.00:NI 20.00:RH 103.00:SK 45.00:Y 20.00:Zr 76.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:49:05

SAMPLE ID # VA14154

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 EL : 1090.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% .PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NDRMS	CLASSIFICATIONS AND INDICES							
SiO2	64.29	69.76	66.48	Q	39.69	NA2O+K2O	4.85	SiO2	69.76	SUBALKALINE		
Al2O3	11.63	12.62	14.17	C	0.67	BL*	13.81	NE*	14.90	QA	71.29	SUBALKALINE
Fe2O3	5.61	2.30	1.65	OR	19.81	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.41	3.72	AB	14.73	A	36.98	F	41.76	M	21.26	TROLEITIC
CaO	3.11	3.37	3.45	AN	16.50	AL2O3	12.62	NORM	PLAG	52.82	TROLEITIC	
MgO	2.57	2.79	3.96	CC	0.00	AN	32.32	AN*	26.87	OR	38.81	K-RICH SERIES
Na2O	1.47	1.60	2.95	NE	0.00	CI	14.37	NORM	PLAG	52.82	ANDESITE	
K2O	3.00	3.26	3.96	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.62	0.67	0.48	AC	0.00	AL	61.42	EE	21.42	MG	17.16	
P2O5	0.10	0.11	0.09	BI	0.00	COLOR INDEX : 14.37						
MnO	0.11	0.12	0.10	BE	0.00	BASE METAL INDEX : 54.88						
S	0.00	0.00	0.00	BN	7.92							
NiO	0.00	0.00	0.00	ES	3.01							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.15	0.00	0.00	MT	2.47							
TOTAL	92.16	100.00	100.00	IL	0.96							
				CR	0.00							
				HM	0.00							
				AP	0.23							
				PO	0.00							
				NS	0.00							
				XS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.93							
				CPX	0.00							
				AS*	14.73							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TR,OS,RR,RU,MG (P.P.B.)

BA 1253.00:CU 30.00:ZN 71.00:NI 68.00:RB 126.00:SR 484.00:Y 20.00:Zr 241.00:NB 20.00:

COMMENTS : WEAKLY CALCAREOUS

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:49:47

SAMPLE ID # VA14155

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : REE/COMINCO OPTION
 0.0 N : 0.0 EL : 875.0

FIELD NAME : VOLCANICLASSIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	65.18	71.21	69.59	Q	48.55	NA2O+K2O	3.05	SiO2	70.20	SUBALKALINE		
Al2O3	11.58	12.65	14.57	C	10.33	Ca*	17.47	Na*	5.30	Ca*	77.23	SUBALKALINE
Fe2O3	10.65	2.13	1.57	OR	14.86	CPX	0.00	Cl	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	8.55	6.99	AB	6.31	A	20.04	F	68.83	M	11.13	THOLEIITIC
CaO	0.11	0.12	0.13	AM	0.03	Al2O3	12.65	NORM PLAG	0.40			CALC-ALKALINE
MgO	1.55	1.69	2.47	LD	0.00	AN	0.12	ABA	29.78	OR	70.10	K-RICH SERIES
Na2O	0.61	0.67	1.26	NE	0.00	Cl	19.73	NORM PLAG	0.40			DACITE
K2O	2.18	2.38	2.97	KP	0.00	JENSEN THOLEIITIC ANDESITE						
TiO2	0.45	0.49	0.36	AC	0.00	Al	56.10	Fe	34.40	Mg	9.49	
P2O5	0.08	0.09	0.07	UI	0.00	DOLBR INDEX : 19.73						
MnO	0.02	0.02	0.02	ME	0.00	WASHIMOTO INDEX : 83.82						
S	0.00	0.00	0.00	EN	4.93							
NiO	0.00	0.00	0.00	ES	11.73							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WB	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.46	0.00	0.00	MT	2.35							
TOTAL	91.54	100.00	100.00	IL	0.72							
				CR	0.00							
				HM	0.00							
				AP	0.19							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.66							
				CPX	0.00							
				ABA	6.31							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, DS, RH, RJ, IG (P.P.B.)

BA 565.00:CU 860.00:ZN 1800.00:NI 20.00:RH 73.00:CR 65.00:Y 32.00:Zr 109.00:NU 20.00:

COMMENTS : STRONG LIMONITE QUARTZ ALTERATION

REPORT # 2000

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SAMPLE ID # VA.4159

4-OLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-96
 TRANS-IP :
 ADS : 082705
 LBY ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION # :
 GRID COORDINATES : E :

PROJECT # 0046
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 M : 0.0 M : 1270.0

FIELD NAME : VEDDAVIOCLASTIC,BELSID,AG+,LOOK AT COMMENTS FILE.
 FORMAL NAME :
 MINERALIZATION : PERVASIVE ,CHLORITIZATION,ARAX,
 MINERALIZATION : DISSEMINATED AND BUBBLY,LSX,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : JIMMIND

DATE : 05-AUG-90
 DATE : 10-SEP-90

ANALYTICAL
 METHOD USED : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		WGT%	CLASSIFICATIONS AND INDICES							
	WT %	ANHYDRUS WGT %	ANHYDRUS DATION %										
SiO2	61.04	61.56	51.60	Q	75.79	NA2O+K2O	0.14	0.00	65.00	RELATIVE	NA		
Al2O3	13.57	4.83	6.09	T	10.04	FeO	0.04	0.24	0.00	RELATIVE	NA		
FeO	7.42	2.07	7.46	OP	12.55	CaO	0.00	0.00	100.00	RELATIVE	NA		
MgO	0.00	5.28	4.10	AN	0.50	CO2	0.00	0.00	0.00	RELATIVE	NA		
CaO	0.19	0.20	0.20	AN	0.67	SO3	0.00	0.00	0.00	RELATIVE	NA		
*SO3	4.05	9.47	13.27	OP	0.00	A	16.00	0.00	0.00	RELATIVE	NA		
Na2O	0.09	0.10	0.18	ND	0.00	AL2O3	14.55	VERY	PLAS	40.00	RELATIVE	NA	
K2O	.95	3.09	2.5	OP	0.00	AN	4.75	AN*	6.2*	OR	89.0*	RELATIVE	NA
TiO2	0.43	0.46	0.33	AD	0.00	DI	35.00	VERY	PLAS	43.25	RELATIVE	NA	
P2O5	0.05	0.05	0.04	OT	0.00	TENSOR	10.00	MADAM	0.00	RELATIVE	NA		
MnO	0.17	0.17	0.14	ND	0.00	AL	40.35	DE	7.17	MO	37.40	RELATIVE	NA
S	0.00	0.00	0.00	SA	26.74	CO2	0.00	0.00	0.00	RELATIVE	NA		
Cl	0.00	0.00	0.00	NS	6.49	CO2	0.00	0.00	0.00	RELATIVE	NA		
Br	0.00	0.00	0.00	SO	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
Cr2O3	0.00	0.00	0.00	FA	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
ZnO	0.00	0.00	0.00	AD	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
*ZnO	0.00	0.00	0.00	LN	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
*ZnO	0.00	0.00	0.00	OT	2.19	CO2	0.00	0.00	0.00	RELATIVE	NA		
As2O3	0.00	0.00	0.00	OT	0.65	CO2	0.00	0.00	0.00	RELATIVE	NA		
SeO2	0.00	0.00	0.00	DA	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
TeO2	0.00	0.00	0.00	OT	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
Bi2O3	0.00	0.00	0.00	AP	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
PbO	0.00	0.00	0.00	PO	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
B2O3	0.00	0.00	0.00	NS	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
Li2O	0.00	0.00	0.00	LS	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
K2O	0.00	0.00	0.00	AL	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
Ag2O	0.00	0.00	0.00	AG	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
CdO	0.00	0.00	0.00	BL	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
HgO	0.00	0.00	0.00	OPX	31.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
SnO2	0.00	0.00	0.00	OPX	0.00	CO2	0.00	0.00	0.00	RELATIVE	NA		
MoO3	0.00	0.00	0.00	AS*	0.55	CO2	0.00	0.00	0.00	RELATIVE	NA		

TRACE ELEMENTS (PPM) : AL,RE,CO,CR,NI,SR,ZR,LA,EU,TER,GA,IN

BA	74.00%	70.00%	59.00%	20.00%	14.00%	14.00%	20.00%	14.00%	70.00%
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DATE: 10-SEP-90
 ANALYST: JIMMIND

REPORT # 2000

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SAMPLE ID # VA.4159

4-DLE ROCK GEO-CHEMICAL ANALYSIS

LAB REPORT # X90-106
 DATE-CP :
 A/S : 092M05
 LTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCE OPTION
 0.0 N : 0.0 E : 1270.0

FIELD NAME : VOLCANICLASSIC,INTERBEDDED,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE,IC-SERITIZATION,SPRING.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : S McLAUGHLIN
 ANALYZED BY : DEFWING

DATE : 30-APR-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED AN-YIELD IN WT %	NORMALIZED AN-YIELD IN CAPTON %	WGT%	CLASSIFICATION AND TITLES
SIO2	61.09	55.80	51.87	Q	5450+120 11.95 5.01 35.90 ALKALINE
AL2O3	9.56	22.52	28.51	T	17.78
FE2O3	10.35	2.78	1.86	TX	10.0 81.37 11.63 11.01 SERIAL ALKALINE
SiO	0.00	11.54	9.59	AP	1.59
CaO	1.36	2.14	2.04	AV	3.84 0.00 11 15.64 0.00 34.38 SERIAL ALKALINE
MgO	13.54	2.138	23.32	LC	0.00
MnO	0.13	0.11	0.32	VD	0.00
K2O	1.33	1.73	3.00	XP	0.00
Na2O	0.91	1.05	0.70	AG	0.00 41.25 22.52 10.00 14.75 CALD-ALKALINE
P2O5	0.10	0.23	0.16	U	0.00
TiO2	0.57	0.66	0.49	L	0.00 41.25 11.63 7.78 11.01 46.94 50.00
S	0.00	0.00	0.00	SA	11.40
As	0.00	0.00	0.00	FS	2.99 0.00 51.24 11.63 11.01 14.75 ANKALINE
OP2O3	0.00	0.00	0.00	PS	34.22
SO2	0.00	0.00	0.00	PA	9.01
-20+	0.00	0.00	0.00	AD	0.00 33.58 11.63 11.01 14.75
-20-	0.00	0.00	0.00	AV	0.00 37.16 11.63 11.01 14.75
LOI	9.74	0.00	0.00	AA	2.79
				AL	1.40
TOTAL	86.84	100.00	100.00	AS	0.00
				AW	0.00
				AP	0.41
				PC	0.00
				AS	0.00
				AS	0.00
				AL	0.00
				AG	0.00
				AL	42.32
				DPX	12.77
				DPX	0.00
				ADA	1.53

TRACE ELEMENTS (P.P.M.) AL,RE,DT,PC,TR,CO,3,3,0 (P.P.M.)

FA	5.4001E-01	2.5001E-01	4743.001E-01	24.001E-01	50.001E-01	41.001E-01	07.001E-01	170.001E-01	20.001E-01
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COMMENTS : LME TRND:
 ENLARGED OF MINERALIZED ZONE DYS FOR DISSEMINATED

REPORT #2000

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SAMPLE ID # VA14161

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAS REPORT # X90-136
 TOWNSHIP :
 TDS : 083405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

STRID NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : 2 :

PROJECT # 1145
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTIMA
 0.0 N : 0.0 E : 1270.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AD COMMENTS FILE.
 LOCAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSOLUTIONAL AND BLEBS, L-SX, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DORNING

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMAL ZEP		WGT%	CLASSIFICATIONS AND NOTES
	WT %	AN-YRIGUS WT %	AN-YRIGUS CALCON %	WGT%		
SIO2	59.24	59.75	59.63	5	59.56	NA00*100 1.53 5102 60.70 5.24 (AL) NE
AL2O3	14.50	14.60	14.50	0	15.02	
FE2O3	7.40	8.14	7.51	3X	9.54	OX 37.54 N/A 0.00 3X 62.57 5.24 (AL) NE
FE0	0.00	0.00	4.12	AA	0.00	
CaO	0.16	0.17	0.17	AV	0.36	OX 0.00 01 0.00 2X 100.00 5.24 (AL) NE
MgO	9.90	10.64	10.48	LC	0.00	
NA2O	0.01	0.01	0.02	ME	0.00	A 5.24 01 34.95 Y 54.75 1 OBTAINED
K2O	1.19	1.60	1.92	CP	0.00	
TiO2	0.49	0.53	0.57	AC	0.00	AD005 5.60 N/A 2.46 79.35 1 OBTAINED
P2O5	0.07	0.08	0.05	01	0.00	
MnO	0.16	0.17	0.14	LE	0.00	AV 3.53 A/A 0.97 52 95.40 (-X) 5X'S
S	0.00	0.00	0.00	3X	28.77	
Cl	0.00	0.00	0.00	PS	3.36	01 59.02 N/A 2.46 75.49 BASALT
BR2O3	0.00	0.00	0.00	33	0.00	
CO2	0.00	0.00	0.00	FA	0.00	
-20+	0.00	0.00	0.00	WC	0.00	BASEN -10% MAGNESIUM OBTAINED BASALT
-20-	0.00	0.00	0.00	LV	0.00	AD 45.0 01 16.05 NS 38.54
LOI	6.32	0.00	0.00	MT	2.26	
TOTAL	93.92	100.00	100.00	01	0.00	COLOR INDEX : 85.00
				02	0.00	AS (MGT) INDEX : 88.52
				03	0.00	
				04	0.00	
				05	0.00	
				06	0.00	
				07	0.00	
				08	0.00	
				09	0.00	
				10	0.00	
				11	0.00	
				12	0.00	
				13	0.00	
				14	0.00	
				15	0.00	
				16	0.00	
				17	0.00	
				18	0.00	
				19	0.00	
				20	0.00	
				21	0.00	
				22	0.00	
				23	0.00	
				24	0.00	
				25	0.00	
				26	0.00	
				27	0.00	
				28	0.00	
				29	0.00	
				30	0.00	
				31	0.00	
				32	0.00	
				33	0.00	
				34	0.00	
				35	0.00	
				36	0.00	
				37	0.00	
				38	0.00	
				39	0.00	
				40	0.00	
				41	0.00	
				42	0.00	
				43	0.00	
				44	0.00	
				45	0.00	
				46	0.00	
				47	0.00	
				48	0.00	
				49	0.00	
				50	0.00	
				51	0.00	
				52	0.00	
				53	0.00	
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				57	0.00	
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				59	0.00	
				60	0.00	
				61	0.00	
				62	0.00	
				63	0.00	
				64	0.00	
				65	0.00	
				66	0.00	
				67	0.00	
				68	0.00	
				69	0.00	
				70	0.00	
				71	0.00	
				72	0.00	
				73	0.00	
				74	0.00	
				75	0.00	
				76	0.00	
				77	0.00	
				78	0.00	
				79	0.00	
				80	0.00	
				81	0.00	
				82	0.00	
				83	0.00	
				84	0.00	
				85	0.00	
				86	0.00	
				87	0.00	
				88	0.00	
				89	0.00	
				90	0.00	
				91	0.00	
				92	0.00	
				93	0.00	
				94	0.00	
				95	0.00	
				96	0.00	
				97	0.00	
				98	0.00	
				99	0.00	
				100	0.00	

TRACE ELEMENTS (P.P.M.) AL, B, P, S, R, G, R, B, L, C (P.P.P.)

BA	646.0010	40.0035	379.0015	33.0013	53.0015	35.0015	20.0015	54.0015	20.001
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ELEMENTS : END BREAK

REPORT #2000

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SAMPLE ID # VA.4.62

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-135
 TOWNSHIP :
 TNS : 082403
 TNS ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT = 0146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTICA
 0.0 N 1 : 0.0 E 1 : 1270.0

FIELD NAME : VOLCANICLASTIC, INTERBEDDED, ASH-FILLED AT CONTACTS FINE.
 FINAL NAME :
 ALTERATION : PERVASIVE DEHYDRATION, WEAK.
 MINERALIZATION : DISSEMINATED AND OCCASIONAL PYRITE.
 FORMATION :

SAMPLED BY : J. McLAUGHLIN
 ANALYZED BY : COMING

DATE : 05-AUG-90
 DATE : 18-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED			CLASSIFICATIONS AND VALUES						
	WT %	ANHYDRUS WT %	ANHYDRUS OXIDE %	WGT%								
SiO2	60.42	64.20	60.77	0	37.30	NAAG+K2O	2.05	SiO2	84.00	RO-BASALTS		
Al2O3	14.99	16.08	17.77	0	13.05							
FeO	5.70	3.11	4.49	0X	10.00	SiO2	84.00	Al2O3	0.00	SiO2 (AL) NO		
TiO2	0.00	0.55	0.55	AB	0.10							
CaO	0.20	0.21	0.32	AR	0.54	CaO	0.00	CaO	100.00	SUBALCALINE		
MgO	8.77	9.41	10.15	UC	0.00							
Na2O	0.01	0.01	0.02	ND	0.00	Al2O3	15.00	Na2O	50.49	T-DIOLITE		
K2O	1.90	2.04	2.44	AP	0.01							
SO3	0.47	0.50	0.35	AC	0.00	Al2O3	15.00	SO3	81.61	T-DIOLITE		
P2O5	0.07	0.04	0.08	CI	0.00							
MnO	0.18	0.19	0.15	DE	0.00	Al2O3	4.50	MnO	0.76	OR	94.74	X-RAY SAMPLES
S	0.00	0.00	0.00	EA	25.00							
ZnO	0.00	0.00	0.00	EB	5.00	SiO2	34.50	ZnO	PLAG	85.61	DAGALT	
CR2O3	0.00	0.00	0.00	EC	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
-20+	0.00	0.00	0.00	AC	0.00	JENSEN	-10+	MAGNESIUM	C-DIOLITE	BASALT		
-20-	0.00	0.00	0.00	EA	0.00	Al2O3	44.59	SiO2	15.29	Na2O	36.00	
LOI	5.35	0.00	0.00	ET	3.04							
TOTAL	98.24	100.00	100.00	ER	0.00	COEFF INDEX :	04.50					
				ES	0.00	AS INDEX :	98.07					
				ET	0.00							
				FA	0.00							
				FB	0.00							
				FC	0.00							
				FD	0.00							
				FE	0.00							
				FF	0.00							
				FG	0.00							
				FH	0.00							
				FI	0.00							
				FJ	0.00							
				FK	0.00							
				FL	0.00							
				FM	0.00							
				FN	0.00							
				FO	0.00							
				FP	0.00							
				FQ	0.00							
				FR	0.00							
				FS	0.00							
				FT	0.00							
				FU	0.00							
				FV	0.00							
				FW	0.00							
				FX	31.50							
				FX	0.00							
				FX	0.10							

TRACE ELEMENTS (P.P.M.) AL, FE, PO, PB, BA, CS, R, BR, S (P.P.P.P.)

BA 995.0010L 59.0012N 05.0010L 00.0010L 30.0018L 30.0017 00.0010L 99.0010L 00.0010L

COMMENTS : LIKE CRAND

REPORT #0000

PAGE 1
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SAMPLE ID # VA.4.03

4-DLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NS : 082405
 TRZ ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 BRU COORDINATES : 3 :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES LTD
 0.0 N : 0.0 W : 1070.0

FIELD NAME : VOLCANICLASSIC, INTERMEDIATE, AS - LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, ASK.
 MINERALIZATION : DISSEMINATED AND BLESS, VIX, PYRITE.
 FORMATION :

SAMPLED BY : D PELAGIELI
 ANALYZED BY : DUMAND

DATE : 05-AUG-90
 DATE : 18-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		WGT%	CLASSIFICATIONS AND VALUES								
	AL %	AN-YSRALS AL %	AN-YSRALS CALICA %											
AL	51.63	55.15	6.155	G	39.97	VALU+100	0.24	0.00	65.65	SUBALCALINE				
AL2O3	18.29	6.08	18.04	C	15.25									
FE2O3	6.27	0.09	0.48	LN	0.26	CLX	0.00	NSX	0.01	SK	67.91	SUBALKALINE		
TIO2	0.00	4.14	3.24	AB	0.10									
CaO	0.10	0.14	0.14	AI	0.00	SKX	0.00	LN	0.00	SKX	100.00	SUBALKALINE		
MgO	6.01	9.75	12.24	CO	0.00									
Na2O	0.01	0.01	0.00	ME	0.00	A	10.6	SK	15.97	SK	51.47	0.00	SK	
K2O	2.09	0.36	0.67	SE	0.00									
TRO2	0.45	0.49	0.35	AD	0.00	AD2O3	16.20	NSX	0.00	NSX	0.00	67.53	0.00	SK
ZRO2	0.00	0.00	0.00	Q	0.00									
MnO	0.15	0.17	0.14	ED	0.00	AN	0.48	ANX	0.01	SK	97.61	0.00	SK	SK
S	0.00	0.00	0.00	SI	26.48									
SiO2	0.00	0.00	0.00	SS	4.50	SI	91.94	NSX	0.00	NSX	67.53	0.00	SK	BASALT
CaCO3	0.00	0.00	0.00	SI	0.00									
CO2	0.00	0.00	0.00	TA	0.00									
CO2+	0.00	0.00	0.00	UB	0.00									
CO2-	0.00	0.00	0.00	UA	0.00									
SO2	5.21	0.00	0.00	UD	2.01									
				UE	0.65									
TOTAL	55.88	100.00	100.00	ER	0.00									
				EX	0.00									
				FX	0.00									
				AP	0.16									
				PE	0.00									
				NS	0.00									
				KS	0.00									
				RL	0.00									
				AS	0.00									
				SD	0.00									
				TKX	09.07									
				TKY	0.01									
				AKX	0.10									

TRACED ELEMENTS (WGT%) AL, FE, TIO2, ZRO2, CaO, Na2O, K2O, MnO, S, SO2, CO2, CO2+, CO2-, SO2

51.63 18.29 6.27 0.00 0.10 6.01 2.09 0.45 0.00 0.00 0.00 5.21 55.88

COMMENTS : LIVE TRENDS
 AT THE LABORATORY

REPORT #2000

PAGE 1
 PRINTED 16-OCT-90
 15:26:00

SAMPLE ID : VAL4166

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWN-SHIP :
 NGS : 002405
 UTM ZONE : 0
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONcession :
 GRID COORDINATES : E :

PROJECT # :
 PROVINCE : BRITISH COLUMBIA
 PROJECT :
 0.0 N : 0.0 E : 0.0

FIELD NAME : OTHER
 FINAL NAME :
 ALTERATION :
 MINERAL ZATION :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-??-00
 DATE : 18-03-90

ANALYTICAL
 TECHNIQUE :

	NORMALIZED		NORMALIZED			CLASSIFICATIONS AND INDEXES				
	WT %	AN-YORRIS WT %	AN-YORRIS CAT ON %	WGT%						
SiO2	70.86	71.57	67.77	2	20.05	NAG0-100	71.36	SiO2	71.07	SiO2-ALKALINE
Al2O3	14.45	14.59	16.15	3	2.77					
FeO	3.46	3.95	7.27	3X	25.49	CL	3.7	Al2O3	34.19	SiO2-ALKALINE
Fe2O3	0.00	0.00	0.00	AP	30.05					
CaO	1.36	1.39	1.40	AN	2.57	CPX	0.00	SiO2	100.00	SiO2-ALKALINE
MgO	0.84	0.85	1.19	LD	0.00					
Na2O	3.57	3.31	6.07	YE	0.00	A	63.40	Y	21.35	SiO2-ALKALINE
K2O	4.01	4.05	51.0	AP	0.00					
TiO2	0.46	0.43	0.31	AC	0.00	AL2O3	41.30	AN	15.37	SiO2-ALKALINE
P2O5	0.20	0.20	0.15	SI	0.00					
MnO	0.05	0.05	0.05	FE	0.00	AN	1.26	Al2O3	41.34	SiO2-ALKALINE
S	0.00	0.00	0.00	TA	2.37					
NO2	0.00	0.00	0.00	PS	0.29					
CR2O3	0.00	0.00	0.00	ES	0.00					
CO2	0.00	0.00	0.00	FA	0.00					
SO3+	0.00	0.00	0.00	AO	0.00					
SO3-	0.00	0.00	0.00	TA	0.00					
LOI	0.76	0.00	0.00	YO	2.07					
				TO	0.61					
TOTAL	99.0	100.00	100.00	OR	0.00					
				TA	0.00					
				AP	0.43					
				PI	0.00					
				NS	0.00					
				KS	0.00					
				KL	0.00					
				AG	0.00					
				SL	0.00					
				TPX	2.66					
				CPX	0.10					
				AN	50.05					

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PO, TR, CS, R-, RCL, P (P.P.M.)

BA 504.00100 20.00124 13.00141 20.0018 159.00154 18.0017 14.00194 177.00140 20.001

COMMENTS : STANDARD GI-A

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 16-OCT-90
 15:26:48

SAMPLE ID = VA.4.67

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-116
 TOANS-17
 NIS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT = 0146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 1270.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS-1, LOOK AT COMMENTS FILE.
 SIGNAL NAME :
 ALTERATION : PERVIOUS, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDED-SX, PYRITE.
 FIRMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : JG:KND

DATE : 26-AUG-90
 DATE : 14-SEP-90

ANALYTICAL
 TEST METHOD : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED			CLASSIFICATIONS AND INDEXES						
	WT %	AN-YORRUS AP %	AN-YORRUS BASIN %	WT %								
SiO2	64.09	40.07	57.55	0	0.00	NAF0+01	1.22	ST22	46.07	ALKALINE		
Al2O3	15.95	11.91	23.90	0	20.75							
Fe2O3	21.21	2.75	1.94	03	7.02	CA	25.80	NA	0.00	TA	26.88	SUBALKALINE
CaO	0.00	0.00	0.87	AF	0.43							
MgO	0.31	0.09	0.09	AK	0.31	CPX	0.00	OL	5.00	OPX	94.91	SUBALKALINE
MnO	0.30	0.46	20.18	UO	0.00							
K2O	0.04	0.05	0.09	VO	0.00	A	3.20	F	50.90	X	37.99	TRANSITIVE
Na2O	1.00	1.18	1.4	VP	0.00							
Li2O	0.24	0.99	0.70	AC	0.00	ALSO3	19.92	NOX	20.46	0.00	0.00	TRANS-ALKALINE
P2O5	0.1	0.16	0.14		0.00							
SO2	0.29	0.54	0.27	E	0.00	AV	0.00	AWA	5.72	OK	94.28	SEDIC
S	0.00	0.00	0.00	FA	27.67							
Cl	0.00	0.00	0.00	FS	26.64	DI	70.06	NOX	20.46	0.00	0.00	NOX BLIN TI
Br	0.00	0.00	0.00	FD	2.02							
CO2	0.00	0.00	0.00	FA	1.42							
H2O-	0.00	0.00	0.00	WB	0.00	TONSEN	HIGH	MAGNES	LY	T-OBTAINED	BASALT	
H2O+	0.00	0.00	0.00	IN	0.00	AL	36.01	FB	30.57	MS	93.22	
LOI	1.36	0.00	0.00	VT	2.91							
TOTAL	95.09	100.00	100.00	TL	7.35	COLOR INDEX :	92.66					
				CR	0.00	AS	INDEX	INDEX :	99.11			
				FX	0.00							
				AP	0.00							
				PO	0.00							
				VS	0.00							
				CS	0.00							
				RI	0.00							
				AS	0.00							
				IL	0.45							
				IPX	64.01							
				IPX	0.00							
				APX	0.43							

CRACK ELEMENTS (P.P.M.) : AL, RS, PT, PV, TR, TS, R, RL, S (P.P.P.M.)

BA 486.0012L 143.0012N 083.0012T 00.0012Z 41.0016 50.001Y 20.001A 29.001ND 01.001

COMMENTS : LIKE TRENDS

DATE: 15-SEP-90, TIME: 00:00:00, LOCAL: 00:00:00

==== F A L C O M B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 16-DEC-90
 15:27:00

SAMPLE ID # VA14163

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOXNE-IP :
 NTS : 082005
 LTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 1270.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOCK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOCK AT COMMENTS.
 METAMORPHISM : DISSEMINATED AND BLESS, L-SX, PYRITE.
 FORMATION :

SAMPLED BY : P McLAUGHLIN
 ANALYZED BY : COMING

DATE : 26-AUG-90
 DATE : 18-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED ANHYDRUS AD X		NORMALIZED ANHYDRUS CALCOX %		WGT%	CLASSIFICATIONS AND INDICES					
SiO2	54.01	59.04	53.9	5	50.29	NA2O+K2O	1.77	5.03	51.04	SUBALKALINE	
Al2O3	14.95	16.34	15.13	0	15.10	Ca	4.95	NA	0.95	57.17	SUBALKALINE
FeO	12.85	13.98	12.71	02	12.83	OPX	0.00	OPX	100.00	SUBALKALINE	
Fe2O3	0.00	0.00	0.00	AS	0.00						
CaO	0.23	0.25	0.25	AN	0.11						
MgO	7.84	8.57	8.15	LO	9.00						
Na2O	0.01	0.01	0.01	AB	0.00	A	7.79	T	54.92	57.74	0.00
K2O	1.68	1.73	1.7	CP	0.00						
TiO2	0.68	0.74	0.52	AC	0.00	AL2O3	16.54	VERY HIGH	51.06	CALCO-ALKALINE	
P2O5	0.16	0.17	0.14	IT	0.01						
MnO	0.18	0.20	0.16	E	0.00	AN	0.95	ANA	0.95	58.15	0.00
S	0.00	0.00	0.00	EN	34.00						
Cl	0.00	0.00	0.00	FS	4.00	Ca	40.00	VERY HIGH	51.06	BASALT	
CR2O3	0.00	0.00	0.00	FO	0.00						
CO2	0.00	0.00	0.00	FA	0.00						
+20+	0.00	0.00	0.00	AO	0.00	JENSEN	HIGH-ALUMINA	TITANIUM	BASALT		
+20-	0.00	0.00	0.00	IA	0.00	A	44.45	EN	26.05	MG	29.47
LOI	7.24	0.00	0.00	IT	2.55						
				TL	1.06						
TOTAL	91.48	100.00	100.00	CR	0.00	COLOR INDEX :	42.20				
				+	0.00	AG INDEX INDEX :	97.53				
				AP	0.37						
				PC	0.00						
				NS	0.00						
				KS	0.00						
				RL	0.00						
				AG	0.00						
				DL	0.00						
				OPX	38.57						
				OPX	0.00						
				AS*	0.10						

TRACE ELEMENTS (P.P.M.) AL, FE, CO, PD, CR, OS, R, ZN, H (P.P.B.)

SA 598.00(11) 486.00(17) 265.00(11) 20.00(10) 47.00(15) 24.00(11) 34.00(12) 113.00(14) 20.00:

COMMENTS : LAB ERROR
 PYRITE, CHL, BSS, CO, SOX, SERS LOCAL SILENTIFICATION

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 16-OCT-90
 15:28:12

SAMPLE ID # VA.4169

ANGLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TEAM-LEAD #
 AFB # 02000E
 ITC ZONE # 01
 SAMPLE TYPE # GRAB SAMPLE

FIELD NUMBER #
 LOT # 0 CONCNSN OM #
 GRID COORDINATES # S #

PROJECT # 1146
 PROVINCE # BRITISH COLUMBIA
 PROJECT # VICTORIA RESOURCES OPTION
 0.0 A # 0.0 SS # 1290.0

FIELD NAME # VOLCANICLASSIFIED, FELSIC, AS, LOCK AT COMMENTS FILE.
 FINAL NAME #
 ALTERATION # PERVASIVE, DEHYDRATION, WEAK.
 GENERALISATION # DISSEMINATED AND VEINS, -5% PYRITE.
 DEFORMATION #

SAMPLED BY # J. McLAUGHLIN
 ANALYZED BY # J. McLAUGHLIN

DATE # 26-AUG-90
 DATE # 17-SEP-90

ANALYTICAL
 TECHNIQUE # X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED			CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS OXIDEN %		WTR%							
SiO2	56.98	58.01	56.09	3	51.94	NAPO+MPO	1.00	9.02	51.0	SUBALKALINE		
Al2O3	13.38	14.74	15.85	2	12.14							
FeO	3.50	1.26	1.60	OX	7.62	OLA	4.27	40A	0.00	0A	52.15	SUBALKALINE
Fe2O3	0.00	0.00	0.00	AO	0.00							
CaO	0.75	0.00	0.00	AN	5.25	DOX	0.00	OL	0.00	LIX	100.00	SUBALKALINE
MgO	10.15	11.44	10.97	LO	0.00							
Na2O	0.01	0.01	0.01	NO	0.00	A	5.90	N	40.74	M	53.26	TRACED
K2O	0.07	0.07	0.07	KA	0.00							
TiO2	0.58	0.00	0.44	AF	3.00	ALPO3	14.4	NOX	0.00	97.08	0.00000	
P2O5	0.00	0.00	0.00	PI	0.00							
MnO	0.21	0.00	0.00	MO	0.00	AN	29.57	ANA	0.00	0X	69.29	TRACED
S	0.00	0.00	0.00	SA	0.00							
Cl	0.00	0.00	0.00	CS	0.00	CI	40.61	VERY PLAG	97.08	BASALT		
CO2	0.00	0.00	0.00	CO	0.00							
SO3	0.00	0.00	0.00	FA	0.00							
SO4	0.00	0.00	0.00	AB	0.00	JENSEN HIGH MAGNESIUM FIDELIFIED BASALT						
NO3	0.00	0.00	0.00	BA	0.00	AL	40.55	FE	16.96	ME	40.49	
LOI	6.80	0.00	0.00	MT	2.09							
TOTAL	91.85	100.00	100.00	CL	0.85	COLOR INDEX : 48.61						
				CR	0.00	AS PYROX WTRX : 93.80						
				HY	0.00							
				AP	0.00							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				SL	0.00							
				AC	0.00							
				CC	0.00							
				OPX	48.82							
				CPX	0.00							
				APX	0.00							

TRACE ELEMENTS (PPM) AL, K, Rb, Cs, Sr, Zr, Hf, Pb, Bi, Th, U, V, Cr, Ni, Co, Mn, Fe, Cu, Zn, Ga, Ge, As, Se, Mo, Cd, Ag, In, Sn, Sb, Te, Ba, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Re, Os, Ir, Pt, Au, Hg, Tl, Pb, Bi, Po, At, Rn, Fr, Ra, Ac, Th, Pa, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Re, Os, Ir, Pt, Au, Hg, Tl, Pb, Bi, Po, At, Rn, Fr, Ra, Ac, Th, Pa, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr

BA	48.61	100.00	100.00	0.00	48.61	34.00	30.00	13.00	10.00
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CONCENTRATIONS

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REPORT #2000

PAGE 1
 PRINTED 16-JUL-90
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SAMPLE ID FVA14170

W-DLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOANS-IP :
 NCS : 082M05
 LCM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 0.0 N : 0.0 E : 1270.0

FIELD NAME : VOLCANOCLASTIC, INTERMEDIATE, AS-HOOK AC COMMENTS FDLB.
 FINAL NAME :
 ALTERATION : PERVASIVE, DEHYDRATIZATION, MODERATE.
 MINERALIZATION : BEBEBE, 1-5%, SP-ALTERED PLUS PYRITE AND GALENA.
 FORMATION :

SAMPLED BY : J McLAUCHLIN
 ANALYZED BY : JCM/NDG

DATE : 26-AUG-90
 DATE : 13-SEP-90

A-ANALYTICAL
 TEST NOTE : X-RAY FLUORESCENCE

	WT %	NORMALIZED AN-HYDROX. WT %	NORMALIZED AN-HYDROX. OXIDE %	WDX%		CLASSIFICATIONS AND INDICES
SiO2	38.46	39.49	34.46	4	0.00	YACDFYD1 0.84 0.10 31.41 ALKALINE
Al2O3	16.15	22.11	20.16	0	21.40	
FeO*	13.45	6.15	11.15	DR	0.65	CR 79.30 NK 1.99 0A 21.35 SUBALKALINE
Fe2O3	0.00	1.52	10.99	AN	0.44	
CaO	0.75	1.01	0.99	AN	3.28	CPX 0.00 CL 17.28 DPX 80.77 SUBALKALINE
MgO	14.17	9.17	25.97	DR	0.00	
Na2O	0.29	0.39	0.69	VE	0.00	A 1.50 F 45.45 Y 58.05 T BAZALIC
K2O	0.11	0.15	0.17	XF	0.09	
TiO2	0.23	1.12	0.76	AC	0.00	ADDFD3 20.17 00M 20AG 48.75 BAZO-BAZALINE
P2O5	0.19	0.25	0.30	0	0.00	
MnO	0.41	0.51	0.49	0	0.00	AN 45.22 00A 45.42 CR 11.35 SUBID
S	0.00	0.00	0.00	0M	40.50	
NTG	0.00	0.00	0.00	PS	13.69	DI 70.46 NKY 00AG 48.75 ANKALINE
CR2O3	0.00	0.00	0.00	PD	8.43	
CO2	0.00	0.00	0.00	FA	2.89	
-20+	0.00	0.00	0.00	AD	0.00	FENBYN BASALTIC KOMAZIDES
-30+	0.00	0.00	0.00	LN	0.00	AD 27.41 00 2.19 05 41.00
LOT	13.21	0.00	0.00	YF	3.22	
				CL	1.53	
TOTAL	78.93	100.00	100.00	DR	0.00	COLOR INDEX : 79.46
				FK	0.09	AS HYDRO INDEX : 98.21
				AP	0.53	
				PC	0.00	
				NS	0.01	
				CS	0.00	
				KL	0.00	
				AG	0.00	
				CL	11.32	
				CPX	54.35	
				DPX	0.00	
				ADA	0.44	

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PB, W, CS, Z, R, S, G (P.P.B.)

SA 103.0010L 582.0012N 19750.0014V 20.0017Z 52.0018- 20.0019Y 7.10121R 204.0013D 20.001

CONTENTS : 133 GRAMS

REPORT 12000

PAGE 1
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SAMPLE ID = VA14170

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-188
 TO498-IP :
 VES : 082005
 JOB CODE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 RE : 1145.0

PROJECT = 1147
 PROVINCE : BRITIS COLUMBIA
 PROJECT : BEDFORDS OPTICA

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, QUARTZ AND FELDSPAR PORP-YRUCIC, LOOK AT COMMENTS FILE.
 LOCAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, ABAK.
 MINERALIZATION : DISSEMINATED AND BUBBLES, K, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMENCO

DATE : 26-SEP-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		WGT%	CLASSIFICATION AND INDEXES						
	WT %	ANHYDRUS WT %	ANHYDRUS CATION %									
SiO2	58.08	57.09	55.41		9.46	VAR1401	5.80	57.09	5.60	SUBALKALINE		
Al2O3	7.14	6.04	15.20		5.88							
FeO	2.48	2.15	1.47	OK	1.85	GLX	16.41	NOX	40.81	OK	41.77	SUBALKALINE
CaO	0.00	5.75	3.91	AX	57.91							
MgO	1.30	1.37	1.32	AV	6.18	CPX	0.00	CL	0.00	CPX	100.00	SUBALKALINE
*K2O	4.44	4.57	6.00	CC	0.00							
*Na2O	0.15	0.48	11.40	VO	0.00	A	36.64	Z	38.18		35.19	TRONTSITE
*H2O	0.96	0.00	0.00	TP	0.00							
TiO2	0.34	0.07	0.38	AD	0.00	ALSO2	18.04	NOX	21.65	9.78	5.60	SUBALKALINE
P2O5	0.07	0.07	0.06		0.00							
SO3	0.05	0.05	0.06	Z	0.00	AV	9.50	NOX	20.35	OK	2.81	TRONTSITE
S	0.00	0.00	0.00	BY	12.54							
MnO	0.00	0.00	0.00	FS	5.71							
CR2O3	0.00	0.00	0.00	SD	0.00							
CO2	0.00	0.00	0.00	SA	0.00							
-20+	0.00	0.00	0.00	SD	0.00	JENSEN						ALKALINE ANDESITE
-20-	0.00	0.00	0.00	TA	0.00	AL	50.35	CP	18.54	NI	20.10	
LOI	4.08	0.00	0.00	XT	3.20							
				UL	0.78							
TOTAL	94.95	100.00	100.00	CP	0.00	ORDER INDEX :						
				TR	0.00	ANHYDRUS INDEX :						
				AP	0.17							
				PI	0.00							
				VB	0.00							
				VS	0.00							
				SL	0.00							
				AS	0.00							
				BL	0.00							
				BPX	18.34							
				CPX	0.00							
				AKX	59.01							

GRADE ELEMENTS (Wt.%) : AL, FE, PI, TP, TR, CO2, S, LOI (20, 20+)

RE : 255.2040L 205.0112A 120.2013M 20.0014K 25.0015B 124.0017Y 20.0018I 24.0019S 20.001

COMMENTS : 45AN 31110 224007A

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REPORT #2000

PAGE 1
 PRINTED 16-OCT-90
 15:30:58

SAMPLE ID : VA.4170

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-185
 TOWNSHIP :
 NTS : 08005
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONDESSION :
 GRID COORDINATES : E :

PROJECT = 1047
 PROVINCE : BRITISH COLUMBIA
 PROJECT : SEC/CO/MNS DESIGN
 0.0 W : 0.0 E : 1025.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS-, FELDSPAR PORPHYRITIC.
 FORMAL NAME :
 ALTERATION : PERVASIVE, C-CRISTALLIZATION, ASK.
 GENERALIZATION : DISSEMINATED AND AGING, 1-5%, LOOK AT COMMENTS FIELD.
 STRATIGRAPHY :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DUMINGO

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS
	WT %	ANHYDROUS AT %	ANHYDROUS OXID %		
SiO2	60.85	63.69	58.76	S	3.01
Al2O3	7.99	8.53	19.57	AL	3.25
Fe2O3	3.69	2.19	1.44	OX	2.77
FeO	0.00	3.35	2.51	AN	75.05
CaO	0.93	0.95	0.92	AN	4.74
MgO	2.40	2.50	3.34	OX	0.00
MnO	0.39	0.34	15.01	NS	0.00
K2O	0.47	1.15	0.55	AP	0.00
TiO2	0.57	0.59	0.40	AN	0.00
Na2O	0.07	0.07	0.05	AN	0.00
P2O5	0.06	0.06	0.05	S	0.00
B	0.00	0.00	0.00	AN	6.53
NiO	0.00	0.00	0.00	S	2.19
ZnO	0.00	0.00	0.00	S	0.00
CO2	0.00	0.00	0.00	AN	0.00
SO3	0.00	0.00	0.00	AN	0.00
CO*	2.60	0.00	0.00	AN	2.16
TOTAL	97.10	100.00	100.00	OR	0.00
				Y	0.00
				AP	0.00
				PD	0.00
				NS	0.00
				AS	0.00
				RL	0.00
				AL	0.00
				OL	0.00
				OPX	0.00
				EPX	0.00
				AN*	75.05

CLASSIFIED OXIDES AND ENDS				
SiO2	60.85	63.69	58.76	ALUMINA
Al2O3	7.99	8.53	19.57	ALUMINA
Fe2O3	3.69	2.19	1.44	IRON OXIDE
FeO	0.00	3.35	2.51	IRON OXIDE
CaO	0.93	0.95	0.92	CALCIA
MgO	2.40	2.50	3.34	MAGNESIA
MnO	0.39	0.34	15.01	MANGANESE
K2O	0.47	1.15	0.55	POTASSIA
TiO2	0.57	0.59	0.40	TITANIA
Na2O	0.07	0.07	0.05	SODIA
B	0.00	0.00	0.00	BORON
NiO	0.00	0.00	0.00	NICKEL
ZnO	0.00	0.00	0.00	ZINC
CO2	0.00	0.00	0.00	CO2
SO3	0.00	0.00	0.00	SULFUR
CO*	2.60	0.00	0.00	CO*
TOTAL	97.10	100.00	100.00	TOTAL

TRACE ELEMENTS (P.P.M.) AL, RE, PB, CU, TR, CS, ZN, R, AG (P.P.B.)

Al	299.0010	36.0013	22.0014	20.0017	53.0019	77.0021	20.0023	60.0024	11.0025
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COMMENTS : 0.55 FA CARB.

REPORT #2000

PAGE 1
 PRINTED 16-OCT-90
 5:31:40

SAMPLE ID # VA14174

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAS REPORT # X90-125
 TOWN-SHIP :
 NTS : 082405
 LT ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 0147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BETA/COYNE'S OPTION
 0.0 N : 0.0 E : 125.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, FELDSPAR PORPHYRYS.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, AZAC.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SWALLO; AC DOMINANT SILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 05-AUG-90
 DATE : 03-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED			CLASSIFICATION AND INDEXES					
	WT %	AV-VALUES WT %	AV-VALUES CAL IN %	ASPT		CLASS	PER	GR	AN	OR	INDEX
SiO2	61.73	62.80	56.36	1	4.74	48.00	1.90	51.10	6.18	ALTA	48
Al2O3	7.53	6.46	9.54	1	3.17						
Fe2O3	0.31	0.13	1.14	17	0.31	0A	0.47	NA	45.13	EX	4.50
FeO	0.00	0.98	0.99	AP	70.75						
CaO	0.60	0.21	0.69	AX	2.90	0PX	0.00	CL	0.00	0PX	100.00
MgO	0.17	0.20	3.00	CO	0.00						
Na2O	0.10	0.34	14.58	VC	0.00	4	50.30	9	34.57	10	10.11
K2O	0.58	0.59	0.56	CP	0.00						
TiO2	0.37	0.55	0.40	AC	0.00	AC205	10.46	NAK	PLAG	3.92	CALC-ALKALINE
P2O5	0.07	0.07	0.05	CI	0.00						
MnO	0.05	0.05	0.06	E	0.00	AX	3.75	ANA	92.03	0X	4.19
S	0.00	0.00	0.00	FA	0.00						
ZnO	0.00	0.00	0.00	FS	2.87	CI	12.85	WGX	PLAG	3.92	GRAB Y22
CR2O3	0.00	0.00	0.00	FO	0.00						
CO	0.00	0.00	0.00	FA	0.00						
Li2O	0.00	0.00	0.00	WT	0.00	BASE	CALC-ALKALINE	BASE			
BB	0.00	0.00	0.00	TA	0.00	AD	71.27	10	17.90	16	10.01
BT	3.59	0.00	0.00	XT	2.17						
				Y	0.75						
TOTAL	97.10	100.00	100.00	OR	0.00	COEFF INDEX :	10.00				
				PH	0.00	AS INDEX :	09.76				
				AP	0.12						
				AO	0.00						
				AS	0.00						
				AV	0.00						
				AS	0.00						
				AC	0.00						
				ATX	0.37						
				0PX	0.00						
				ASX	70.75						

TRACE ELEMENTS (P.P.M.) AL, RE, SC, RO, TR, OS, R, AD, P (P.P.P.)

SA	329.0010L	20.0017A	195.0010L	20.0013H	37.0015X	22.001Y	20.0012M	95.0013D	40.001
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REMARKS : 0.55 FE GRAB, 0.54 G/L D.F. 0.04017

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:50:28

SAMPLE ID # VA14175

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 RL : 1140.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	82.52	84.11	82.40	0	70.68	NA2O+K2O	2.71	SiO2	84.11	SUBALKALINE		
Al2O3	9.53	9.71	11.22	C	6.79	OL*	1.03	Na*	0.08	QA	98.89	SUBALKALINE
Fe2O3	1.96	2.00	1.47	OR	16.90	CPX	0.00	OL	0.00	QPX	100.00	SUBALKALINE
FeO	0.00	0.00	0.00	AB	0.10	A	55.96	F	37.10	M	6.94	THOLEIITIC
CaO	0.56	0.57	0.60	AN	2.57	Al2O3	9.71	NORM	PLAG	96.37	THOLEIITIC	
MgO	0.33	0.34	0.49	LC	0.00	AN	13.15	AN*	0.49	OR	86.36	K-BASIC SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI	2.51	NORM	PLAG	96.37	BASALT	
K2O	2.65	2.70	3.38	KP	0.00	JENSEN CALC-ALKALINE RHYOLITE						
TiO2	0.46	0.47	0.35	AC	0.00	Al	82.77	Fe	13.60	Mg	3.62	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX : 2.51						
MnO	0.03	0.03	0.03	KE	0.00	MAGMATO INDEX : 83.94						
S	0.00	0.00	0.00	EN	0.98							
NiO	0.00	0.00	0.00	FS	0.00							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.22	0.00	0.00	MT	0.00							
TOTAL	98.11	100.00	100.00	IL	0.05							
				CR	0.00							
				HM	1.47							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.32							
				AG	0.00							
				OL	0.00							
				DPX	0.98							
				CPX	0.00							
				AB*	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, FT, PD, IR, OS, R4, RU, HG (P.P.B.)

BA 1037.00:CU 27.00:ZN 23.00:NI 22.00:RB 93.00:SR 53.00:Y 20.00:ZK 187.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:51:00

SAMPLE ID # VA14176

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/COMINCO OPTION
 0.0 N : 0.0 E : 1145.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLSRS, KX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.51	66.03	61.29	Q 22.35	NA2O+K2O 7.39 SiO2 66.03 SUBALKALINE
Al2O3	17.45	18.73	20.49	D 5.31	
Fe2O3	3.01	2.03	1.42	OR 24.18	OLA 6.32 NEA 31.15 GA 62.53 SUBALKALINE
FeO	0.00	1.08	0.84	AB 29.26	
CaO	2.29	2.46	2.44	AN 11.24	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.60	1.72	2.38	LC 0.00	
Na2O	3.03	3.25	5.85	NE 0.00	A 67.32 F 24.32 M 14.36 CALC-ALKALINE
K2O	3.80	4.08	4.84	KP 0.00	
TiO2	0.39	0.42	0.29	AC 0.00	AL2O3 18.73 NORM PLAG 27.75 CALC-ALKALINE
P2O5	0.14	0.15	0.12	DR 0.00	
MnO	0.05	0.05	0.04	BE 0.00	AN 17.37 AB* 45.24 OR 37.38 K-RICH SERIES
S	0.00	0.00	0.00	BN 4.75	
NiO	0.00	0.00	0.00	ES 0.00	CI 7.34 NORM PLAG 27.75 DACITE
Cr2O3	0.00	0.00	0.00	ZO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
K2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 80.49 FF 10.18 MG 9.33
LOI	5.42	0.00	0.00	MT 1.77	
TOTAL	93.16	100.00	100.00	IL 0.58	COLOR INDEX : 7.34
				CR 0.00	HASHIMOTO INDEX : 50.37
				HM 0.24	
				AP 0.32	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.75	
				CPX 0.00	
				AB* 29.26	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RA, RU, V (P.P.B.)

BA 2141.00:CU 40.00:ZN 56.00:NI 20.00:RB 145.00:SK 283.00:Y 46.00:ZR 629.00:MB 41.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14177

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEL/COMENCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 1003.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,LOOK AT COMMENTS,MODERATE.
 MINERALIZATION : STRINGERS ,1-5%,PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES	
SiO2	58.72	63.43	57.47	0	4.96	NA2O+K2O 8.37 5302 63.43 SUBALKALINE
AL2O3	14.30	15.45	16.50	2	0.00	
FE2O3	5.43	3.21	1.51	GR	3.75	01A 3.86 NEA 53.03 QA 43.01 SUBALKALINE
FeO	0.00	3.29	2.49	AR	67.83	
CaO	3.72	4.02	3.90	AK	5.45	CPX 73.20 OL 0.00 OPX 26.80 ALKALINE
MgO	2.21	2.39	3.22	LC	0.00	
Na2O	7.15	7.72	13.57	NE	0.00	A 52.20 E 32.91 X 14.89 INDETERMINATE
K2O	0.60	0.65	0.75	KP	0.00	
TiO2	0.55	0.59	0.40	AC	0.00	AL2O3 15.45 NORM FLAG 7.44 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI	7.44	
MnO	0.15	0.16	0.12	FE	3.36	AN 2.07 ABA 88.06 OR 4.87 K-POOR SERIES
S	0.00	0.00	0.00	EN	2.72	
NO	0.00	0.00	0.00	FS	1.23	CI 17.83 NORM FLAG 7.44 DIACITE
CR2O3	0.00	0.00	0.00	EU	0.00	
CO2	0.00	0.00	0.00	FA	0.00	
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN	0.00	AL 68.03 EE 18.68 KG 13.29
LOI	7.55	0.00	0.00	MT	2.26	
TOTAL	92.57	100.00	100.00	IL	0.81	
				CR	0.00	COLOR INDEX : 17.83
				SM	0.00	WASHINGTON INDEX : 30.54
				AP	0.18	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RU	0.00	
				AG	0.00	
				OL	0.00	
				OPX	3.95	
				CPX	10.80	
				ABA	67.83	

TRACE ELEMENTS (P.P.B.) AU,RE,PC,PD,PR,PS,PP,RS,SS (P.P.B.)

BA 199.00:CL 41.00:ZN 55.00:NI 43.00:BR 23.00:SR 480.00:Y 10.00:ZK 195.00:NB 33.00:

COMMENTS : CALCAREOUS, STRONGLY SILICIFIED, CHERY TUFF?

==== F A L C O N B R I D G E I I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:52:41

SAMPLE ID # VA14178

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1075.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SILICIFICATION,STRONG.
 MINERALIZATION : DISSEMINATED AND BLSRS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	53.74	60.15	54.65	Q 0.00	NA20+K20 8.13 SiO2 60.15 ALKALINE
Al2O3	13.30	14.89	15.94	C 0.00	
Fe2O3	2.21	2.03	1.39	OR 5.33	DiA 0.00 NKA 60.15 QA 30.85 ALKALINE
FeO	0.00	0.40	0.31	AB 60.51	
CaO	12.27	13.73	13.37	AN 5.45	CPX100.00 OL 0.00 OPX 0.00 ALKALINE
MgO	0.14	0.16	0.21	LC 0.00	
Na2O	6.44	7.21	12.70	NE 1.79	A 77.33 F 21.18 K 1.49 CALC-ALKALINE
K2O	0.82	0.92	1.07	KP 0.00	
TiO2	0.31	0.35	0.24	AC 0.00	AL2O3 14.89 NORM PLAG 7.91 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI 0.85	
MnO	0.07	0.08	0.06	FE 0.00	AN 7.34 ABA 85.49 DR 7.17 SODIC
S	0.00	0.00	0.00	EN 0.00	
NiO	0.00	0.00	0.00	FS 0.00	DI 2.84 NORM PLAG 7.91 TRACHYTE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 23.91	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LM 0.00	AL 87.87 FK 10.96 MG 1.17
LOI	9.63	0.00	0.00	MI 0.39	
TOTAL	99.34	100.00	100.00	IL 0.47	COLOR INDEX : 2.84 WASHMOTU INDEX : 4.88
				CR 0.00	
				HM 1.13	
				AP 0.18	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				DPX 0.00	
				CPX 0.85	
				ABA 63.49	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 546.00:CU 20.00:ZN 20.00:NI 20.00:RB 24.00:SR 823.00:Y 25.00:ZR 280.00:NB 20.00:

COMMENTS : PROBABLE CHERTY TUFF

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:53:23

SAMPLE ID # VA14179

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NIS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 0.0 N : 0.0 E : 1090.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASA, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	55.04	59.51	55.29	Q 6.64	NA2O+K2O 6.45 SiO2 59.53 ALKALINE
Al2O3	18.00	19.46	21.31	C 0.00	
Fe2O3	4.65	2.14	1.50	OR 31.69	Q1* 3.71 NKA 46.11 Q* 50.78 SUBALKALINE
FeO	0.00	3.60	3.02	AB 28.04	
CaO	5.74	6.21	6.18	AN 23.41	CPX 73.74 OL 0.00 OPX 26.26 ALKALINE
MgO	0.81	0.88	1.21	LC 0.00	
Na2O	2.88	3.11	5.61	NE 0.00	A 61.03 F 32.65 K 6.32 THOLEIITIC
K2O	4.94	5.34	6.34	KP 0.00	
TiO2	0.48	0.52	0.36	AC 0.00	AL2O3 19.46 NORM FLAG 45.50 CALC-ALKALINE
P2O5	0.16	0.17	0.14	DI 2.83	
MnO	0.06	0.06	0.05	HE 2.24	AN 28.16 ANA 33.73 OR 38.11 SODIC
S	0.00	0.00	0.00	EN 1.01	
NiO	0.00	0.00	0.00	ES 0.80	CI 9.85 NORM FLAG 45.50 KAWAIIITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	SENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AI 80.56 FE 14.85 RB 4.58
LOI	6.67	0.00	0.00	MT 2.25	
TOTAL	92.49	100.00	100.00	IL 0.73	COLOR INDEX : 9.85 WASHINGTON INDEX : 40.01
				CR 0.00	
				HM 0.00	
				AP 0.36	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.81	
				CPX 5.07	
				ABA 28.04	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, OS, R-, RU, (P.P.P.)

BA 3297.00:CU 24.00:ZN 20.00:NI 20.00:RB 153.00:SR 366.00:Y 23.00:ZR 193.00:NB 21.00:

COMMENTS : IRON CARBONATE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:54:05

SAMPLE ID # VA14180

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1130.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 17-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES	
SiO2	54.23	57.35	51.74	0	0.00	NA2O+K2O 7.90 SiO2 57.35 ALKALINE
Al2O3	17.85	18.88	30.07	C	3.85	
Fe2O3	8.21	2.26	1.54	OR	7.80	OLA 19.80 NFA 44.66 OA 35.53 SUBALKALINE
FeO	0.00	5.78	4.36	AP	57.25	
CaO	1.69	1.79	1.73	AN	8.03	CPX 0.00 OL 10.02 DPX 89.98 SUBALKALINE
MgO	4.89	5.17	6.95	LC	0.00	
Na2O	6.19	6.55	13.45	NE	0.00	A 37.83 F 37.42 M 24.76 THOLEIITIC
K2O	1.28	1.35	1.58	KP	0.00	
TiO2	0.64	0.68	0.46	AD	0.00	AL2O3 18.88 NORM PLAG 12.30 CALC-ALKALINE
P2O5	0.09	0.10	0.07	DT	0.00	
MnO	0.09	0.10	0.07	FE	0.00	AN 10.99 ADA 78.34 DR 10.67 SODIC
S	0.00	0.00	0.00	EN	12.11	
NiO	0.00	0.00	0.00	ES	5.38	CI 32.88 NORM PLAG 12.30 KEGGARITE
Cr2O3	0.00	0.00	0.00	FU	1.35	
CO2	0.00	0.00	0.00	FA	0.62	
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN	0.00	AL 60.00 NE 19.21 KG 20.79
LOI	4.69	0.00	0.00	MT	2.30	
				IL	0.92	
TOTAL	94.55	100.00	100.00	CR	0.00	COLOR INDEX : 22.88
				HM	0.00	WASHIMOTO INDEX : 43.91
				AP	0.19	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RJ	0.00	
				AG	0.00	
				OL	1.97	
				DPX	17.69	
				CPX	0.00	
				ABA	57.25	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, Rb, RU, Ag (P.P.B.)

BA 619.00:CU 73.00:ZN 201.00:NI 20.00:RB 49.00:SR 284.00:Y 20.00:ZK 111.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:54:47

SAMPLE ID # VA141B1

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/CDMINCO OPTION
 0.0 N : 0.0 E : 1050.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : STRINGERS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.94	66.51	61.75	Q	24.52	Na2O+K2O	5.51	SiO2	66.51	SUBALKALINE		
Al2O3	15.24	15.85	17.35	C	4.74	OLA	15.85	NEA	26.23	QA	57.91	SUBALKALINE
Fe2O3	5.24	2.02	1.41	OR	12.58	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.09	2.40	AB	30.52	A	37.50	F	33.36	M	29.15	TROILITIC
CaO	2.02	2.10	2.09	AN	9.97	AL2O3	15.85	NORM	PLAG	24.63		CALC-ALKALINE
MgO	4.13	4.29	5.93	LC	0.00	AN	18.79	ABA	57.50	OR	23.70	AVERAGE SERIES
Na2O	3.26	3.39	6.10	NE	0.00	CI	17.51	NORM	PLAG	24.63		ANDESITE
K2O	2.04	2.12	2.52	XP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.44	0.46	0.32	AC	0.00	AL	63.13	FF	15.29	MG	21.58	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX : 17.51						
MnO	0.09	0.09	0.07	SE	0.00	HAS-IMGTO INDEX : 53.85						
S	0.00	0.00	0.00	SN	11.86							
NiO	0.00	0.00	0.00	ES	2.89							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.98	0.00	0.00	MT	2.11							
TOTAL	96.13	100.00	100.00	IL	0.64							
				CR	0.00							
				HM	0.00							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	14.75							
				CPX	0.00							
				AB*	30.52							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PO, (R, OS, R, R, R, R) (P.P.B.)

BA 629.00:CU 20.00:ZN 87.00:NI 20.00:RH 54.00:SR 126.00:Y 20.00:ZR 102.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VA14182

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1010.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.80	64.13	60.34	Q 31.57	NA2O+K2O 3.43 SiO2 64.73 SUBALKALINE
Al2O3	15.54	16.66	18.48	C 11.05	
Fe2O3	7.17	2.12	1.50	OR 15.40	OLA 28.35 NEA 7.49 QA 64.76 SUBALKALINE
FeO	0.00	5.01	3.94	AB 7.92	
CaO	1.36	1.46	1.47	AN 6.92	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.03	6.47	9.07	LC 0.00	
Na2O	0.81	0.87	1.58	NE 0.00	A 20.41 E 41.14 K 38.45 THOLEIITIC
K2O	2.39	2.56	3.08	KP 0.00	
TiO2	0.48	0.51	0.36	AC 0.00	AL2O3 16.66 NORM FLAG 46.64 CALC-ALKALINE
P2O5	0.06	0.06	0.05	BF 0.00	
MnO	0.13	0.14	0.11	ME 0.00	AN 22.89 AB* 26.19 OR 50.91 K-RICH SERIES
S	0.00	0.00	0.00	EN 18.14	
NiO	0.00	0.00	0.00	ES 5.87	CI 26.99 NORM FLAG 46.64 BASALT
Cr2O3	0.00	0.00	0.00	EU 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 55.22 EF 17.69 MG 27.09
LOI	5.56	0.00	0.00	MT 2.26	
TOTAL	93.25	100.00	100.00	IL 0.73	COLOR INDEX : 26.99 HASHIMURO INDEX : 79.51
				CR 0.00	
				FM 0.00	
				AP 0.14	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AD 0.00	
				OL 0.00	
				DPX 24.01	
				CPX 0.00	
				ABA 7.92	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, TR, OS, KR, RU, TG (P.P.B.)

BA 688.00:CU 146.00:ZN 1180.00:NI 20.00:RB 74.00:SR 61.00:Y 20.00:ZR 79.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID : VA14183

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 EL : 1025.0

FIELD NAME : VOLCANIC, MAFIC , FINE, LOOK AT COMMENTS.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL , NIL.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	48.15	54.48	50.68	Q 7.63	NA2O+K2O 5.18 SiO2 54.48 SUBALKALINE
Al2O3	15.56	17.60	19.30	C 3.24	
Fe2O3	8.07	2.79	1.96	OR 19.63	Q1A 37.62 NKA 20.61 Q1A 41.76 SUBALKALINE
FeO	0.00	5.70	4.44	AR 16.94	
CaO	4.71	5.33	5.31	AN 21.87	OPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.02	6.81	9.44	LC 0.00	
Na2O	1.66	1.88	3.39	NE 0.00	A 25.64 F 40.65 M 33.70 TRICLITIC
K2O	3.92	3.30	3.93	KP 0.00	
TiO2	0.97	1.10	0.77	AC 0.00	AL2O3 17.60 NORM PLAS 56.36 CALC-ALKALINE
P2O5	0.63	0.71	0.56	DI 0.00	
MnO	0.26	0.29	0.23	HE 0.00	AN 37.43 ANA 28.98 OR 33.59 K-RICH SERIES
S	0.00	0.00	0.00	EN 18.89	
NiO	0.00	0.00	0.00	FS 5.84	DI 29.20 NORM PLAS 56.36 BASALT
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 53.42 FE 20.45 MG 26.13
LOI	10.82	0.00	0.00	MT 2.93	
TOTAL	88.39	100.00	100.00	IL 1.54	COLOR INDEX : 39.20 WASHENKO INDEX : 58.39
				CR 0.00	
				HM 0.00	
				AP 1.50	
				PC 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 24.73	
				CPX 0.00	
				ABA 16.94	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, RB, RU, MG (P.P.S.)

BA	2015.00:CU	42.00:ZN	2590.00:NI	57.00:RB	62.00:SK	388.00:Y	20.00:ZK	237.00:NB	24.00:
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COMMENTS : NEPHELINE CRYSTALS?

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 07-SEP-90
 14:56:52

SAMPLE ID # VA14184

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-131
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/COMINCO OPTION
 0.0 N : 0.0 E L : 050.0

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : STRINGERS ,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-AUG-90
 DATE : 06-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	72.05	74.34	71.68	Q 53.51	NA2O+K2O 4.57 SiO2 74.34 SUBALKALINE
Al2O3	15.87	16.37	18.61	C 12.67	
Fe2O3	3.45	2.04	1.48	OR 27.19	Or* 2.07 Nb* 1.54 Or* 96.40 SUBALKALINE
FeO	0.00	1.36	1.10	AB 1.45	
CaO	0.19	0.20	0.20	AN 0.52	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.52	0.54	0.77	LC 0.00	
Na2O	0.15	0.15	0.29	NE 0.00	A 55.00 F 38.54 H 6.46 THOLEIITIC
K2O	4.28	4.43	5.44	KP 0.00	
TiO2	0.48	0.50	0.36	AC 0.00	Al2O3 16.37 NORM PLAG 26.46 CALC-ALKALINE
P2O5	0.07	0.07	0.06	OI 0.00	
MnO	0.01	0.01	0.01	WE 0.00	AN 1.78 Ab* 4.96 Or 99.25 K-RICH SERIES
S	0.00	0.00	0.00	EN 1.54	
NiO	0.00	0.00	0.00	ES 0.02	CI 4.50 NORM PLAG 26.46 BACITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 83.34 Fe 13.21 Mg 3.45
LOI	3.24	0.00	0.00	MT 2.22	
TOTAL	96.92	100.00	100.00	IL 0.72	COLOR INDEX : 4.50 WASHKUTO INDEX : 93.39
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.56	
				CPX 0.00	
				Ab* 1.45	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,AG (P.P.B.)

BA 773.00:CU 27.00:ZN 70.00:NI 20.00:RH 125.00:SR 48.00:Y 20.00:ZK 88.00:NB 20.00:

COMMENTS :

==== PALCONBERIDGE LTD. =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:27:37

SAMPLE ID = UA14186

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 TOWNSHIP :
 NTS : 032405
 UTM ZONE : 0
 SAMPLE TYPE :

FIELD NUMBER : ELR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT #
 PROVINCE : BRITISH COLUMBIA
 PROJECT :
 0.0 N : 0.0 E : 0.0

FIELD NAME : LY-ERL
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY :
 ANALYSED BY :

DATE : 00-000-00
 DATE : 00-000-00

ANALYTICAL
 TIC-NUMBER :

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMG	CLASSIFICATIONS AND INDICES							
SiO2	70.94	71.50	67.09	6	50.07	AA20+K20	71.59	SiO2	71.50	SUBALKALINE		
Al2O3	14.50	14.61	16.16	0	2.75							
Fe2O3	3.45	1.95	1.37	1K	25.67	GA	0.27	NCA	28.72	GA	68.01	SUBALKALINE
FeO	0.00	1.38	1.08	A3	30.07							
CaO	1.38	1.39	1.40	AN	5.65	CPX	0.00	CL	0.00	CPX	100.00	SUBALKALINE
MgO	0.87	0.88	1.28	10	0.00	A	65.45	Y	26.98	N	7.56	CALC-ALKALINE
Na2O	3.28	3.91	6.01	12	0.00	AL2O3	14.61	NORM	PLAG	15.83		CALC-ALKALINE
K2O	4.20	4.28	5.13	17	0.00	AN	0.21	ABA	48.98	OR	41.81	S-RICH SERIES
TiO2	0.45	0.43	0.31	AG	0.00	D	5.41	NORM	PLAG	15.83		DACITE
P2O5	0.20	0.20	0.16	11	0.00							
MnO	0.07	0.07	0.06	1E	0.00	JENSEN						CALC-ALKALINE
S	0.00	0.00	0.00	1A	2.45	AL	79.99	FE	13.94	KG	6.07	DACITE
NiO	0.00	0.00	0.00	1B	0.29							
Cr2O3	0.00	0.00	0.00	1D	0.00							
CO2	0.00	0.00	0.00	1A	0.00							
-20+	0.00	0.00	0.00	10	0.00							
-20-	0.00	0.00	0.00	1A	0.00							
LOI	0.72	0.00	0.00	1T	2.06							
TOTAL	99.23	100.00	100.00	1L	0.61							
				1R	0.00							
				1Y	0.00							
				1P	0.43							
				1Q	0.00							
				1S	0.00							
				1E	0.00							
				1G	0.00							
				1L	0.00							
				1PX	2.74							
				1PY	0.00							
				1A*	30.07							

TRACE ELEMENTS (P.P.M.) AL, RE, CO, Ni, CR, IS, R, ZN, B (P.P.B.)

BA 522.00:Ca 20.00:Zn 74.00:Ni 20.00:RE 164.00:ISX 120.00:Y 01.00:Zn 149.00:NR 20.00:

COMMENTS : STANDARD 67-A

==== F A I R B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:28:20

SAMPLE ID # VAL4187

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-106
 SONS-EP :
 NS : 012405
 LTM ZONE :
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELER90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 207907.0 N : 569864.0 EL : 1175.0

PROJECT # 2146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRYITIC.
 LOCAL NAME :
 ALTERATION : PERVASIVE, LC, LORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDED, KIX, PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : CUKINCO

DATE : 24-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NO X	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NRMS	CLASSIFICATIONS AND INDICES						
SiO2	68.86	71.78	69.01	T	49.59	NA2O+K2O	3.05	SiO2	71.78	SUBALKALINE		
Al2O3	11.18	12.05	10.66	C	7.27	Or*	18.07	Nb*	12.06	Or*	69.86	SUBALKALINE
Fe2O3	9.10	9.79	8.29	OR	8.36	CPX	0.00	Or	0.00	CPX	100.00	SUBALKALINE
FeO	0.00	6.97	9.61	AB	15.71	A	20.70	F	58.24	K	21.06	T-OLÉITIC
CaO	0.78	0.52	0.64	AK	3.92	Al2O3	12.05	NORM PLAG	19.98	THOLEITIC		
MgO	2.96	3.10	4.44	SC	0.00	AN	14.00	AR*	56.13	OR	29.86	K-RICH SERIES
Na2O	1.61	1.69	0.14	AE	0.00	Or	21.06	NORM PLAG	19.98	ANDRESITE		
K2O	1.20	1.36	1.07	CP	0.00	JENSEN THOLEITIC ANDRESITE						
SiO2	0.20	0.21	0.15	AC	0.00	Al	58.07	Fe	28.48	Kb	17.55	
P2O5	0.04	0.04	0.00	BT	0.00	CUMUL INDEX : 21.06						
MnO	0.19	0.20	0.16	BE	0.00	AS. INDEX INDEX : 64.06						
S	0.00	0.00	0.00	BN	8.88							
V2O5	0.00	0.00	0.00	TO	9.94							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
+20+	0.00	0.00	0.00	HO	0.00							
+20-	0.00	0.00	0.00	LN	0.00							
Li2O	3.09	0.00	0.00	NO	1.93							
TOTAL	98.84	100.00	100.00	OL	0.30							
				OR	0.00							
				SA	0.00							
				AP	0.09							
				PC	0.00							
				AS	0.00							
				KS	0.00							
				RL	0.00							
				AG	0.00							
				CL	0.00							
				OPX	16.82							
				CPX	0.00							
				AR*	55.71							

TRACE ELEMENTS (P.P.M.) AL, RB, RE, Zr, BR, NB, R, R, S (P.P.B.)

3A 1009.00:CL 1790.00:Zr 779.00:Al 20.00:Rr 47.00:Br 64.00:Y 20.00:Zr 64.00:Rb 20.00:

COMMENTS :

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:29:06

SAMPLE ID # VAL4788

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELTR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297907.0 N : 5691864.0 EL : 1175.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, ELSLIC, AS4, QUARTZ PORPHYRYTC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : STROMGERS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 24-AUG-90
 DATE : 19-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		WGT%
SiO2	72.69	76.26	78.76	Si	56.24
Al2O3	13.70	14.37	16.39	Al	15.10
Fe2O3	3.17	1.80	2.02	OR	23.99
FeO	0.00	2.03	1.64	AB	0.59
CaO	0.20	0.21	0.22	AN	0.94
MgO	1.02	1.07	1.54	LS	0.00
Na2O	0.06	0.06	0.12	KC	0.00
K2O	3.70	3.38	4.79	KP	0.00
SiO2	0.22	0.23	0.17	AC	0.00
P2O5	0.02	0.02	0.02	BT	0.00
MnO	0.05	0.05	0.04	TD	0.00
S	0.00	0.00	0.00	BN	3.08
NiO	0.00	0.00	0.00	ES	1.72
CR2O3	0.00	0.00	0.00	EB	0.00
CO2	0.00	0.00	0.00	TA	0.00
+20+	0.00	0.00	0.00	MO	0.00
+20-	0.00	0.00	0.00	LK	0.00
LOI	3.74	0.00	0.00	MT	1.97
				TL	0.34
TOTAL	95.37	100.00	100.00	CR	0.00
				AM	0.00
				AP	0.05
				PC	0.00
				NS	0.00
				KS	0.00
				RI	0.00
				AG	0.00
				OL	0.00
				OPX	4.81
				CPX	0.00
				ABA	0.59

CLASSIFICATIONS AND INDICES

NA2O+K2O	3.94	SiO2	76.26	SubALKALINE		
Ca	5.85	Al2O3	14.37	SubALKALINE		
DPX	0.00	Ca	0.00	SubALKALINE		
A	45.51	Fe	42.15	SubALKALINE		
Al2O3	14.37	NORM PLAG	61.50	SubALKALINE		
AN	3.70	ABA	3.31	OR	93.99	K-RICH SERIES
OL	7.11	NORM PLAG	61.50	ANDESITE		
GENSEN	CALC-ALKALINE BASALT					
Al	77.68	IR	15.01	KG	7.31	
CDGR INDEX :	7.11					
AS-EMTU INDEX :	94.78					

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PO, SR, BR, Rb, Ba, G (P.P.B.)

Ba 4074.00:CU 742.00:FA 42.00:NI 20.00:RB 102.00:SK 61.00:Y 20.00:ZR 110.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:30:38

SAMPLE ID # VAA190

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-236
 TOWNSHIP :
 NTS : 082M05
 JTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELTR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297902.0 N : 5691864.0 EL : 2075.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, AS - LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SCLICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLESS, 5-20% PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : G. Y. MCG

DATE : 24-AUG-90
 DATE : 10-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NRMS	CLASSIFICATIONS AND INDICES						
SiO2	65.86	60.85	60.55	O	80.84	NA2O+K2O	0.72	SiO2	80.85	SUBALKALINE		
Al2O3	2.95	3.00	3.56	O	1.34	Or	6.20	Nb	0.07	RA	93.73	SUBALKALINE
Fe2O3	5.14	4.69	4.42	OR	4.50	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	3.11	2.89	AB	0.10	A	10.54	F	70.66	M	18.79	THOLEIITIC
CaO	0.62	0.63	0.60	AM	3.24	AL2O3	3.03	NaOx	PLAG	96.99	THOLEIITIC	
MgO	4.23	4.23	4.90	LD	0.00	AN	41.33	ADA	1.20	OR	57.39	←-RIG SERIES
Na2O	0.01	0.01	0.02	KE	0.00	Ca	9.92	NaOx	PLAG	96.99	BASALT	
K2O	0.69	0.71	0.90	CP	0.00	JENSEN - 16 - IRON THOLEIITIC BASALT						
TiO2	0.32	0.33	0.25	AC	0.00	AL	36.17	ER	44.49	MG	19.33	
P2O5	0.03	0.02	0.02	BC	0.00	COLOR INDEX : 9.93						
MnO	0.13	0.14	0.11	BE	0.00	-ASSEMBLY INDEX : 75.49						
S	0.00	0.00	0.00	EN	3.80							
NiO	0.00	0.00	0.00	FS	3.49							
CR2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
-20+	0.00	0.00	0.00	MO	0.00							
-20-	0.00	0.00	0.00	LA	0.00							
LiF	0.22	0.00	0.00	MT	2.13							
TOTAL	96.00	100.00	100.00	IL	0.50							
				OR	0.00							
				KK	0.00							
				AP	0.05							
				PD	0.00							
				KS	0.00							
				LS	0.00							
				R.	0.00							
				AG	0.00							
				OL	0.00							
				OPX	7.29							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) Au, Rb, Sr, Pd, Er, Yb, R, (0.10) G (P.P.B.)
 BA 175.00:CL 375.00:FN 1180.00:NI 20.00:FR 32.00:OR 36.00:Y 20.00:ZK 202.00:ZP 20.00:

COMMENTS : CHEMISTRY FILE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:33:24

SAMPLE NO # VA14291

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TD&NS-CP :
 NTS : 082M05
 LTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELTR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297907.0 N : 5691864.0 EL : 1175.0

PROJECT # 3146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : SEDIMENTARY, ARGILLITE, SAND, LOOK AT COMMENTS.
 FINAL NAME :
 ALTERATION : PERVAZIVE, SILICIFICATION, XOPGRADE.
 MINERALIZATION : DISSEMINATED AND BLENDS, -5% PYRITE.
 FORMATION :

SAMPLED BY : G. RUSSELL
 ANALYZED BY : GOMENCO

DATE : 24-AUG-90
 DATE : 28-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND RATIOS
STO2	62.93	62.93	62.76	O	NA2O+K2O 4.91 S102 65.89 SUBALKALINE
AL2O3	16.62	17.40	19.54	O	OLA 18.29 NKA 4.90 KA 76.60 SUBALKALINE
FE2O3	6.20	3.23	1.67	OK	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
FE0	0.00	3.92	3.12	AS	A 34.84 F 42.72 M 22.44 THOUGHTED
CaO	1.31	1.32	1.40	AM	AL2O3 17.40 NORM PLAG 59.67 CALC-ALKALINE
MgO	3.02	3.16	4.49	LC	AN 16.78 ANA 11.30 OR 71.96 K-RIC- SERIES
Na2O	0.44	0.46	0.15	NE	CA 16.30 NORM PLAG 59.67 BASALT
K2O	4.25	4.45	5.41	KP	JENSEN CALC-ALKALINE AMBESITE
TIO2	0.73	0.76	0.55	AC	AL 66.26 IR 18.52 MG 15.32
P2O5	0.10	0.10	0.00	DC	COLOR INDEX : 16.30
MnO	0.14	0.15	0.12	-E	BAR-UMOO INDEX : 80.60
S	0.00	0.00	0.00	BY	
NiO	0.00	0.00	0.00	IS	
CR2O3	0.00	0.00	0.00	ED	
CO2	0.00	0.00	0.00	FA	
-20+	0.00	0.00	0.00	SO	
-20-	0.00	0.00	0.00	LV	
LOI	3.22	0.00	0.00	MT	
TOTAL	95.51	100.00	100.00	IL	
				OR	
				-M	
				AP	
				PS	
				NS	
				KS	
				R	
				AG	
				OL	
				OPX	
				EPX	
				ABA	

TRADE ELEMENTS (P.P.A.) AL, AR, PT, PO, IR, OR, R, RL, G (P.P.A.)

BA 1552.00:EL 155.00:ZA 52.00:NI 29.00:NR 133.00:SR 105.00:Y 20.00:ZR 182.00:KB 20.00:

COMMENTS : FLESHY ZONE

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:32:10

SAMPLE ID # VAL4192

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NTS : 082N05
 LTY ZONE :
 SAMPLE TYPE : GRAB SAMPLE

SRID NUMBER : FLY90-4
 LOT : 0 CONCRESSION :
 GRID COORDINATES : E : 297907.0 N : 569864.0 EL : 1175.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : STRINGERS, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : JENNINGS

DATE : 24-AUG-90
 DATE : 18-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	72.00	74.20	69.42	R	39.12	NA20+K20	4.82	SiO2	74.30	SUBALKALINE		
Al2O3	12.94	12.94	14.24	O	4.94	Ca	8.03	Na	26.88	OX	64.36	SUBALKALINE
Fe2O3	4.66	4.80	4.27	OR	3.01	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.70	2.11	AB	39.12	A	40.65	T	36.42	M	22.98	T. CALTIC
CaO	0.46	0.47	0.47	AN	2.17	Al2O3	12.91	NORM PLAG	5.25			CALC-ALKALINE
MgO	2.64	2.72	3.79	LT	0.00	AN	4.90	ABA	86.30	OR	6.80	K-POOR SERIES
Na2O	4.19	4.31	7.82	NE	0.00	OL	12.56	NORM PLAG	5.25			RYOLITE
K2O	0.44	0.50	0.60	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.25	0.26	0.18	AC	0.00	AL	65.73	ER	16.77	MG	17.50	
P2O5	0.03	0.03	0.00	OT	0.00	COLOR INDEX : 12.58						
MnO	0.09	0.09	0.07	TE	0.00	ASTMNOTE INDEX : 40.23						
S	0.00	0.00	0.00	SN	7.58							
SO3	0.00	0.00	0.00	TS	2.73							
CR2O3	0.00	0.00	0.00	EP	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	MO	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
Li2O	1.95	0.00	0.00	MT	1.90							
TOTAL	97.14	100.00	100.00	IL	0.36							
				CR	0.00							
				FR	0.00							
				AP	0.07							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RO	0.00							
				AS	0.00							
				OL	0.00							
				OPX	10.31							
				CPX	0.00							
				ABA	39.12							

TRACE ELEMENTS (P.P.M.) AL, RA, PC, PO, CR, BS, SR, RB, R (P.P.B.)

BA 461.00:CL 192.00:ZV 1260.00:ML 20.00:RR 36.00:SR 114.00:Y 20.00:ZR 75.00:SR 20.00:

COMMENTS : STRINGERS CONTAIN 1% SP, 1-2% CPX, 1-2% PYROX WITH BICRYTIC

==== F A L C O N B R I D G E L Y D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:32:56

SAMPLE ID # VAC4193

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELTR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297907.0 N : 5692864.0 EL : 1175.0

PROJECT # 3346
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANOCLASTIC, PELITIC, AND QUARTZ PORPHYRIC.
 FINAL NAME :
 ALTERATION : PERVASIVE SILICIFICATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : GORING

DATE : 24-APR-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	72.44	73.76	68.46	6	SiO2 73.76 SUBALKALINE
Al2O3	14.20	14.46	15.92	6	Al2O3 14.46 NORM PLAG 5.35 CALC-ALKALINE
Fe2O3	3.33	1.79	11.24	OX	OX 6.94
FeO	0.00	1.45	1.12	AB	AB 47.64
CaO	0.55	0.56	0.56	AN	AN 2.58
MgO	1.13	1.17	1.62	LO	LO 0.00
Na2O	5.20	5.20	9.53	AB	AB 0.00
K2O	1.13	1.17	1.39	KP	KP 0.00
TiO2	0.23	0.23	0.28	AC	AC 0.00
P2O5	0.03	0.03	0.02	DI	DI 0.00
MnO	0.07	0.07	0.06	FE	FE 0.00
S	0.00	0.00	0.00	SN	SN 3.24
NiO	0.00	0.00	0.00	ES	ES 0.76
CR2O3	0.00	0.00	0.00	FO	FO 0.00
CO2	0.00	0.00	0.00	FA	FA 0.00
B2O3	0.00	0.00	0.00	BD	BD 0.00
ZnO	0.00	0.00	0.00	LN	LN 0.00
Li2O	1.90	0.00	0.00	YC	YC 1.87
TOTAL	98.21	100.00	100.00	CL	CL 0.36
				CR	CR 0.00
				K	K 0.00
				AP	AP 0.06
				PO	PO 0.00
				NS	NS 0.00
				KS	KS 0.00
				RS	RS 0.00
				AG	AG 0.00
				OL	OL 0.00
				OPX	OPX 4.00
				CPX	CPX 0.00
				AB*	AB* 47.64

CLASSIFICATIONS AND INDICES

NA2O (2) 6.47 SiO2 73.76 SUBALKALINE

GA 3.56 Na2O 33.90 GA 62.54 SUBALKALINE

OPX 0.00 CA 0.00 OPX 100.00 SUBALKALINE

A 60.50 T 28.55 K 10.96 CALC-ALKALINE

AL2O3 14.46 NORM PLAG 5.35 CALC-ALKALINE

AN 4.52 ARA 83.34 OR 12.14 AVERAGE SERIES

CL 6.22 NORM PLAG 5.35 R-YOLITE

SENSEN CALC-ALKALINE FACIE

AL 78.93 PR 12.98 FG 8.03

COLOR INDEX : 6.22

FACTORIAL INDEX : 28.57

TRACE ELEMENTS (P.P.B.) AL, RE, PT, PD, CR, NH, RI, SJ, G (P.P.B.)

BA	1228.00:LA	148.00:TA	51.00:NI	20.00:NR	42.00:SR	106.00:Y	20.00:ZK	87.00:NB	20.00:
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COMMENTS :

==== P A L C O M B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:03:48

SAMPLE ID # VAL4194

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 13
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : FLTR90-4
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297907.0 N : 569864.0 EL : 1175.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH-
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, K₂O, PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMENCO

DATE : 24-AUG-90
 DATE : 03-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	AGRES	CLASSIFICATIONS AND INDICES				
SiO2	49.47	46.78	44.11	0	5.84				
Al2O3	12.12	13.04	14.30	0	5.28				
Fe2O3	16.50	8.06	8.80	DK	8.05				
FeO	0.00	11.16	8.80	AB	10.92				
CaO	0.64	0.92	0.96	AM	15.05				
MgO	12.02	12.94	13.18	LD	0.00				
Na2O	1.11	1.19	2.18	NE	0.00				
K2O	0.78	0.84	1.0	KE	0.00				
TiO2	0.48	0.75	2.66	AO	0.00				
P2O5	0.66	0.7	0.52	DC	0.00				
MnO	0.29	0.31	0.25	-E	0.00				
S	0.00	0.00	0.00	EN	36.35				
NiO	0.00	0.00	0.00	FS	8.98				
Cr2O3	0.00	0.00	0.00	FO	0.00				
Co2	0.00	0.00	0.00	FA	0.00				
ZnO	0.00	0.00	0.00	WO	0.00				
H2O+	0.00	0.00	0.00	LN	0.00				
H2O-	0.00	0.00	0.00	MT	5.70				
LOI	5.11	0.00	0.00	TL	5.37				
TOTAL	92.92	100.00	100.00	CR	0.00				
				FR	0.00				
				AP	1.51				
				PO	0.00				
				NS	0.00				
				KS	0.00				
				RU	0.00				
				AG	0.00				
				OL	0.00				
				OPX	45.33				
				CPX	0.00				
				ABA	10.92				
GRADE ELEMENTS (P.P.H.) AL, RE, PR, PO, CR, FS, R, RU, G (P.P.H.)									
BA	246.00:BA	597.00:ZA	6510.00:XA	199.00:RB	43.00:SK	119.00:Y	20.00:ZK	229.00:KB	59.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:35:23

SAMPLE ID : UA1496

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-136
 TOWNSHIP :
 NTS : 0-12M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELTR90-8
 LOT : 0 COMPRESSION :
 GRID COORDINATES : E : 297397.0 N : 5693562.0 EL : 1198.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, OTHER, ASH, LOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLENDS, KFX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 26-AUG-90
 DATE : 10-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	WORMS	CLASSIFICATIONS AND INDICES
SiO2	62.02	64.37	60.68	31.19	NA2O+K2O 3.85 SiO2 64.37 SUBALKALINE
Al2O3	16.44	17.06	18.96	0 9.08	
Fe2O3	3.64	2.07	1.47	OR 20.03	Ca 27.25 Na 3.77 Ba 66.99 SUBALKALINE
FeO	0.00	3.60	2.83	AB 3.41	
CaO	2.51	2.60	2.68	AM 12.53	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.49	5.70	3.00	LC 0.00	A 25.67 F 36.35 K 57.06 FELSIC
MnO	0.36	0.37	0.60	NE 0.00	Al2O3 17.06 NaK PLAG 78.59 FELSIC
K2O	3.35	3.43	4.19	KP 0.00	AN 33.99 ANA 9.26 OR 56.75 K-RICH SERIES
TiO2	0.49	0.51	0.36	AC 0.00	Ca 22.66 NaK PLAG 78.39 BASALT
P2O5	0.09	0.09	0.07	BC 0.00	
XNO	0.15	0.16	0.12	BE 0.00	
S	0.00	0.00	0.00	BN 16.01	JENSEN CALC-ALKALINE BASALT
NaO	0.00	0.00	0.00	BS 3.73	AN 59.72 BK 15.07 KG 25.21
CR2O3	0.00	0.00	0.00	EG 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
-20+	0.00	0.00	0.00	WD 0.00	
-25-	0.00	0.00	0.00	IX 0.00	
LiO	3.23	0.00	0.00	YT 2.20	
TOTAL	96.35	100.00	100.00	IL 0.72	
				OR 0.00	COLOR INDEX : 32.66
				SA 0.00	FAKINDO INDEX : 75.49
				SA 0.00	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 19.74	
				CPX 0.00	
				AN 3.41	

TRACE ELEMENTS (P.P.M.) AL, RE, SC, ZN, SR, OS, R, BR, G (P.P.P.)

BA 486.00:CL 61.00:ZV 397.00:NT 20.00:RB 36.00:SK 40.00:Y 20.00:ZR 102.00:NR 30.00:

COMMENTS : FLOOY TUFF

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:36:00

SAMPLE NO # VAL4197

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-186
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : ELT390-R
 LOT : 0 CONGRESSION :
 GRID COORDINATES : E : 297397.0 N : 5692562.0 EL : 1198.0

PROJECT # 1046
 PROVINCE : DISTRICT COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANOCLASTIC, INTERMEDIATE, AS, QUARTZ PORPHYRYIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, 5-20% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMENCO

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.35	65.18	60.22	Si	NA2O (20) 3.35 SIO2 65.18 SUBALKALINE
Al2O3	13.53	16.26	17.70	Al	Ca* 28.18 Na* 12.21 K* 59.62 SUBALKALINE
Fe2O3	5.22	2.08	7.45	OR	CPX 0.00 Di 0.00 GPX 100.00 SUBALKALINE
FeO	0.00	3.03	2.34	AB	A 19.38 F 26.31 Y 52.36 CALC-ALKALINE
CaO	0.33	0.34	0.34	AN	AL2O3 16.26 NORM PLAG 7.59 CALC-ALKALINE
MgO	8.67	9.06	2.48	LS	AN 4.72 AR* 52.44 OR 37.84 K-RICH SERIES
Na2O	1.60	1.67	0.00	XB	Ca 30.54 NORM PLAG 7.59 HIGH ALUMINA ANDESITE
K2O	1.60	1.67	1.97	KP	SENSEN CALC-ALKALINE BASALT
SiO2	0.49	0.57	0.36	AC	AL 50.44 OR 12.30 H6 36.26
P2O5	0.07	0.07	0.05	DE	COEUR INDEX : 30.54
MnO	0.11	0.11	0.09	TE	PAR-EPOTO INDEX : 84.18
S	0.00	0.00	0.00	EM	
NbO	0.00	0.00	0.00	ES	
CR2O3	0.00	0.00	0.00	FO	
CO2	0.00	0.00	0.00	FA	
P2O5	0.00	0.00	0.00	FR	
-20-	0.00	0.00	0.00	LN	
LOI	4.63	0.00	0.00	MT	
TOTAL	93.66	100.00	100.00	SL	
				CR	
				EM	
				AP	
				PO	
				NS	
				KS	
				RJ	
				AG	
				JL	
				OPX	27.66
				CPX	0.00
				ARA	14.98

TRACE ELEMENTS (P.P.B.) Au, RE, Pb, Pd, Sr, Os, Rb, Ba, Th, U (P.P.B.)

Ba 265.00:CL 20.00:Zn 106.00:Ni 20.00:Rb 46.00:Cr 47.00:Y 20.00:Zr 97.00:Kb 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:36:45

SAMPLE ID # VAL4198

WHOLE ROCK GEOCHEMICAL ANALYSES

LAB REPORT # X90-136
 COASTSHIP :
 NTS : 012405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : FCTR90-3
 LOT : 0 CONGRESSION :

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 297397.0 N : 5691562.0 EL : 1198.0

FIELD NAME : VOLCANICLASTIC, FELSTC, AS-
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 20-50% PYRITE.
 FORMATION :

SAMPLED BY : G RUSSELL
 ANALYZED BY : COMENCO

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	65.44	65.46	64.66	R	36.85
Al2O3	13.43	16.14	17.97	G	8.77
Fe2O3	5.12	2.06	1.46	DR	16.28
FeO	0.00	2.96	2.34	AR	13.31
CaO	1.63	1.72	1.73	AN	8.23
MgO	3.68	3.89	5.42	LD	0.00
Na2O	1.09	1.45	3.66	NE	0.00
K2O	2.33	2.70	3.26	CP	0.00
TiO2	0.47	0.49	0.35	AC	0.00
P2O5	0.06	0.06	0.05	GI	0.00
MnO	0.11	0.12	0.09	FE	0.00
S	0.00	0.00	0.00	SN	10.84
NiO	0.00	0.00	0.00	EG	2.71
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WJ	0.00
-H2O-	0.00	0.00	0.00	LV	0.00
LOI	4.16	0.00	0.00	MT	2.20
TOTAL	95.89	100.00	100.00	IL	0.70
				CR	0.00
				EM	0.00
				AP	0.13
				PC	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	13.54
				CPX	0.00
				ABA	13.31

CLASSIFICATIONS AND INDICES

VARO+CR	4.15	SICR	66.46	SUBALKALINE		
GLA	15.94	NBA	12.54	RA	21.83	SUBALKALINE
CPX	0.00	CL	0.00	CPX	100.00	SUBALKALINE
A	32.39	F	37.59	M	30.02	THOLEIITIC
AL2O3	16.14	NORM PLAG	38.14	CALC-ALKALINE		
AN	21.72	ABA	35.23	OR	43.06	K-KUCH SERIES
CL	16.44	WORK PLAG	39.14	ANDRSITE		
OSYSEN	CALC-ALKALINE ANDESITE					
AL	65.02	FR	15.37	MG	19.61	

COLOR INDEX : 16.44
 FAS-EMOTO INDEX : 67.46

TRACE ELEMENTS (P.P.M.) AU, RB, ZN, PD, IR, OS, R, R2, -G (P.P.B.)

BA 543.00:BL 24.00:BN 100.00:BO 20.00:BR 74.00:BS 131.00:BY 20.00:ZK 91.00:ZR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:37:30

SAMPLE ID # VA14199

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-186
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : FLTR90-3
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297397.0

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 N : 5691562.0 EL : 1198.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS-
 FINAL NAME :
 ALTERATION : PERVASIVE SERICITIZATION, LEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, -SZ, PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : COMENCO

DATE : 26-AUG-90
 DATE : 18-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	59.26	62.92	58.27	K	28.46	KARS+K20	3.26	SiO2	62.92	SUBALKALINE		
Al2O3	15.79	16.79	13.29	G	13.31							
Fe2O3	6.72	2.11	3.47	OR	11.55	OrA	32.68	OrA	9.08	OrA	57.45	SUBALKALINE
FeO	0.00	4.52	3.50	AB	11.72							
CaO	0.26	0.28	0.27	AN	0.81	OPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
MgO	9.88	9.48	13.01	LC	0.00							
Na2O	1.23	1.91	2.84	KE	0.00	A	17.06	F	33.60	M	49.34	TRONIC
K2O	1.84	1.95	2.11	KT	0.00							
TiO2	0.49	0.52	0.36	AC	0.00	Al2O3	36.75	NORM PLAG	6.49			CALC-ALKALINE
ZnO	0.08	0.08	0.07	PT	0.00							
MnO	0.12	0.13	0.10	FE	0.00	AN	3.38	ABA	48.66	OR	47.96	K-RICH SERIES
S	0.00	0.00	0.00	SN	26.03							
NiO	0.00	0.00	0.00	ES	5.00	OL	33.96	NORM PLAG	6.49			ANDROTE
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
+20+	0.00	0.00	0.00	NO	0.00	DENSEN OR HARNESYIM TRONICZED BASALT						
+20-	0.00	0.00	0.00	LN	0.00	AL	49.78	EE	14.79	YG	35.42	
LJT	5.88	0.00	0.00	MT	2.21							
TOTAL	94.19	100.00	100.00	IL	0.72							
				CR	0.00	CHGR INDEX :	33.96					
				AM	0.00	PASCHOTO INDEX :	87.80					
				AP	0.18							
				PO	0.00							
				NS	0.00							
				CS	0.00							
				KU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	31.03							
				SPX	0.00							
				ABA	11.72							

TRACE ELEMENTS (P.P.B.) AU, RE, PT, ZN, CR, CO, R, BR, S, B (P.P.B.)

BA 301.00:EL 20.00:ZN 97.00:SI 20.00:BR 166.00:CR 45.00:Y 21.00:Zn 86.00:BR 30.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 18-DEC-90
 15:46:45

SAMPLE ID # VA14200

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : GET/COMINCO OPTION
 GRID COORDINATES : E : 297639.0 N : 5689682.0 EL : 715.0

FIELD NAME : VOLCANICLASTIC, FELSTC, LAPILLI, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 12-SEP-90
 DATE : 28-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.61	70.31	67.00	Q 44.45	NA2O+K2O 3.02 SiO2 70.31 SUBALKALINE
Al2O3	14.01	14.79	16.61	C 9.85	
Fe2O3	4.94	1.95	1.40	OR 18.24	OLA 20.54 MEA 0.19 GA 79.26 SUBALKALINE
FeO	0.00	2.93	2.34	AB 0.20	
CaO	1.49	1.52	1.61	AN 7.67	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.65	4.91	6.97	LC 0.00	
Na2O	0.02	0.02	0.04	NE 0.00	A 23.92 F 37.18 M 38.90 THOLEIITIC
K2O	2.84	3.00	3.65	KP 0.00	
TiO2	0.35	0.37	0.26	AC 0.00	AL2O3 14.79 NORM PLAG 97.52 THOLEIITIC
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.09	0.09	0.08	HE 0.00	AN 29.39 ABA 0.75 OR 69.86 K-RICH SERIES
S	0.00	0.00	0.00	EN 13.94	
NiO	0.00	0.00	0.00	FS 2.90	CR 19.47 NORM PLAG 97.52 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 60.05 FE 14.75 MG 25.20
LOI	5.16	0.00	0.00	NT 2.10	
TOTAL	94.74	100.00	100.00	IL 0.53	COLOR INDEX : 19.47 WASHINGTON INDEX : 83.22
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				GL 0.00	
				DPX 16.84	
				CPX 0.00	
				AR* 0.20	

TRACE ELEMENTS (P.P.M.) AU, RE, 2T, PD, CR, OS, RH, RU, 46 (P.P.B.)

BA 492.00:CU 29.00:ZM 79.00:NI 20.00:RE 96.00:SR 55.00:Y 20.00:ZR 84.00:NB 20.00:

COMMENTS : DISSEMINATED IRON CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 18-DEC-90
 15:47:29

SAMPLE ID # VA14201

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 295446.0 N : 5690819.0 EL : 1160.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC, MAFIC PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 14-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	67.99	69.49	63.47	Q	18.13	NA2O+K2O	8.72	SiO2	69.49	SUBALKALINE		
Al2O3	16.29	16.65	17.93	C	1.98	OLA	2.07	NEA	44.52	Q*	53.41	SUBALKALINE
Fe2O3	2.85	1.94	1.33	DR	12.40	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.87	0.67	AB	58.37	A	70.84	F	21.60	K	6.57	CALC-ALKALINE
CaO	0.99	1.01	0.99	AN	4.49	Al2O3	16.65	NORM	PLAG	7.14		CALC-ALKALINE
MgO	0.79	0.80	1.09	LC	0.00	AN	5.97	ANA	77.56	OR	16.48	AVERAGE SERIES
Na2O	6.45	6.59	11.67	ME	0.00	CI	4.49	NORM	PLAG	7.14		RHYOLITE
K2O	2.03	2.13	2.48	KP	0.00							
TiO2	0.40	0.41	0.28	AC	0.00	JENSEN		CALC-ALKALINE	RHYOLITE			
P2O5	0.07	0.07	0.06	DI	0.00	Al	84.06	FR	10.85	MG	5.09	
MnO	0.04	0.04	0.03	HE	0.00	COLOR INDEX :	4.49					
S	0.00	0.00	0.00	EM	2.17	HASHIMOTO INDEX :	27.77					
NiO	0.00	0.00	0.00	ES	0.00							
Cr2O3	0.00	0.00	0.00	EU	0.00							
Co2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	2.17	0.00	0.00	MT	1.25							
				IL	0.56							
TOTAL	97.84	100.00	100.00	CR	0.00							
				HM	0.50							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.17							
				CPX	0.00							
				AB*	58.37							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RH, RU, UG (P.P.B.)

BA 2266.00:CU 20.00:ZN 44.00:Ni 20.00:Rb 39.00:SR 100.00:Y 20.00:Zr 147.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT 02000

PAGE 1
 PRINTED 18-DEC-90
 15:48:11

SAMPLE ID # VA14202

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 295412.0 N : 5690793.0 EL : 1125.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC, MAFIC PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 14-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	65.86	67.82	61.43	Q 12.38	NA20+K20	8.64	SiO2	67.82	SUBALKALINE			
Al2O3	15.94	16.41	17.32	C 0.00	Or	3.04	NEA 46.98	Or	47.98	SUBALKALINE		
Fe2O3	3.81	2.00	1.42	OK 3.45	CPX	7.84	Or	0.00	OPX	92.16	SUBALKALINE	
FeO	0.00	1.66	1.26	AR 70.61	A	64.65	F	26.42	M	8.94	CALC-ALKALINE	
CaO	1.51	1.55	1.51	AN 6.78	AL2O3	16.41	NORM	PLAG	8.76	CALC-ALKALINE		
MgO	1.16	1.19	1.61	LC 0.00	AN	8.38	AR	87.34	OR	4.27	K-POOR SERIES	
Na2O	7.81	8.04	14.12	NE 0.00	Cl	6.66	NORM	PLAG	8.76	RYOLITE		
K2O	0.58	0.60	0.69	KP 0.00	JENSEN	AL	78.91	FE	13.83	MG	7.26	CALC-ALKALINE DACITE
TiO2	0.52	0.54	0.36	AC 0.00	COLOR INDEX :	6.66						
P2O5	0.06	0.06	0.03	DE 0.26	HASHINDIX INDEX :	15.73						
MnO	0.04	0.04	0.03	HE 0.03								
S	0.00	0.00	0.00	EM 3.09								
MeO	0.00	0.00	0.00	ES 0.41								
CR2O3	0.00	0.00	0.00	EO 0.00								
CO2	0.00	0.00	0.00	EA 0.00								
H2O+	0.00	0.00	0.00	WD 0.00								
H2O-	0.00	0.00	0.00	LN 0.00								
LOT	3.07	0.00	0.00	MT 2.13								
TOTAL	97.11	100.00	100.00	IL 0.73								
				CR 0.00								
				HM 0.00								
				AP 0.13								
				PD 0.00								
				NS 0.00								
				KS 0.00								
				RU 0.00								
				AG 0.00								
				OL 0.00								
				OPX 3.50								
				CPX 0.30								
				ABA 70.61								

TRACE ELEMENTS (P.P.M.) AU, RE, PI, PD, (R, OS, &H, RU), IIG (P.P.B.)

BA 818.00:CU 20.00:ZN 69.00:NI 20.00:RP 29.00:SR 204.00:Y 20.00:ZR 101.00:NB 20.00:

COMMENTS :

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 === EXPLORATION DIVISION ===

REPORT 42000

PAGE 1
 PRINTED 18-DEC-90
 15:48:54

SAMPLE ID # VA14203

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295952.0 N : 5690192.0 EL : 1060.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERSASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% , PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.63	69.82	67.70	Q	40.59	NA2O+K2O	2.31	SiO2	69.82	SUBALKALINE		
Al2O3	8.13	9.21	10.53	C	0.00	Q/A	0.00	Na*	11.25	Q*	68.75	SUBALKALINE
Fe2O3	5.77	2.82	2.06	OR	8.14	CPX100.00	0.00	OL	0.00	OPX	0.00	ALKALINE
FeO	0.00	3.34	2.71	AB	9.37	A	22.05	F	56.12	M	21.83	THOLEIITIC
CaO	7.74	8.77	9.11	AN	17.56	Al2O3	9.21	NORM PLAG	65.21			THOLEIITIC
MgO	2.02	2.29	3.31	LC	0.00	AN	50.08	ARA	26.72	OR	29.20	K-RICH SERIES
Na2O	0.88	1.00	1.87	NE	0.00	G1	21.78	NORM PLAG	65.21			BASALT
K2O	1.16	1.31	1.63	KP	0.00	JENSEN THOLEIITIC ANDESITE						
TiO2	0.99	1.12	0.82	AC	0.00	A)	53.94	FR	29.11	MG	16.95	
P2O5	0.10	0.20	0.17	D	13.23	COLOR INDEX : 21.78						
MnO	0.10	0.11	0.09	HE	3.83	HARRIMOTO INDEX : 26.95						
S	0.00	0.00	0.00	EM	0.00							
NiO	0.00	0.00	0.00	ES	0.00							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	2.11							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	11.19	0.00	0.00	MT	3.09							
TOTAL	88.22	100.00	100.00	IL	1.64							
				CR	0.00							
				HM	0.00							
				AP	0.45							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	0.00							
				CPX	17.06							
				AB*	9.37							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, Hf (P.P.B.)

BA 406.00:CU 20.00:Zn 110.00:NI 29.00:KR 38.00:SR 247.00:Y 20.00:ZR 106.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 18-DEC-90
 15:49:36

SAMPLE ID # VAI4204

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295893.0 N : 5690189.0 EL : 1030.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : E RUSSELL
 ANALYZED BY : COMINCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.89	67.42	69.17	Q	27.27	NA2O+K2O	5.04	SiO2	67.42	SUBALKALINE		
Al2O3	13.86	14.62	16.15	C	3.64	O/A	13.69	NEA	26.99	GA	59.33	SUBALKALINE
Fe2O3	6.69	2.22	1.56	OR	8.27	CPX	0.00	OI	0.00	NPX	100.00	SUBALKALINE
FeO	0.00	4.16	3.42	AB	33.35	A	34.51	F	49.46	M	22.02	THOLEIITIC
CaO	2.14	2.26	2.27	AN	10.50	Al2O3	14.62	NORM	PLAG	23.94	CALC-ALKALINE	
MgO	3.05	3.22	4.19	LC	0.00	AN	20.16	ABA	64.07	OR	15.77	AVERAGE SERIES
Na2O	3.48	3.67	6.67	NE	0.00	CI	16.77	NORM	PLAG	23.94	ANDESITE	
K2O	1.30	1.37	1.64	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.60	0.63	0.45	AC	0.00	Al	61.76	FE	21.06	MG	17.18	
P2O5	0.12	0.13	0.10	DI	0.00	COLOR INDEX : 16.77						
MnO	0.10	0.11	0.08	HE	0.00	HASHIKOTO INDEX : 43.63						
S	0.00	0.00	0.00	EN	8.99							
NiO	0.00	0.00	0.00	ES	4.54							
Cr2O3	0.00	0.00	0.00	EP	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.98	0.00	0.00	MT	2.34							
TOTAL	94.77	100.00	100.00	IL	0.89							
				DR	0.00							
				HK	0.00							
				AP	0.27							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				DPX	13.53							
				CPX	0.00							
				ABA	33.35							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, OS, RA, RU, HG (P.P.B.)

BA 706.00:CU 150.00:ZN 87.00:NI 20.00:NR 55.00:SR 94.00:Y 20.00:ZK 111.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 18-DEC-90
 15:50:18

SAMPLE ID * VA14205

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-135
 TOWNSHIP :
 MTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295480.0 N : 5690664.0 EL : 1125.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WE %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.91	59.90	53.85	B 0.48	NA2O+K2O 8.75 SiO2 59.98 ALKALINE
Al2O3	18.44	19.10	20.21	C 3.84	
Fe2O3	7.67	2.15	1.46	OR 2.79	OT 12.32 NEA 49.81 OA 37.87 ALKALINE
FeO	0.00	5.21	3.91	AB 71.93	
CaO	0.82	0.85	0.82	AN 3.56	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.09	3.20	4.28	LC 0.00	
Na2O	7.98	8.27	14.39	NE 0.00	A 45.82 F 37.42 M 16.76 THOLEIITIC
K2O	0.47	0.49	0.56	KP 0.00	
TiO2	0.58	0.60	0.41	AC 0.00	Al2O3 19.10 NORM PLAG 4.71 CALC-ALKALINE
P2O5	0.08	0.08	0.06	D 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 4.55 ANA 91.89 OR 3.57 SODIC
S	0.00	0.00	0.00	AN 8.56	
NiO	0.00	0.00	0.00	ES 5.67	CI 17.23 NORM PLAG 4.71 BENSCHNITZ
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 66.66 EK 19.22 MG 14.12
LOI	2.99	0.00	0.00	HT 2.18	
				IL 0.81	
TOTAL	96.35	100.00	100.00	CR 0.00	COLOR INDEX : 17.23
				HM 0.00	HASHIMOTO INDEX : 28.80
				AP 0.17	
				PO 0.00	
				NS 0.00	
				XS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.23	
				CPX 0.00	
				ANA 71.93	

TRACE ELEMENTS (P.P.M.) AU, RE, PI, PD, CR, DS, RH, RU, HG (P.P.B.)

BA 338.00:CL 20.00:ZM 102.00:NI 20.00:RH 36.00:SR 147.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS : DISS EE CARB

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:38:17

SAMPLE ID : VAL4206

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAR REPORT # X90-135
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295628.0 N : 5690526.0 EL : 1210.0

PROJECT # 2147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMINCO OPTION

FIELD NAME : SEDIMENTARY, ARSILLITE, CLAY, BEDDED.
 FINAL NAME :
 ALTERATION : PERVASIVE, GRAPHITIC OR FREE CARBON ZONES, MODERATE.
 MINERALIZATION : NiL INCL.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CDM 0000

DATE : 26-AUG-90
 DATE : 13-SEP-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS
SiO2	68.06	91.39	90.48	G	84.21
Al2O3	4.80	4.98	5.31	C	3.80
Fe2O3	1.44	1.49	1.51	OR	9.64
FeO	0.00	0.00	0.00	AB	0.10
CaO	0.07	0.07	0.08	AN	0.17
MgO	0.23	0.24	0.35	LC	0.00
MnO	0.01	0.01	0.02	NE	0.00
K2O	1.47	1.53	1.93	CP	0.00
Na2O	0.24	0.25	0.19	AC	0.00
P2O5	0.03	0.03	0.03	DC	0.00
MMO	0.01	0.01	0.01	CE	0.00
S	0.00	0.00	0.00	EN	0.70
NiO	0.00	0.00	0.00	ES	0.00
CR2O3	0.00	0.00	0.00	EQ	0.00
CO2	0.00	0.00	0.00	FA	0.00
-20-	0.00	0.00	0.00	WD	0.00
-20-	0.00	0.00	0.00	LN	0.00
LOI	3.03	0.00	0.00	XT	0.00
				TL	0.02
				CR	0.00
				-X	1.11
				AP	0.07
				PO	0.00
				NS	0.00
				KS	0.00
				RL	0.18
				AG	0.00
				JL	0.00
				OPX	0.70
				CPX	0.00
				ABA	0.10

CLASSIFICATIONS AND INDICES

NA2O+K2O	1.54	SiO2	91.39	SUBALKALINE		
QzA	0.62	NEA	0.07	QA	99.31	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	49.24	T	43.71	M	7.65	TROILITIC
Al2O3	4.98	NORM PLAG	62.70	TROILITIC		
AN	1.69	ARA	1.00	OR	97.31	K-RICH SERIES
OL	1.84	NORM PLAG	62.70	ANDESITE		
JENSEN TROILITIC RHYOLITE						
Al	77.79	FE	17.50	MG	4.71	
COLOR INDEX : 1.84						
FAG-EMPTO INDEX : 95.51						

TRACE ELEMENTS (P.P.M.) AL, RB, PC, PO, CR, OS, R, RO, S (P.P.M.)

BA 1115.00:CU 20.00:ZK 52.00:NI 30.00:NB 43.00:SR 32.00:Y 20.00:ZK 39.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:39:03

SAMPLE ID # VA14207

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-159
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/CONMCO OPTION
 GRID COORDINATES : E : 296725.0 N : 569020.0 EL : 890.0

FIELD NAME : VOLCANIC CLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : B McLAUG-LIN
 ANALYZED BY : DOMINGO

DATE : 15-SEP-90
 BATCH : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	AT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.87	71.45	69.53	G	42.52	Na2O+K2O	1.74	SiO2	71.45	SUBALKALINE		
Al2O3	31.9	6.36	7.30	C	0.00							
Fe2O3	2.95	2.17	1.59	CR	10.76	Ca	0.00	Na	0.15	GA	99.85	SUBALKALINE
FeO	0.00	1.11	0.90	AB	0.11							
CaO	12.56	14.90	15.12	AM	12.81	CPX100.00	OL	0.00	DPX	0.00	ALKALINE	
MgO	1.70	1.96	2.85	LC	0.00							
Na2O	0.0	0.01	0.02	NS	0.00	A	25.75	F	45.26	K	20.99	TROLEITIC
K2O	1.50	1.70	2.15	IP	0.00							
TiO2	0.38	0.44	0.32	AC	0.00	Al2O3	6.36	NORM PLAG	99.16		TROLEITIC	
P2O5	0.03	0.03	0.03	BE	11.39							
MnO	0.19	0.22	0.13	SE	0.00	AM	54.09	ARA	0.46	OR	45.45	K-RICH SERIES
S	0.00	0.00	0.00	SN	0.00							
NiO	0.00	0.00	0.00	EC	0.00	CL	14.30	NORM PLAG	99.16		BASALT	
Cr2O3	0.00	0.00	0.00	SO	0.00							
Co2	0.00	0.00	0.00	TA	0.00							
P2O+	0.00	0.00	0.00	UD	9.33							
P2O-	0.00	0.00	0.00	LV	0.00							
LOI	12.6	0.00	0.00	XT	2.29							
				YL	0.64							
TOTAL	86.54	100.00	100.00	CR	0.00							
				FM	0.06							
				AP	0.08							
				PO	0.00							
				MS	0.00							
				AS	0.00							
				RL	0.00							
				AG	0.00							
				OL	0.00							
				DPX	0.00							
				CPX	11.39							
				AB*	0.11							

CLASSIFICATION: CALD-ALKALINE BASALT
 AL 55.53 IK 22.80 MB 21.66

CHLR INDEX : 14.39
 AS-LPGSI INDEX : 20.29

TRACE ELEMENTS (P.P.B.) Au, RE, PT, Pb, CR, OS, Rf, RU, SG (P.P.B.)

BA 100.00:CL 100.00:XM 150.00:NA 20.00:RR 54.00:SR 200.00:Y 20.00:ZR 190.00:NR 20.00:

COMMENTS : SILICEOUS SANDS - POSSIBLE G-BERRY TUFF

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:39:49

SAMPLE ID # VAL4208

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153

BARID NUMBER :

PROJECT # 1147

TOWNSHIP :

LOT : 0 CONGRESSION :

PROVINCE : BRITISH COLUMBIA

NTS : 082#05

GRID COORDINATES : E :

296710.0 N : 5690284.0 EL : 925.0

USM ZONE : 01

SAMPLE TYPE : GRAB SAMPLE

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS. LOOK AT COMMENTS FILE.

FINAL NAME :

ALTERATION : PERVASIVE, DESILICIFICATION, WEAK.

MINERALIZATION : BEDDED, 1-SZ. PYRITE.

FORMATION :

SAMPLED BY : D McLAUGHLIN

DATE : 25-SEP-90

ANALYTICAL

ANALYZED BY : CORMACK

DATE : 25-SEP-90

TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS
SiO2	48.70	47.94	47.12	G	19.51
Al2O3	5.60	17.11	19.82	Q	19.63
Fe2O3	26.41	2.70	2.00	PR	0.41
FeO	0.00	23.71	19.49	AB	0.10
CaO	0.13	0.14	0.15	AN	0.22
MgO	6.49	7.12	10.43	LC	0.00
Na2O	0.01	0.01	0.02	ME	0.00
K2O	0.06	0.07	0.08	KP	0.00
TiO2	0.96	1.05	0.78	AC	0.00
P2O5	0.07	0.08	0.06	DE	0.00
MnO	0.07	0.08	0.06	FE	0.00
S	0.00	0.00	0.00	EM	20.85
NiO	0.00	0.00	0.00	ES	35.55
CR2O3	0.00	0.00	0.00	SO	0.00
CO2	0.00	0.00	0.00	FA	0.00
-Zn-	0.00	0.00	0.00	WD	0.00
-Zr-	0.00	0.00	0.00	LV	0.00
LOI	6.73	0.00	0.00	KT	2.99
TOTAL	91.16	100.00	100.00	IL	1.56
				CR	0.00
				PK	0.00
				AP	0.17
				PO	0.00
				NS	0.00
				KS	0.00
				RJ	0.00
				AG	0.00
				OL	0.00
				DPX	56.40
				CPX	0.00
				ABA	0.10

CLASSIFICATIONS AND INDICES

Na2O+K2O	0.08	SiO2	47.94	SUBALKALINE		
OLX	56.39	NaX	0.08	6X	43.53	SUBALKALINE
OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	0.23	F	78.61	M	21.96	TROLETTIC
AB30R	57.11	NORM PLAS	67.53	TROLETTIC		
AN	20.58	ABA	14.22	GR	56.20	K-RICH SERIES
DE	60.95	NORM PLAS	67.53	BASALT		
TENSER - 56% FROM TROLETTIC BASALT						
AL	57.70	FE	42.46	MG	19.83	
COLOR INDEX : 60.95						
CASHMERE INDEX : 97.91						

TRACE ELEMENTS (P.P.M.) AL, RE, PT, ZN, CR, DS, R, RI, G (P.P.B.)

BA 36.00:AL 164.00:ZN 399.00:AL 20.00:PT 20.00:SR 20.00:Y 20.00:ZK 137.00:MX 20.00:

COMMENTS : VARIABLY SILICEOUS, LOCAL ARSELENITE

==== PALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:40:35

SAMPLE ID = VAL4209

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 032405
 UTM ZONE : 25
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296604.0 N : 5690388.0 EL : 7005.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BGT/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSPIC, ASA.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : J McLAUGHLIN
 ANALYZED BY : C MATHCO

DATE : 15-SEP-90
 DATE : 23-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		WORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.46	64.65	60.97	R	31.17	KA20+K20	3.65	SiO2	64.65	SUBALKALINE		
Al2O3	14.92	15.93	17.73	C	10.91							
Fe2O3	8.77	2.09	1.48	OR	12.04	OLA	25.83	NEA	12.00	BA	67.36	SUBALKALINE
FeO	0.00	6.36	5.13	AB	15.05							
CaO	0.73	0.73	0.79	AN	3.52	CPX	0.00	OL	0.00	OPX	100.00	SLBALKALINE
MgO	5.29	5.66	7.95	LC	0.00							
Na2O	1.54	1.65	3.03	ND	0.00	A	20.55	E	47.56	M	32.89	THOLEIITIC
K2O	1.87	2.00	2.41	KP	0.00							
SiO2	0.45	0.48	0.34	AC	0.00	AL2O3	15.93	NORM	PLAG	14.93		CALC-ALKALINE
P2O5	0.06	0.06	0.05	DT	0.00							
X2O	0.11	0.12	0.09	FE	0.00	AN	11.40	AB*	49.18	OR	89.34	K-RICH SERIES
S	0.00	0.00	0.00	EN	15.90							
NiO	0.00	0.00	0.00	ES	8.38	Ca	27.18	NORM	PLAG	18.93		ANDESITE
CR2O3	0.00	0.00	0.00	SO	0.00							
CO2	0.00	0.00	0.00	TA	0.00							
+20+	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE	BASALT			
+20-	0.00	0.00	0.00	LN	0.00	Al	54.11	ER	21.63	NS	24.26	
LOI	5.44	0.00	0.00	MT	2.22							
TOTAL	93.32	100.00	100.00	IL	0.68							
				CR	0.00	COLOR INDEX :	27.18					
				LA	0.00	WAGNER INDEX :	75.93					
				AP	0.14							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RF	0.00							
				AS	0.00							
				JL	0.00							
				OPX	24.28							
				CPX	0.00							
				AB*	15.05							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PA, SR, OS, R, SJ, G (P.P.B.)

BA 565.00:CO 250.00:ZK 402.00:AL 20.00:KR 67.00:SK 77.00:Y 20.00:ZR 73.00:AR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T P =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:41:21

SAMPLE ID # VAL4210

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLER TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONVESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296016.0 M : 5690050.0 EL : 1020.0

FIELD NAME : VOLCANOCLASTIC, FELSPIC, ASP.
 FORMAL NAME :
 ALTERATION : PERVASIVE, OXIDATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, CL, PYRITE.
 FORMATION :

SAMPLED BY : B McLAUGHLIN
 ANALYZED BY : DOMINCA

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS
SiO2	61.26	64.54	60.52	Si	34.62
Al2O3	15.56	16.40	10.12	Al	24.23
Fe2O3	7.41	2.21	1.49	OR	11.73
FeO	0.00	5.13	4.02	AB	7.18
CaO	0.19	0.20	0.20	AN	0.52
MgO	7.72	8.14	11.87	LS	0.00
Na2O	0.75	0.79	1.14	NA	0.00
K2O	1.36	1.96	2.05	KP	0.00
CO2	0.50	0.53	0.37	AC	0.00
P2O5	0.07	0.07	0.06	DT	0.00
MnO	0.06	0.08	0.07	FE	0.00
S	0.00	0.00	0.00	SN	22.73
NiO	0.00	0.00	0.00	ES	5.95
Cr2O3	0.00	0.00	0.00	EO	0.00
CO2	0.00	0.00	0.00	EA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	4.09	0.00	0.00	MT	2.23
				IL	0.74
TOTAL	94.86	100.00	100.00	CR	0.00
				FM	0.00
				AP	0.16
				PE	0.00
				NS	0.00
				KS	0.00
				RS	0.00
				AG	0.00
				SL	0.00
				OPX	20.63
				CPX	0.00
				AB*	7.18

CLASSIFICATIONS AND INDICES

NAO+C	2.75	SiO2	64.56	SUBALKALINE		
OA	30.52	NA*	6.11	OA	63.37	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	15.36	T	39.23	M	49.42	THOIRACIC
AL2O3	16.40	NORM PLAG	6.71	CALC-ALKALINE		
AN	2.66	AN*	36.96	OR	60.38	K-RICH SERIES
OL	31.66	NORM PLAG	6.71	ANDESITE		

THOMSEN CALC-ALKALINE BASALT
 AN 51.14 AN* 36.78 MG 32.03

COLOR INDEX : 31.66
 MAGNETIC INDEX : 91.06

TRACE ELEMENTS (P.P.M.) AL, RE, PC, PD, FR, OS, RI, RL, R (P.P.B.)

BA 627.00:CL 43.00:ZN 172.00:AL 20.00:RB 61.00:SK 37.00:Y 20.00:ZK 77.00:VB 20.00:

COMMENTS : POSSIBLE ALTERED CAPILL, INTERMEDIATE TUFF

==== E A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:42:06

SAMPLE ID # VAL4211

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-159
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295993.0 N : 5690078.0 EL : 1050.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : NIL, NIL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATDN %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.65	63.20	58.53	Q	74.61	ANORR20	7.44	SiO2	63.20	SUBALKALINE		
Al2O3	16.90	18.23	19.89	Q	3.20							
Fe2O3	7.40	2.30	3.46	OR	19.37	OLA	32.18	ANR	36.70	GA	52.13	SUBALKALINE
FeO	0.00	3.95	2.59	AR	37.34							
CaO	2.59	2.79	2.77	AN	13.35	CPX	0.00	DI	0.00	OPX	100.00	SUBALKALINE
MgO	1.99	2.15	2.96	LC	0.00							
Na2O	3.86	4.16	7.47	NR	0.00	A	50.79	F	35.34	M	24.47	FOLETTIC
K2O	3.04	3.23	3.37	KP	0.00							
SiO2	0.45	0.49	0.34	AC	0.00	AL2O3	16.20	NORM PLAG	26.34			CALC-ALKALINE
P2O5	0.07	0.08	0.06	DI	0.00							
MnO	0.08	0.09	0.07	HE	0.00	AR	19.06	ANR	53.29	OR	27.65	K-RICH SERIES
S	0.00	0.00	0.00	EN	5.92							
NiO	0.00	0.00	0.00	ES	3.18							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE	DACITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	72.62	EN	16.34	MG	10.64	
LOI	6.66	0.00	0.00	NS	2.20							
TOTAL	92.68	100.00	100.00	IL	0.68							

COLOR INDEX : 11.97
 MAG. INDEX : 43.82

TRACE ELEMENTS (P.P.M.) AU, RE, Zr, PU, CR, OS, Rb, Sr, B (P.P.B.)

BA 1066.00:CU 20.00:ZN 50.00:PC 20.00:NR 90.00:OR 100.00:Y 20.00:ZR 97.00:NR 20.00:

COMMENTS : X-RAY FLUORESCENCE

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:42:52

SAMPLE ID # VA14212

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-103
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FALCO NUMBER :
 LOT : 0 CONDESSION :
 GRID COORDINATES : E : 295000.0 N : 5690048.0 EL : 1050.0
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMENCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, C-LORITIZATION, LEAK.
 MINERALIZATION : STRINGERS, KIZ, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.08	67.20	63.20	G	26.41	NA2O+K2O	6.71	SiO2	67.20	SUBALKALINE		
Al2O3	16.07	16.86	18.68	C	5.25	DiA	8.01	NSA	26.75	SA	64.44	SUBALKALINE
Fe2O3	5.63	2.01	7.43	OR	22.55	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.00	2.75	AB	26.96	A	50.57	T	40.08	M	9.40	TRAGYACTIC
CaO	0.25	1.84	1.85	AN	8.83	AL2O3	16.86	NORM PLAS	24.67			HALO-ALKALINE
MgO	1.19	1.28	1.75	LD	0.00	AN	15.18	ARA	46.22	DR	38.65	X-RECH SERIES
Na2O	2.62	2.96	5.39	WE	0.00	OL	9.87	NORM PLAS	24.67			DACITE
K2O	3.58	3.76	4.51	CP	0.00	JENSEN	TABLETTED 8-YOLITE					
TiO2	0.42	0.44	0.31	AI	0.00	Al	74.74	FE	18.26	MG	7.00	
P2O5	0.06	0.06	0.05	BT	0.00	COLOW INDEX :	9.87					
MnO	0.09	0.09	0.08	FE	0.00	BASE METAL INDEX :	51.07					
S	0.00	0.00	0.00	SN	3.50							
V2O5	0.00	0.00	0.00	FR	3.61							
CR2O3	0.00	0.00	0.00	ZO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O4	0.00	0.00	0.00	WO	0.00							
B2O3	0.00	0.00	0.00	LN	0.00							
Li2O	4.29	0.00	0.00	MT	2.14							
TOTAL	98.02	100.00	100.00	TJ	0.62							
				CR	0.00							
				HM	0.00							
				AF	0.13							
				PQ	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	7.11							
				CPX	0.00							
				ABA	26.96							

TRACE ELEMENTS (P.P.M.) AU, RE, PC, PD, PR, NS, R, RJ, G (P.P.B.)

BA 2497.00:CL 20.00:ZA 83.00:NA 20.00:RN 106.00:SR 114.00:Y 20.00:ZX 80.00:NR 20.00:

COMMENTS : CHALCITE WITH PYRITE OCCURRING ALONG FRACTURES, U-10 BESS FE CORR

==== F A I R B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:43:38

SAMPLE ID : VAL4213

WHOLE ROCK REDCHEMICAL ANALYSIS

LAB REPORT # X90-159
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

SUNNO NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 205951.0 N : 5689983.0 EL : 1000.0

PROJECT # 2247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, WEAK.
 MINERALIZATION : NPL, NTL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CHARNCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRIC WT %	NORMALIZED ANHYDRIC CATION %	WORMS	CLASSIFICATIONS AND INDICES
SiO2	62.94	67.00	61.82	R	54.00+32.0 7.77 SiO2 67.00 SUBALKALINE
Al2O3	14.48	15.33	16.73	O	
Fe2O3	4.32	3.98	3.87	DR	0.73 Na 44.41 Na 53.86 SUBALKALINE
FeO	0.00	2.36	1.82	AB	49.70
CaO	3.64	3.85	3.83	AN	10.45
MgO	1.02	1.04	1.49	LS	0.00
Na2O	5.22	5.56	9.94	AZ	0.00
K2O	2.03	2.21	2.61	KP	0.00
TiO2	0.06	0.33	0.27	AC	0.00
P2O5	0.06	0.06	0.05	BE	4.07
MnO	0.00	0.10	0.07	HE	2.56
S	0.00	0.00	0.00	EN	0.95
NiO	0.00	0.00	0.00	ES	0.60
CR2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	EA	0.00
-20+	0.00	0.00	0.00	WO	0.00
-20-	0.00	0.00	0.00	LV	0.00
LOI	3.46	0.00	0.00	MT	2.06
TOTAL	93.93	100.00	100.00	IL	0.52
				OR	0.00
				FM	0.00
				AP	0.13
				PO	0.00
				NS	0.00
				KS	0.00
				RI	0.00
				AG	0.00
				IL	0.00
				CPX	1.55
				CPX	6.63
				ABA	49.70

CLASSIFICATIONS AND INDICES

NaO+K2O 7.77 SiO2 67.00 SUBALKALINE

Na 1.73 Na 44.41 Na 53.86 SUBALKALINE

CPX 61.05 OL 0.00 GPX 10.95 ALKALINE

A 59.80 F 21.84 X 0.36 TRIGONITIC

AL2O3 15.33 NORM PLAG 17.37 CALC-AL (ALKALINE

AN 14.26 ABA 62.90 OR 17.62 AVERAGE SERIES

OL 10.77 NORM PLAG 17.37 DACITE

WENSEN CALC-ALKALINE DACITE

AL 76.89 ER 16.24 XG 6.86

COLOR INDEX : 10.77

ACTIVITY INDEX : 25.92

TRACE ELEMENTS (P.P.M.) AS, RE, PB, CR, BR, R, R, R, R (P.P.P.)

BA 1309.00:PL 20.00:ZN 30.00:NI 20.00:RB 60.00:SR 242.00:Y 20.00:ZK 84.00:NB 20.00:

COMMENTS : NX LOSS FE CORR

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:44:24

SAMPLE ID # VA14214

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 17
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : B33/COMENCO OPTION
 GRID COORDINATES : E : 296062.0 N : 5689795.0 EL : 975.0

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPPLI, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE CARBONATIZATION, MODERATE,
 MINERALIZATION : DISSEMINATED AND BLEBS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 15-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS OXIDE %		WGT%	CLASSIFICATIONS AND INDICES						
SiO2	63.96	67.54	62.60	Q	18.75	NA2O+K2O	7.67	SiO2	67.54	SUBALKALINE		
Al2O3	15.29	16.14	17.62	Q	0.00							
Fe2O3	4.09	2.00	1.39	OR	16.82	Ca	3.92	Na	39.71	Ca	56.38	SUBALKALINE
FeO	0.00	2.09	1.62	AB	43.38							
CaO	2.95	3.12	2.10	AN	13.99	OPX	20.04	Di	0.00	OPX	79.96	SUBALKALINE
MgO	0.24	0.89	1.23	DO	0.00							
Na2O	4.57	4.83	0.68	AN	0.00	A	62.63	F	31.24	M	7.13	THOLEIITIC
K2O	2.69	2.84	3.36	AP	0.00							
SiO2	0.39	0.41	0.29	AC	0.00	AL2O3	16.14	NORM PLAG	24.39			CALC-ALKALINE
P2O5	0.06	0.06	0.05	BT	0.55							
Y2O3	0.07	0.07	0.06	BE	0.31	AM	18.36	AN	58.47	OR	22.67	AVERAGE SERIES
S	0.00	0.00	0.00	BN	2.18							
Na2O	0.00	0.00	0.00	BO	1.24	Ca	6.93	NORM PLAG	24.39			BACTE
CR2O3	0.00	0.00	0.00	BP	0.00							
CO2	0.00	0.00	0.00	BA	0.00							
-20+	0.00	0.00	0.00	BD	0.00	JENSEN		CALC-ALKALINE	BACTE			
-20-	0.00	0.00	0.00	BE	0.00	Al	79.37	FR	15.12	MG	5.52	
LOI	4.16	0.00	0.00	BF	2.09							
				BI	0.57							
TOTAL	94.64	100.00	100.00	BR	0.00	COLOR INDEX :	6.93					
				BS	0.00	ASSEMBLY INDEX :	32.95					
				BT	0.13							
				BU	0.00							
				BV	0.00							
				BW	0.00							
				BX	0.00							
				BY	0.00							
				BZ	0.00							
				CA	0.00							
				CB	0.00							
				CC	0.00							
				CD	0.00							
				CE	0.00							
				CF	0.00							
				CG	0.00							
				CH	0.00							
				CI	0.00							
				CJ	0.00							
				CK	0.00							
				CL	0.00							
				CM	0.00							
				CN	0.00							
				CO	0.00							
				CP	0.00							
				CQ	0.00							
				CR	0.00							
				CS	0.00							
				CT	0.00							
				CU	0.00							
				CV	0.00							
				CW	0.00							
				CX	0.00							
				CY	0.00							
				CZ	0.00							
				DA	0.00							
				DB	0.00							
				DC	0.00							
				DD	0.00							
				DE	0.00							
				DF	0.00							
				DG	0.00							
				DH	0.00							
				DI	0.00							
				DJ	0.00							
				DK	0.00							
				DL	0.00							
				DM	0.00							
				DN	0.00							
				DO	0.00							
				DP	0.00							
				DP	0.86							
				AB	43.38							

TRACE ELEMENTS (P.P.B.) AL, RE, ZN, PO, CR, OS, R, S, G (P.P.B.)

BA 1698.00:100 20.00:26 21.00:30 20.00:35 62.00:58 209.00:Y 20.00:ZX 00.00:18 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:45:10

SAMPLE NO # VA14215

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-130
 TOWNSHIP :
 NTS : 082405
 UTM ZONE :
 SAMPLE TYPE : GRAB SAMPLE

BARID NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296090.0 N : 5699812.0 EL : 900.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : R McLAUGHLIN
 ANALYZED BY : COMINDO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.96	66.55	61.60	Si	20.22	AN20+K20	8.07	SiO2	66.55	SUBALKALINE		
Al2O3	17.84	18.25	19.94	Al	4.86							
Fe2O3	4.44	2.04	1.42	OR	21.00	OLA	4.01	NRA	37.93	GA	58.06	SUBALKALINE
FeO	0.00	2.32	1.30	AB	40.67							
CaO	1.42	1.48	1.47	AN	6.86	OPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
MgO	0.63	0.66	0.91	TC	0.00							
Na2O	4.35	4.53	8.13	NE	0.00	A	62.66	F	32.26	M	5.09	TRONITIC
K2O	0.41	0.35	4.20	KP	0.00							
TiO2	0.46	0.41	0.33	AC	0.00	AL2O3	18.25	NORM	PLAG	14.43		DALC-ALKALINE
P2O5	0.07	0.07	0.06	DT	0.00							
MnO	0.07	0.07	0.06	SE	0.00	AN	10.01	ARA	59.34	OR	30.65	K-MIC-SERIES
S	0.00	0.00	0.00	ZN	1.81							
NiO	0.00	0.00	0.00	FS	1.62							
CR2O3	0.00	0.00	0.00	SD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	JO	0.00	JENSEN	2.00	UNSATURATED	R-YOLITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	61.52	FR	14.77	M6	3.70	
LOI	3.23	0.00	0.00	ME	2.13							
				IL	0.67							
TOTAL	96.10	100.00	100.00	CR	0.00	COLOR INDEX :	6.24					
				-X	0.00	ASPHENITE INDEX :	41.13					
				AP	0.15							
				PG	0.00							
				NS	0.00							
				XS	0.00							
				RE	0.00							
				AG	0.00							
				CL	0.00							
				DPX	3.44							
				CPX	0.00							
				ABA	40.67							

TRACE ELEMENTS (P.P.B.) AU, RB, Y, Zr, Nb, Ta, Rb, Cs, Sr, Ba (P.P.B.)

BA 20.00:Zr 20.00:Y 50.00:Zr 20.00:Rb 50.00:Cs 20.00:Ba 102.00:Ba 20.00:

COMMENTS : CROSS HEAVY G. CORP
 30.54-ET. NO. 02159

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:45:55

SAMPLE ID # VAL4216

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-158
 TOWNSHIP :
 NTS : 082M05
 QTM ZONE : 13
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 396060.0 N : 5689633.0 EL : 075.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTCON

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, QUARTZ PORPHYRYITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDED, CLX, PYRITE,
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMENICO

DATE : 18-SEP-90
 DATE : 20-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	OXIDATION %								
SiO2	60.38	62.56	58.04	0	16.62	NA2OK2O	7.98	SiO2	62.56	SUBALKALINE		
Al2O3	9.18	9.37	21.72	0	9.09							
Fe2O3	7.21	2.06	1.44	0	23.39	Ca	11.77	Na*	34.68	GA	50.55	SUBALKALINE
FeO	0.00	4.87	3.78	0	36.25	CPX	0.00	DI	0.00	OPX	100.00	SUBALKALINE
CaO	0.44	0.46	0.45	0	1.79							
MgO	1.52	1.37	2.18	0	0.00	A	49.08	F	41.30	K	9.68	TROBENTIC
Na2O	3.89	4.05	7.25	0	0.00	AL2O3	19.87	Na*	PLAG	4.71		CALC-ALKALINE
K2O	3.81	3.95	4.63	0	0.00	AN	2.91	Na*	59.01	PK	38.07	(-R)-SERIES
TiO2	0.49	0.51	0.35	0	0.00							
P2O5	0.07	0.07	0.06	0	0.00	DI	12.71	Na*	PLAG	4.71		RYOLITE
MnO	0.05	0.05	0.04	0	0.00							
S	0.00	0.00	0.00	0	4.36							
NiO	0.00	0.00	0.00	0	5.49							
CR2O3	0.00	0.00	0.00	0	0.00							
CO2	0.00	0.00	0.00	0	0.00							
H2O+	0.00	0.00	0.00	0	0.00							
H2O-	0.00	0.00	0.00	0	0.00							
LOI	2.92	0.00	0.00	0	21.06							
TOTAL	96.32	100.00	100.00									

CLASSIFICATION: TROBENTIC R-YOLITE
 AN 70.62 DI 19.01 KG 7.38
 COLOR INDEX : 12.71
 AG INDEX : 55.18

TRACE ELEMENTS (P.P.B.) AS, RE, PC, PU, CR, NI, R, RL, G (P.P.B.)

BA	2240.00:CU	32.00:ZN	60.00:NI	20.00:RR	104.00:SR	66.00:Y	20.00:ZR	97.00:MX	20.00:
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COMMENTS :

==== F A L C O N B R I D G E L T B =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
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SAMPLE ID # VAL4218

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-150
 TOWNSHIP :
 NTS : 002N05
 UNM ZONE : 33
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 COMMISSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 296185.0 N : 5689799.0 EL : 850.0

FIELD NAME : VOLCANICLASTIC, FELSIC, AS+, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, STRONG.
 MINERALIZATION : NiL, CuL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : GUMINCH

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	ANHYDRUS WT %	ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	65.39	67.89	62.05	Si	19.00	NA2O+K2O	8.52	SiO2	67.89	SUBALKALINE		
Al2O3	17.66	18.20	19.75	Al	3.91							
Fe2O3	8.16	2.03	1.41	OR	20.06	Ca	2.13	Na2O	41.17	Ca	56.73	SUBALKALINE
FeO	0.00	1.10	0.85	AB	45.62	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
CaO	1.41	1.45	1.43	AN	6.77							
MgO	0.66	0.63	0.93	LC	0.00	A	70.24	F	24.15	M	5.62	CALC-ALKALINE
Na2O	4.96	5.11	9.12	NR	0.00	AL2O3	18.20	NORM	PLAG	12.91		CALC-ALKALINE
K2O	3.31	3.41	4.0	KP	0.00	AN	9.34	AN*	62.98	OR	27.69	K-RICH GRANITE
TiO2	0.47	0.45	0.34	AC	0.00	Ca	4.53	NORM	PLAG	12.91		R-YOLITE
P2O5	0.06	0.06	0.05	DE	0.00							
MnO	0.07	0.07	0.06	BE	0.00							
S	0.00	0.00	0.00	BA	1.87							
NiO	0.00	0.00	0.00	IS	0.00							
Cr2O3	0.00	0.00	0.00	ZO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00							
P2O5	0.00	0.00	0.00	LV	0.00							
LOI	2.72	0.00	0.00	MC	1.71							
TOTAL	97.08	100.00	100.00	IL	0.67							
				OR	0.00							
				-M	0.27							
				AP	0.13							
				PC	0.00							
				AS	0.00							
				IS	0.00							
				RJ	0.00							
				AS	0.00							
				OL	0.00							
				OPX	1.87							
				CPX	0.00							
				AN*	45.62							

COLOR INDEX : 4.51
 MAGNETIC INDEX : 38.39

TRACE ELEMENTS (P.P.M.) AS, RB, Sr, PD, CR, OS, R, RE, G (P.P.P.)

BA 1:66.00:CO 20.00:CN 20.00:FO 20.00:KB 52.00:OR 113.00:PY 20.00:ZR 100.00:NA 20.00:

COMMENTS : PE OXIDE ALONG FOLIATION

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REPORT #2000

PAGE 1
 PRINTED 25-DEC-90
 08:48:13

SAMPLE ID = VA14219

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 030M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONGRESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296709.0 N : 5689827.0 EL : 860.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.04	67.90	63.70	R 27.43	NA2O+K2O 6.75 SiO2 67.90 SUBALKALINE
Al2O3	16.67	17.40	19.24	C 5.41	
Fe2O3	4.72	3.01	3.42	OR 20.89	Al 5.39 Na 20.90 Ca 65.69 SUBALKALINE
FeO	0.00	2.61	2.01	AB 29.71	
CaO	1.85	1.93	1.94	AN 9.29	OPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.74	0.77	1.01	LT 0.00	A 56.52 T 07.02 M 6.46 THOLEIITIC
Na2O	2.13	2.27	5.94	NE 0.00	AL2O3 17.40 NORM PLAG 23.82 CALC-ALKALINE
K2O	3.34	3.49	4.13	KT 0.00	AN 15.51 ARA 49.61 OR 54.88 K-RICH SERIES
TiO2	0.45	0.45	0.32	AC 0.00	CL 7.13 NORM PLAG 23.82 BACITE
P2O5	0.06	0.06	0.00	DE 0.00	JENSEN THOLEIITIC RHYOLITE
MnO	0.10	0.10	0.00	FE 0.00	Al 79.54 Fe 16.00 Mg 4.46
S	0.00	0.00	0.00	EM 2.16	COLOR INDEX : 7.13
NiO	0.00	0.00	0.00	ES 2.21	WASHINGTON INDEX : 45.03
Cr2O3	0.00	0.00	0.00	ZO 0.00	
CoO	0.00	0.00	0.00	TA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LX 0.00	
LOI	3.64	0.00	0.00	MT 2.13	
TOTAL	95.79	100.00	100.00	IL 0.63	
				CR 0.00	
				FM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RL 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.37	
				CPX 0.00	
				ABA 29.71	

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, CR, OS, R, R, R, R (P.P.B.)

BA 1505.00:CL 20.00:ZN 41.00:NI 20.00:RH 24.00:SR 100.00:Y 20.00:ZR 85.00:NB 20.00:

CO*CO*CS :

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REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:48:59

SAMPLE ID # VAL4220

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 STS : 032N05
 CTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296213.0 N : 5689791.0 EL : 850.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMMENCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, AS : QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, BLEACHING, STRONG.
 MINERALIZATION : NIL, NIL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONNOR

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	AT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS
SiO2	62.48	66.83	63.49	R	28.25
Al2O3	15.15	16.17	18.44	C	3.05
Fe2O3	6.21	2.05	3.47	OR	20.31
FeO	0.00	1.20	3.36	AB	21.32
CaO	3.29	3.58	3.64	AN	17.76
MgO	0.36	0.61	0.86	CL	0.00
Na2O	2.13	2.32	4.26	NE	0.00
K2O	3.03	0.33	4.02	KP	0.00
TiO2	0.39	0.42	0.30	AC	0.00
P2O5	0.06	0.07	0.03	DE	0.00
MnO	0.11	0.12	0.10	EE	0.00
S	0.00	0.00	0.00	EN	1.72
VO	0.00	0.00	0.00	ES	4.83
CR2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
F2O+	0.00	0.00	0.00	GO	0.00
F2O-	0.00	0.00	0.00	LA	0.00
LOI	3.96	0.00	0.00	MT	2.20
				TL	0.61
TOTAL	92.00	100.00	100.00	CR	0.00
				-M	0.00
				AP	0.14
				PI	0.00
				NS	0.00
				KS	0.00
				RS	0.00
				AG	0.00
				DL	0.00
				OPX	6.56
				CPX	0.00
				ARA	21.32

CLASSIFICATIONS AND INDICES

Na2O+K2O	5.68	SiO2	66.83	SUBALKALINE		
Or	8.76	NRA	22.80	Ga	68.44	SUBALKALINE
OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	45.73	F	49.33	M	4.94	TROLETTIC
Al2O3	16.47	NORM	PLAG	45.45	CALC-ALKALINE	
AN	30.01	ARA	36.02	OR	33.90	K-RICH SERIES
DI	9.37	NORM	PLAG	45.45	ANDRISITE	
JENSEN	TROLETTIC	R-YOLITE				
Al	75.18	FE	21.30	MG	3.51	
COLOR INDEX :	9.37					
PLAGIOPHOTO INDEX :	39.98					

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PB, CR, OS, Rb, Rb, Cs (P.P.B.)

BA 1221.00:CL 20.00:ZN 45.00:NI 20.00:RB 93.00:OR 128.00:Y 20.00:ZR 102.00:NB 20.00:

COMMENTS : MINOR FE OXIDES

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REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:49:43

SAMPLE ID # VAL4222

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 20
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296240.0 N : 5689782.0 EL : 850.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, QUARTZ PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : 880040, ~5% PYRITE.
 FORMATION :

SAMPLED BY : D McLAGG-LIN
 ANALYZED BY : COMINCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	WORKS	CLASSIFICATIONS AND INDICES
SiO2	66.34	66.20	62.16	W	22.60
Al2O3	15.36	16.01	19.05	C	0.04
Fe2O3	5.14	2.02	3.49	OR	15.60
FeO	0.00	3.10	2.43	AR	29.57
CaO	4.29	4.55	4.57	AN	22.44
MgO	1.24	1.32	1.84	LT	0.00
Na2O	3.06	3.25	5.01	WT	0.00
K2O	2.45	2.60	3.12	KP	0.00
TiO2	0.40	0.42	0.30	AC	0.00
P2O5	0.06	0.06	0.05	DT	0.00
MnO	0.16	0.17	0.14	E	0.00
S	0.00	0.00	0.00	EN	3.69
NiO	0.00	0.00	0.00	FC	3.11
Cr2O3	0.00	0.00	0.00	EO	0.00
CoO	0.00	0.00	0.00	EA	0.00
H2O+	0.00	0.00	0.00	WJ	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	3.21	0.00	0.00	ME	2.14
				EL	0.60
TOTAL	94.17	100.00	100.00	CR	0.00
				FM	0.00
				AP	0.14
				PO	0.00
				NS	0.00
				KS	0.00
				RL	0.00
				AG	0.00
				OL	0.00
				OPX	6.79
				CPX	0.00
				ABA	39.57

WAZOR20 5.85 SiO2 66.20 SUBALKALINE
 OJA 8.63 WEA 30.05 GA 60.32 SUBALKALINE
 CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
 A 48.44 F 40.66 M 10.90 TROBATIC
 AL2O3 16.31 NORM PLAG 43.14 CALC-ALKALINE
 AN 33.19 ABA 49.74 OR 23.07 AVERAGE SERIES
 CL 9.53 NORM PLAG 43.14 ANDRESITE
 JENSEN TROBATIC R-YOLITE
 AL 24.64 EC 17.74 MO 7.62
 COLOR INDEX : 9.53
 MAGNETIC INDEX : 33.45

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, IR, OS, BR, RI, AG (P.P.B.)

BA 120.00:CL 20.00:CA 49.00:NI 20.00:KR 80.00:SK 177.00:Y 20.00:XR 112.00:WR 20.00:

COMMENTS : METRE INTERVAL W/O PYRITE FRAGMENTS

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:50:28

SAMPLE NO = VA14222

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 032405
 STM ZONE :
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 296309.0 N : 5689803.0 EL : 825.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : METAMORPHOSED, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BUBBS, < 2% PYRITE.
 FORMATION :

SAMPLED BY : D McALGALLEN
 ANALYZED BY : COMENCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.39	68.33	64.94	G 33.26	KA20+K20 4.45 S102 68.33 SUBALKALINE
Al2O3	13.16	16.14	13.08	C 1.97	
Fe2O3	4.31	2.01	1.44	DR 12.88	DLA 8.14 NEA 15.79 DA 76.09 SUBALKALINE
FeO	0.00	2.33	1.69	AB 13.92	
CaO	4.58	4.88	4.96	AN 24.39	CPX 0.00 DL 0.00 CPX 100.00 SUBALKALINE
MgO	1.40	1.49	2.11	LC 0.00	
Na2O	1.42	1.51	2.78	NE 0.00	A 45.05 F 39.86 M 15.09 THOLEIITIC
K2O	2.76	2.94	3.57	KP 0.00	
TiO2	0.39	0.42	0.30	AC 0.00	AL2O3 16.14 NORM PLAG 63.66 THOLEIITIC
P2O5	0.04	0.06	0.05	DE 0.00	
MnO	0.10	0.11	0.09	FE 0.00	AN 43.45 ANA 24.80 OR 31.75 X-RICH SERIES
S	0.00	0.00	0.00	EN 4.22	
NiO	0.00	0.00	0.00	IG 1.52	BT 8.49 NORM PLAG 63.66 BASALT
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
-204	0.00	0.00	0.00	WA 0.00	SENSEN CALC-ALKALINE DACITE
-20-	0.00	0.00	0.00	LN 0.00	AL 76.28 FR 14.82 XG 8.91
LOK	5.96	0.00	0.00	MT 2.16	
TOTAL	98.95	100.00	100.00	IL 0.59	COLOR INDEX : 8.49
				DR 0.00	WASHBURN INDEX : 40.94
				-M 0.00	
				AP 0.14	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 5.74	
				CPX 0.00	
				AB* 13.92	

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PB, TR, OS, R-, RU, -R (P.P.B.)

BA 602.00:BA 20.00:ZA 42.00:NL 20.00:ER 73.00:SK 125.00:Y 20.00:ZR 94.00:NR 20.00:

COMMENTS : STRONGLY CALCAREOUS, LESS FE CARB

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:51:02

SAMPLE NO # VAL4223

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 296419.0 N : 5689462.0 EL : 947.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASY, KAFED PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : NIL, NIL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	65.67	65.00	60.60	Q	68.49	NA2O+K2O	6.49	SiO2	65.00	SUBALKALINE		
Al2O3	15.85	16.73	18.36	C	0.86	DiA	10.48	NBA	33.91	QA	55.66	SUBALKALINE
Fe2O3	5.40	2.08	2.42	GR	15.35	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.00	2.57	AB	35.34	A	47.83	F	37.79	Y	14.39	THOUGHTIC
CaO	2.58	3.28	3.77	AN	28.43	Al2O3	16.73	NORM PLAG	34.28			CALC-ALKALINE
MgO	1.87	1.98	2.71	LC	0.00	AN	26.66	ARA	51.16	OR	22.16	AVERAGE SERIES
Na2O	3.71	3.92	7.07	VE	0.00	Q		31.44	NORM PLAG	34.28		ANDESITE
K2O	2.44	2.58	3.06	XP	0.00	JENSEN CALC-ALKALINE DACHIE						
SiO2	0.42	0.44	0.31	AC	0.00	Al	72.12	ER	27.29	MG	10.64	
P2O5	0.06	0.06	0.05	DE	0.00	COCHR INDEX : 11.44						
MnO	0.10	0.11	0.08	FE	0.00	BAS-ANDIC INDEX : 37.05						
S	0.00	0.00	0.00	EY	5.42							
NiO	0.00	0.00	0.00	FR	3.27							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CoO	0.00	0.00	0.00	EA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00							
ZnO	0.00	0.00	0.00	LN	0.00							
Li2O	4.84	0.00	0.00	YT	2.13							
TOTAL	94.73	100.00	100.00	IL	0.62							
				OR	0.00							
				FM	0.00							
				AP	0.13							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RS	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.69							
				CPX	0.00							
				ABA	35.34							

TRADE ELEMENTS (P.P.M.) AL, RE, PT, ZN, TR, UG, RB, RU, G (P.P.P.)

BA 1265.00:CU 25.00:ZN 59.00:NI 20.00:RB 86.00:OR 248.00:Y 20.00:ZR 65.00:NB 20.00:

COMMENTS : MINOR RUST

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:51:55

SAMPLE NO # VAL1224

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FACD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 294928.0 N : 5693167.0 EL : 1075.0

FIELD NAME : VOLCANICLASTIC, ERLS XC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : B McLAUG-LTA
 ANALYZED BY : EDM INCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.63	64.57	60.25	R	21.96	XAS2+426	6.87	SiO2	64.51	SUBALKALINE		
Al2O3	16.94	18.33	20.14	O	5.27							
Fe2O3	3.49	1.99	1.40	DR	29.82	OKA	14.54	WKA	20.98	RA	64.48	SUBALKALINE
FeO	0.00	0.00	0.00	AB	16.82							
CaO	2.76	2.99	2.98	AN	19.85	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	2.86	3.09	4.30	LC	0.00							
Na2O	1.72	1.86	3.36	NE	0.00	A	51.42	T	25.43	M	23.16	CALC-ALKALINE
K2O	4.63	3.01	3.96	KP	0.00							
TiO2	0.34	0.37	0.26	AC	0.00	AL2O3		18.33	NORM	PLAG	45.15	CALC-ALKALINE
P2O5	0.15	0.16	0.13	UL	0.00							
MnO	0.00	0.00	0.07	-E	0.00	AN	22.89	ABA	27.80	OR	49.31	X-RICH SERIES
S	0.00	0.00	0.00	EN	8.60							
NiO	0.00	0.00	0.00	FS	0.73							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WB	0.00	JENSEN						
-20-	0.00	0.00	0.00	LN	0.00	AL	73.46	FE	10.85	MO	15.68	CALC-ALKALINE DACTITE
LiO	6.35	0.00	0.00	NT	2.09							
				IL	0.52							
TOTAL	92.43	100.00	100.00	DR	0.00	COLOR INDEX :						
				DM	0.00	-ASPHOTO INDEX :						
				AP	0.34							
				YO	0.00							
				NS	0.00							
				KS	0.00							
				RL	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.33							
				CPX	0.00							
				ABA	16.82							

TRACE ELEMENTS (P.P.M.) AL, RS, ZR, PB, TR, OS, R, RJ, B (P.P.B.)

BA 1704.00:CL 20.00:ZK 95.00:ML 20.00:XP 204.00:SK 468.00:Y 49.00:ZK 800.00:MR 45.00:

COMMENTS : EDGE BUFF
 CRACKY GROUND

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:52:37

SAMPLE ID # VAL4235

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295870.0 N : 569069.0 EL : 1025.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, K₂O, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 15-SEP-90
 DATE : 25-DEC-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		WT %	CLASSIFICATIONS AND INDICES						
SiO2	62.54	66.46	61.93	D	22.38	NA2O+K2O	6.79	STO2	66.46	SUBALKALINE		
Al2O3	16.06	17.07	19.75	C	3.68	Na	8.09	KA	33.29	QA	58.62	SUBALKALINE
Fe2O3	5.29	2.05	1.44	OX	16.38	DPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.21	2.50	AB	36.48	A	51.00	E	38.05	X	10.87	THOLEIITIC
CaO	2.21	2.35	2.35	AN	11.24	AL2O3	17.07	NORM	PLAG	23.55	CALC-ALKALINE	
MgO	1.36	1.43	2.01	LT	0.00	AN	17.58	AXA	56.92	OR	25.56	K-RICH SERIES
Na2O	0.80	4.04	7.30	NE	0.00	OL	9.09	NFRF	PLAG	23.55	DACITE	
K2O	2.59	2.75	3.38	KP	0.00	JENSEN CALC-ALKALINE DACITE						
SiO2	0.43	0.46	0.52	AC	0.00	Al	74.71	FR	17.29	MG	8.00	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX : 9.89						
MNO	0.09	0.00	0.00	SD	0.00	ANOMALOUS INDEX : 39.66						
S	0.00	0.00	0.00	EA	4.01							
NaO	0.00	0.00	0.00	ES	3.00							
CR2O3	0.00	0.00	0.00	SR	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WR	0.00							
-H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.51	0.00	0.00	MT	2.16							
				IL	0.64							
TOTAL	94.00	100.00	100.00	CR	0.00							
				-P	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RO	0.00							
				AS	0.00							
				OL	0.00							
				OPX	7.09							
				CPX	0.00							
				AXA	36.48							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PB, CU, OS, R, RJ, SB (P.P.B.)

BA 1572.00:CL 20.00:ZA 64.00:NL 20.00:RP 93.00:SR 156.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS :

==== P A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:53:21

SAMPLE NO = VAL4206

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOANS-IP :
 NTS : 032M05
 UTM ZONE : 11
 AMPLE TYPE :

SCHLO NUMBER :
 LOT : 0 CONGRESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/COMINCO OPTION
 0.0 N : 0.0 E : 0.0

FIELD NAME : OPPER.
 FORMAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-777-00
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	71.07	71.57	67.23	Q	30.92	VARSK20	7.45	SL02	71.57	SLRALKALINE		
Al2O3	14.66	14.76	16.25	Q	3.12							
Fe2O3	0.46	1.95	2.88	OR	25.55	DLA	3.14	NBA	27.77	QA	69.10	SURALKALINE
FeO	0.00	1.00	1.08	AR	28.88							
CaO	1.39	1.39	1.40	AR	5.86	CPX	0.00	OL	0.00	OPX	100.00	SURALKALINE
MgO	0.93	0.94	1.17	CC	0.00							
Na2O	0.15	0.17	5.78	ME	0.00	A	65.14	I	27.49	X	7.33	CALC-ALKALINE
K2O	4.20	4.26	5.11	KF	0.00							
SiO3	0.44	0.44	0.91	AC	0.00	AL2O3	14.76	NORM	PLAG	16.86	CALC-ALKALINE	
P2O5	0.17	0.17	0.14	CC	0.00							
MnO	0.07	0.07	0.06	IS	0.00	AN	9.71	AR*	47.91	OR	42.38	(-RUC) SERIES
S	0.00	0.00	0.00	SA	2.34							
NiO	0.00	0.00	0.00	SS	0.27							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE R-YOLITE					
-H2O-	0.00	0.00	0.00	LN	0.00	AL	60.33	FR	23.92	MG	5.75	
LOI	0.67	0.00	0.00	KT	2.07							
TOTAL	99.31	100.00	100.00	IL	0.65	CHLR INDEX :	5.31					
				CR	0.00	ASHFOTO INDEX :	52.76					
				-*	0.00							
				AP	0.36							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.61							
				CPX	0.00							
				ASA	20.88							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PU, UG, OS, R, RD, G (P.P.B.)

BA 599.00:FL 20.00:ZY 62.00:NI 20.00:RI 107.00:SK 124.00:Y 20.00:ZK 157.00:LB 20.00:

COMMENTS : 800 STANDARD GC-A

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:54:44

SAMPLE ID : VAL4238

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER :
 LOT : 0 CONVERSION :
 GRID COORDINATES : E : 295276.0 N : 5690566.0 EL : 1060.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/CONINGO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, AS⁴, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRONGERS, <X% PYRITE.
 FORMATION :

SAMPLED BY : G RUSSELL
 ANALYZED BY : COMINDO

DATE : 16-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS
SiO2	72.12	72.50	69.37	Q	41.03
Al2O3	15.59	16.10	17.91	Q	8.60
Fe2O3	3.43	3.90	7.41	DR	27.50
FeO	0.00	1.40	1.21	AB	28.46
CaO	0.11	0.11	0.17	AN	0.30
MgO	0.36	0.37	0.58	LC	0.00
Na2O	3.01	3.11	5.69	NE	0.00
K2O	2.81	2.90	3.30	XP	0.00
TiO2	0.42	0.43	0.31	AC	0.00
P2O5	0.04	0.04	0.03	DT	0.00
MnO	0.03	0.03	0.02	VE	0.00
S	0.00	0.00	0.00	EN	1.05
NiO	0.00	0.00	0.00	ES	0.24
Cr2O3	0.00	0.00	0.00	EO	0.00
CoO	0.00	0.00	0.00	EA	0.00
P2O5+	0.00	0.00	0.00	HU	0.00
P2O5-	0.00	0.00	0.00	LN	0.00
LOI	2.60	0.00	0.00	MT	2.11
				IL	0.62
TOTAL	96.76	100.00	100.00	CR	0.00
				HM	0.00
				AP	0.09
				PC	0.00
				VS	0.00
				KS	0.00
				RJ	0.00
				AG	0.00
				DL	0.00
				DPX	1.29
				CPX	0.00
				ABA	30.46

CLASSIFICATIONS AND INDICES					
NA2O+K2O	6.07	SiO2	72.50		SUBALKALINE
DiA	1.36	NEA	24.13	DA	24.51
CPX	0.00	DL	0.00	CPX	100.00
A	62.81	E	33.31	M	3.89
AL2O3	16.10	NORM PLAG	1.04		CALC-ALKALINE
AN	0.65	ABA	61.52	DR	32.83
Q1	4.02	NORM PLAG	1.04		R-YOLITE
JENSEN		TROGECTIC R-YOLITE			
AL	84.15	EE	10.39	MG	2.46
COLUR INDEX :		4.02			
WASHINGTON INDEX :		50.40			

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, OS, R, SE, G (P.P.B.)

BA 972.00:EL 20.00:ZN 49.00:AL 20.00:SR 76.00:BR 60.00:Y 20.00:ZR 77.00:NB 20.00:

COMMENTS : STRONGLY BLEACHED AND LENSIFIED

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REPORT #2000

PAGE 1
 PRINTED 23-DEC-90
 09:55:28

SAMPLE NO VAL4229

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 292174.0 N : 5689840.0 EL : 778.0

PROJECT # 2247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMMONCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, K, X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CUMINGO

DATE : 17-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED AN-YOXIOUS WT %	NORMALIZED AN-YOXIOUS CATION %		NORMS
SiO2	64.28	69.36	65.88	O	37.52
Al2O3	15.03	16.16	18.14	P	5.64
Fe2O3	4.26	3.01	3.44	OR	21.66
FeO	0.00	2.87	1.04	AB	8.35
CaO	3.04	3.27	3.34	AN	16.26
MgO	1.92	2.07	2.93	LC	0.00
Na2O	0.64	0.90	1.67	NS	0.00
K2O	3.13	3.56	4.33	AP	0.00
TiO2	0.37	0.40	0.29	AC	0.00
P2O5	0.06	0.06	0.05	BC	0.00
MnO	0.09	0.10	0.00	VE	0.00
S	0.00	0.00	0.00	EN	5.87
NiO	0.00	0.00	0.00	ES	1.83
CR2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	6.81	0.00	0.00	MT	2.16
				EL	0.57
TOTAL	92.95	100.00	100.00	OR	0.00
				-K	0.00
				AP	0.14
				PO	0.00
				NS	0.00
				KS	0.00
				RL	0.00
				AS	0.00
				OL	0.00
				OPX	7.70
				CPX	0.00
				AB*	8.35

CLASSIFICATIONS AND INDICES

NA2O+K2O	4.46	SiO2	69.16	SUBALKALINE		
OLA	10.28	NEA	9.35	GA	79.08	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	41.91	F	35.71	X	19.39	T GLETTIC
AL2O3	16.16	NORM PLAG	66.00	TROLETTIC		
AN	35.14	AR*	18.04	OR	46.82	K-ROCK SERIES
OL	10.43	NORM PLAG	66.00	BASALT		

JBENSEN CALC-ALKALINE INDEX
 AL 73.38 OR 14.76 MG 11.86

COAGR INDEX : 10.43
 WASHBURN INDEX : 57.40

TRACE ELEMENTS (P.P.M.) AU, RB, ST, PO, CR, BS, Rb, Sr, G (P.P.B.)

BA 400.00:CL 20.00:ZN 600.00:NI 20.00:RB 100.00:SR 147.00:Y 20.00:ZK 90.00:RF 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:56:13

SAMPLE ID # VA14230

WHOLE ROCK GEO-CHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 295504.0 N : 5690613.0 EL : 1375.0
 PROJECT : MET/CONCORD OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI
 FINAL NAME :
 ALTERATION : PERVASIVE CARBONATIZATION, SERICITIC
 MINERALIZATION : NIL, NIL, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 14-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.10	63.07	56.78	D	4.26	NA2O+K2O	0.70	SiO2	63.07	ALKALINE		
Al2O3	17.18	17.73	18.32	C	1.85	Na	9.03	NaAl	49.92	Na	41.05	SUBALKALINE
Fe2O3	6.67	2.00	7.41	OR	2.00	CPX	0.00	GL	0.00	CPX	100.00	SUBALKALINE
FeO	0.00	4.32	3.25	AB	74.41	A	50.47	E	35.93	K	18.59	TRONIC
CaO	1.04	1.07	1.04	AN	4.72	Al2O3	17.73	NaAl	PLAG	5.96	CALC-ALKALINE	
MgO	2.27	2.34	3.14	CC	0.00	AN	51.09	NaAl	92.85	OR	1.26	TRONIC
Na2O	8.26	8.59	14.88	NR	0.00	GL	10.61	NaAl	PLAG	5.96	TRONIC	
K2O	0.17	0.18	0.20	RP	0.00	CENSEN CALC-ALKALINE ANDESITE						
TiO2	0.52	0.54	0.36	AC	0.00	AN	69.56	EE	18.79	MG	11.62	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX : 13.61						
MnO	0.07	0.07	0.06	LS	0.00	MAG PHOTO INDEX : 20.78						
S	0.00	0.00	0.00	SA	6.29							
NiO	0.00	0.00	0.00	IS	4.47							
Cr2O3	0.00	0.00	0.00	SO	0.00							
CO2	0.00	0.00	0.00	TA	0.00							
+20+	0.00	0.00	0.00	XD	0.00							
+20-	0.00	0.00	0.00	LN	0.00							
LOI	2.84	0.00	0.00	MT	2.12							
TOTAL	96.00	100.00	100.00	IL	0.73							
				OR	0.00							
				Y	0.00							
				AP	0.15							
				PS	0.00							
				NS	0.00							
				KS	0.00							
				RE	0.00							
				AG	0.00							
				BL	0.00							
				DPX	10.76							
				CPX	0.00							
				ABA	74.41							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, SD, CR, OS, R, RV, G (P.P.B.)

BA 295.00:CL 32.00:CA 67.00:NI 20.00:RB 20.00:RU 177.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS : A SX PARTIALLY WEATHERED MAGNETITE DESIGNATED TO 1 MM

REPORT #2000

SAMPLE ID = VAL4231

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 295422.0 N : 5690278.0 EL : 950.0

FIELD NAME : VOLCANICLASTIC, FELSIC, AS⁴, QUARTZ AND FELDSPAR PORPHYRYIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMENCO

DATE : 14-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATIONS %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	67.96	71.67	68.44	Q 41.21	NA204 (20 4.63 SiO2 71.67 SUBALKALINE				
Al2O3	15.42	16.26	18.30	Q 5.30					
Fe2O3	3.47	3.98	1.42	OR 19.93	OIA 1.25 NFA 15.32 RA 83.44 SUBALKALINE				
FeO	0.00	1.51	1.20	AB 14.45					
CaO	2.92	3.03	3.15	AN 15.33	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE				
MgO	0.16	0.17	0.24	LC 0.00	A 59.25 F 89.71 M 2.04 THOLEIITIC				
Na2O	1.48	1.56	3.89	NE 0.00	AL203 16.26 NORM PLAG 50.48 CALC-ALKALINE				
K2O	3.10	3.27	3.99	MP 0.00	AN 30.63 ANA 20.06 OR 40.10 K-FIC. SERIES				
TiO2	0.33	0.30	0.29	AC 0.00	CO 3.65 NORM PLAG 50.48 ANDESITE				
P2O5	0.06	0.06	0.05	DC 0.00					
MnO	0.03	0.03	0.03	DE 0.00					
S	0.00	0.00	0.00	EN 0.48					
NiO	0.00	0.00	0.00	FS 0.46					
CR2O3	0.00	0.00	0.00	FO 0.00					
CO2	0.00	0.00	0.00	FA 0.00					
P2O4	0.00	0.00	0.00	WO 0.00					
P2O3	0.00	0.00	0.00	LN 0.00					
LOI	4.46	0.00	0.00	MT 2.14					
				IL 0.58					
TOTAL	94.32	100.00	100.00	CR 0.00					
				-K 0.00					
				AP 0.14					
				PC 0.00					
				VS 0.00					
				KS 0.00					
				RJ 0.00					
				AS 0.00					
				OL 0.00					
				OPX 0.94					
				CPX 0.00					
				ANA 14.45					
TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, BR, OS, R, S, G (P.P.B.)									
BA	657.00:BA	26.00:CA	30.00:CE	20.00:CR	97.00:ER	149.00:Y	20.00:ZR	90.00:BR	20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:58:27

SAMPLE ID # VAL4232

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 31
 SAMPLE TYPE : GRAB SAMPLE

WORLD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295710.0 N : 5690362.0 EL : 1165.0
 PROJECT # 1047
 PROVINCE : BRITISH COLUMBIA
 PROJECT : EST/COMMOD OPTION

FIELD NAME : SEDIMENTARY ARGILLITE .NO COMMENT,LOOK AT COMMENTS.
 FINAL NAME :
 ALTERATION : SPOTS .CARBONATIZATION .STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, .-5% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 14-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NRMS		CLASSIFICATIONS AND INDICES						
SiO2	44.60	52.63	49.63	0	0.00	NA2O+K2O	5.53	SiO2	52.63	SUBALKALINE		
Al2O3	15.35	15.75	17.51	0	0.00							
Fe2O3	5.94	2.29	3.62	OK	18.76	Ca	0.00	NRA	60.88	Ca	30.12	ALKALINE
FeO	0.00	4.25	3.35	AB	20.44							
CaO	25.26	18.01	16.20	AN	23.34	OPX	00.00	Ol	0.00	OPX	0.00	ALKALINE
MgO	0.47	0.55	0.70	LC	0.00							
Na2O	2.05	2.42	4.42	ND	1.01	A	44.60	F	50.98	M	4.47	THOUGHTIC
K2O	2.64	3.13	3.75	KP	0.00							
TiO2	0.44	0.52	0.37	AO	0.00	Al2O3		15.75	NORX	PLAG	51.35	THOUGHTIC
P2O5	0.16	0.19	0.13	DC	3.12							
MnO	0.23	0.22	0.22	BE	9.54	AN	36.35	ANA	34.44	OR	29.32	X-RAY SERIES
S	0.00	0.00	0.00	RN	0.00							
NiO	0.00	0.00	0.00	FS	0.00	Ol		15.03	NORX	PLAG	51.35	ANDSITE
CR2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
+20+	0.00	0.00	0.00	WD	20.22	JENSEN		THOUGHTIC	R-YOLITE			
+20-	0.00	0.00	0.00	LN	0.00	Al	70.42	FX	29.32	MG	3.17	
LOI	13.23	0.00	0.00	XT	2.44							
TOTAL	84.71	100.00	100.00	IL	0.74							
				CR	0.00	COLOR INDEX :		15.83				
				FM	0.00	ASHFORDO INDEX :		15.23				
				AP	0.40							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	0.00							
				CPX	12.66							
				ABA	22.11							

TRACE ELEMENTS (P.P.M.) AL,RR,PC,PD,RE,RS,R,RO,SG (P.P.B.)

BA 0022.00:CL 31.00:ZA 46.00:KL 20.00:RR 79.00:SN 405.00:Y 20.00:ZR 114.00:NR 20.00:

COMMENTS : CARBONATE SEDIMENT

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 08:59:53

SAMPLE ID # VAL4204

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296343.0 N : 5689704.0 BL : 888.0
 PROJECT # 2247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENDO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, C. X. PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CDX/MGJ

DATE : 16-SEP-90
 DATE : 23-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.01	68.28	64.21	Si	NA2O+K2O 5.74 SF02 68.28 SUBALKALINE
Al2O3	16.46	17.29	19.16	Al	DiA 7.00 NaA 25.03 PA 67.79 SUBALKALINE
Fe2O3	4.78	2.02	7.43	CR	OPX 0.00 Qt 0.00 DPX 100.00 SUBALKALINE
FeO	0.00	2.70	2.13	AB	A 49.68 E 39.06 K 70.26 T-OLEPTIC
CaO	1.96	2.06	2.07	AN	ALRO3 17.29 NORM PLAG 27.14 CALC-ALKALINE
MgO	1.24	1.30	1.39	LD	AN 19.58 AR 49.87 OR 31.55 K-RIC SERIES
Na2O	2.79	2.93	5.34	NE	CL 8.78 NORM PLAG 27.14 DACITE
K2O	2.63	2.81	3.38	CP	JENSEN CALC-ALKALINE DACITE
TiO2	0.42	0.44	0.31	AC	Al 76.85 Fe 15.83 Mg 7.32
P2O5	0.06	0.06	0.03	DC	COLOR INDEX : 8.78
MnO	0.10	0.11	0.03	FE	AS DRIFT INDEX : 45.21
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	ES	
CR2O3	0.00	0.00	0.00	ST	
CO2	0.00	0.00	0.00	EA	
F2O+	0.00	0.00	0.00	WO	
F2O-	0.00	0.00	0.00	LN	
LOI	4.21	0.00	0.00	MT	
TOTAL	95.21	100.00	100.00	IL	
				CR	
				M	
				AP	
				PD	
				NS	
				KS	
				RJ	
				AG	
				QL	
				OPX	
				CPX	
				AB*	

TRACE ELEMENTS (P.P.M.) AU, RE, PR, PD, CR, DS, Rb, RS. S (P.P.P.B.)

BA 100.00:FC 25.00:FX 51.00:FN 20.00:RP 01.00:SR 90.00:FY 20.00:FZ 95.00:NB 20.00:

COMMENTS :

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 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:00:36

SAMPLE ID # VAL4235

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296369.0 N : 5689716.0 EL : 875.0
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : REI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRONGER, K2Z, PYRITE.
 FORMATION :

SAMPLED BY : D RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.59	67.85	64.83	G	95.42	NA2O+K2O	4.02	SiO2	67.85	SUBALKALINE		
Al2O3	14.31	15.77	17.76	G	3.48	CaO	14.67	Na2O	4.00	Ca	80.46	SUBALKALINE
Fe2O3	4.65	2.04	3.47	GR	21.91	OPX	0.00	Di	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.78	2.32	AB	3.98	A	36.30	F	40.62	Y	32.08	THOLEIITIC
CaO	4.11	4.53	4.64	AN	22.73	Al2O3	15.77	NORM	PLAG	85.10	THOLEIITIC	
MgO	2.22	2.45	3.48	LC	0.00	AN	46.75	ARA	0.10	OK	45.07	(-NCF) SERIES
Na2O	0.59	0.40	0.80	NE	0.00	Ca	12.33	NORM	PLAG	85.10	BASALT	
K2O	3.26	3.39	4.38	CP	0.00	JENSEN CALC-ALKALINE DACTE						
TiO2	0.25	0.09	0.20	AC	0.00	AL	70.19	FR	16.04	MG	13.77	
P2O5	0.06	0.02	0.03	DT	0.00	COLOR INDEX : 12.33						
MnO	0.11	0.12	0.10	E	0.00	FASCHMOTO INDEX : 54.91						
S	0.00	0.00	0.00	EN	6.97							
NiO	0.00	0.00	0.00	FS	2.61							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
-20F	0.00	0.00	0.00	SO	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	7.96	0.00	0.00	MT	2.20							
TOTAL	90.77	100.00	100.00	CL	0.55							
				CR	0.00							
				CM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RL	0.00							
				AG	0.00							
				DL	0.00							
				DPX	9.58							
				CPX	0.00							
				ABA	3.98							

TRACE ELEMENTS (P.P.B.) AS, RE, PB, PD, BR, CS, BR, R, F (P.P.B.)

BA 760.00:BR 20.00:CA 96.00:CL 20.00:CR 93.00:GR 150.00:Y 20.00:ZK 72.00:NR 20.00:

COMMENTS : MODERATELY CALCAREOUS, STRONGLY SERICITIZED

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:01:19

SAMPLE NO # VAL4236

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296396.0 N : 5689711.0 EL : 840.0
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : B2T/COMENCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYROID.
 FINAL NAME :
 ALTERATION : PERVASIVE, D-LORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, Cu, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : EDMUNDO

DATE : 10-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.04	66.51	62.07	Q	25.26	NA2O+K2O	7.54	SiO2	66.51	SUBALKALINE		
Al2O3	18.26	18.97	20.84	G	8.56	Ca	5.98	NaA	29.78	Ca	64.24	SUBALKALINE
Fe2O3	4.67	3.07	3.45	GR	25.38	OPX	0.00	CL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.30	1.95	AR	29.69	A	50.16	F	33.66	K	0.17	INTRUSIVE
CaO	0.70	0.73	0.73	AK	3.22	Al2O3		18.97	WORM	PLAG	9.79	CALC-ALKALINE
MgO	1.02	1.06	1.47	LC	0.00	AN	5.53	ABA	50.93	GR	43.54	K-RECT SERIES
Na2O	0.16	3.28	5.94	NE	0.00	CC		7.66	WORM	PLAG	9.79	RHYOLITE
K2O	4.10	4.26	5.08	CP	0.00	JENSEN CALC-ALKALINE DACTE						
TiO2	0.49	0.51	0.36	AC	0.00	AL	79.81	FR	14.55	MG	5.64	
P2O5	0.06	0.06	0.05	DC	0.00	COLOR INDEX : 7.66						
MnO	0.05	0.05	0.04	DE	0.00	FASHEMOSSE INDEX : 57.02						
S	0.00	0.00	0.00	EN	2.95							
NO2	0.00	0.00	0.00	FS	1.83							
CR2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	W3	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	2.73	0.00	0.00	ME	2.18							
TOTAL	96.28	100.00	100.00	IL	0.71							
				CR	0.00							
				FM	0.00							
				AP	0.13							
				PG	0.00							
				NS	0.00							
				KS	0.00							
				RF	0.00							
				AG	0.00							
				OL	0.00							
				OPX	4.77							
				CPX	0.00							
				ABA	29.69							

TRACE ELEMENTS (P.P.M.) AL, RE, PY, PO, BR, ZN, R+, R3, G (P.P.B.)

BA 2067.00:PO 30.00:ZN 31.00:R3 20.00:R5 125.00:BR 69.00:Y 20.00:ZK 305.00:V3 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:02:02

SAMPLE CD # VAL4207

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X00-453
 TOWNSHIP :
 NTS : 082-05
 UTM ZONE : 17
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296389.0 N : 5689752.0 EL : 810.0

PROJECT # 2147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/CONCORD OPTION

FIELD NAME : VOLCANIC/CLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRY/ITC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDED, Cu, PYRITE.
 FORMATION :

SAMPLER BY : C RUSSELL
 ANALYZED BY : DDY/DCD

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.56	67.81	63.57	Q	25.09	NA2O+K2O	6.63	SiO2	67.81	SUBALKALINE		
Al2O3	13.73	16.58	18.11	C	2.35	PLA	5.66	NaK	30.66	RA	63.69	SUBALKALINE
Fe2O3	4.57	1.99	1.40	OR	19.18	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.53	1.99	AB	31.11	A	56.03	T	36.51	M	7.46	THOLEIITIC
CaO	3.60	3.00	3.04	AN	14.77	AN2O3	16.58	NORM	PLAG	32.20	CALC-ALKALINE	
MgO	0.84	0.38	1.23	LC	0.00	AK	22.71	ARA	47.82	OR	29.47	R-RICH SERIES
Na2O	3.26	0.42	6.22	NR	0.00	CO	7.27	NORM	PLAG	32.20	DIABASE	
K2O	3.08	1.20	3.84	KT	0.00	JENSEN THOLEIITIC R-YOLITE						
TiO2	0.39	0.41	0.29	AG	0.00	AL	78.64	FR	16.07	NS	5.29	
P2O5	0.06	0.06	0.05	GC	0.00	CIPICR INDEX : 7.27						
MnO	0.08	0.06	0.07	TE	0.00	FASIMATIC INDEX : 38.73						
S	0.00	0.00	0.00	SA	2.47							
NiO	0.00	0.00	0.00	SP	2.13							
Cr2O3	0.00	0.00	0.00	EP	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	JO	0.00							
Li2O	0.00	0.00	0.00	LN	0.00							
	3.91	0.00	0.00	MT	2.10							
				SS	0.58							
TOTAL	95.20	100.00	100.00	CR	0.00							
				M	0.00							
				AP	0.13							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RI	0.00							
				AG	0.00							
				OL	0.00							
				GPX	4.59							
				CPX	0.00							
				ABA	31.11							

TRACE ELEMENTS (P.P.M.) AU, RU, RE, PO, CR, NI, ZN, CO, Ni, Pb (P.P.B.)
 BA 1467.00:CO 20.00:Zn 31.00:AL 20.00:RB 90.00:FSR 113.00:Y 20.00:Zr 102.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:02:45

SAMPLE ID : VAL4238

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 080N08
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296331.0 N : 5689614.0 EL : 800.0
 PROJECT : SET/COMMERC OPTCON

FIELD NAME : VOLCANICLASSIC, FELSIC, AS4, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, <X> PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINIC

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMO	CLASSIFICATIONS AND INDICES						
SiO2	68.68	78.20	70.21	G	49.42	NA2O+K2O	4.32	SiO2	73.10	SUBALKALINE		
Al2O3	13.11	16.30	18.47	C	9.73	Ca	3.69	Na2O	2.67	Na	98.64	SUBALKALINE
Fe2O3	3.14	2.00	1.45	OR	25.56	CPX	0.00	Or	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.21	0.97	AB	1.49	A	52.42	F	26.49	M	11.10	TROLEITIC
CaO	1.56	1.66	1.71	AK	8.34	Al2O3	16.30	NORM	PLAG	84.85	TROLEITIC	
MgO	0.86	0.92	1.01	LC	0.00	AN	23.06	ANA	4.21	OR	72.23	K-RICH SERIES
Na2O	0.15	0.16	0.00	NS	0.00	CO	5.39	NORM	PLAG	84.85	BASALT	
K2O	3.97	1.16	3.11	CP	0.00	JENSEN CALC-ALKALINE RHYOLITE						
TiO2	0.38	0.40	0.29	AC	0.00	Al	81.93	FR	12.26	KG	5.82	
P2O5	0.03	0.03	0.03	BC	0.00	COLOUR INDEX : 5.39						
MnO	0.06	0.06	0.05	CC	0.00	MAG-EMTD INDEX : 73.61						
S	0.00	0.00	0.00	EN	2.62							
NiO	0.00	0.00	0.00	ES	0.01							
CR2O3	0.00	0.00	0.00	ER	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	WD	0.00							
Zn	0.00	0.00	0.00	LN	0.00							
Li2O	5.00	0.00	0.00	MT	2.17							
TOTAL	93.95	100.00	100.00	IL	0.59							
				OR	0.00							
				PM	0.00							
				AP	0.07							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.64							
				CPX	0.00							
				ABA	1.49							

TRACE ELEMENTS (P.P.M.) AL, RC, SC, PD, CR, CU, R, BI, G (P.P.B.)

BA 621.00:CL 20.00:CA 20.00:FE 20.00:FR 101.00:Y 20.00:ZR 79.00:NB 20.00:

COMMENTS : SECURITY SERIALIZED & TAILORE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:03:28

SAMPLE ID # VAL4239

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 002405
 STM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : 887/DOHENCO OPTION
 GRID COORDINATES : E : 297045.0 N : 5689734.0 EL : 755.0

FIELD NAME : VOLCANICLASTIC, FELSPIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, C. LORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES							
SiO2	69.63	73.71	68.73	R	45.02	KA20*	4.43	SiO2	73.71	SUBALKALINE			
Al2O3	15.98	16.93	18.16	C	10.52	OLA	8.23	Al2O3	16.93	SUBALKALINE			
Fe2O3	5.04	5.99	7.43	OR	24.63	OPX	0.00	OL	0.00	SUBALKALINE			
FeO	0.00	2.93	2.37	AR	7.48	A	44.44	F	43.63	TROCTIC			
CaO	0.62	0.65	0.67	AN	3.04	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
MgO	1.34	1.30	1.83	LC	0.00	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
Na2O	0.77	0.80	1.50	NE	0.00	OPX	0.00	OPX	100.00	SUBALKALINE			
K2O	3.93	4.02	4.03	KP	0.00	DI	0.00	DI	100.00	SUBALKALINE			
SiO2	0.40	0.42	0.00	AC	0.00	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
P2O5	0.04	0.04	0.03	DT	0.00	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
MnO	0.04	0.04	0.00	LE	0.00	OPX	0.00	OPX	100.00	SUBALKALINE			
S	0.00	0.00	0.00	BN	3.70	DI	0.00	DI	100.00	SUBALKALINE			
NiO	0.00	0.00	0.00	ES	2.77	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
CR2O3	0.00	0.00	0.00	TC	0.00	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
CO2	0.00	0.00	0.00	FA	0.00	OPX	0.00	OPX	100.00	SUBALKALINE			
Li2O+	0.00	0.00	0.00	WD	0.00	DI	0.00	DI	100.00	SUBALKALINE			
Li2O-	0.00	0.00	0.00	LN	0.00	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
LOI	3.63	0.00	0.00	MC	2.15	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
TOTAL	95.68	100.00	100.00	ZL	0.60	OPX	0.00	OPX	100.00	SUBALKALINE			
				CR	0.00	DI	0.00	DI	100.00	SUBALKALINE			
				HM	0.00	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
				AP	0.09	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
				PG	0.00	OPX	0.00	OPX	100.00	SUBALKALINE			
				NS	0.00	DI	0.00	DI	100.00	SUBALKALINE			
				KS	0.00	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
				RI	0.00	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
				AG	0.00	OPX	0.00	OPX	100.00	SUBALKALINE			
				OL	0.00	DI	0.00	DI	100.00	SUBALKALINE			
				DPX	6.47	AL2O3	16.06	NORM	PLAG	28.93	CALC-ALKALINE		
				CPX	0.00	AN	0.66	Al2O3	16.06	NORM	PLAG	28.93	DACITE
				AR*	7.48	OPX	0.00	OPX	100.00	SUBALKALINE			

TRACE ELEMENTS (P.P.M.) AC, RR, RT, PU, ER, OS, X, RJ, -G (P.P.B.)

BA 1257.00:CL 20.00:ZN 170.00:AL 20.00:RK 119.00:SR 53.00:Y 20.00:ZR 89.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
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SAMPLE ID # VA4240

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-100
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297002.0 N : 5689723.0 EL : 765.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LDDX AT COMMENTS.
 MINERALIZATION : STRONGER, <X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 18-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		WORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.42	68.63	65.35	K	32.51	NA2O+K2O	4.97	SiO2	68.63	SUBALKALINE		
Al2O3	13.62	14.74	16.34	D	2.52							
Fe2O3	5.60	2.01	3.44	OR	20.59	OLA	12.50	NEA	15.46	GA	71.96	SUBALKALINE
FeO	0.00	0.67	2.92	AB	14.58							
CaO	3.23	3.50	3.57	AN	17.47	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	2.77	1.92	2.72	LE	0.00	A	40.17	F	44.34	H	75.49	THOLEIITIC
Na2O	1.46	1.50	2.92	NE	0.00							
K2O	3.13	0.39	4.13	KP	0.00	AL2O3	14.74	WORM PLAG	54.50			THOLEIITIC
TiO2	0.06	0.09	0.28	AO	0.00							
P2O5	0.03	0.03	0.04	DE	0.00							
MnO	0.12	0.13	0.10	BE	0.00	AN	33.18	ARA	27.70	OR	39.12	K-RICH SERIES
S	0.00	0.00	0.00	EN	5.44							
NiO	0.00	0.00	0.00	FS	4.06	DI	12.21	NORM PLAG	54.50			ANDESITE
Cr2O3	0.00	0.00	0.00	ED	0.00							
Co2	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	NO	0.00	JENSEN	CALC-ALKALINE ANDESITE					
P2O4	0.00	0.00	0.00	LN	0.00	AL	68.90	EE	19.78	MG	11.32	
LOI	5.54	0.00	0.00	XC	2.16							
TOTAL	98.41	100.00	100.00	CL	0.56							
				CR	0.00	DIOR INDEX :	12.21					
				HM	0.00	ASHIKOTO INDEX :	51.09					
				AP	0.12							
				PE	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.49							
				CPX	0.00							
				ARA	14.58							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, TR, PB, RB, RW, S (P.P.P.)

BA 606.00:BR 20.00:BX 52.00:BL 20.00:BD 90.00:BR 105.00:Y 20.00:ZX 82.00:WB 20.00:

COMMENTS : CRON CARBONATE

==== E A L C O M B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VAL4241

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONGRESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMNCO OPTION
 GRID COORDINATES : E : 294427.0 N : 5691570.0 EL : 1250.0

FIELD NAME : SEDIMENTARY SANDSTONE AND WACKE ,SAND,LOCK AT COMMENTS.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,LEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,K,X ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMNCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		WTKS	CLASSIFICATIONS AND INDICES						
SiO2	64.34	66.07	84.76	R	78.86	NA2O+K2O	2.29	SiO2	86.07	SUBALKALINE		
Al2O3	8.32	8.49	9.86	C	6.89	Ca	0.32	NaK	0.08	Ca	99.60	SUBALKALINE
Fe2O3	2.89	2.96	3.45	OR	14.31	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.43	0.36	AB	0.10	A	49.77	E	47.78	K	2.44	T-OLETTIC
CaO	0.13	0.13	0.14	AN	0.20	AL2O3	8.49	NaK	0.08	OR	97.95	K-RIC SERIES
MgO	0.11	0.11	0.16	LC	0.00	AN	1.39	NaK	0.67	OR	97.95	K-RIC SERIES
Na2O	0.01	0.01	0.02	NE	0.00	Ca	2.47	NaK	0.08	OR	97.95	K-RIC SERIES
K2O	2.23	2.23	2.86	KP	0.00	JENSEN		TOTALTED R-YOLITE				
TiO2	0.42	0.43	0.32	AC	0.00	AL	61.03	Fe	17.61	Mg	1.35	
P2O5	0.07	0.07	0.06	DE	0.00	COLOR INDEX :		2.47				
MnO	0.02	0.02	0.02	E	0.00	WAS		WAS				
S	0.00	0.00	0.00	EN	0.33							
Na2O	0.00	0.00	0.00	ES	0.00							
CR2O3	0.00	0.00	0.00	EP	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
-20+	0.00	0.00	0.00	WD	0.00							
+20-	0.00	0.00	0.00	LN	0.00							
LOI	1.95	0.00	0.00	YC	0.17							
TOTAL	97.98	100.00	100.00	EL	0.63							
				OR	0.00							
				SA	1.34							
				AP	0.16							
				PD	0.00							
				AS	0.00							
				KS	0.00							
				RS	0.00							
				AG	0.00							
				OL	0.00							
				OPX	0.33							
				CPX	0.00							
				A2*	0.10							

TRACE ELEMENTS (P.P.M.) AL,RE,PT,PD,TR,OS,R1,RE,IG (P.P.P.)

BA 634.00:CL 24.00:ZK 28.00:NI 22.00:KR 80.00:GR 50.00:Y 20.00:ZR 294.00:VO 20.00:

COMMENTS : 30% VOLCANIC FRAGMENTS

==== FALCONBRIDGE LTD =====
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REPORT #2000

PAGE 1
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SAMPLE ID # VA.4242

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 092405
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 204472.0 W : 5691596.0 EL : 1100.0
 PROJECT : 822/COMANCO OPTION

FIELD NAME : VOLCANICLASTIC, OTHER, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLISS. K1Z, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	50.82	57.32	52.00	Q 4.76	NA2OK2O 7.04 SiO2 57.32 SUBALKALINE				
Al2O3	15.73	17.92	19.52	C 0.00					
Fe2O3	4.98	3.29	3.59	DR 24.67	OLA 17.54 NKA 36.74 KA 43.72 SUBALKALINE				
FeO	0.00	0.00	0.00	AB 25.62					
CaO	6.46	7.36	7.29	AN 29.66	CPX 45.91 OL 0.00 OPX 54.19 SUBALKALINE				
MgO	3.42	3.90	5.07	LC 0.00					
Na2O	2.51	2.86	5.12	WE 0.00	A 40.89 F 31.82 * 24.29 THOLEIITIC				
K2O	3.67	4.13	4.93	KP 0.00					
TiO2	0.51	0.58	0.40	AC 0.00	AL2O3 17.92 NORM PLAG 46.01 CALC-ALKALINE				
P2O5	0.40	0.46	0.36	DE 6.38					
MnO	0.09	0.10	0.00	FE 1.47	AN 31.99 ANK 34.64 DR 33.97 (-RED) SERIES				
S	0.00	0.00	0.00	FM 7.54					
NO3	0.00	0.00	0.00	ES 1.73	OL 20.32 NORM PLAG 48.01 ANDESITE				
OR2O3	0.00	0.00	0.00	FC 0.00					
CO2	0.00	0.00	0.00	FA 0.00					
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE				
-H2O-	0.00	0.00	0.00	LN 0.00	AL 66.59 FR 15.31 MG 18.30				
LOI	10.58	0.00	0.00	MT 2.39					
TOTAL	87.79	100.00	100.00	CL 0.81	COLOR INDEX : 20.32 WASHINGTON INDEX : 44.15				
				CR 0.00					
				HM 0.00					
				AP 0.95					
				PC 0.00					
				NS 0.00					
				KS 0.00					
				RJ 0.00					
				AG 0.00					
				OL 0.00					
				OPX 9.28					
				CPX 7.84					
				ABA 25.62					
TRACE ELEMENTS (P.P.M.) AL, RS, PS, PD, ER, US, RP, RIL, G (P.P.B.)									
BA	2093.00:Ca	57.00:Zn	20.00:Mn	20.00:Rb	163.00:Kk	961.00:Y	39.00:Zr	421.00:Vr	27.00:

COMMENTS : TUFFACIOUS SEDIMENT

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID : VA.4243

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-100
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONGRESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : 82T/COMINCO OPTION
 GRID COORDINATES : E : 294687.0 N : 5692768.0 EL : 1155.0

FIELD NAME : VOLCANIC CLASTIC, INTERMEDIATE, LAPILLI, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, C-LONITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, K-Z, PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : DOMINOU

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		WTKS	CLASSIFICATIONS AND INDICES						
SiO2	68.39	70.28	68.09	O	47.23	NA2O+(2O	2.99	SiO2	71.23	SUBALKALINE		
Al2O3	13.23	16.17	18.22	C	11.84	OLA	12.04	NRA	11.69	RA	77.37	SUBALKALINE
Fe2O3	6.08	2.00	1.44	OR	8.96	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.00	0.12	AB	13.99	A	27.31	F	52.25	W	26.44	THOLEIITIC
CaO	0.92	0.96	0.90	AN	4.48	Al2O3	16.17	NORM PLAG	24.27			CALC-ALKALINE
MgO	2.14	2.33	2.13	LC	0.00	AN	16.34	ABA	50.99	OR	32.67	K-ROCK SERIES
Na2O	1.45	1.51	2.60	NR	0.00	OL	13.35	NORM PLAG	24.27			DACITE
K2O	1.41	1.47	1.79	KP	0.00	JENSEN CALC-ALKALINE ANDERSONE						
SiO2	0.42	0.44	0.31	AC	0.00	Al	69.93	EC	18.62	MG	12.08	
P2O5	0.06	0.06	0.05	DI	0.00	COOR INDEX : 13.35						
MnO	0.03	0.03	0.03	DE	0.00	BAS-FIELD INDEX : 59.97						
S	0.00	0.00	0.00	EM	6.35							
NiO	0.00	0.00	0.00	ES	4.22							
CR2O3	0.00	0.00	0.00	EO	0.00							
CoO	0.00	0.00	0.00	EA	0.00							
P2O4	0.00	0.00	0.00	WO	0.00							
+2O-	0.00	0.00	0.00	LV	0.00							
LOI	4.02	0.00	0.00	VT	2.16							
TOTAL	96.0	100.00	100.00	IL	0.63							
				CR	0.00							
				FM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.57							
				CPX	0.00							
				ABA	13.99							

TRACE ELEMENTS (P.P.M.) AL, RE, ZR, Y, TR, Nb, Rb, Sr, G (P.P.P.)

BA 343.00:CO 20.00:ZA 45.00:NI 20.00:KR 69.00:SR 200.00:Y 20.00:ZR 51.00:NR 20.00:

COMMENTS :

REPORT #2000

SAMPLE NO # VAL4244

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 2147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : MET/COMINCO OPTCON
 GRID COORDINATES : E : 294815.0 N : 5690629.0 EL : 1170.0

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	56.67	61.94	58.73	Si	18.57	NA2O+K2O	4.89	SiO2	61.94	SUBALKALINE		
Al2O3	16.34	17.86	19.76	Al	0.70	Ca	16.78	Na2O	25.14	Ca*	59.04	SUBALKALINE
Fe2O3	5.97	2.13	2.51	OR	14.94	CPX	0.00	Di	0.00	CPX	100.00	SUBALKALINE
FeO	0.00	0.00	0.00	AR	21.78							
CaO	5.41	5.91	5.95	AN	29.30							
MgO	2.46	2.69	3.76	LC	0.00							
Na2O	2.19	2.30	4.36	NZ	0.00	A	36.34	F	43.67	X	20.00	TOTALITIC
K2O	2.28	2.49	2.99	K2	0.00	Al2O3	17.86	NORM	PLAG	57.36		CALC-ALKALINE
CaO2	0.45	0.49	0.35	AC	0.00	AN	44.38	ABA	32.99	OR	22.63	K-RICH SERIES
P2O5	0.06	0.07	0.03	GE	0.00	Ca	14.50	NORM	PLAG	57.36		BASALT
MnO	0.06	0.07	0.05	FE	0.00							
S	0.00	0.00	0.00	BN	7.52							
NiO	0.00	0.00	0.00	ES	4.11							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LV	0.00							
LOI	0.22	0.00	0.00	NT	2.26							
TOTAL	91.49	100.00	100.00	IL	0.69							
				CR	0.00							
				AM	0.00							
				AP	0.14							
				PG	0.00							
				NS	0.00							
				XS	0.00							
				RJ	0.00							
				AG	0.00							
				DL	0.00							
				DPX	11.63							
				CPX	0.00							
				ABA	21.78							

WENSEN CALC-ALKALINE ANDESITE
 AL 69.26 FK 17.56 MG 13.18

COLOR INDEX : 14.59
 IASDI PHOTO INDEX : 38.41

TRACE ELEMENTS (P.P.M.) AL, RE, PC, PD, CR, OS, RP, RU, -G (P.P.B.)

BA 882.00:BA 20.00:BA 58.00:BA 20.00:BA 85.00:BA 191.00:Y 20.00:BA 66.00:BA 20.00:

COMMENTS : STRONGLY SILICEOUS, STRONGLY CHLORITIC ESPECIALLY AS REMS ON Ca CARBONATE.

==== F A I R C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:07:45

SAMPLE ID # VAL4245

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 ID#NS-IP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1047
 LOT : 0 CONCRETION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 294660.0 N : 5691504.0 EL : 1100.0
 PROJECT : 827/COXINGO GEOSION

FIELD NAME : VOLCANICLASSIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASTIVE, SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 60% PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : CHHINCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION X	WORMS	CLASSIFICATIONS AND INDICES
SiO2	48.70	54.61	51.73	0	NA2O+K2O 6.73 SF82 54.61 SUBALKALINE
Al2O3	20.12	22.79	25.14	5	
Fe2O3	7.20	2.53	7.81	0X	CL 24.19 NFA 15.24 GA 60.57 SUBALKALINE
FeO	0.00	4.90	3.95	AB	DPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
CaO	6.06	6.80	6.90	AK	A 42.31 F 50.00 M 7.50 TIOLETTIC
MgO	0.98	1.10	1.55	CC	AL2O3 22.79 NORM PLAS 84.06 CALC-ALKALINE
Na2O	0.62	0.70	1.20	NE	AK 46.15 ABA 8.75 OR 45.10 K-RICH SERIES
K2O	4.85	5.44	6.52	CP	CF 12.03 NORM PLAS 84.06 BASALT
TiO2	0.76	0.85	0.61	AC	JENSEN TIOLETTIC R-YOLITE
P2O5	0.11	0.12	0.10	SE	AL 76.33 ER 19.23 SG 4.64
MnO	0.07	0.08	0.06	DE	COLOR INDEX : 12.03
S	0.00	0.00	0.00	EA	ASH/FYLD INDEX : 46.60
NiO	0.00	0.00	0.00	FA	
Cr2O3	0.00	0.00	0.00	GU	
CO2	0.00	0.00	0.00	LV	
P2O5+	0.00	0.00	0.00	MT	
-2O-	0.00	0.00	0.00	TC	
LOI	8.85	0.00	0.00	CR	
TOTAL	89.18	100.00	100.00	CP	
				AP	
				PS	
				NS	
				KS	
				RJ	
				AG	
				OL	
				OPX	
				CPX	
				ABA	

TRACE ELEMENTS (P.P.M.) AJ, BR, PC, PA, CR, OS, R, RU, -G (P.P.B.)

BA 2443.00:CL 20.00:PA 275.00:VA 20.00:RB 166.00:SR 284.00:Y 20.00:ZZ 134.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VAL4246

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 18
 SAMPLE TYPE :

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONcession : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : PROJECT : BET/COMBINED OPTION
 0.0 N : 0.0 E : 0.0

FIELD NAME : OTHER
 FINAL NAME :
 ALTERATION :
 METAMORPHISM :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-??-??
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	71.06	71.59	67.27	Q	31.00	NA2O+K2O	7.41	SiO2	71.59	SUBALKALINE		
Al2O3	14.56	14.67	16.25	C	3.07	OLA	3.39	NaA	27.53	OR	69.11	SUBALKALINE
Fe2O3	3.49	3.94	1.37	OR	25.57	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.41	1.11	AB	28.63	A	64.70	F	27.64	K	7.66	CALC-ALKALINE
CaO	1.39	1.40	1.43	AN	5.85	AL2O3	14.67	NORM PLAG	16.95			CALC-ALKALINE
MgO	0.87	0.88	1.23	LC	0.00	AN	9.73	ARA	47.68	OR	42.59	(-RICH) SERIES
Na2O	3.12	3.14	5.70	NE	0.00	CA	5.49	NORM PLAG	16.95			DACITE
K2O	4.23	4.26	5.11	XP	0.00	JENSEN		CALC-ALKALINE	DACITE			
TiO2	0.43	0.43	0.31	AC	0.00	AL	79.91	FR	14.05	KE	6.04	
P2O5	0.10	0.10	0.14	DI	0.00	COLOR INDEX :		5.49				
MnO	0.08	0.08	0.06	FE	0.00	WASHINGTON INDEX :		53.07				
S	0.00	0.00	0.00	EN	2.45							
NiO	0.00	0.00	0.00	ES	0.36							
Cr2O3	0.00	0.00	0.00	SO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00							
PbO	0.00	0.00	0.00	LN	0.00							
LiO	0.71	0.00	0.00	MT	2.06							
TOTAL	99.25	100.00	100.00	IL	0.61							
				CR	0.00							
				-M	0.00							
				AP	0.39							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.82							
				CPX	0.00							
				ARA	28.63							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, IR, OS, R, Rb, G (P.P.B.)

BA 597.00:CO 20.00:ZN 63.00:AL 20.00:KR 170.00:SR 132.00:Y 25.00:ZR 150.00:PK 20.00:

COMMENTS : 80% STANDARD GE-A

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE NO : VAL4247

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TENANCY :
 NIS : 002M05
 JTM ZONE : 21
 SAMPLE TYPE : DRILL SOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 PL : 929.0
 00- : BET78-3 START DEPTH : 10.00 END DEPT : 13.00

PROJECT # 2247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMMON OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, MODERATE.
 MINERALIZATION : STRONGERS, 1-5X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		WGT%	CLASSIFICATIONS AND INDICES						
SiO2	60.88	66.95	63.75	Q	31.39	NA2O+K2O	4.75	SiO2	66.95	SUBALKALINE		
Al2O3	14.60	16.06	18.02	C	3.05							
FeO	5.11	2.07	1.48	OX	22.17	Or	13.83	Na	17.03	Or	75.14	SUBALKALINE
Fe2O3	0.00	3.20	2.55	AB	9.14							
CaO	3.90	4.29	4.38	AN	21.43	CPX	0.00	Or	0.00	OPX	100.00	SUBALKALINE
MgO	1.92	2.11	3.00	IC	0.00							
Na2O	0.90	0.99	1.83	NR	0.00	A	39.86	B	42.42	K	17.72	TROILITIC
K2O	1.42	3.74	4.57	IP	0.00							
CaF2	0.30	0.42	0.30	AC	0.00	Al2O3	16.06	WGT% PLAG	70.12			TROILITIC
P2O5	0.06	0.07	0.05	DT	0.00							
MnO	0.09	0.10	0.08	BE	0.00	AN	40.13	AN*	17.09	OR	42.79	K-RICH SERIES
S	0.00	0.00	0.00	EN	5.99							
NiO	0.00	0.00	0.00	ES	3.17	Or	11.90	WGT% PLAG	70.12			BASALT
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
-33+	0.00	0.00	0.00	WO	0.00	JENSEN CALC-ALKALINE DACITE						
-20-	0.00	0.00	0.00	LN	0.00	AL	70.88	FE	17.33	H6	11.79	
Li2O	6.70	0.00	0.00	NE	2.22							
				IL	0.60							
TOTAL	90.94	100.00	100.00	CR	0.00	COLOR INDEX :	11.98					
				HK	0.00	WASIKOTO INDEX :	52.66					
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				QL	0.00							
				IPX	9.16							
				CPX	0.00							
				ABA	9.14							

CRACK ANALYSIS (P.P.B.) AL, RE, PO, PD, CR, OS, Z-, RJ, -G (P.P.B.)

BA 512.00:EU 20.00:ZK 139.00:NI 20.00:KE 91.00:GR 91.00:Y 20.00:ZZ 84.00:VS 20.00:

COMMENTS : IRON CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
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SAMPLE ID # VAL4248

WEDGE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-150 FIELD NUMBER : PROJECT # 2247
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 082M05 PROJECT : BET/COMENCO OPTION
 UTM ZONE : 11 GRID COORDINATES : E : 0.0 N : 0.0 EL : 929.0
 SAMPLE TYPE : DRILL HOLE DDH : B0728-3 START DEPTH : 23.00 END DEPTH : 26.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRIC.
 FINAL NAME :
 ALTERATION : PERVASIVE SILICIFICATION, STRONG.
 MINERALIZATION : GREENBERG, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL DATE : 22-SEP-90 ANALYTICAL
 ANALYZED BY : COMENCO DATE : 25-OCT-90 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES	
SiO2	57.10	63.83	59.85	Q	17.37	NA2O+K2O	6.17
Al2O3	14.41	15.95	17.62	Q	0.00	SiO2	63.83
Fe2O3	5.75	2.05	3.45	OR	18.12	OLA	9.04
FeO	0.00	0.87	3.03	AB	28.61	NE*	32.83
CaO	5.17	5.71	5.74	AN	20.70	GA*	59.13
MgO	1.62	1.79	2.50	AN	0.00	CPX	48.93
Na2O	2.85	3.15	5.72	LC	0.00	DL	0.00
K2O	2.74	3.03	3.62	NE	0.00	A	45.14
TiO2	0.36	0.40	0.20	KE	0.00	E	41.70
P2O5	0.06	0.07	0.05	KP	0.00	B	13.09
MnO	0.15	0.17	0.13	AC	0.00	AL2O3	15.95
S	0.00	0.00	0.00	DT	3.24	NORM FLAG	41.98
NiO	0.00	0.00	0.00	TK	2.80	AN	30.70
CR2O3	0.00	0.00	0.00	BN	3.38	ABA*	42.43
CO2	0.00	0.00	0.00	ES	2.92	OR	26.87
P2O4	0.00	0.00	0.00	FO	0.00	DL	15.07
-2O-	0.00	0.00	0.00	FA	0.00	NORM FLAG	41.98
LOI	7.33	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE
TOTAL	90.55	100.00	100.00	LN	0.00	AL	70.45
				MT	2.17	FE	19.56
				SL	0.56	Mg	9.99
				OR	0.00	COLOR INDEX : 15.07	
				FM	0.00	AG INDEX : 35.22	
				AP	0.14		
				PG	0.00		
				NS	0.00		
				KS	0.00		
				RJ	0.00		
				AG	0.00		
				OL	0.00		
				OPX	6.30		
				CPX	6.03		
				AB*	20.61		

TRACE ELEMENTS (P.P.B.) AL, RE, ZN, CO, CR, Ni, R, Rb, Sr (P.P.B.)

BA 309.00:CL 20.00:ZN 67.00:NI 20.00:RB 94.00:SR 106.00:Y 20.00:ZR 97.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
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SAMPLE ID : VAI4249

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DTM : BET78-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 32.70
 END DEPTH : 35.70

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLO, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.04	65.56	61.39	C 19.57	NA2OK20 6.52 SiO2 65.56 SUBALKALINE
Al2O3	15.07	16.19	17.86	C 0.00	
Fe2O3	5.59	2.00	1.43	OR 17.28	NA 8.36 NA 33.49 NA 58.15 SUBALKALINE
P2O5	0.00	0.53	2.00	AS 32.95	
CaO	4.00	4.30	4.31	AN 19.55	CPX 16.09 OL 0.00 OPX 83.91 SUBALKALINE
MgO	1.15	1.24	1.72	LC 0.00	
Na2O	3.30	3.63	6.59	NE 0.00	A 49.55 F 41.06 M 9.09 FICLATIC
K2O	2.69	2.89	3.46	CP 0.00	
SiO2	0.39	0.42	0.29	AG 0.00	AL2O3 16.19 NORM PLAG 37.23 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DE 0.60	
MnO	0.01	0.12	0.09	E 0.66	AN 28.02 ABA 47.23 OR 24.76 K-RICH SERIES
S	0.00	0.00	0.00	EN 3.15	
NiO	0.00	0.00	0.00	FS 3.44	CT 10.58 NORM PLAG 37.23 ANDESITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
P2O5	0.00	0.00	0.00	WI 0.00	JENSEN TOLMATIC R-YOLITE
P2O5	0.00	0.00	0.00	LN 0.00	AL 75.80 FE 19.08 MG 7.12
LDI	3.45	0.00	0.00	MT 2.15	
TOTAL	99.11	100.00	100.00	DL 0.59	COLOR INDEX : 10.58
				CR 0.00	ASHMGTD INDEX : 34.22
				FM 0.00	
				AP 0.14	
				PC 0.00	
				NS 0.00	
				KS 0.00	
				RS 0.00	
				AG 0.00	
				OL 0.00	
				OPX 6.58	
				CPX 1.26	
				ABA 32.95	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PU, TR, OS, Rf, Ru, G (P.P.B.)

BA 1451.00:CU 20.00:ZN 39.00:NB 20.00:KB 64.00:SR 190.00:Y 20.00:ZX 97.00:NR 20.00:

COMMENTS : CALCAREOUS, OFTEN AS PATCHES TO 5 MM

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:11:18

SAMPLE ID # VAL4250

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 929.0
 DBH : BAY20-3 START DEPTH : 60.63 END DEPTH : 63.63

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, 100% AT COMMENTS, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5% PYRRE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.59	66.18	62.11	6	NA2O+K2O 6.44 SiO2 66.18 SUBALKALINE
Al2O3	16.00	16.92	18.71	C	
Fe2O3	4.69	2.01	1.42	GR	07A 7.38 NFA 29.52 GA 63.10 SUBALKALINE
FeO	0.00	2.65	2.08	AB	
CaO	3.23	4.07	4.09	AN	CPX 0.00 CL 0.00 QPX 100.00 SUBALKALINE
MgO	1.04	1.10	1.54	CC	
Na2O	2.83	2.99	5.44	KE	A 53.66 F 37.18 M 9.16 TRAGBATIC
K2O	3.26	3.43	4.13	KP	
TiO2	0.40	0.42	0.30	AC	Al2O3 16.92 NORM PLAG 42.33 CALC-ALKALINE
P2O5	0.07	0.07	0.06	BT	
MnO	0.13	0.14	0.11	BR	AN 29.44 ABA 40.12 OR 30.44 K-RIC SERIES
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	ES	CL 6.17 NORM PLAG 42.33 ANORTITE
Cr2O3	0.00	0.00	0.00	ER	
CO2	0.00	0.00	0.00	EA	
F2O4	0.00	0.00	0.00	WO	JENSEN CALC-ALKALINE DACHSE
F2O7	0.00	0.00	0.00	LV	AL 77.45 FO 16.18 MG 6.37
Li2O	3.93	0.00	0.00	YE	
TOTAL	94.90	100.00	100.00	XL	
				ER	COLOR INDEX : 8.17
				FK	FA8-IMGT0 INDEX : 39.16
				AP	
				PI	
				NS	
				KS	
				RU	
				AG	
				OL	
				OPX	
				CPX	
				AB*	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, ZN, BR, OS, RO, R, G (P.P.B.)

BA 1249.00:CI 20.00:ZK 25.00:ND 20.00:RB 93.00:GR 146.00:Y 20.00:ZR 83.00:VB 20.00:

COMMENTS : CALCAREOUS, DETEX AS PATCHES TO SYM

==== F A I R B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:12:01

SAMPLE ID # VAI4251

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 294949.0 N : 5691170.0 EL : 1060.0

FIELD NAME : VOLCANOCLASTIC, INTERMEDIATE, ASH. LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, WEAK.
 GENERALIZATION : NEEL LEVEL.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 19-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS OXIDE %		NORSS	CLASSIFICATIONS AND INDICES						
SiO2	56.08	59.69	54.46	G	6.44	NA2O+K2O	8.12	SiO2	59.69	ALKALINE		
Al2O3	19.01	20.23	21.76	C	5.84	Ca	15.20	Na	39.20	Ca	45.50	SUBALKALINE
Fe2O3	4.67	2.18	1.50	OR	22.08	OPX	0.00	CL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.45	1.87	AB	38.31	A	49.75	E	27.04	K	29.21	CALC-ALKALINE
CaO	2.32	2.47	2.41	AN	9.60	Al2O3	20.23	NORM	PLAG	20.00		CALC-ALKALINE
MgO	3.56	3.79	5.15	LC	0.00	AN	13.73	Al	54.74	OR	31.54	SODIC
Na2O	4.07	4.38	7.66	NE	0.00	BT	14.94	NORM	PLAG	20.00		MUGEARITE
K2O	3.56	3.79	4.42	XP	0.00							
TiO2	0.53	0.59	0.40	AC	0.00	JENSEN CALC-ALKALINE DACTITE						
P2O5	0.36	0.39	0.30	DE	0.00	Al	70.75	Fe	12.50	K	16.75	
MnO	0.09	0.10	0.07	E	0.00	COLOR INDEX : 14.94						
S	0.00	0.00	0.00	ZA	10.30	WASHBURN INDEX : 52.70						
NiO	0.00	0.00	0.00	FC	1.59							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
+20+	0.00	0.00	0.00	WO	0.00							
+20-	0.00	0.00	0.00	LK	0.00							
LOT	3.02	0.00	0.00	MT	2.25							
				IL	0.80							
TOTAL	93.95	100.00	100.00	Cr	0.00							
				HM	0.00							
				AP	0.79							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	11.89							
				CPX	0.00							
				ABA	38.31							

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, BR, OS, R, ZN, AG (P.P.B.)

BA 1866.00:CA 20.00:ZK 76.00:VZ 20.00:RR 145.00:SR 454.00:Y 47.00:ZK 580.00:ND 35.00:

COMMENTS : WEAKLY SERICITIZED
 UNID. POSSIBLY REICIT

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:12:44

SAMPLE ID # VAL4352

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295143.0 N : 5692322.0 EL : 1140.0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS⁺, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : D McALCORN
 ANALYZED BY : DOMINCO

DATE : 09-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	56.15	59.27	53.80	Q	7.89	NA2O+K2O	6.63	SiO2	59.27	SUBALKALINE		
Al2O3	18.29	19.31	20.66	C	6.96	Or	19.52	NEA	38.29	Or	42.20	SUBALKALINE
Fe2O3	7.56	2.13	1.46	OR	5.87	CPX	0.00	OL	0.00	CPX	100.00	SUBALKALINE
FeO	0.00	3.26	3.99	AB	49.51	A	34.72	F	37.60	H	27.69	TROBILITIC
CaO	1.36	1.44	1.40	AN	6.58	AL2O3	19.31	WORM	PLAG	10.72		CALC-ALKALINE
MgO	5.01	5.29	7.15	LE	0.00	AN	10.62	ABA	79.99	OR	9.39	AVERAGE SERIES
Na2O	5.23	5.63	9.90	NE	0.00	Or		23.12	WORM	PLAG	11.72	ANDESITE
K2O	0.95	1.00	1.16	XP	0.00	AL	61.32	TR	17.44	MG	21.24	
TiO2	0.52	0.55	0.37	AC	0.00	COLOUR INDEX :		23.12				
P2O5	0.06	0.06	0.05	DT	0.00	BASE ROCK INDEX :		47.11				
MnO	0.06	0.06	0.05	BR	0.00							
S	0.00	0.00	0.00	BN	14.31							
NiO	0.00	0.00	0.00	BS	5.88							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOT	4.36	0.00	0.00	MT	2.18							
TOTAL	94.73	100.00	100.00	ML	0.75							
				DR	0.00							
				PK	0.00							
				AP	0.13							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RS	0.00							
				AG	0.00							
				OL	0.00							
				QPX	20.19							
				CPX	0.00							
				ABA	49.51							

TRACE ELEMENTS (P.P.M.) Au, RE, PT, PD, IR, OS, R, Ru, G (P.P.B.)

BA 1236.00:CL 20.00:ZK 54.00:NT 20.00:RH 34.00:SR 224.00:Y 20.00:ZR 95.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:13:27

SAMPLE ID : VAL4253

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-150
 TOWNSHIP :
 NTS : 032405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONGRESSION :
 GRID COORDINATES : E :
 UTM : 9ET79-S

PROJECT # 2247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 START DEPTH : 74.37
 END DEPTH : 77.37

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLA, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, K₂O, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.47	67.70	63.04	Q 33.87	NA2O+K2O 7.09 SiO2 67.70 SUBALKALINE
Al2O3	16.34	17.17	18.05	C 3.47	
Fe2O3	3.89	2.02	1.41	OR 19.63	Ca 5.00 Na 33.07 Na 61.84 SUBALKALINE
FeO	0.00	1.36	1.45	AB 34.53	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
CaO	2.25	2.36	2.36	AN 23.38	A 59.47 T 30.20 X 9.62 T-DIABTIC
MgO	1.12	1.18	1.63	LC 0.00	AL2O3 17.17 NORM PLAG 24.79 CALC-ALKALINE
Na2O	3.64	3.83	6.91	NE 0.00	AN 17.37 ABA 52.69 OR 29.94 X-RAY SERIES
K2O	3.11	3.30	3.93	KP 0.00	Ca 6.99 NORM PLAG 24.79 DACITE
TiO2	0.42	0.44	0.51	AC 0.00	
P2O5	0.06	0.06	0.06	DT 0.00	
MnO	0.07	0.07	0.06	BE 0.00	
S	0.00	0.00	0.00	ZN 3.27	
NiO	0.00	0.00	0.00	ES 0.99	
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WH 0.00	JENSEN CALC-ALKALINE DACITE
-H2O-	0.00	0.00	0.00	LN 0.00	Al 79.48 BE 13.63 Mg 6.89
LOI	3.94	0.00	0.00	MT 2.12	
TOTAL	95.21	100.00	100.00	IL 0.62	COLOR INDEX : 6.99 WASHINGTON INDEX : 41.97
				CR 0.00	
				PK 0.00	
				AP 0.13	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 4.25	
				CPX 0.00	
				ABA 34.53	

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, CR, OS, R, RU, PB (P.P.B.)

BA 11.77:00:CU 20.00:ZN 28.00:NI 20.00:RB 91.00:SR 128.00:Y 20.00:ZR 92.00:VR 20.00:

COMMENTS : IRON CARBONATE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:14:09

SAMPLE ID : VAL4254

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 33
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DOI : BCTV8-9

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTCON
 0.0 N : 0.0 E : 929.0
 START DEPTH : 88.07 END DEPTH : 86.37

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, QUARTZ PORPHYRYTIC, MAFIC PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK
 MINERALIZATION : DISSEMINATED AND BLESS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.08	69.06	64.85	Q 29.60	NA2O+K2O 6.10 SiO2 69.06 SUBALKALINE
Al2O3	15.58	16.28	18.02	C 4.17	
Fe2O3	4.54	4.98	5.40	OR 17.17	OLA 6.35 ABA 27.40 QA 66.24 SUBALKALINE
FeO	0.00	2.49	1.96	AB 29.49	
CaO	2.23	2.33	2.34	AN 11.31	CPX 0.00 CL 0.00 OPX 100.00 SUBALKALINE
MgO	1.17	1.22	1.71	LC 0.00	
Na2O	3.10	3.24	5.90	NE 0.00	A 52.64 F 36.82 X 10.55 FROSTIC
K2O	2.74	2.86	3.43	KP 0.00	
TiO2	0.39	0.41	0.29	AC 0.00	AL2O3 16.28 NORM PLAG 27.72 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DT 0.00	
MnO	0.06	0.06	0.05	KE 0.00	AN 19.51 ABA 50.87 DR 29.62 K-RYD SERIES
S	0.00	0.00	0.00	EN 3.42	
NiO	0.00	0.00	0.00	FS 2.04	CF 8.13 NORM PLAG 27.72 BACITE
CR2O3	0.00	0.00	0.00	FI 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
P2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BACITE
-2O-	0.00	0.00	0.00	LN 0.00	AL 76.94 PE 15.76 KE 7.31
LOI	3.51	0.00	0.00	MT 2.09	
TOTAL	95.68	100.00	100.00	IL 0.53	COLOR INDEX : 8.13
				CR 0.00	WASHINGTON INDEX : 42.32
				RM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RI 0.00	
				AG 0.00	
				DL 0.00	
				DPX 5.46	
				CPX 0.00	
				ABA 29.49	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, TR, OS, R, RU, G (P.P.B.)

BA 1457.00:CU 20.00:ZN 27.00:NI 20.00:RR 85.00:SR 105.00:Y 20.00:ZR 92.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:14:53

SAMPLE ID # VAL4255

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-150
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL CORE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DD# : BE178-3

PROJECT # 1047
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEZ/COMENCO OPTION
 START DEPTH : 95.54
 END DEPTH : 96.86

FIELD NAME : VOLCANIC CLASTIC, FELSIC, AS+, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRONBERG, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CAPTON %	NORMS	CLASSIFICATIONS AND INDICES	
SiO2	61.69	66.05	62.59	6	27.49	NA2O+K2O 5.46 SiO2 66.05 SUBALKALINE
Al2O3	15.85	16.97	18.95	0	3.20	
Fe2O3	5.58	2.03	3.45	0R	21.57	OJA 10.75 NFA 19.93 GA 69.32 SUBALKALINE
FeO	0.00	3.55	2.01	AB	17.41	
CaO	3.72	4.00	4.07	AN	19.90	CPX 0.00 CA 0.00 OPX 100.00 SUBALKALINE
MgO	1.25	1.34	1.39	LC	0.00	
Na2O	1.77	1.90	2.48	NE	0.00	A 44.85 F 44.86 M 10.99 THOLEIITIC
K2O	3.33	3.57	4.31	KP	0.00	
TiO2	0.40	0.43	0.33	AC	0.00	AL2O3 16.97 NORM PLAG 53.34 CALC-AL KALINE
P2O5	0.06	0.06	0.03	BT	0.00	
MnO	0.10	0.11	0.09	TE	0.00	AN 33.80 ANA 29.56 OR 36.64 K-RICH SERIES
S	0.00	0.00	0.00	EN	3.78	
AsO	0.00	0.00	0.00	EG	3.73	CO 10.30 NORM PLAG 53.34 ANDESITE
Cr2O3	0.00	0.00	0.00	EM	0.00	
CO2	0.00	0.00	0.00	EA	0.00	
F2O+	0.00	0.00	0.00	WD	0.00	JENSEN THOLEIITIC R-YOLITE
F2O-	0.00	0.00	0.00	LV	0.00	AL 74.34 FE 18.24 RB 7.41
LOI	4.03	0.00	0.00	XT	2.18	
TOTAL	98.40	100.00	100.00	TL	0.61	COLOR INDEX : 10.30
				CR	0.00	WASHINGTON INDEX : 45.39
				TK	0.00	
				AP	0.14	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RJ	0.00	
				AG	0.00	
				DL	0.00	
				OPX	7.51	
				CPX	0.00	
				AB*	17.41	

TRACE ELEMENTS (P.P.M.) AJ, RE, PT, PO, IR, OS, R-, RU, -G (P.P.B.)

BA 509.00:CU 20.00:ZN 28.00:AC 20.00:NR 94.00:ER 114.00:Y 20.00:ZR 97.00:NR 20.00:

COMMENTS : VERY STRONGLY CALCAREOUS

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:15:35

SAMPLE ID # VAL4256

W H O L E R O C K G E O C H E M I C A L A N A L Y S I S

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 092N05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 929.0
 BOX : BGT7H-3 START DEPTH : 96.86 END DEPTH : 99.86

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, QUARTZ PORPHYRITIC, MAEIC PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRINGERS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CAPTON %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.62	67.94	64.35	R	31.15	KA20+K20	5.03	SiO2	67.94	SUBALKALINE		
Al2O3	15.52	16.57	18.50	C	2.00							
Fe2O3	3.75	2.00	3.45	OR	20.09	OLA	7.00	NEA	10.22	QA	74.78	SUBALKALINE
FeO	0.00	1.73	1.41	AB	15.69							
CaO	4.38	4.68	4.75	AN	23.31	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	1.29	1.49	1.94	LC	0.00							
Na2O	1.60	1.71	3.24	NA	0.00	A	50.24	F	35.99	M	13.76	THOLEIITIC
K2O	3.11	3.32	4.03	KP	0.00							
SiO2	0.40	0.43	0.30	AC	0.00	AL2O3	16.57	NORM	PLAG	59.77	THOLEIITIC	
P2O5	0.06	0.06	0.05	DC	0.00							
Y2O3	0.10	0.10	0.09	YF	0.00	AN	39.45	ABA	26.55	GR	34.00	(-RICH) SERIES
S	0.00	0.00	0.00	EN	3.89							
MnO	0.00	0.00	0.00	EO	0.93	OT	7.60	NORM	PLAG	59.77	ANDESITE	
Cr2O3	0.00	0.00	0.00	ED	0.00							
CoO	0.00	0.00	0.00	EA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE DACKITE					
NiO	0.00	0.00	0.00	LN	0.00	AL	70.30	FE	13.69	MG	8.21	
LOI	5.73	0.00	0.00	MT	2.17							
TOTAL	93.64	100.00	100.00	IL	0.61	COLOR INDEX :	7.60					
				OR	0.00	WASHINGTON INDEX :	42.39					
				RM	0.00							
				AP	0.14							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				DL	0.00							
				DPX	4.82							
				CPX	0.00							
				ABA	15.69							

TRACE ELEMENTS (P.P.B.) AL, RE, SC, PB, CR, OS, R, F, RU, HG (P.P.B.)

BA 732.00:EL 20.00:TA 20.00:KI 20.00:RP 83.00:SR 115.00:Y 20.00:ZR 167.00:NB 20.00:

COMMENTS : VERY STRONGLY CALCAREOUS

==== FAIRCLIFF LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:16:19

SAMPLE ID # VAL4257

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 002N05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DD : 28778-0

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 E : 0.0 N : 0.0 EL : 929.0
 START DEPTH : 100.97 END DEPTH : 103.97

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : SERPENTINES, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C. JOHNSON
 ANALYZED BY : COMENCO

DATE : 23-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS WT %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	55.28	63.15	59.97	Q 23.49	NA20+K20 4.07 SiO2 63.15 SUBALKALINE
Al2O3	13.11	14.99	16.71	C 0.00	
Fe2O3	4.37	2.08	2.49	GR 22.67	OLA 15.63 NEA 5.46 GA 73.90 SUBALKALINE
FeO	0.00	2.62	2.08	AB 1.05	
CaO	7.61	8.70	8.85	AN 21.08	CPX 62.89 UL 0.00 GPX 37.11 ALKALINE
MgO	3.14	3.59	5.08	LC 0.00	
Na2O	0.29	0.33	0.61	NE 0.00	A 33.48 F 36.98 M 29.53 TRIOLETTIC
K2O	3.27	3.74	4.53	KP 0.00	
TiO2	0.32	0.37	0.26	AD 0.00	AL2O3 14.99 NORM PLAG 90.50 TRIOLETTIC
P2O5	0.05	0.06	0.05	DT 9.32	
MnO	0.33	0.37	0.29	FE 2.52	AN 53.06 ANA 5.57 OR 42.37 Y-RICH SERIES
S	0.00	0.00	0.00	BN 3.50	
NiO	0.00	0.00	0.00	PS 1.49	OX 21.58 NORM PLAG 90.50 BASALT
Cr2O3	0.00	0.00	0.00	TD 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
P2O5	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O+	0.00	0.00	0.00	LV 0.00	AL 64.57 FE 15.88 MG 19.55
H2O-	0.00	0.00	0.00	NE 2.23	
LOI	1.27	0.00	0.00	IL 0.52	COLOR INDEX : 21.58
TOTAL	117.43	100.00	100.00	CR 0.00	WASHIMOTO INDEX : 44.79
				HM 0.00	
				AP 0.12	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				GPX 6.99	
				CPX 11.84	
				ABA 3.05	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RI, RU, SB (P.P.B.)

BA 567.00:EL 20.00:ZN 20.00:NI 20.00:KB 77.00:SR 159.00:Y 20.00:ZR 95.00:WB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:17:01

SAMPLE ID # VAL4258

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 UTM : BETV9-3

PROJECT # 2147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMNCO OPTION
 START DEPTH : 113.05
 END DEPTH : 116.05

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, QUARTZ PORPHYRIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, WEAK.
 MINERALIZATION : STRONGERS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMNCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	WORKS	CLASSIFICATIONS AND INDICES	
SiO2	62.47	68.71	65.69	6	35.76	NA20+K20 4.00 SiO2 68.71 SUBALKALINE
Al2O3	13.46	14.84	16.69	0	1.47	
Fe2O3	3.90	2.01	2.05	DR	23.17	CLX 14.92 NSA 2.47 GA 62.61 SUBALKALINE
FeO	0.00	2.13	1.70	AB	1.94	
CaO	4.60	5.06	5.18	AN	25.47	CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	2.45	2.69	3.84	LS	0.00	
Na2O	0.19	0.21	0.39	NR	0.00	A 37.64 37.08 M 25.33 THOLEIITIC
K2O	3.45	3.79	4.63	KP	0.00	AL2O3 14.81 NORM PLAG 92.93 THOLEIITIC
TiO2	0.33	0.36	0.26	AG	0.00	
P2O5	0.06	0.07	0.05	DE	0.00	
MnO	0.14	0.15	0.12	FE	0.00	AN 50.36 ASA 3.82 OR 45.81 K-RICH SERIES
S	0.00	0.00	0.00	EN	7.68	
NiO	0.00	0.00	0.00	FS	1.68	CF 12.05 NORM PLAG 92.93 BASALT
CR2O3	0.00	0.00	0.00	FO	0.00	
CO2	0.00	0.00	0.00	FA	0.00	
-Zn-	0.00	0.00	0.00	WD	0.00	JENSEN DALC-ALKALINE ANDESITES
-20-	0.00	0.00	0.00	LK	0.00	AL 69.35 FE 14.69 MG 15.96
LOT	0.33	0.00	0.00	MT	2.17	
TOTAL	90.91	100.00	100.00	TL	0.52	COLOR INDEX : 12.05
				CR	0.00	WASHINGTON INDEX : 55.19
				Y	0.00	
				AP	0.14	
				PD	0.00	
				NS	0.00	
				KS	0.00	
				RI	0.00	
				AB	0.00	
				OL	0.00	
				OPX	9.36	
				CPX	0.00	
				ABA	1.94	

TRADE ELEMENTS (P.P.M.) AS, RE, PT, PD, FR, SS, RH, RJ, G (P.P.P.)

BA 432.00:CL 20.00:ZN 47.00:NI 30.00:RH 107.00:SK 107.00:Y 30.00:ZR 64.00:NR 20.00:

COMMENTS : CALCAREOUS

==== FAI CON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
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SAMPLE ID # VAL4259

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FXRLO NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 00 : 86798-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/CONMCO OPTION
 0.0 N : 0.0 E : 929.0
 START DEPTH : 120.20 END DEPTH : 123.20

FIELD NAME : VOLCANIC, ANDITIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRINGERS, ~5% PYRITE.
 FORMATION :

SAMPLED BY : G. RUSSELL
 ANALYZED BY : CONMCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.00	62.24	66.11	41.08	NA20+K20 3.60 ST02 68.24 SUBALKALINE
Al2O3	13.27	14.61	16.68	6.37	
Fe2O3	7.10	2.55	1.86	22.88	OLA 14.65 NEA 1.07 OA 84.08 SUBALKALINE
FeO	0.00	4.74	3.84	0.93	
CaO	2.64	2.91	3.02	13.87	CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	1.30	1.98	2.86	0.00	
Na2O	0.09	0.10	0.19	0.00	A 20.62 F 54.93 B 15.45 THOLEIITIC
K2O	3.36	3.70	4.58	0.00	AL2O3 14.67 NORM PLAG 93.72 THOLEIITIC
SiO2	0.82	0.90	0.66	0.00	
P2O5	0.16	0.18	0.11	0.00	
MnO	0.00	0.09	0.07	0.00	AN 36.82 ABA 2.47 OR 60.71 K-RICH SERIES
S	0.00	0.00	0.00	5.72	
NiO	0.00	0.00	0.00	4.65	OT 14.48 NORM PLAG 93.72 BASALT
CR2O3	0.00	0.00	0.00	0.00	
CO2	0.00	0.00	0.00	0.00	
-20+	0.00	0.00	0.00	0.00	JENSEN THOLEIITIC DACITE
-20-	0.00	0.00	0.00	0.00	AL 64.20 FE 24.78 MG 11.01
LOI	7.35	0.00	0.00	2.79	
TOTAL	90.00	100.00	100.00	1.32	COLOR INDEX : 14.48 WASHMOTO INDEX : 65.40
				CR 0.00	
				FM 0.00	
				AP 0.35	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				DL 0.00	
				OPX 10.33	
				CPX 0.00	
				AB* 0.93	

TRACE ELEMENTS (P.P.M.) AS, RS, ZN, PU, CR, DS, RE, RU, W (P.P.B.)

BA 506.00:CU 405.00:ZN 1100.00:NY 20.00:RR 101.00:SR 107.00:Y 20.00:TR 123.00:NR 23.00:

COMMENTS : PROBABLE EX-ALCITE
 MODERATELY SODIUM-RICH WIT TALC

==== F A I C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:18:27

SAMPLE ID # VAL4260

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 33
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DD- : BE78-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 K : 0.0 RL : 929.0
 START DEPTH : 124.30 END DEPTH : 127.10

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : STRONBERS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	60.98	67.57	64.89	Q	33.20
Al2O3	13.33	14.77	16.59	C	1.00
Fe2O3	4.19	2.01	3.44	DR	23.98
FeO	0.00	2.37	1.89	AB	1.84
CaO	4.85	5.37	5.49	AM	27.06
MgO	3.18	3.32	5.00	LC	0.00
Na2O	0.18	0.20	0.37	NR	0.00
K2O	3.26	3.61	4.40	KR	0.00
TiO2	0.33	0.34	0.25	AC	0.00
P2O5	0.05	0.06	0.04	DT	0.00
MnO	0.16	0.18	0.14	FR	0.00
S	0.00	0.00	0.00	EN	10.01
NiO	0.00	0.00	0.00	ES	2.14
CR2O3	0.00	0.00	0.00	FD	0.00
CO2	0.00	0.00	0.00	FA	0.00
-20+	0.00	0.00	0.00	WO	0.00
-20-	0.00	0.00	0.00	LK	0.00
LOI	9.04	0.00	0.00	MT	2.16
TOTAL	90.25	100.00	100.00	IL	0.49
				CR	0.00
				FM	0.00
				AP	0.12
				PD	0.00
				NS	0.00
				XS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	12.15
				CPX	0.00
				ABA	1.84

CLASSIFICATIONS AND INDICES

NA2O/K2O	3.01	STOZ	67.57	SUBALKALINE		
OLA	19.33	NEA	2.34	GA	78.35	SUBALKALINE
CPX	0.00	PL	0.00	DPX	100.00	SUBALKALINE
A	33.11	F	36.29	M	30.61	THOLEIITIC
AL2O3	14.77	NORM	PLAG	93.63	THOLEIITIC	
AM	53.13	ANA	3.62	DR	43.20	(-RICH) SERIES
CI	14.80	NORM	PLAG	93.63	BASALT	

TENSEN CALC-ALKALINE ANDESITE
 AL 65.54 FR 14.69 MG 19.77

COLOR INDEX : 14.90
 WASHINGTON INDEX : 56.15

TRADE ELEMENTS (P.P.M.) AL, KR, OT, PD, FR, DS, RH, RU, S (P.P.B.)

BA 534.00:CL 61.00:ZN 58.00:V 20.00:KR 100.00:SR 156.00:Y 20.00:ZR 92.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:19:11

SAMPLE ID # VAL4262

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : ORILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVENCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 K : 0.0 EL : 929.0
 RBM : 86178-3 START DEPTH : 127.10 END DEPTH : 130.10

FIELD NAME : VOLCANICLASTIC, FELSTC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLSRS, 0.2% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.98	67.39	64.42	R	35.81	NA2O+K2O	2.82	SiO2	67.39	SUBALKALINE		
Al2O3	15.11	12.27	13.83	C	0.00							
Fe2O3	4.62	3.44	2.48	OR	13.56	OLA	18.26	NE*	6.07	QA	75.66	SUBALKALINE
FeO	0.00	1.49	1.19	AB	5.53							
CaO	5.02	5.54	5.68	AN	25.04	CPX	6.76	OL	0.00	OPX	93.24	SLBALKALINE
MgO	4.38	4.84	6.90	LC	0.00							
Na2O	0.54	0.60	1.22	NE	0.00	A	23.00	F	37.49	M	39.51	TRIOLETTIC
K2O	2.01	2.22	2.71	KP	0.00							
TiO2	1.62	1.79	1.29	AC	0.00	AL2O3	18.27	NORM	PLAG	81.91	TRIOLETTIC	
P2O5	0.29	0.32	0.26	DT	0.96							
MnO	0.15	0.17	0.13	FE	0.00	AN	56.74	ABA	12.53	OR	30.73	K-RICH SERIES
S	0.00	0.00	0.00	EN	13.31							
NiO	0.00	0.00	0.00	ES	0.00	CS	19.37	NORM	PLAG	81.91	BASALT	
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE	BASALT				
H2O-	0.00	0.00	0.00	LN	0.00	AL	53.57	FE	19.73	MG	26.70	
LOI	9.24	0.00	0.00	MT	0.12							
TOTAL	90.57	100.00	100.00	IL	2.57							
				ER	0.00	COLOR INDEX :	19.37					
				EM	2.40	WASHINGTON INDEX :	53.47					
				AP	0.69							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.31							
				CPX	0.96							
				ABA	5.53							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, ER, OS, RI, RZ, IG (P.P.B.)

BA 544.00:BU 405.00:ZN 123.00:NI 35.00:RB 60.00:SR 144.00:Y 20.00:ZR 188.00:NB 20.00:

COMMENTS : BEST COPY
 SERVICE. 6/11/90JS

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:19:53

SAMPLE ID : VAL4262

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 19
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 929.0
 DEM : 8678-3 START DEPTH : 152.70 END DEPTH : 155.70

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS4, MAFIC PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D RUSSELL
 ANALYZED BY : DOMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.71	67.60	62.60	Q	29.37	NA2O+K2O	5.01	SiO2	67.60	SUBALKALINE		
Al2O3	15.40	16.09	17.56	C	7.63	OLA	16.40	NEA	22.26	QA	61.35	SUBALKALINE
Fe2O3	3.96	2.13	1.49	OR	32.17	DPX	0.00	DI	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	1.80	1.40	AB	26.54	A	35.44	F	26.31	M	39.25	CALC-ALKALINE
CaO	1.15	1.20	1.19	AN	5.48	AL2O3	16.09	NORM	PLAG	17.12	CALC-ALKALINE	
MgO	5.18	5.41	7.47	LC	0.00	AN	12.40	ABA	60.06	OR	27.54	K-RICH SERIES
Na2O	2.83	2.96	5.30	AE	0.00	C3	18.66	NORM	PLAG	17.12	DACITE	
K2O	1.97	2.06	2.43	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.54	0.56	0.39	AC	0.00	AL	61.84	FE	11.85	H6	26.30	
P2O5	0.07	0.07	0.06	DT	0.00	COLOR INDEX :	18.66					
MnO	0.11	0.11	0.09	BE	0.00	ACIPOTS INDEX :	64.24					
S	0.00	0.00	0.00	EX	14.94							
NiO	0.00	0.00	0.00	ES	0.73							
Cr2O3	0.00	0.00	0.00	EO	0.00							
Co2	0.00	0.00	0.00	EA	0.00							
ZnO	0.00	0.00	0.00	WD	0.00							
P2O5	0.00	0.00	0.00	LN	0.00							
LOT	4.54	0.00	0.00	MT	2.23							
TOTAL	95.73	100.00	100.00	IL	0.79							
				CR	0.00							
				-M	0.00							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				DPX	15.64							
				CPX	0.00							
				ABA	26.54							

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, BR, OS, RP, RL, -R (P.P.P.)

BA 542.00:DU 259.00:ZN 254.00:V 20.00:RH 67.00:SR 79.00:Y 20.00:ZK 75.00:NR 20.00:

COMMENTS :

==== F A I C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:20:37

SAMPLE ID # VA14263

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 31
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DR : BET73-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPT : 159.85
 END DEPT : 162.85

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, BLOCK, BEDDED, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : STRINGERS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : D RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.58	67.52	68.71	40.18	NA2O+K2O 2.67 SF02 67.52 SUBALKALINE
Al2O3	12.66	13.35	14.73	9.92	
Fe2O3	6.41	6.38	2.40	5.80	OLA 20.00 NFA 12.30 RA 67.60 SUBALKALINE
FeO	0.00	2.99	2.36	15.60	
CaO	0.70	0.73	0.74	1.33	CPX 0.00 DL 0.00 DPX 100.00 SUBALKALINE
MgO	6.90	7.32	10.15	0.00	
Na2O	1.63	1.71	3.12	0.00	A 16.76 F 37.90 K 45.34 THOLEIITIC
K2O	0.92	0.96	1.16	0.00	
TiO2	1.73	1.81	1.28	0.00	Al2O3 13.25 NORM PLAG 7.85 CALC-ALKALINE
P2O5	0.34	0.36	0.23	0.00	
MnO	0.07	0.07	0.06	0.00	AN 5.85 ABA 68.63 OR 25.52 Y-RFC SERIES
S	0.00	0.00	0.00	20.30	
NiO	0.00	0.00	0.00	0.00	CO 26.41 NORM PLAG 7.85 ANDESITE
Cr2O3	0.00	0.00	0.00	0.00	
CoO	0.00	0.00	0.00	0.00	
As2O3	0.00	0.00	0.00	0.00	
As2O5	0.00	0.00	0.00	0.00	
LOI	4.16	0.00	0.00	3.41	
TOTAL	95.57	100.00	100.00		

JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
 AL 47.54 FE 19.70 ME 32.76

COLOR INDEX : 26.41
 BASICITY INDEX : 77.04

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS
IL				2.57
CR				0.00
HM				0.13
AP				0.76
PO				0.00
NS				0.00
XS				0.00
RU				0.00
AG				0.00
OL				0.00
QPX				20.30
CPX				0.00
ABA				15.60

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, TR, OS, RI, Rb, G (P.P.B.)

BA 347.00:CL 727.00:ZN 147.00:NI 34.00:SB 29.00:SR 40.00:Y 20.00:ZR 195.00:MO 20.00:

COMMENTS : POSS 100' DEPT HORIZON

REPORT #2000

PAGE 1
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 09:21:20

SAMPLE ID # VAL4264

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NIS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 004 : 38728-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/CONCORD OPTION
 START DEPTH : 163.55
 END DEPTH : 171.55

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, K2Z, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	65.00	67.39	62.83	G	30.96	NA2O+K2O	4.90	SiO2	67.39	SUBALKALINE		
Al2O3	15.73	16.13	17.94	C	8.85	DLA	16.30	Na*	27.08	Q*	62.62	SUBALKALINE
Fe2O3	3.73	2.10	1.46	OX	12.35	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.62	1.25	AB	25.22	A	35.25	P	25.22	M	39.53	CALC-ALKALINE
CaO	0.85	0.89	0.88	AN	3.93	AL2O3	16.43	NORM PLAG		13.47	CALC-ALKALINE	
MgO	5.26	5.49	7.58	LS	0.00	AN	9.46	ABA	60.77	OR	29.77	X-RICH SERIES
Na2O	2.60	2.81	5.04	NR	0.00	EN						
K2O	2.00	2.09	2.47	CP	0.00	FS						
TiO2	0.53	0.53	0.37	AC	0.00	CO	18.53	NORM PLAG		13.47	DACITE	
P2O5	0.07	0.07	0.06	BT	0.00	JENSEN CALC-ALKALINE ANDESITE						
MnO	0.01	0.06	0.07	TE	0.00	AL	62.56	FE	10.99	Mg	26.45	
S	0.00	0.00	0.00	EN	15.17	COLOR INDEX : 18.53						
NO2	0.00	0.00	0.00	FS	0.43	WASHINGTON INDEX : 67.22						
CR2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
Fe2O+	0.00	0.00	0.00	NO	0.00							
Fe2O-	0.00	0.00	0.00	LA	0.00							
LOI	4.19	0.00	0.00	LT	2.19							
TOTAL	95.75	100.00	100.00	IL	0.74							
				CR	0.00							
				LA	0.00							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				OPX	15.60							
				CPX	0.00							
				AS*	25.22							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, DS, RB, RU, G (P.P.B.)

BA 725.00:CU 234.00:ZN 294.00:NI 20.00:BR 56.00:SK 68.00:Y 20.00:ZX 86.00:NB 20.00:

COMMENTS : SERRICITE - SELICEDUS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VAL4266

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BBT/COMENCO OPTION
 0.0 N : 0.0 EL : 0.0

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-??-00
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	71.88	71.55	67.22	C	30.99	NA2O+K2O	7.39	SiO2	71.55	SUBALKALINE		
Al2O3	14.69	14.71	16.32	C	3.18	Ca	0.45	NEA	27.51	GA	69.04	SUBALKALINE
Fe2O3	3.50	1.94	1.37	OR	25.45	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.42	1.11	AB	28.68	A	64.60	F	27.50	M	7.80	CALC-ALKALINE
CaO	1.30	1.30	1.39	AN	5.77	AL2O3	14.74	NORM	PLAG	16.74	CALC-ALKALINE	
MgO	0.89	0.89	1.35	LD	0.00	AN	9.63	ABA	47.89	OR	42.49	K-RICH SERIES
Na2O	3.14	3.15	5.74	NE	0.00	CF	5.54	NORM	PLAG	16.74	DACITE	
K2O	4.23	4.24	5.09	KP	0.00	TENSER	CALC-ALKALINE	DACITE				
TiO2	0.43	0.43	0.30	AC	0.00	AL	79.92	FE	13.96	Mg	6.12	
P2O5	0.18	0.18	0.14	BT	0.00	COLOR INDEX :	5.54					
MnO	0.08	0.08	0.06	-R	0.00	MAG-MAGNETO INDEX :	53.11					
S	0.00	0.00	0.00	EN	2.50							
NiO	0.00	0.00	0.00	FC	0.38							
Cr2O3	0.00	0.00	0.00	FD	0.00							
Co2	0.00	0.00	0.00	FA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00							
-20+	0.00	0.00	0.00	LN	0.00							
-20-	0.00	0.00	0.00	LT	2.05							
LOI	0.63	0.00	0.00	TL	0.61							
TOTAL	99.64	100.00	100.00	CR	0.00							
				-M	0.00							
				AP	0.38							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				R-	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.83							
				CPX	0.00							
				ABA	25.60							

TRACE ELEMENTS (P.P.M.) AU, RE, Zr, Pb, Cr, Os, Rb, Ba, Sr (P.P.B.)

BA	591.00:CB	20.00:ZK	86.00:KI	30.00:RB	184.00:SR	123.00:Y	23.00:ZR	169.00:NB	20.00:
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COMMENTS : SEE STANDARD GE-A

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VAL4267

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-153
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 23
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 DD : B8T78-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 E : 0.0 N : 0.0 E : 929.0
 START DEPTH : 188.90 END DEPTH : 191.90

FIELD NAME : VOLCANICLASTIC, FELSIC, AS⁺, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, MODERATE.
 MINERALIZATION : STRINGERS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	54.96	62.72	59.62	G	24.13	NA2O+K2O	3.60	STO2	62.72	SUBALKALINE		
Al2O3	13.60	15.52	17.39	C	0.00							
Fe2O3	6.20	2.42	1.92	GR	18.01	GLA	23.15	NNA	10.00	GA	66.84	SUBALKALINE
FeO	0.00	4.20	3.04	AB	7.68							
CaO	5.74	6.55	6.67	AK	30.63	CPX	9.25	DL	0.00	OPX	90.75	SUBALKALINE
MgO	3.02	3.79	5.37	LC	0.00							
Na2O	0.72	0.82	1.54	NE	0.00	A	27.21	F	45.66	M	27.13	THOLEIITIC
K2O	2.60	2.97	3.60	YP	0.00	AL2O3	15.52	NORM	PLAG	79.96	THOLEIITIC	
TiO2	0.62	0.72	0.51	AC	0.00							
P2O5	0.12	0.14	0.11	DE	1.04							
MnO	0.14	0.16	0.13	TE	0.41	AN	54.39	ABA	13.63	OR	31.98	K-RICH SERIES
S	0.00	0.00	0.00	EN	10.21							
NiO	0.00	0.00	0.00	ES	3.99	OT	19.26	NORM	PLAG	79.96	BASALT	
Cr2O3	0.00	0.00	0.00	EP	0.00							
Co2	0.00	0.00	0.00	EA	0.00							
ZnO	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
P2O5	0.00	0.00	0.00	LN	0.00	AL	63.10	FE	20.04	KG	16.86	
LOI	2.05	0.00	0.00	ME	2.60							
TOTAL	87.60	100.00	100.00	IL	1.01							
				CR	0.00	COOR INDEX :	19.26					
				FM	0.00	ASPHOTO INDEX :	47.73					
				AP	0.29							
				PC	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	14.20							
				CPX	1.45							
				AB*	7.68							

TRACE ELEMENTS (P.P.M.) AL, RE, PE, PO, TR, OS, R, RU, AG (P.P.B.)

BA 708.00:CU 33.00:ZN 82.00:NI 20.00:RE 73.00:SR 142.00:Y 20.00:ZR 137.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
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SAMPLE ID : VAL4268

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-133
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 33
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 BDM : BET7B-3

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 0.0 N : 0.0 E : 929.0
 START DEPTH : 205.00 END DEPTH : 207.85

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS. <X% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 22-SEP-90
 DATE : 25-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.84	63.02	59.33	Q	24.01
Al2O3	14.47	16.33	18.12	C	2.30
Fe2O3	5.53	2.30	1.63	DR	16.62
FeO	0.00	3.54	2.79	AB	11.33
CaO	4.65	5.20	5.25	AN	25.57
MgO	4.21	4.75	6.67	LD	0.00
Na2O	0.00	1.24	2.27	NE	0.00
K2O	2.45	2.76	3.32	KP	0.00
SiO2	0.54	0.61	0.43	AC	0.00
P2O5	0.09	0.10	0.08	CI	0.00
*NO	0.12	0.14	0.11	BE	0.00
S	0.00	0.00	0.00	EN	13.33
NiO	0.00	0.00	0.00	ES	3.30
CR2O3	0.00	0.00	0.00	ET	0.00
CO2	0.00	0.00	0.00	EA	0.00
-20+	0.00	0.00	0.00	WO	0.00
-20-	0.00	0.00	0.00	LN	0.00
LOI	10.93	0.00	0.00	NI	2.45
				IL	0.86
TOTAL	98.61	100.00	100.00	CR	0.00
				FM	0.00
				AP	0.22
				PO	0.00
				NS	0.00
				KS	0.00
				RJ	0.00
				AG	0.00
				OL	0.00
				OPX	16.64
				CPX	0.00
				ABA	11.33

CLASSIFICATIONS AND INDICES	WT %	INDICES	CLASSIFICATIONS AND INDICES	WT %	INDICES
KA204K20	4.01	STO2	63.02	SUBALKALINE	
DLA	24.00	KA*	39.00	QA	62.92
CPX	0.00	OL	0.00	DPX	100.00
A	27.87	F	39.07	F	39.06
AL2O3	16.33	NORM	PLAG	69.29	THOLEIITIC
AN	49.77	ABA*	25.77	QR	31.06
CI	19.95	NORM	PLAG	69.29	RASALT

JENSEN CALC-ALKALINE ANDESITE
 AL 60.93 FE 16.68 MG 22.41

COLOR INDEX : 19.95
 FASCHMOTO INDEX : 53.84

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, DS, KH, RU, G (P.P.B.)

BA 554.00:CU 29.00:ZN 91.00:NI 20.00:SB 63.00:SR 138.00:Y 20.00:ZR 76.00:NB 20.00:

COMMENTS :

==== F A I R C O M B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VAL4269

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-150 FIELD NUMBER : PROJECT # 1147
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NIS : 082405 PROJECT : BET/COMMENCO OPTION
 UTM ZONE : JI GRID COORDINATES : E : 0.0 N : 0.0 EL : 929.0
 SAMPLE TYPE : DRILL HOLE DDH : 8578-3 START DEPTH : 211.95 END DEPTH : 214.95

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, K, X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL DATE : 22-SEP-90 ANALYTICAL
 ANALYZED BY : COMENCO DATE : 25-OCT-90 TECHNIQUE : X-RAY FLORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES	
SiO2	55.37	62.43	59.07	8	26.05	NA2O+K2O 2.99 ST02 62.43 SUBALKALINE
Al2O3	13.97	15.75	17.57	0	2.63	
Fe2O3	6.20	2.92	1.65	DR	15.87	OLA 31.12 NNA 3.96 GA 64.95 SUBALKALINE
FeO	0.00	4.20	3.32	AB	3.31	
CaO	4.96	5.59	5.67	AN	27.74	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.18	5.34	8.24	LD	0.00	
Na2O	0.32	0.36	0.66	NE	0.00	A 19.76 F 41.60 M 30.63 THOLEIIC
K2O	2.33	2.63	3.17	IP	0.00	Al2O3 15.75 NORM PLAG 89.34 THOLEIIC
TiO2	0.56	0.63	0.45	AC	0.00	
P2O5	0.08	0.09	0.07	DE	0.00	
MnO	0.14	0.16	0.13	FR	0.00	AN 59.12 ADA 7.05 OR 33.82 K-RICH SERIES
S	0.00	0.00	0.00	EN	16.47	
NiO	0.00	0.00	0.00	FS	4.35	OT 24.20 NORM PLAG 89.34 BASALT
CR2O3	0.00	0.00	0.00	FO	0.00	
CO2	0.00	0.00	0.00	FA	0.00	
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN CALD-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN	0.00	AL 56.02 FE 17.71 MG 36.27
LOI	9.56	0.00	0.00	MT	2.48	
TOTAL	80.70	100.00	100.00	IL	0.90	COLOR INDEX : 24.20
				CR	0.00	WAGHINGTON INDEX : 38.72
				FM	0.00	
				AP	0.19	
				PD	0.00	
				NS	0.00	
				KS	0.00	
				RJ	0.00	
				AG	0.00	
				OL	0.00	
				OPX	20.82	
				CPX	0.00	
				ABA	3.31	

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, CR, OS, RP, RU, SG (P.P.P.)

BA 652.00:CU 23.00:ZV 73.00:VI 20.00:KB 56.00:SK 136.00:Y 20.00:ZK 76.00:ND 20.00:

COMMENTS : SHR INDEX - C-LORITE

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REPORT #2000

PAGE 1
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SAMPLE NO + VAL4270

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082405
 BTM ZONE : 05
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 0147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMENCO OPTION
 GRID COORDINATES : E : 295775.0 N : 5688843.0 EL : 1017.0

FIELD NAME : VOLCANICLASTIC, FELSPIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLSRS. <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZER BY : DOMENCO

DATE : 14-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.66	71.58	68.41	Q	43.69	NA2O+K2O	4.83	SiO2	73.58	SUBALKALINE		
Al2O3	16.29	16.98	19.10	C	9.03							
Fe2O3	4.01	1.90	2.42	OR	23.38	GLA	2.98	WAX	12.63	GA	34.39	SUBALKALINE
FeO	0.00	1.98	0.58	AB	12.27							
CaO	1.67	1.74	1.78	AN	8.42	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	0.39	0.41	0.38	LC	0.00							
Na2O	1.27	1.32	2.45	NZ	0.00	A	53.66	F	41.82	K	4.52	TROILITIC
K2O	3.36	3.50	4.23	KP	0.00	Al2O3	16.98	NORM	PLAG	40.71		CALC-ALKALINE
CaF2	0.40	0.42	0.30	AC	0.00							
P2O5	0.07	0.07	0.06	DT	0.00	AN	20.02	ABA	29.16	OR	50.82	K-RECN. SERIES
MnO	0.01	0.01	0.01	BE	0.00							
S	0.00	0.00	0.00	EN	1.16							
As	0.00	0.00	0.00	TS	1.16	OT	5.05	NORM	PLAG	40.71		DACITE
Cr2O3	0.00	0.00	0.00	EG	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	W3	0.00	JENSEN		TROILITIC	RHYOLITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	83.09	FR	14.40	HG	2.52	
LOI	3.75	0.00	0.00	XT	2.14							
TOTAL	95.92	100.00	100.00	IL	0.60							
				CR	0.00	COLOR INDEX :	5.05					
				M	0.00	WACHENDORF INDEX :	56.05					
				AP	0.16							
				PG	0.00							
				NS	0.00							
				KS	0.00							
				RO	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.31							
				CPX	0.00							
				AB*	12.27							
TRACE ELEMENTS (P.P.M.) AL, RC, PT, PD, RB, OS, R, RU, S (P.P.P.)												
BA	405.00:CU	20.00:ZN	36.00:NI	20.00:KB	103.00:BR	77.00:Y	20.00:ZR	110.00:NB	20.00:			

COMMENTS :

REPORT #2000

SAMPLE ID # VAL4271

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 33
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : 8ET/COMINGO OPTION
 GRID COORDINATES : E : 295817.0 N : 5688905.0 EL : 1017.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE SERICITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND 8L280, CLX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINGO

DATE : 14-OCT-90
 DATA : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.50	68.73	65.34	Q	30.59	NA2O+K2O	5.43	SiO2	64.70	SUBALKALINE		
Al2O3	14.70	15.66	17.55	C	0.00	OLA	2.67	NRA	21.12	GA	76.21	SUBALKALINE
Fe2O3	4.01	1.99	1.43	OR	21.41	CPX	44.43	OL	0.00	DPX	55.57	SUBALKALINE
FeO	0.00	2.05	1.63	AB	17.58	A	56.12	F	39.70	K	4.18	TRIOLETTIC
CaO	4.90	5.22	5.32	AN	24.33	AL2O3	15.66	NORM	PLAG	58.11	DIORITIC	
MgO	0.38	0.40	0.37	LC	0.00	AN	38.48	ABA	27.73	OR	33.70	K-RICH SERIES
Na2O	1.79	1.91	3.52	NE	0.00	CO	5.90	NORM	PLAG	58.17	ANDESITE	
K2O	3.31	3.53	4.28	KP	0.00	JENSEN TRIOLETTIC RHYOLITE						
CaO2	0.37	0.39	0.26	AC	0.00	AB	82.64	FE	15.69	MG	2.67	
P2O5	0.06	0.06	0.05	DT	0.66	COLOR INDEX : 5.90						
MnO	0.04	0.04	0.03	FE	0.77	ASHMOTO INDEX : 35.55						
S	0.00	0.00	0.00	EA	0.82							
NiO	0.00	0.00	0.00	FS	0.96							
CR2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LA	0.00							
LOI	6.04	0.00	0.00	MT	2.14							
TOTAL	98.95	100.00	100.00	IL	0.56							
				CR	0.00							
				PH	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				GL	0.00							
				DPX	1.78							
				CPX	1.43							
				ABA	17.53							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, ER, OS, R, RU, G (P.P.B.)

BA 997.00:CU 20.00:ZN 30.00:NI 20.00:RB 85.00:SR 105.00:Y 20.00:ZA 90.00:XB 20.00:

COMMENTS :

==== F A I L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:27:00

SAMPLE ID # VAL4273

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-163
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1047
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : 881/CDMNCO OPTCON
 GRID COORDINATES : E : 296019.0 N : 5688359.0 RL : 825.0

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D. RUSSELL
 ANALYZED BY : GDMOND

DATE : 14-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.70	63.69	58.64	R	12.39	NA2O+K2O	7.77	SiO2	63.69	SUBALKALINE		
Al2O3	16.50	17.60	19.10	C	0.22	DLA	6.65	NBA	43.05	DA	50.20	SUBALKALINE
FeO	4.51	3.85	3.56	DR	15.43	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.30	1.77	AB	45.90	A	56.66	F	31.59	M	11.75	TROLEITIC
CaO	3.50	3.73	3.69	AN	16.54	AL2O3	17.60	NORM	PLAG	26.50	CALC-ALKALINE	
MgO	1.51	1.61	2.21	LC	0.00	AN	21.25	ADA	59.94	OR	19.62	AVERAGE SERIES
Na2O	4.82	5.14	9.10	NR	0.00	CO	6.92	NORM	PLAG	26.50	DACITE	
K2O	2.46	2.62	3.09	XP	0.00	JENSEN	CALC-ALKALINE DACITE					
TiO2	0.61	0.65	0.45	AC	0.00	AI	75.86	FE	15.36	MG	8.78	
P2O5	0.27	0.29	0.22	DT	0.00	COLOR INDEX :	8.92					
MnO	0.10	0.11	0.08	SR	0.00	WAB-IRQTG INDEX :	32.30					
S	0.00	0.00	0.00	EN	4.42							
NiO	0.00	0.00	0.00	PS	1.25							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WO	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	6.25	0.00	0.00	MT	2.34							
TOTAL	93.74	100.00	100.00	IL	0.90							
				GR	0.00							
				PK	0.00							
				AP	0.60							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				BPX	5.67							
				CPX	0.00							
				AS*	45.90							

TRACE ELEMENTS (P.P.M.) AU, RG, PT, PD, ER, OS, R, R, AG (P.P.R.)

BA 901.00:BB 34.00:BN 87.00:BO 20.00:BR 98.00:BS 353.00:BT 54.00:BU 430.00:BV 24.00:

COMMENTS :

==== F A I C O N R R I D G E L P D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
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SAMPLE ID : VAL4273

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 18
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BGT/COMINGO OPTION
 GRID COORDINATES : E : 296184.0 W : 5657955.0 EL : 730.0

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, FINE, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BUBBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINGO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	54.11	59.73	53.42	Q	0.00	KAR0+K20	0.36	SiO2	59.71	ALKALINE		
Al2O3	14.92	16.46	17.35	C	0.00	OrA	9.57	KfA	55.54	OrA	34.89	ALKALINE
Fe2O3	7.39	2.58	1.74	OR	0.02	CPX	40.82	OL	59.13	OPX	0.00	SUBALKALINE
FeO	0.00	5.01	3.75	AB	75.30	A	46.42	F	36.40	Y	12.19	BLETTIC
CaO	2.07	2.28	2.19	AN	3.04	AL2O3	26.46	NORM PLAG	3.67			CALC-ALKALINE
MgO	3.14	3.46	4.62	LC	0.00	AN	3.63	ABA	95.39	OR	0.98	SODIC
Na2O	8.05	9.21	15.93	NR	2.77	CO	17.03	NORM PLAG	3.67			RENOMERITE
K2O	0.13	0.14	0.16	XP	0.00							
TiO2	0.84	0.93	0.62	AC	0.00							
P2O5	0.12	0.12	0.09	BT	3.80							
MnO	0.07	0.08	0.06	FR	1.91							
S	0.00	0.00	0.00	EN	0.00							
NiO	0.00	0.00	0.00	FS	0.00							
Cr2O3	0.00	0.00	0.00	FO	5.50							
CoO	0.00	0.00	0.00	FA	2.76							
P2O4	0.00	0.00	0.00	WD	0.00							
-2O-	0.00	0.00	0.00	LN	0.00							
LiO	0.30	0.00	0.00	MT	2.61							
TOTAL	90.62	100.00	100.00	IL	1.25							
				CR	0.00							
				HM	0.00							
				AP	0.25							
				PC	0.00							
				NS	0.00							
				XS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	8.26							
				OPX	0.00							
				CPX	5.71							
				AB*	79.91							

TRACE ELEMENTS (P.P.M.) AU, RS, PT, PO, CR, OS, RI, RE, RB (P.P.B.)

BA 57.00:100 36.00:120 93.00:130 84.00:140 20.00:150 296.00:160 23.00:170 169.00:180 20.00:

COMMENTS :

==== F A I C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:28:27

SAMPLE ID = VAI4276

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NIS : 032M05
 UTM ZONE : 17
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 UTM : 88178-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 0.0 N : 0.0 EL : 906.0
 START DEPTH : 18.00 END DEPT : 22.60

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CONXMO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		WTKGS	CLASSIFICATIONS AND INDICES						
SiO2	59.33	66.21	62.85	Si	26.01	Na2O+K2O	5.10	SiO2	66.21	SUBALKALINE		
Al2O3	13.31	14.85	16.62	Al	0.00	OLA	10.66	Na*	19.85	Q*	69.49	SUBALKALINE
Fe2O3	5.47	2.08	1.48	OR	20.16	CPX	37.68	DI	0.00	OPX	62.32	SUBALKALINE
FeO	0.00	0.56	2.93	AB	16.33	A	41.07	F	43.75	M	15.19	TIOLETTIC
CaO	5.12	5.71	5.81	AN	23.31	AL2O3	14.85	NaRM	PLAG	58.80		TIOLETTIC
MgO	1.69	1.89	2.67	LE	0.00	AN	38.98	AR*	27.31	OR	33.72	K-RICH SERIES
Na2O	1.59	1.77	3.27	NE	0.00	CF	14.06	NaRM	PLAG	58.80		BASALT
K2O	2.93	3.33	4.03	XP	0.00							
TiO2	0.56	0.40	0.29	AC	0.00							
P2O5	0.06	0.07	0.05	DI	2.48							
MnO	0.11	0.12	0.10	EP	1.76							
S	0.00	0.00	0.00	EN	4.10							
NiO	0.00	0.00	0.00	ES	2.92							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WG	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.32	0.00	0.00	LT	2.22							
TOTAL	89.60	100.00	100.00	IL	0.57							
				CR	0.00							
				FM	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RC	0.00							
				AS	0.00							
				OL	0.00							
				OPX	7.02							
				CPX	4.24							
				AR*	16.33							

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, IR, OS, R*, RU, W (P.P.B.)

BA 895.00:DE 23.00:2V 89.00:NE 30.00:RE 84.00:SR 165.00:Y 20.00:ZK 77.00:NR 20.00:

COMMENTS : SERICITE - TALC ALONG FOLIATION MODERATE TO STRONG CALCAREOUS ALTERATION THROUGHOUT, MODERATE C-LORITE

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:29:53

SAMPLE NO # VAL4278

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 003405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMING OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 906.0
 DDW : BET78- START DEPTH : 30.00 END DEPTH : 33.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : S. RUSSELL
 ANALYZED BY : COMINGO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.23	67.57	63.09	G	24.27	NA2O+K2O	6.90	SiO2	67.57	SUBALKALINE		
Al2O3	15.50	16.53	13.22	C	3.60	OLA	7.24	NBA	35.64	OLA	61.12	SUBALKALINE
Fe2O3	4.77	3.06	3.45	OR	26.72	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.73	2.13	AB	34.02	A	53.57	F	35.55	M	10.98	TROCTIC
CaO	2.01	2.15	2.15	AN	10.17	AL2O3	16.55	NORM PLAS	23.02			CALC-ALKALINE
MgO	1.32	1.41	1.96	LC	0.00	AN	16.17	ABA	54.00	OR	29.75	K-RCO SERIES
Na2O	3.52	3.76	6.80	NR	0.00	CT	9.04	NORM PLAS	23.02			DIABTIC
K2O	2.94	3.14	3.74	KP	0.00							
SiO2	0.43	0.46	0.32	AC	0.00							
P2O5	0.04	0.09	0.07	ST	0.00							
MnO	0.00	0.09	0.07	FR	0.00							
S	0.00	0.00	0.00	EN	3.92							
NiO	0.00	0.00	0.00	FS	2.30							
CR2O3	0.00	0.00	0.00	ZS	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O4	0.00	0.00	0.00	WO	0.00							
P2O5	0.00	0.00	0.00	LN	0.00							
LOI	3.20	0.00	0.00	NT	2.17							
TOTAL	93.65	100.00	100.00	IL	0.64							
				CR	0.00							
				PM	0.00							
				AP	0.18							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	6.23							
				CPX	0.00							
				ABA	34.02							

TRADE ELEMENTS (P.P.M.) AL, RE, PT, PO, CR, UG, R, RJ, -R (P.P.E.)

BA 1297.00:CL 20.00:ZN 26.00:NI 20.00:KB 80.00:SR 160.00:Y 20.00:ZR 92.00:NB 20.00:

COMMENTS :

==== F A I R B A N K I N G R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:31:19

SAMPLE ID : VAL4230

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 77
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 906.0
 DEM : 8278-1 START DEPTH : 75.00 END DEPTH : 78.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : STRINGERS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : G RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES					
SiO2	59.74	60.42	61.22	Q	20.65	NA2O+K2O	6.62	SiO2	65.42	SUBALKALINE	
Al2O3	15.42	16.07	16.61	C	1.81						
Fe2O3	5.37	3.09	1.47	OR	19.29	AlA	9.57	NaA 30.35	KA	59.74	SUBALKALINE
FeO	0.00	3.41	3.67	AB	30.77						
CaO	3.20	3.50	3.51	AK	16.98	CPX	0.00	DL 0.00	OPX 100.00	SUBALKALINE	
MgO	1.05	1.43	2.06	LD	0.00						
Na2O	5.10	3.39	6.15	NZ	0.00	A	49.46	F 39.50	M	21.04	THOLEIITIC
K2O	2.95	3.23	3.86	KP	0.00						
TiO2	0.41	0.45	0.32	AC	0.00	Al2O3	16.87	NORM PLAG	35.55	CALC-ALKALINE	
P2O5	0.04	0.09	0.07	BT	0.00						
MnO	0.07	0.08	0.06	TE	0.00	AK	25.32	ABA 45.90	OR	20.74	K-RFC SERIES
S	0.00	0.00	0.00	EN	4.12						
NaCl	0.00	0.00	0.00	EU	3.35	OT	10.37	NORM PLAG	35.55	ANDESITE	
CR2O3	0.00	0.00	0.00	FO	0.00						
CO2	0.00	0.00	0.00	FA	0.00						
-201	0.00	0.00	0.00	WU	0.00	JENSEN	73.90	FE 17.92	MG	8.16	CALC-ALKALINE DADITE
-20-	0.00	0.00	0.00	LV	0.00						
LOI	5.91	0.00	0.00	YT	2.21						
TOTAL	91.38	100.00	100.00	IL	0.63						
				CR	0.00	COLOR INDEX :	10.31				
				HM	0.00	WASHINGTON INDEX :	40.57				
				AP	0.19						
				PO	0.00						
				NS	0.00						
				KS	0.00						
				RJ	0.00						
				AG	0.00						
				OL	0.00						
				OPX	7.47						
				CPX	0.00						
				AB*	30.77						

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, TR, US, R, RU, G (P.P.B.)

BA 211.00:AL 20.00:ZN 26.00:NI 20.00:RB 26.00:SR 144.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS : MODERATELY SODIUM-RICH. WEAKLY CALCAREOUS. WEAK SPOTTY CHLORITE

==== FAIRCLIFF BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:32:02

SAMPLE ID # VAL4281

WOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : GRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 E : 906.0
 DD# : 867941 START DEPTH : 98.00 END DEPTH : 101.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : STRONGERS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WF %	NORMALIZED ANHYDROUS GADTON %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.41	68.75	65.67	Q	NA2O+K2O 4.36 SiO2 68.75 SUBALKALINE
Al2O3	14.67	6.06	8.03	C	
Fe2O3	4.05	2.00	1.49	DK	OLX 13.28 NEA 2.26 Q* 84.47 SUBALKALINE
FeO	0.00	2.12	1.69	AB	
CaO	3.20	3.50	3.56	AN	CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	2.30	2.52	3.53	LC	
Na2O	0.18	0.20	0.36	NE	A 40.10 F 36.72 M 29.18 TROBLITIC
K2O	3.90	4.16	5.07	KP	
TiO2	0.30	0.44	0.33	AC	AL2O3 16.06 NORM PLAS 90.57 TROBLITIC
P2O5	0.07	0.08	0.06	DL	
MnO	0.09	0.10	0.04	PS	AN 39.03 ABA 4.09 OR 56.80 K-RICH SERIES
S	0.00	0.00	0.00	EN	
VO	0.00	0.00	0.00	FS	OT 11.46 NORM PLAS 90.57 BASALT
CR2O3	0.00	0.00	0.00	FD	
CO2	0.00	0.00	0.00	FA	
+20+	0.00	0.00	0.00	WO	JENSEN CALC-ALKALINE DACITE
-20-	0.00	0.00	0.00	LN	AL 71.62 FB 14.18 NG 14.20
LOT	2.18	0.00	0.00	MT	
TOTAL	91.95	100.00	100.00	IL	
				CR	COLOX INDEX : 11.46
				AX	ASHWOOD INDEX : 64.35
				AP	
				PD	
				NS	
				KS	
				RS	
				AS	
				OL	
				QPX	3.59
				CPX	0.00
				ABA	1.82

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, BR, DG, R, Z, S, P (P.P.B.)

BA 525.00:ZK 20.00:ZX 34.00:BT 20.00:BR 105.00:GR 126.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS :

==== F A I. C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:32:45

SAMPLE ID : VAL4282

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 022M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL CORE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/COMINCO OPTION
 GRID COORDINATES : E : 0.0 N : 0.0 EL : 906.0
 DR : SET28-1 START DEPTH : 110.00 END DEPTH : 113.00

FIELD NAME : VOLCANIC/MASTIC/OTNER.
 FORMAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : STRINGERS, 5-20%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : GJXING

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	82.10	85.41	64.30	Q	74.83	NA2O+K2O	1.92	SiO2	85.41	SUBALKALINE		
Al2O3	7.03	7.30	3.50	C	5.21	OLA	2.55	Na*	0.08	Ca*	97.37	SUBALKALINE
Fe2O3	3.68	1.97	1.46	OR	12.06	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.68	1.38	AB	0.10	A	32.00	F	57.28	M	10.72	TIOLETTIC
CaO	0.52	0.54	0.57	AK	2.33	AL2O3	7.30	WORK	PLAG	95.55	TIOLETTIC	
MgO	0.62	0.65	0.95	LC	0.00	AN	14.03	ABA*	0.70	OR	84.37	K-KFOL SERIES
Na2O	0.07	0.07	0.02	NR	0.00	CO	5.43	WORK	PLAG	95.55	BASALT	
K2O	1.84	1.91	2.11	KP	0.00	JENSEN TIOLETTIC DACTE						
CaF2	0.33	0.41	0.30	AC	0.00	AL	67.39	FE	25.08	MG	7.53	
P2O5	0.10	0.10	0.09	DT	0.00	COLOR INDEX : 5.43						
MnO	0.02	0.02	0.02	TE	0.00	WASHINGTON INDEX : 82.37						
S	0.00	0.00	0.00	EN	1.90							
V2O5	0.00	0.00	0.00	ES	0.74							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WD	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	2.99	0.00	0.00	MT	2.19							
TOTAL	96.12	100.00	100.00	IL	0.60							
				CR	0.00							
				FM	0.00							
				AP	0.23							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				DL	0.00							
				DPX	2.64							
				CPX	0.00							
				AS*	0.10							

TRACE ELEMENTS (P.P.M.) AS, RE, PI, PD, IR, OS, RP, RU, SB (P.P.B.)

BA 350.00:01 1710.00:24 670.00:11 25.00:28 63.00:38 56.00:47 20.00:28 82.00:18 20.00:

COMMENTS : ENERGY EX-ACTURE
 PYRITE, S ALCOYRITES, SP ALBERTITE & SALENA

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:33:28

SAMPLE ID # VAL4283

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 062405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONGRESSION :
 GRID COORDINATES : E :
 UTM : BR78-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BGT/COMINCO OPTION
 START DEPTH : 137.00
 END DEPTH : 140.00

FIELD NAME : VOLCANICLASSIC, INTERMEDIATE, AS4, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLSRS, S-20%, PYRITE.
 FORMATION :

SAMPLED BY : G RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.75	65.72	61.23	S	31.96
Al2O3	14.61	15.63	17.16	C	10.55
Fe2O3	5.98	2.26	1.58	GR	10.20
FeO	0.00	3.70	2.88	AB	16.25
CaO	0.78	0.83	0.83	AN	3.30
MgO	7.03	7.48	10.39	LC	0.00
Na2O	1.49	1.80	3.25	KE	0.00
K2O	1.61	1.71	2.04	KP	0.00
TiO2	0.62	0.66	0.46	AC	0.00
P2O5	0.12	0.13	0.10	DE	0.00
MnO	0.09	0.10	0.08	ES	0.00
S	0.00	0.00	0.00	EN	20.78
NiO	0.00	0.00	0.00	ES	3.41
Cr2O3	0.00	0.00	0.00	FO	0.00
CoO	0.00	0.00	0.00	FA	0.00
ZnO*	0.00	0.00	0.00	WH	0.00
PbO*	0.00	0.00	0.00	LN	0.00
LOI	5.06	0.00	0.00	MT	3.37
TOTAL	93.96	100.00	100.00	EL	0.92
				CR	0.00
				PK	0.00
				AP	0.27
				PO	0.00
				NS	0.00
				LS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	24.13
				CPX	0.00
				ABA*	16.25
TRADE ELEMENTS (P.P.B.)					AL 52.72
					FE 15.26
					MG 31.92
					BA 422.00:CL
					155.00:ZN
					95.00:NI
					20.00:RB
					52.00:GX
					58.00:Y
					20.00:ZR
					106.00:BR
					30.00:

TRADE ELEMENTS (P.P.B.) AL, RE, PO, PD, CR, DS, R, RU, G (P.P.B.)

BA 422.00:CL 155.00:ZN 95.00:NI 20.00:RB 52.00:GX 58.00:Y 20.00:ZR 106.00:BR 30.00:

COMMENTS :

==== FALCON RIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:04:13

SAMPLE ID # VAL4384

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 33
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 UTM : BET79-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BSI/COMINCO OPTION
 E : 0.0 N : 0.0 EL : 906.0
 START DEPT : 142.50 END DEPT : 145.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS4.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : STRENSBERG, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	45.95	50.40	47.78	Q	16.40
Al2O3	14.18	16.26	18.17	C	12.42
Fe2O3	14.59	16.92	2.80	OR	8.05
FeO	0.00	0.00	9.14	AB	1.05
CaO	2.19	2.57	2.55	AN	9.84
MgO	9.63	11.04	13.60	LE	0.00
Na2O	0.70	0.77	0.30	NE	0.00
K2O	1.16	1.28	1.61	KP	0.00
TiO2	1.93	2.20	1.57	AC	0.00
P2O5	0.28	0.44	0.33	DT	0.00
MnO	0.22	0.26	0.20	MR	0.00
S	0.00	0.00	0.00	EN	31.21
VO	0.00	0.00	0.00	ES	12.76
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
ZnO	0.00	0.00	0.00	WO	0.00
-20-	0.00	0.00	0.00	LN	0.00
LOI	3.33	0.00	0.00	ME	4.20
TOTAL	97.21	100.00	100.00	IL	3.14
				CR	0.00
				-M	0.00
				AP	0.93
				PO	0.00
				NS	0.00
				KS	0.00
				RL	0.00
				AG	0.00
				OL	0.00
				DPX	43.97
				CPX	0.00
				AR*	1.05

CLASSIFICATIONS AND INDICES

Na2O+K2O	1.44	SiO2	50.40	SUBALKALINE		
GLA	53.69	NEA	1.03	GA	45.28	SUBALKALINE
CPX	0.00	OT	0.00	OPX	100.00	SUBALKALINE
A	51.25	F	54.66	M	40.00	TROCTIC
AL2O3	16.26	NORM	PLAG	90.32	TROCTIC	
AN	51.92	AR*	5.56	OR	42.01	T-RIC SERIES
Q	51.31	NORM	PLAG	90.32	BASALT	
JENSEN	- (M) MAGNESIUM TROCTIC	BASALT				
AI	38.26	FE	28.89	MG	32.85	
COLOR INDEX :	51.31					
ASHIMOTO INDEX :	82.49					

TRACE ELEMENTS (P.P.M.) AL, RE, PC, PD, CR, OS, R, S, U, V, W (P.P.B.)

BA 306.00:CO 907.00:ZN 5570.00:V 38.00:RB 42.00:SK 66.00:Y 20.00:ZR 203.00:BAK 29.00:

COMMENTS :

==== F A I C O N R R J D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:35:40

SAMPLE NO # VAL4286

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : OROKOS
 UTM ZONE : 18
 SAMPLE TYPE :

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BST/COMENCO OPTION
 0.0 N : 0.0 EL : 0.0

FIELD NAME : OTHER
 FINAL NAME :
 ALTERATION :
 MINERALIZATION :
 FORMATION :

SAMPLED BY :
 ANALYZED BY :

DATE : 00-??-00
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	70.80	70.63	67.37	Q	31.00	NA2O+K2O	7.46	SiO2	71.63	SUBALKALINE		
Al2O3	14.97	14.54	16.10	C	2.93	GLA	3.20	NEA	27.59	GA	69.20	SUBALKALINE
Fe2O3	3.44	1.98	1.40	OR	25.86	CPX	0.00	GL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	1.35	1.06	AB	28.66	A	64.96	F	27.28	M	7.76	CALC-ALKALINE
CaO	1.09	1.47	1.42	AN	5.67	Al2O3	14.54	NORM	PLAG	36.51	CALC-ALKALINE	
MgO	0.88	0.89	1.25	LC	0.00	AN	9.42	ABA	47.62	OR	42.97	K-RICH SERIES
Na2O	3.11	3.15	5.73	NE	0.00	DI	5.43	NORM	PLAG	36.51	DACITE	
K2O	4.26	4.31	5.17	CP	0.00	JENSEN	CALC-ALKALINE	DACITE				
SiO2	0.46	0.47	0.33	AC	0.00	AI	79.73	FE	14.09	MG	6.17	
P2O5	0.21	0.21	0.17	BT	0.00	COLOR INDEX :	5.43					
MnO	0.07	0.07	0.06	BE	0.00	MAG INDEX :	53.33					
S	0.00	0.00	0.00	BN	2.49							
V2O5	0.00	0.00	0.00	BS	0.17							
CR2O3	0.00	0.00	0.00	BT	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O5	0.00	0.00	0.00	WD	0.00							
-32-	0.00	0.00	0.00	LN	0.00							
LOI	0.69	0.00	0.00	ME	2.10							
TOTAL	93.34	100.00	100.00	IL	0.66							
				CR	0.00							
				PK	0.00							
				AP	0.45							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AS	0.00							
				OL	0.00							
				OPX	2.66							
				CPX	0.00							
				AB*	28.66							

TRACE ELEMENTS (P.P.M.) Au, RE, PT, PD, IR, OS, R, RU, PG (P.P.B.)

BA 486.00:CL 20.00:ZK 70.00:W 20.00:RB 175.00:CR 127.00:Y 23.00:ZR 165.00:NB 26.00:

COMMENTS : NOT STANDARD GC-A

==== FAIRCLIFF BRIDGE J.T.D. =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:36:24

SAMPLE ID # VAL4287

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE :
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 BOX : BET78-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 160.34
 END DEPTH : 161.75

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SILICIFICATION, STRONG.
 MINERALIZATION : STRENGROG, 1-5%, PYRROE.
 FORMATION :

SAMPLED BY : D RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.98	67.60	65.29	Q 38.43	NA2O+K2O 3.54 SiO2 67.60 SUBALKALINE
Al2O3	12.54	13.99	15.93	C 7.47	
Fe2O3	9.24	2.39	1.59	OR 17.48	OLA 21.04 NA 6.30 OA 72.65 SUBALKALINE
FeO	0.00	7.31	5.90	AB 6.58	
CaO	1.71	1.97	1.97	AN 9.33	OPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.48	2.77	3.98	LC 0.00	A 22.70 F 59.54 M 17.76 THOLEIITIC
Na2O	0.63	0.70	1.33	NE 0.00	Al2O3 13.99 NORM PLAG 58.06 THOLEIITIC
K2O	2.54	2.13	3.50	CP 0.00	
TiO2	0.46	0.57	0.37	AC 0.00	AN 27.47 ASA 19.84 OR 52.69 K-RICH SERIES
P2O5	0.10	0.11	0.09	DE 0.00	
MnO	0.06	0.07	0.05	FE 0.00	OT 20.68 NORM PLAG 50.06 BASALT
S	0.00	0.00	0.00	EN 7.97	
NO	0.00	0.00	0.00	FS 9.58	
CR2O3	0.00	0.00	0.00	ED 0.00	JENSEN THOLEIITIC ANDESITE
CO2	0.00	0.00	0.00	FA 0.00	AL 57.23 FE 28.46 MG 14.31
<20+	0.00	0.00	0.00	WO 0.00	
>20-	0.00	0.00	0.00	LK 0.00	
LOI	7.10	0.00	0.00	MC 2.38	
TOTAL	89.61	100.00	100.00	IL 0.75	COLDR INDEX : 20.68
				OR 0.00	WASHBURN INDEX : 68.21
				-M 0.00	
				AP 0.24	
				PC 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				QPX 17.53	
				CPX 0.00	
				ASA 6.53	

TRACE ELEMENTS (P.P.M.) AL, RS, SC, PD, CR, OS, RE, RB, -S (P.P.B.)

BA 622.00:CL 152.00:ZN 1740.00:NI 20.00:FR 72.00:OR 89.00:Y 20.00:ZR 96.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 21-DEC-90
 09:37:08

SAMPLE ID # VA14288

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-146
 TOWNSHIP :
 NIS : 0R2M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E :
 00N : 3ET78-1

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 0.0 N : 0.0 E L : 906.0
 START DEPTH : 163.00 END DEPTH : 166.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLA, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PREVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, S-SZ, PYRITE.
 FORMATION :

SAMPLED BY : G RUSSELL
 ANALYZED BY : COMINCO

DATE : 26-SEP-90
 DATE : 12-OCT-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	54.85	61.66	57.79	Q	24.45	NA2O+K2O	3.65	SiO2	67.68	SUBALKALINE		
Al2O3	14.95	16.11	19.57	C	6.47							
Fe2O3	6.05	2.33	1.64	OR	17.09	OLA	30.54	NaX	7.95	GA	60.57	SUBALKALINE
FeO	0.00	4.03	3.16	AB	7.25							
CaO	3.36	3.73	3.79	AN	18.07	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
MgO	6.07	6.83	9.53	LC	0.00							
Na2O	0.71	0.80	1.45	NE	0.00	A	22.01	F	36.87	K	43.11	TROILITIC
K2O	2.54	2.86	3.42	XP	0.00	AL2O3	16.83	NGRM	PLAG	71.37		TROILITIC
TiO2	0.57	0.64	0.45	AC	0.00							
ZnO	0.12	0.13	0.11	BT	0.00							
MnO	0.10	0.11	0.09	FE	0.00	AN	42.63	ABA	17.10	OK	40.29	K-RICH SERIES
S	0.00	0.00	0.00	EN	19.06							
NiO	0.00	0.00	0.00	ES	3.95	BT	26.37	NGRM	PLAG	71.37		BASALT
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O5	0.00	0.00	0.00	WO	0.00	JENSEN CALC-ALKALINE BASALT						
-P2O5-	0.00	0.00	0.00	LN	0.00	AL	55.53	FR	15.96	MG	20.51	
Li2O	0.97	0.00	0.00	MT	2.46							
TOTAL	98.92	100.00	100.00	IL	0.90	COLOR INDEX : 26.37						
				CR	0.00	FASHIMOTO INDEX : 67.90						
				AM	0.00							
				AP	0.29							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				DPX	23.01							
				CPX	0.00							
				ABA	7.25							

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, SR, US, ZR, Rb, Cs, Pb (P.P.B.)

BA 538.00:Zn 20.00:Zr 50.00:Ba 20.00:Rb 75.00:Sr 112.00:Y 20.00:Zr 90.00:Ba 20.00:

COMMENTS : WEAKLY CALCAREOUS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 13-DEC-90
 13:58:19

SAMPLE ID # V411893

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : GRAB SAMPLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 296294.0 N : 5689918.0 EL : 881.0

FIELD NAME : VOLCANICLASTIC, FELSPIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 03-NOV-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORXS	CLASSIFICATIONS AND INDICES
SiO2	67.30	68.51	62.86	B 20.82	NA2O+K2O 8.78 SiO2 66.51 SUBALKALINE
Al2O3	18.44	18.77	20.30	C 6.25	
Fe2O3	2.56	2.01	1.36	DX 18.97	OLA 1.46 NEA 41.35 OA 57.19 SUBALKALINE
FeO	0.00	0.54	0.41	AB 49.25	
CaO	0.27	0.27	0.27	AN 1.02	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.50	0.51	0.70	LC 0.00	
Na2O	5.44	5.54	9.85	NE 0.00	A 75.46 F 20.16 H 4.38 CALC-ALKALINE
K2O	3.18	3.24	3.79	KP 0.00	
TiO2	0.47	0.48	0.33	AC 0.00	AL2O3 18.77 NORM PLAG 2.03 CALC-ALKALINE
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.08	0.08	0.06	HE 0.00	AN 1.47 ARA 71.13 OR 27.39 K-RICH SERIES
S	0.00	0.00	0.00	EN 1.39	
NiO	0.00	0.00	0.00	ES 0.00	CJ 3.58 NORM PLAG 2.03 RHYOLITE
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	FO 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 87.54 FE 9.46 MG 3.00
LOI	1.97	0.00	0.00	MT 0.44	
TOTAL	98.23	100.00	100.00	IL 0.66	COLOR INDEX : 3.58 HASHIMOTO INDEX : 39.19
				CR 0.00	
				HA 1.09	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 1.39	
				CPX 0.00	
				ARA 49.25	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 2083.00:CU 20.00:ZN 20.00:NI 20.00:RH 93.00:SK 89.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS :

==== K A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:08:01

SAMPLE ID # VB09651

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296024.8 N : 5690887.0 EL : 1412.4
 DDN : 80-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 16.00 END DEPTH : 19.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CUMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.09	62.93	58.16	Q 17.92	NA2O+K2O 4.94 SiO2 62.9% SUBALKALINE
Al2O3	15.75	16.49	17.97	C 2.87	
Fe2O3	6.02	2.08	1.45	OR 9.27	OLA 20.99 Na 27.12 Oa 51.89 SUBALKALINE
FeO	0.00	3.30	2.94	AB 30.21	
CaO	3.55	3.72	3.68	AN 18.00	CPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MgO	5.16	5.40	7.44	LC 0.00	
Na2O	3.22	3.37	6.04	NE 0.00	A 30.86 F 35.43 H 33.73 THOLEIITIC
K2O	1.50	1.37	1.85	KP 0.00	
TiO2	0.49	0.51	0.36	AC 0.00	Al2O3 16.49 NORM PLAG 37.33 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 31.33 Ab 52.56 BK 16.13 AVERAGE SERIES
S	0.00	0.00	0.00	EM 14.89	
NiO	0.00	0.00	0.00	FS 3.82	CI 20.60 NORM PLAG 37.33 ANDESITE
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WC 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 59.48 Fe 15.88 Mg 24.64
LOI	4.34	0.00	0.00	MT 2.17	
TOTAL	95.51	100.00	100.00	IL 0.71	COLOR INDEX : 21.60 WASHIMOTO INDEX : 49.59
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				DPX 16.71	
				CPX 0.00	
				AR 30.21	

TRACE ELEMENTS (P.P.M.) AU, RE, PI, PO, IR, OS, R4, RU, IG (P.P.B.)

BA 428.00:CU 20.00:ZN 61.00:NI 20.00:RB 32.00:CK 178.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:08:44

SAMPLE ID # VB09652

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296129.1 N : 5691890.0 EL : 1406.5
 DDN : 8C-90-01 START DEPTH : 24.00 END DEPTH : 27.00

PROJECT # 1246
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONINCU

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES	
SiO2	49.80	54.16	49.61	0	0.00	NA2O+K2O 7.21 SiO2 54.16 ALKALINE
Al2O3	19.62	21.34	23.04	0	0.96	
Fe2O3	5.36	2.29	1.58	OR	25.76	OLA 29.19 NE* 37.42 OA* 33.39 SUBALKALINE
FeO	0.00	3.18	2.44	AB	24.91	
CaO	5.70	6.20	6.08	AN	29.86	CPX 0.00 OL 10.24 OPX 89.76 SUBALKALINE
MgO	4.39	4.77	6.52	LC	0.00	
Na2O	2.58	2.87	4.98	NE	0.00	A 41.85 F 30.44 H 27.77 THOLEIITIC
K2O	4.05	4.40	5.15	KP	0.00	
TiO2	0.63	0.66	0.46	AC	0.00	AL2O3 27.34 NORM PLAG 54.51 CALC-ALKALINE
P2O5	0.08	0.09	0.07	BT	0.00	
MnO	0.08	0.09	0.07	HE	0.00	AN 37.07 AB* 30.94 OR 31.99 SODIC
S	0.00	0.00	0.00	SN	11.31	
NiO	0.00	0.00	0.00	FS	2.18	CI 18.32 NORM PLAG 54.57 HAWAIIITE
CR2O3	0.00	0.00	0.00	FO	1.29	
CO2	0.00	0.00	0.00	FA	0.25	
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LV	0.00	AL 67.56 FE 13.32 MG 19.11
LOI	7.36	0.00	0.00	MT	2.37	
TOTAL	91.94	100.00	100.00	IL	0.91	COLOR INDEX : 18.32
				CR	0.00	HASHIMOTO INDEX : 50.48
				HM	0.00	
				AP	0.18	
				PO	0.00	
				NS	0.00	
				KS	0.00	
				RU	0.00	
				AG	0.00	
				OL	1.54	
				OPX	13.49	
				CPX	0.00	
				AB*	24.91	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, IR (P.P.B.)

BA 976.00:CU 62.00:ZN 72.00:NI 20.00:RB 88.00:SR 217.00:Y 20.00:ZR 136.00:NB 23.00:

COMMENTS : MODERATE HORNEELS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:09:26

SAMPLE ID # VB09653

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296138.3 N : 5691897.5 EL : 1393.0
 DDH : BC-90-01 START DEPTH : 42.00 END DEPTH : 45.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	53.85	57.99	53.61	Q 9.91	NA2O+K2O 7.11 SiO2 57.99 SUBALKALINE
Al2O3	18.84	20.29	22.11	C 7.73	
Fe2O3	7.89	2.24	1.56	DR 22.63	OLA 22.74 WFA 31.25 GA 46.01 SUBALKALINE
FeO	0.00	5.63	4.35	AB 29.34	
CaO	1.96	2.11	2.09	AN 9.96	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.61	3.89	5.36	LC 0.00	
Na2O	3.04	3.27	5.87	NE 0.00	A 38.13 T 41.01 M 20.86 THOLEITIC
K2O	3.56	3.83	4.53	KP 0.00	
TiO2	0.58	0.62	0.43	AC 0.00	AL2O3 20.29 NORM PLAG 25.35 CALC-ALKALINE
P2O5	0.07	0.08	0.06	DZ 0.00	
MnO	0.05	0.05	0.04	HE 0.00	AN 16.00 ABA 47.37 OR 36.54 K-RICH SERIES
S	0.00	0.00	0.00	EN 10.71	
NiO	0.00	0.00	0.00	PS 6.36	CJ 20.28 NORM PLAG 25.35 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WQ 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 65.91 FE 18.87 MG 15.82
LOI	6.35	0.00	0.00	MT 2.34	
				IL 0.87	
TOTAL	92.87	100.00	100.00	CR 0.00	COLOR INDEX : 20.28
				HM 0.00	HASHIMOTO INDEX : 58.92
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 17.07	
				CPX 0.00	
				ABA 29.34	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 983.00:CU 20.00:ZN 94.00:W 20.00:KB 78.00:SK 169.00:Y 20.00:ZR 111.00:NB 20.00:

COMMENTS : DUST TUFF

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:10:07

SAMPLE ID # VB09654

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296146.5 N : 5691904.0 EL : 1379.9
 UTM : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 59.00 END DEPTH : 62.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CUMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.83	65.14	62.17	Q	30.06	NA20+K20	4.28	SiO2	65.14	SUBALKALINE		
Al2O3	14.89	16.21	18.24	C	3.20							
Fe2O3	5.92	2.13	1.53	DR	23.95	OLA	20.36	NEA	4.23	GA	75.41	SUBALKALINE
FeO	0.00	3.88	3.10	AB	3.22							
CaO	4.39	4.78	4.89	AN	24.00	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	2.64	2.92	4.15	LC	0.00							
Na2O	0.32	0.35	0.64	NE	0.00	A	32.92	F	44.63	M	22.45	THOLEIITIC
K2O	3.61	3.93	4.79	KP	0.00							
TiO2	0.46	0.50	0.36	AC	0.00	AL2O3	16.21	NORM	PLAG	88.16	THOLEIITIC	
P2O5	0.06	0.07	0.05	DE	0.00							
MnO	0.09	0.10	0.08	BE	0.00	AN	46.89	ABA	6.30	DR	46.80	K-RICH SERIES
S	0.00	0.00	0.00	EM	3.30							
NiO	0.00	0.00	0.00	FS	4.10	CJ	15.42	NORM	PLAG	88.16	BASALT	
CR3O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
H2O-	0.00	0.00	0.00	LN	0.00	AL	66.42	FE	18.46	MG	15.12	
LOI	7.38	0.00	0.00	MT	2.30							
				IL	0.72							
TOTAL	91.85	100.00	100.00	CR	0.00	COLOR INDEX :	15.42					
				HH	0.00	HASHIMOTO INDEX :	57.18					
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.40							
				CPX	0.00							
				AB*	3.22							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 729.00:CU 20.00:Zn 131.00:NI 20.00:RB 84.00:SK 177.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:10:49

SAMPLE ID # VB09655

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 R : 296150.7 N : 5691900.0 RL : 1372.9
 START DEPTH : 68.00 END DEPTH : 71.00

FIELD NAME : VOLCANICLASTIC, FELSIC, BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLESS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : J McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NRMS	CLASSIFICATIONS AND INDICES						
SiO2	60.38	63.91	59.39	Q	20.56	NA2O+K2O	5.65	SiO2	63.91	SUBALKALINE		
Al2O3	17.20	18.21	19.94	C	3.42							
Fe2O3	4.62	2.16	1.51	OR	13.75	Or*	11.95	NEA	29.95	Or*	58.11	SUBALKALINE
FeO	0.00	2.46	1.91	AB	30.03							
CaO	3.79	4.01	3.99	AN	19.41	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
MgO	2.72	2.88	3.99	LC	0.00							
Na2O	3.15	3.33	6.01	NE	0.00	A	43.71	F	34.03	M	22.26	THOLEIITIC
K2O	2.19	2.32	2.75	KP	0.00							
TiO2	0.54	0.57	0.40	AC	0.00	Al2O3	18.21	NORM	PLAG	39.26		CALC-ALKALINE
P2O5	0.08	0.08	0.07	DI	0.00							
MnO	0.06	0.06	0.05	HE	0.00	AN	30.72	ABA	47.52	OR	21.76	AVERAGE SERIES
S	0.00	0.00	0.00	EN	7.97							
NiO	0.00	0.00	0.00	PS	1.61							
Cr2O3	0.00	0.00	0.00	EO	0.00	C)	12.65	NORM	PLAG	39.26		ANDESITE
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WG	0.00	JENSEN		CALC-ALKALINE	DACITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	71.74	FE	13.92	MG	14.34	
LOI	5.02	0.00	0.00	MT	2.26							
				IL	0.80							
TOTAL	94.47	100.00	100.00	CR	0.00	COLOR INDEX :		12.65				
				HM	0.00	HASHIMOTO INDEX :		41.43				
				AP	0.18							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				OPX	9.58							
				CPX	0.00							
				AB*	30.03							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, (R, OS, RH, RU, HB) (P.P.B.)

BA 729.00:CU 20.00:ZN 43.00:NI 20.00:RB 47.00:SR 220.00:Y 20.00:ZR 110.00:NB 20.00:

COMMENTS : WEAK HORNEELS?

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:11:30

SAMPLE ID # VB09656

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296156.6 N : 5691913.0 RL : 1362.6
 DDH : BC-90-01 START DEPTH : 81.00 END DEPTH : 84.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : BENDED, S-20%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.40	60.82	55.47	D 11.46	NA20+K20 7.53 SiO2 60.82 SUBALKALINE
Al2O3	20.04	20.87	22.44	C 7.74	
Fe2O3	5.59	2.22	1.52	OR 12.98	OLA 11.68 NEA 40.71 QA 47.62 SUBALKALINE
FeO	0.00	3.24	2.47	AB 46.87	
CaO	1.46	1.52	1.49	AN 6.83	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.89	3.01	4.09	LC 0.00	
Na2O	5.09	5.30	9.37	NE 0.00	A 47.72 F 33.20 K 19.08 IMOLEITIC
K2O	2.14	2.23	2.60	KP 0.00	
TiO2	0.63	0.66	0.45	AC 0.00	AL2O3 20.87 NORM PLAG 12.71 CALC-ALKALINE
P2O5	0.09	0.09	0.07	BT 0.00	
MnO	0.03	0.03	0.02	ME 0.00	AN 10.24 ABA 70.29 OR 19.47 AVERAGE SERIES
S	0.00	0.00	0.00	EN 8.18	
NiO	0.00	0.00	0.00	FS 2.57	CI 13.94 NORM PLAG 12.71 DACITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WB 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 72.38 FE 14.42 MG 13.20
LOI	3.95	0.00	0.00	MT 2.28	
TOTAL	96.01	100.00	100.00	IL 0.90	COLOR INDEX : 13.94 HASHIMOTO INDEX : 43.44
				CR 0.00	
				HM 0.00	
				AP 0.19	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 10.75	
				CPX 0.00	
				ABA 46.87	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 866.00:CU 20.00:ZN 52.00:NI 20.00:RB 45.00:SR 133.00:Y 20.00:ZR 104.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:12:12

SAMPLE ID # VB09657

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296161.0 N : 5691917.0 EL : 1354.8
 BDH : BC-90-01 START DEPTH : 90.75 END DEPTH : 93.75

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : BEDDED, 5-20% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.27	66.72	63.95	Q 37.53	NA2O+K2O 5.46 SiO2 66.72 SUBALKALINE
Al2O3	17.36	18.82	21.26	C 12.37	
Fe2O3	6.43	2.36	1.56	OK 30.50	OL* 10.83 NE* 5.47 OK* 83.70 SUBALKALINE
FeO	0.00	4.25	3.41	AB 4.48	
CaO	0.95	1.02	1.05	AN 4.72	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.85	0.91	1.30	LC 0.00	
Na2O	0.45	0.48	0.90	NE 0.00	A 43.46 F 49.30 H 7.24 THOLEIITIC
K2O	4.65	4.98	6.10	KP 0.00	
TiO2	0.52	0.56	0.40	AC 0.00	AL2O3 18.82 NORM PLAG 51.30 CALC-ALKALINE
P2O5	0.07	0.08	0.06	DI 0.00	
MnO	0.02	0.02	0.02	HR 0.00	AN 11.89 ABA 11.29 OR 76.83 K-RICH SERIES
S	0.00	0.00	0.00	EN 2.60	
NiO	0.00	0.00	0.00	FS 4.49	CJ 10.23 NORM PLAG 51.30 ANDESITE
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 76.06 FE 19.28 HG 4.66
LOI	6.07	0.00	0.00	MT 2.34	
TOTAL	99.38	100.00	100.00	IL 0.80	COLOR INDEX : 10.23 HASHIMOTO INDEX : 79.71
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.09	
				CPX 0.00	
				ABA 4.48	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1269.00:CU 24.00:ZN 53.00:NI 20.00:RB 107.00:SR 94.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 *** EXPLORATION DIVISION ***

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:12:53

SAMPLE ID # VB09658

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-163
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE :)
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296167.5 N : 5691922.5 EL : 1343.4
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 105.00 END DEPTH : 108.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : 0ED060,S-20% ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINGO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	58.45	58.43	55.28	Q 19.15	NA20+K20 6.25 SI02 58.43 SUBALKALINE
AL2O3	19.62	21.43	23.92	C 11.60	
FE2O3	9.20	2.30	1.64	OR 28.86	OL* 22.06 NE* 17.50 GA 60.34 SUBALKALINE
FE0	0.00	6.97	5.32	AB 13.53	
CA0	1.87	1.98	2.07	AN 9.59	EPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	1.69	1.83	2.60	LC 0.00	
NA20	1.35	1.48	2.77	NE 0.00	A 36.46 F 52.77 K 10.77 THOLEIITIC
K20	4.37	4.78	5.77	KP 0.00	
TE02	0.67	0.67	0.47	AC 0.00	AL2O3 21.45 NORM PLAG 41.47 CALC-ALKALINE
P2O5	0.06	0.07	0.05	DI 0.00	
MNO	0.03	0.03	0.03	HE 0.00	AN 18.45 AB* 26.03 OR 55.52 K-RICH SERIES
S	0.00	0.00	0.00	EM 5.21	
NIO	0.00	0.00	0.00	FS 8.50	CI 17.12 NORM PLAG 41.47 ANDESITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WG 0.00	JENSEN THOLEIITIC DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 69.97 FE 22.41 MG 7.62
LO1	7.71	0.00	0.00	MT 2.46	
TOTAL	91.48	100.00	100.00	IL 0.95	COLOR INDEX : 17.12 WASHINGTON INDEX : 65.73
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.71	
				CPX 0.00	
				AB* 13.53	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HS (P.P.B.)

BA 1141.00:CU 31.00:ZN 52.00:NI 20.00:KB 113.00:SK 210.00:Y 20.00:ZR 111.00:NB 20.00:

COMMENTS : DUST TUFF

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:14:17

SAMPLE ID # V809660

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-163
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296178.3 N : 5691932.0 EL : 1325.0
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 128.00 END DEPTH : 131.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.13	62.37	58.01	0	NA20+K20 3.61 SiO2 62.37 SUBALKALINE
Al2O3	17.23	18.51	20.57	C	
Fe2O3	7.77	2.21	1.57	OR	OLA 32.22 NEA 1.00 OA 66.78 SUBALKALINE
FeO	0.00	5.51	4.35	AB	
CaO	0.30	0.32	0.33	AN	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.23	6.68	9.39	LC	
Na2O	0.10	0.11	0.20	NE	A 20.26 F 42.16 K 37.57 THOLEIITIC
K2O	3.26	3.50	4.21	KP	
TiO2	0.56	0.60	0.43	AC	AL2O3 18.51 NORM PLAG 53.44 CALC-ALKALINE
P2O5	0.07	0.08	0.06	DI	
MnO	0.10	0.11	0.09	HE	AN 4.86 ABA 4.23 OR 90.91 K-RICH SERIES
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	FS	CI 28.44 NORM PLAG 53.44 BASALT
Cr2O3	0.00	0.00	0.00	ED	
CO2	0.00	0.00	0.00	FA	
H2O+	0.00	0.00	0.00	WU	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN	AL 56.53 FE 17.66 MG 25.81
LOI	6.58	0.00	0.00	MT	
TOTAL	93.20	100.00	100.00	IL	
				CR	COLOR INDEX : 28.44
				HM	MASHIMOTO INDEX : 95.96
				AP	
				PO	
				NS	
				KS	
				RU	
				AG	
				OL	
				OPX	25.23
				CPX	0.00
				ABA	0.98

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 908.00:CU 50.00:ZN 544.00:NI 20.00:KB 78.00:SR 49.00:Y 20.00:ZR 73.00:NB 20.00:

COMMENTS : MINOR SPH, SX PYR, SHEARED

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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:14:58

SAMPLE ID # VB09661

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296181.1 N : 5691934.0 RL : 1320.3
 DDH : BC-90-01 START DEPTH : 134.52 END DEPTH : 136.13

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,BLOCK ,LITHIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : BEDDED,5-20% ,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NRMS	CLASSIFICATIONS AND INDICES					
SiO2	72.53	77.61	76.10	Q	60.49	NA2O+K2O	3.17	SiO2	77.61	SUBALKALINE	
Al2O3	11.13	11.93	13.79	C	8.90						
Fe2O3	5.97	2.00	1.48	OR	19.77	OLA	6.31	NE*	0.09	GA 93.60	SUBALKALINE
FeO	0.00	3.95	3.24	AB	0.10						
CaO	0.46	0.49	0.52	AN	2.29	CPX	0.00	OL	0.00	OPX 100.00	SUBALKALINE
MgO	0.35	0.37	0.55	LC	0.00						
Na2O	0.01	0.01	0.02	NE	0.00	A	34.09	F	61.87	M 4.03	THOLEIITIC
K2O	2.95	3.16	3.95	KP	0.00						
TiO2	0.37	0.40	0.29	AC	0.00	AL2O3	11.93	NORM	PLAG	95.75	THOLEIITIC
P2O5	0.04	0.04	0.04	BT	0.00						
MnO	0.03	0.03	0.03	HE	0.00	AN	10.33	ABA	0.46	OR 89.20	K-RICH SERIES
S	0.00	0.00	0.00	EM	1.09						
NiO	0.00	0.00	0.00	FS	4.47	CI	8.36	NORM	PLAG	95.75	BASALT
CR2O3	0.00	0.00	0.00	FO	0.00						
CO2	0.00	0.00	0.00	FA	0.00						
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN		THOLEIITIC	RHYOLITE		
H2O-	0.00	0.00	0.00	LN	0.00	AL	71.19	FE	25.98	MG 2.83	
LOI	4.44	0.00	0.00	MT	2.21						
TOTAL	93.45	100.00	100.00	IL	0.58						
				CR	0.00	COLOR INDEX :	8.36				
				HM	0.00	HASHIMOTO INDEX :	87.53				
				AP	0.09						
				PQ	0.00						
				NS	0.00						
				KS	0.00						
				RU	0.00						
				AG	0.00						
				OL	0.00						
				OPX	5.56						
				CPX	0.00						
				AB*	0.10						

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,DS,RH,RU,HB (P.P.B.)

BA 953.00:CU 1340.00:ZN 5800.00:NI 20.00:RB 94.00:SR 42.00:Y 20.00:ZR 75.00:NB 20.00:

COMMENTS : PYR, SPH, CPY, GL

==== PALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:15:40

SAMPLE ID # V809662

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296184.7 N : 5691937.0 EL : 1314.2
 DDH : BC-90-01 START DEPTH : (41.91) END DEPTH : 143.85

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : BEDDED, 1-5%, PYRITE PLUS CHALCOPYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.36	69.88	66.96	Q 46.85	NA2O+K2O 2.71 SiO2 69.88 SUBALKALINE
Al2O3	14.70	15.06	17.01	C 12.74	
Fe2O3	6.64	2.05	1.48	OR 16.49	OLA 21.12 NEA 0.09 OA 78.79 SUBALKALINE
FeO	0.00	4.44	3.56	AB 0.10	
CaO	0.52	0.55	0.56	AN 2.38	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.39	4.62	6.60	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 19.87 F 46.19 M 33.94 THOLEIITIC
K2O	2.56	2.70	3.30	KP 0.00	
TiO2	0.45	0.47	0.34	AC 0.00	AL2O3 15.06 NORM PLAG 96.06 THOLEIITIC
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.14	0.15	0.12	HE 0.00	AN 12.56 ABA 0.52 OR 86.93 K-RICH SERIES
S	0.00	0.00	0.00	EN 13.20	
NiO	0.00	0.00	0.00	ES 5.20	CI 21.30 NORM PLAG 96.06 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 58.42 FE 18.90 MG 22.68
LOI	4.66	0.00	0.00	MT 2.22	
TOTAL	94.96	100.00	100.00	IL 0.68	COLOR INDEX : 21.30 WASHIMOTO INDEX : 92.91
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 18.40	
				CPX 0.00	
				AB* 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 887.00:CU 328.00:ZN 247.00:NI 20.00:RE 68.00:SR 42.00:Y 20.00:ZR 69.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:16:21

SAMPLE ID # VB09663

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 13
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296187.2 N : 5691938.5 EL : 1310.1
 DDH : BC-90-01 START DEPTH : 147.00 END DEPTH : 148.90

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : BEDDED, S-20%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-DEC-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.91	67.82	64.68	Q 42.37	NA2O+K2O 3.16 SiO2 67.82 SUBALKALINE
Al2O3	15.32	16.26	18.28	C 13.12	
Fe2O3	6.51	2.08	1.49	OR 19.19	OLA 23.07 NEA 0.10 OA 76.83 SUBALKALINE
FeO	0.00	4.34	3.47	AB 0.10	
CaO	0.69	0.73	0.75	AN 3.24	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.60	4.88	6.94	LC 0.00	
Na2O	0.01	0.03	0.02	NE 0.00	A 22.18 F 43.59 M 34.23 THOLEIITIC
K2O	2.97	3.15	3.84	KP 0.00	
TiO2	0.46	0.49	0.35	AC 0.00	AL2O3 16.26 NORM PLAG 97.06 THOLEIITIC
P2O5	0.07	0.07	0.06	Q% 0.00	
MnO	0.15	0.16	0.13	HE 0.00	AN 14.38 APA 0.44 OR 85.18 K-RICH SERIES
S	0.00	0.00	0.00	SN 13.88	
NiO	0.00	0.00	0.00	FS 4.99	CO 20.81 NORM PLAG 97.06 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 59.63 FE 37.74 MG 22.64
LOI	5.41	0.00	0.00	MT 2.24	
TOTAL	94.23	100.00	100.00	IL 0.70	COLOR INDEX : 21.81 HASHIMOTO INDEX : 91.54
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 18.87	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1055.00:EU 34.00:ZN 180.00:NI 20.00:RR 87.00:SR 51.00:Y 20.00:ZR 73.00:NB 20.00:

COMMENTS : PYR, SPX, GL, CPY

==== FALCON BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:17:02

SAMPLE ID # VB09664

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16S
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296199.5 N : 5691946.5 EL : 1288.4
 DDH : 8C-90-01 START DEPTH : 173.00 END DEPTH : 176.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, I-SZ, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	61.40	65.27	61.81	Q	36.53	NA20+K20	3.84	SiO2	65.27	SUBALKALINE		
Al2O3	16.69	17.74	19.80	C	13.89							
Fe2O3	6.38	2.09	1.49	OR	22.82	OLA	26.27	NEA	0.61	QA	73.11	SUBALKALINE
FeO	0.00	4.22	3.34	AB	0.59							
CaO	0.65	0.69	0.70	AN	3.08	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	5.08	5.40	7.62	LC	0.00							
Na2O	0.06	0.06	0.12	NE	0.00	A	25.02	F	39.76	K	35.20	THOLEIITIC
K2O	3.55	3.77	4.56	KP	0.00							
TiO2	0.47	0.50	0.36	AC	0.00	Al2O3	17.74	NORM	PLAG	84.02	THOLEIITIC	
P2O5	0.06	0.06	0.05	BI	0.00							
MnO	0.17	0.18	0.14	HE	0.00	AN	11.82	ABA	2.21	OR	86.17	K-RICH SERIES
S	0.00	0.00	0.00	EM	15.24							
NiO	0.00	0.00	0.00	ES	4.77	CI	22.96	NORM	PLAG	84.02	BASALT	
Cr2O3	0.00	0.00	0.00	EO	0.00							
Co2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
H2O-	0.00	0.00	0.00	LN	0.00	AL	60.45	FE	16.28	MG	23.26	
LOI	5.50	0.00	0.00	MT	2.24							
				IL	0.71							
TOTAL	94.07	100.00	100.00	CR	0.00	CDIOR INDEX :	22.96					
				HM	0.00	WASHIMOTO INDEX :	92.40					
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	20.01							
				CPX	0.00							
				ABA	0.59							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 1134.00:CU 31.00:ZN 607.00:NR 20.00:RB 110.00:SR 53.00:Y 20.00:ZK 75.00:NB 20.00:

COMMENTS : PYR, SPH

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:17:44

SAMPLE ID # UB09665

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296209.1 N : 5691953.0 EL : 1270.2
 DDH : BC-90-01 START DEPTH : 195.00 END DEPTH : 198.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : BEDDED, 1-5X, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : EDHINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS
SiO2	65.05	68.71	64.97	Q 44.33
Al2O3	12.18	12.87	14.34	C 12.61
Fe2O3	7.07	2.04	1.45	OR 6.70
FeO	0.00	4.89	3.86	AB 0.10
CaO	0.24	0.25	0.26	AN 0.93
MgO	8.85	9.35	13.17	LC 0.00
Na2O	0.01	0.01	0.02	NE 0.00
K2O	1.05	1.11	1.34	KP 0.00
TiO2	0.43	0.45	0.32	AC 0.00
P2O5	0.05	0.05	0.04	DI 0.00
MnO	0.26	0.27	0.22	HE 0.00
S	0.00	0.00	0.00	EN 26.35
NiO	0.00	0.00	0.00	FS 6.07
Cr2O3	0.00	0.00	0.00	FO 0.00
CO2	0.00	0.00	0.00	FA 0.00
H2O+	0.00	0.00	0.00	WD 0.00
H2O-	0.00	0.00	0.00	LN 0.00
LOI	4.86	0.00	0.00	MT 2.18
				IL 0.65
TOTAL	94.67	100.00	100.00	CR 0.00
				HM 0.00
				AP 0.11
				PD 0.00
				NS 0.00
				KS 0.00
				RU 0.00
				AG 0.00
				OL 0.00
				OPX 32.42
				CPX 0.00
				AB* 0.10

CLASSIFICATIONS AND INDICES

NA2O+K2O	1.12	STO2	68.71	SUBALKALINE		
OL*	31.65	NE*	0.08	QA* 68.28	SUBALKALINE	
CPX	0.00	OL	0.00	OPX 100.00	SUBALKALINE	
A	6.51	F	39.10	M	54.39	THOLEIITIC
AL2O3	12.87	NORM PLAG	90.58	THOLEIITIC		
AN	12.05	AR*	1.25	OR	86.69	K-RICH SERIES
CI	35.24	NORM PLAG	90.58	BASALT		
JENSEN	HIGH MAGNESIUM THOLEIITIC	BASALT				
AL	42.97	FE	17.55	MG	39.48	

COLOR INDEX : 35.24
 HASHIMOTO INDEX : 97.54

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 345.00:CU 20.00:ZN 374.00:NI 20.00:RB 32.00:SR 20.00:Y 20.00:ZK 64.00:NB 20.00:

COMMENTS : PYR, SPII, CPY, GL

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:18:25

SAMPLE ID + VB09666

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296216.7 N : 5691958.5 EL : 1255.0
 G04 : BC-90-01 START DEPTH : 213.00 END DEPTH : 216.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, STRONG.
 MINERALIZATION : BEDDED, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.14	61.84	58.44	Q	31.52	NA20+K20	2.08	SiO2	61.84	SUBALKALINE		
Al2O3	14.89	16.05	17.98	C	12.56							
Fe2O3	9.13	2.14	1.52	OR	12.48	OLA	38.39	NEA	0.09	QA	61.52	SUBALKALINE
FeO	0.00	6.96	5.50	AB	0.10							
CaO	1.37	1.48	1.50	AN	7.00	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	7.79	8.43	11.87	LC	0.00							
Na2O	0.01	0.01	0.02	NE	0.00	A	10.71	F	45.83	M	43.46	THOLEIITIC
K2O	1.91	2.07	2.50	KP	0.00							
TiO2	0.48	0.52	0.37	AC	0.00	Al2O3	16.05	NORM	PLAG	98.60	THOLEIITIC	
P2O5	0.07	0.08	0.06	DI	0.00							
MnO	0.38	0.41	0.33	HE	0.00	AN	35.76	ABA	0.51	OR	63.73	K-RICH SERIES
S	0.00	0.00	0.00	EN	23.75							
NiO	0.00	0.00	0.00	ES	9.40	C3	36.18	NORM	PLAG	98.60	BASALT	
Cr2O3	0.00	0.00	0.00	FO	0.00							
Co2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	HIGH MAGNESIUM THOLEIITIC BASALT					
H2O-	0.00	0.00	0.00	LN	0.00	Al	47.70	Fe	20.61	Mg	31.63	
LOI	6.08	0.00	0.00	MT	2.29							
TOTAL	92.39	100.00	100.00	IL	0.74	COLOR INDEX :	36.18					
				CR	0.00	HASHIMOTO INDEX :	87.55					
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	33.15							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 688.00:CU 176.00:ZN 3490.00:NI 20.00:RB 61.00:SR 36.00:Y 20.00:ZK 89.00:NB 20.00:

COMMENTS : PYR, SPH, CPY, GL

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:19:07

SAMPLE ID # UB09667

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296225.0 N : 5691964.5 EL : 1238.1
 DDH : 8C-90-01 START DEPTH : 233.00 END DEPTH : 236.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : BEDDED, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	66.97	70.46	67.17	Q 47.29	NA2O+K2O 2.08 SiO2 70.46 SUBALKALINE
Al2O3	12.93	13.60	15.29	C 12.46	
Fe2O3	6.53	2.00	1.44	OR 12.62	OLA 25.16 NEA 0.08 GA 74.76 SUBALKALINE
FeO	0.00	4.37	3.49	AB 0.10	
CaO	0.20	0.21	0.20	AN 0.72	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.23	6.50	9.34	LC 0.00	
Na2O	0.07	0.01	0.02	NE 0.00	A 14.04 F 47.65 M 44.30 THOLEIITIC
K2O	1.97	2.07	2.52	KP 0.00	AL2O3 13.60 NORM PLAG 88.11 THOLEIITIC
TiO2	0.41	0.43	0.31	AC 0.00	
P2O5	0.05	0.05	0.04	DI 0.00	AN 5.36 ABA 0.72 OR 93.92 K-RICH SERIES
MnO	0.79	0.20	0.16	HE 0.00	
S	0.00	0.00	0.00	EN 18.69	CI 26.70 NORM PLAG 88.11 BASALT
NiO	0.00	0.00	0.00	FS 5.24	
CR2O3	0.00	0.00	0.00	EO 0.00	JENSEN CALC-ALKALINE BASALT
CO2	0.00	0.00	0.00	FA 0.00	AL 50.91 FE 17.98 MG 31.11
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	4.51	0.00	0.00	MT 2.16	
TOTAL	95.03	100.00	100.00	IL 0.62	COLOR INDEX : 26.70 HASHIMOTO INDEX : 97.51
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 23.92	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 696.00:CU 105.00:ZN 845.00:NI 20.00:RB 58.00:SK 32.00:Y 20.00:ZK 78.00:NR 20.00:

COMMENTS : 2YR, SPH, CPY, GL

==== FALCONBRIDGE LTD =====
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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID : VB09668

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 082H05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296231.6 N : 5691969.0 RL : 1224.3
 DDH : BC-90-01 START DEPTH : 249.00 END DEPTH : 252.00

FIELD NAME : VOLCANICLASTIC, FELSIC, BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.17	67.13	63.87	Q 38.07	NA20+K20 4.29 SiO2 67.13 SUBALKALINE
Al2O3	15.40	16.37	18.35	C 12.05	
Fe2O3	6.58	2.14	1.53	OR 24.34	OLA 22.46 NEA 2.73 OA 74.81 SUBALKALINE
FeO	0.00	4.37	3.48	AB 2.65	
CaO	0.51	0.54	0.55	AN 2.26	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.17	4.43	6.28	LC 0.00	
Na2O	0.27	0.29	0.53	NE 0.00	A 28.59 F 41.90 M 29.51 THOLEIITIC
K2O	3.77	4.01	4.87	KP 0.00	
TiO2	0.51	0.54	0.39	AC 0.00	AL2O3 16.37 NORM PLAG 46.09 CALC-ALKALINE
P2O5	0.07	0.07	0.06	UI 0.00	
MnO	0.11	0.12	0.09	HE 0.00	AN 7.73 ABA 9.05 OR 83.22 K-RICH SERIES
S	0.00	0.00	0.00	EN 12.57	
NiO	0.00	0.00	0.00	ES 4.84	CY 20.47 NORM PLAG 46.09 ANDESITE
Cr2O3	0.00	0.00	0.00	SO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 60.92 FE 18.22 MG 20.86
LOI	3.49	0.00	0.00	MT 2.29	
TOTAL	94.10	100.00	100.00	IL 0.78	COLOR INDEX : 20.47 MASHIMOIO INDEX : 91.06
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AS 0.00	
				OL 0.00	
				OPX 17.40	
				CPX 0.00	
				ABA 2.65	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, KH, RU, HR (P.P.B.)

BA 1265.00:CU 77.00:ZN 150.00:NI 20.00:RB 103.00:SR 49.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS : HORNEELS, PY, SPH, CPY

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:20:30

SAMPLE ID # VB09669

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296233.7 N : 5691970.5 EL : 1220.1
 DDH : BC-90-01 START DEPTH : 254.00 END DEPTH : 257.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	62.41	67.25	64.10	B	38.83	NA2O+K2O	4.26	SiO2	67.25	SUBALKALINE		
Al2O3	15.68	16.90	18.98	C	11.74							
Fe2O3	6.03	2.11	1.52	DR	25.32	OLA	20.64	NEA	0.98	GA	78.37	SUBALKALINE
FeO	0.00	3.95	3.15	AB	0.90							
CaO	0.99	1.07	1.09	AN	5.01	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	3.56	3.84	5.45	LC	0.00							
Na2O	0.09	0.10	0.18	NY	0.00	A	20.54	F	41.94	M	27.52	THOLEIITIC
K2O	3.36	4.16	5.06	YP	0.00							
TiO2	0.46	0.50	0.36	AC	0.00	Al2O3	16.90	NORM	PLAG	84.83		THOLEIITIC
P2O5	0.06	0.06	0.05	DI	0.00							
MnO	0.07	0.08	0.06	KE	0.00	AM	16.05	ABA	2.87	OR	81.08	K-RICH SERIES
S	0.00	0.00	0.00	EM	10.90							
NiO	0.00	0.00	0.00	FS	4.19							
Cr2O3	0.00	0.00	0.00	EO	0.00	CT	18.07	NORM	PLAG	84.83		BASALT
Co2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WC	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O-	0.00	0.00	0.00	LN	0.00	Al	64.33	Fe	17.20	Mg	18.47	
LOT	6.99	0.00	0.00	MT	2.27							
				IL	0.71							
TOTAL	92.80	100.00	100.00	CR	0.00	COLOR INDEX :	18.07					
				HM	0.00	MAGMATIC INDEX :	87.29					
				AP	0.14							
				PS	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	15.09							
				CPX	0.00							
				ABA	0.90							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RW, RU, MG (P.P.B.)

BA 1266.00:CU 47.00:ZN 169.00:W 20.00:RB 105.00:SR 79.00:Y 20.00:ZR 81.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09670

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296241.5 N : 5691976.5 EL : 1203.7
 DDH : BC-90-01 START DEPTH : 273.00 END DEPTH : 276.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	55.02	60.00	56.39	Q	17.81	NA2O+K2O	4.19	SiO2	60.00	SUBALKALINE		
Al2O3	15.27	16.65	18.45	C	1.30	OLA	39.42	NEA	3.11	QA	57.47	SUBALKALINE
Fe2O3	6.72	2.06	1.46	OR	23.69	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.15	3.26	AB	2.19	A	25.59	F	36.70	M	37.72	THOLEIITIC
CaO	5.53	6.03	6.07	AN	29.93	AL2O3	16.65	NORM	PLAG	93.19	THOLEIITIC	
MgO	5.66	6.17	8.65	LC	0.00	AN	53.63	ABA	3.92	OR	42.45	K-RICH SERIES
Na2O	0.22	0.24	0.44	NE	0.00	OT	24.94	NORM	PLAG	93.19	BASALT	
K2O	3.62	3.95	4.74	KP	0.00	JENSEN	CALC-ALKALINE	BASALT				
TiO2	0.39	0.43	0.30	AC	0.00	AL	57.09	FE	16.16	MG	36.76	
P2O5	0.06	0.07	0.05	DI	0.00	COLOR INDEX :	24.94					
MnO	0.23	0.25	0.20	HE	0.00	HASHIMOTO INDEX :	61.74					
S	0.00	0.00	0.00	EN	17.29							
NiO	0.00	0.00	0.00	ES	4.87							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.21	0.00	0.00	MT	2.19							
TOTAL	91.70	100.00	100.00	IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	22.16							
				CPX	0.00							
				ABA	2.19							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1234.00:CU 41.00:ZN 177.00:NI 20.00:RB 94.00:SR 108.00:Y 20.00:ZR 83.00:NB 20.00:

COMMENTS : FORNFELS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:21:53

SAMPLE ID # VB09671

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296248.7 N : 5691981.5 EL : 1188.6
 DDH : BC-90-01 START DEPTH : 290.83 END DEPTH : 293.22

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COHINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.03	67.54	62.84	0 28.01	NA2O+K2O 5.52 SiO2 67.54 SUBALKALINE
Al2O3	15.64	16.24	17.82	C 6.32	
Fe2O3	4.60	2.00	1.40	OR 14.87	OLA 14.35 NEA 23.89 OA 61.76 SUBALKALINE
FeO	0.00	2.50	1.94	AB 27.17	
CaO	1.57	1.63	1.63	AN 7.72	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.86	4.01	5.56	LC 0.00	
Na2O	2.90	3.01	5.43	NE 0.00	A 39.90 F 31.10 M 29.00 THOLEIITIC
K2O	2.41	2.50	2.97	KP 0.00	
TiO2	0.43	0.45	0.31	AC 0.00	AL2O3 16.24 NORM PLAG 22.13 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.05	0.05	0.04	ME 0.00	AN 15.57 APA 54.60 OR 29.89 K-RICH SERIES
S	0.00	0.00	0.00	EN 11.12	
NiO	0.00	0.00	0.00	ES 1.94	CI 15.79 NORM PLAG 22.13 DACITE
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 65.80 FE 13.66 MG 20.53
LOI	3.37	0.00	0.00	MT 2.11	
TOTAL	96.28	100.00	100.00	IL 0.63	COLOR INDEX : 15.79 HASHIMOTO INDEX : 58.38
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				DPX 13.06	
				CPX 0.00	
				ABA 27.17	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 735.00:CU 23.00:2N 65.00:ND 20.00:RB 81.00:SR 112.00:Y 20.00:ZR 83.00:NR 20.00:

COMMENTS : HORNEELS

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:22:34

SAMPLE ID # VB09672

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296253.8 N : 5691985.5 EL : 1177.9
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 303.00 END DEPTH : 306.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COHINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.68	62.89	59.55	Q 22.98	NA2O+K2O 4.13 SiO2 62.83 SUBALKALINE
Al2O3	15.15	16.22	18.12	C 0.00	
Fe2O3	5.37	2.85	1.46	DR 20.93	OLA 20.32 NEA 9.29 QA 70.39 SUBALKALINE
FeO	0.00	3.33	2.64	AB 6.20	
CaO	6.92	7.47	7.52	AN 31.74	CPX 28.69 OL 0.00 OPX 71.31 SUBALKALINE
MgO	3.19	3.42	4.82	LC 0.00	
Na2O	0.63	0.67	1.24	NE 0.00	A 32.49 F 40.67 M 26.85 THOLEIITIC
K2O	3.23	3.46	4.19	KP 0.00	
TiO2	0.41	0.44	0.37	AC 0.00	AL2O3 16.22 NORM PLAG 83.66 THOLEIITIC
P2O5	0.06	0.06	0.05	DI 3.23	
MnO	0.10	0.11	0.09	ME 1.13	AM 53.92 ANA 10.53 OR 35.56 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.03	
NiO	0.00	0.00	0.00	FS 2.81	CJ 18.02 NORM PLAG 83.66 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.03 FE 16.40 MG 17.53
LOI	6.16	0.00	0.00	MT 2.19	
TOTAL	93.39	100.00	100.00	IL 0.63	COLOR INDEX : 18.02 HASHIMOTO INDEX : 45.96
				CR 0.00	
				HH 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 10.84	
				CPX 4.36	
				ABA 6.20	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, R1, RU, HG (P.P.B.)

BA 459.00:CU 27.00:ZN 47.00:NI 20.00:RB 82.00:SR 172.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS : HORNEELS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:32:14

SAMPLE ID # VB09676

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : J1
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDW : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296648.3 N : 5691656.0 RL : 1284.3
 START DEPTH : 19.00 END DEPTH : 22.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLSBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	63.77	67.38	64.50	Q	42.54
Al2O3	14.37	15.18	17.13	C	12.94
Fe2O3	8.39	2.05	1.48	DR	14.98
FeO	0.00	6.13	4.91	AB	0.10
CaO	0.62	0.66	0.67	AN	2.93
MgO	5.16	5.45	7.78	LC	0.00
Na2O	0.01	0.01	0.02	NE	0.00
K2O	2.32	2.45	3.00	KP	0.00
TiO2	0.44	0.46	0.33	AC	0.00
P2O5	0.06	0.06	0.05	DI	0.00
MnO	0.15	0.16	0.13	HE	0.00
S	0.00	0.00	0.00	EN	15.56
NiO	0.00	0.00	0.00	FS	7.93
Cr2O3	0.00	0.00	0.00	FD	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	4.82	0.00	0.00	HT	2.21
TOTAL	94.64	100.00	100.00	IL	0.67
				CR	0.00
				HM	0.00
				AP	0.14
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	23.49
				CPX	0.00
				AB*	0.10

CLASSIFICATIONS AND INDICES					
NA2O+K2O	2.46	SiO2	67.38	SUBALKALINE	
OLA	26.64	NE*	0.09	QA*	73.27
CPX	0.00	QL	0.00	OPX	100.00
A	15.49	F	50.20	H	34.31
AL2O3	15.18	NORM	PLAG	96.76	THOLEIITIC
AN	16.27	AN*	0.54	OK	83.19
CJ	26.37	NORM	PLAG	96.76	BASALT
JENSEN CALC-ALKALINE BASALT					
AL	53.94	FE	21.57	MG	24.49
COLOR INDEX : 26.37					
HASHIMOTO INDEX : 92.23					

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA	890.00:CU	145.00:ZN	534.00:NI	20.00:RB	56.00:SR	31.00:Y	21.00:ZR	85.00:NB	20.00:
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COMMENTS : ARGILLACEOUS

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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID + VB09677

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296651.5 N : 5691658.5 EL : 1277.3
 DDN : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 27.00 END DEPTH : 30.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES							
		ANHYDROUS WT %	ANHYDROUS CATION %									
SiO2	70.32	73.24	70.69	Q	52.99	NA20+K20	3.05	SiO2	73.24	SUBALKALINE		
Al2O3	14.04	14.62	16.64	C	12.16							
Fe2O3	5.64	1.99	1.44	OR	18.68	OLA	13.18	NEA	0.18	Q*	86.64	SUBALKALINE
FeO	0.00	3.50	2.82	AB	0.19							
CaO	0.38	0.40	0.40	AN	1.76	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
MgO	2.54	2.65	3.81	LC	0.00							
Na2O	0.02	0.02	0.04	NE	0.00	A	27.79	F	48.13	M	24.09	THOLEIITIC
K2O	2.91	3.03	3.74	KP	0.00							
TiO2	0.41	0.43	0.31	AC	0.00	Al2O3	14.62	NORM	PLAG	90.04	THOLEIITIC	
P2O5	0.04	0.04	0.03	GE	0.00							
MnO	0.09	0.09	0.08	HE	0.00	AN	8.54	ABA	0.94	OR	90.52	K-RICH SERIES
S	0.00	0.00	0.00	EN	7.61							
NiO	0.00	0.00	0.00	ES	3.73	CF	14.13	NORM	PLAG	90.04	BASALT	
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O-	0.00	0.00	0.00	LN	0.00	Al	66.29	FE	18.54	Mg	15.16	
LOI	3.67	0.00	0.00	MT	2.17							
TOTAL	96.02	100.00	100.00	IL	0.62							
				CR	0.00	COLOR INDEX :	14.13					
				HM	0.00	HASHIMOTO INDEX :	93.16					
				AP	0.09							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	11.34							
				CPX	0.00							
				ABA	0.19							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 1257.00:CU 172.00:ZN 376.00:W 20.00:RB 79.00:SR 39.00:Y 20.00:ZR 78.00:NB 20.00:

COMMENTS : ARGILLACEOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:33:37

SAMPLE ID # UB09678

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296655.1 N : 5691667.5 EL : 1269.5
 DDH : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 36.60 END DEPTH : 38.50

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.75	69.03	66.20	Q 45.53	NA20+K20 2.87 SiO2 69.03 SUBALKALINE
Al2O3	14.79	15.53	17.55	C 13.34	
Fe2O3	7.33	2.03	1.46	OR 17.49	OLA 21.92 NEA 0.09 GA 77.99 SUBALKALINE
FeO	0.00	5.10	4.09	AB 0.10	
CaO	0.39	0.41	0.42	AN 1.75	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.17	4.38	6.26	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 20.23 F 48.87 M 30.90 THOLEITIC
K2O	2.72	2.86	3.50	KP 0.00	
TiO2	0.43	0.45	0.33	AC 0.00	AL2O3 15.53 NORM PLAG 94.71 THOLEITIC
P2O5	0.05	0.05	0.04	BI 0.00	
MnO	0.15	0.16	0.13	ME 0.00	AN 9.04 ABA 0.50 OR 90.45 K-RICH SERIES
S	0.00	0.00	0.00	EN 12.51	
NiO	0.00	0.00	0.00	FS 6.33	CI 20.68 NORM PLAG 94.71 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 58.87 FE 20.15 MG 20.99
LOI	4.30	0.00	0.00	MT 2.19	
TOTAL	95.25	100.00	100.00	IL 0.65	COLOR INDEX : 21.68 HASHIMOTO INDEX : 94.51
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 18.84	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,(R,OS,RI),RU,HR (P.P.B.)

BA 1120.00:CU 105.00:ZN 427.00:NI 20.00:KB 76.00:SR 33.00:Y 20.00:ZR 92.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:35:00

SAMPLE ID # VB09680

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296662.5 N : 5691667.0 EL : 1253.1
 DOW : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 55.00 END DEPTH : 58.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANEHYDROUS WT %	NORMALIZED ANEHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	62.27	65.05	61.77	Q	34.49	Na2O+K2O	3.53	SiO2	65.05	SUBALKALINE		
Al2O3	16.29	17.02	19.05	C	9.72							
Fe2O3	6.30	2.09	1.49	OR	20.59	AlA	25.53	NEA	1.38	QA	73.08	SUBALKALINE
FeO	0.00	4.04	3.21	AB	1.25							
CaO	2.41	2.52	2.56	AN	12.39	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	4.66	4.87	6.89	LC	0.00							
Na2O	0.13	0.14	0.25	NE	0.00	A	24.66	F	41.35	M	33.99	THOLEIITIC
K2O	3.25	3.39	4.12	KP	0.00							
TiO2	0.50	0.52	0.37	AC	0.00	Al2O3	17.02	NORM	PLAG	90.83	THOLEIITIC	
P2O5	0.06	0.06	0.05	DI	0.00							
MnO	0.29	0.30	0.24	HE	0.00	AN	36.19	ARA	3.65	OR	60.15	K-RICH SERIES
S	0.00	0.00	0.00	EN	13.78							
NiO	0.00	0.00	0.00	FS	4.67	CI	21.43	NORM	PLAG	90.83	BASALT	
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O-	0.00	0.00	0.00	LN	0.00	AL	60.94	FE	17.02	MG	22.04	
LOI	3.98	0.00	0.00	MT	2.24							
				IL	0.75							
TOTAL	95.73	100.00	100.00	CR	0.00	COLOR INDEX :	21.43					
				HM	0.00	HASHIMOTO INDEX :	75.69					
				AP	0.13							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	18.45							
				CPX	0.00							
				ABA	1.25							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1230.00:CU 40.00:ZN 683.00:NI 20.00:RH 90.00:SR 58.00:Y 26.00:ZR 66.00:NB 20.00:

COMMENTS : ARGILLACEOUS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:35:41

SAMPLE ID # VB09681

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296667.1 N : 5691670.5 EL : 1242.6
 DOW : 80-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 67.00 END DEPTH : 70.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,I-SZ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONNCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	55.81	60.83	58.07	Q	24.35	NA2O+K2O	3.56	SiO2	60.83	SUBALKALINE		
Al2O3	14.66	15.98	17.98	C	5.45	OLA	37.13	NEA	1.09	QA	61.78	SUBALKALINE
Fe2O3	9.54	2.11	1.52	OR	21.13	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	7.55	6.03	AB	0.91	A	19.69	F	52.24	M	28.07	THOLEIITIC
CaO	3.72	4.05	4.15	AN	20.29	AL2O3	15.98	NORM	PLAG	95.72	THOLEIITIC	
MgO	4.66	5.08	7.23	LC	0.00	AN	47.94	ABA	2.14	OR	49.91	K-RIC SERIES
Na2O	0.09	0.10	0.18	NE	0.00	OP	27.73	NORM	PLAG	95.72	BASALT	
K2O	3.18	3.47	4.23	KF	0.00	JENSEN	CALC-ALKALINE	BASALT				
TiO2	0.44	0.48	0.34	AC	0.00	Al	53.95	Fe	24.37	Mg	21.68	
P2O5	0.06	0.07	0.05	DJ	0.00	COLOR INDEX :	27.73					
MnO	0.26	0.28	0.23	ME	0.00	WASHIMOTO INDEX :	67.30					
S	0.00	0.00	0.00	EM	14.45							
NiO	0.00	0.00	0.00	ES	10.31							
Cr2O3	0.00	0.00	0.00	SO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.30	0.00	0.00	MT	2.28							
TOTAL	91.75	100.00	100.00	IL	0.69							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	24.76							
				CPX	0.00							
				ABA	0.91							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1250.00:CU 54.00:ZN 1030.00:NI 20.00:RB 77.00:SR 65.00:Y 20.00:ZR 71.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:36:23

SAMPLE ID # VB09682

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 13
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296673.7 N : 5691676.0 RL : 1227.3
 START DEPTH : 84.50 END DEPTH : 87.50

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	55.35	59.26	55.11	R 26.28	NA2O+K2O 3.22 SiO2 59.26 SUBALKALINE
Al2O3	18.29	19.58	21.46	C 15.36	
Fe2O3	6.70	2.26	1.58	OR 18.69	DI* 39.48 NE* 0.71 GA* 59.81 SUBALKALINE
FeO	0.00	4.42	3.44	AB 0.68	
CaO	1.15	1.23	1.23	AN 5.57	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	8.55	9.15	12.69	LC 0.00	
Na2O	0.07	0.07	0.14	NE 0.00	A 17.11 F 34.28 M 48.61 THOLEIITIC
K2O	2.94	3.15	3.74	KP 0.00	
TiO2	0.61	0.65	0.46	AC 0.00	AL2O3 19.58 NORM FLAG 89.19 CALC-ALKALINE
P2O5	0.08	0.09	0.07	DI 0.00	
MnO	0.12	0.13	0.10	NE 0.00	AM 22.34 AR* 2.71 OR 74.95 K-RICH SERIES
S	0.00	0.00	0.00	EN 25.37	
NiO	0.00	0.00	0.00	FS 4.59	CT 33.24 NORM FLAG 89.19 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 54.03 FE 14.04 MG 31.93
LOI	6.40	0.00	0.00	MT 2.37	
TOTAL	93.40	100.00	100.00	IL 0.91	COLOR INDEX : 33.24 MASHIMOTO INDEX : 90.40
				OR 0.00	
				HK 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 29.96	
				CPX 0.00	
				AB* 0.68	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,R4,RU,HG (P.P.B.)

BA 1333.00:CU 27.00:ZN 204.00:NI 20.00:RB 78.00:SR 60.00:Y 20.00:ZR 95.00:NB 20.00:

COMMENTS : CHERTY

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:37:04

SAMPLE ID # VB09683

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296676.1 N : 5691678.0 EL : 1221.6
 DDH : BC-90-2 START DEPTH : 91.00 END DEPTH : 94.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,(-SX,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.77	62.98	59.56	Q 31.33	NA2O+K2O 3.57 SiO2 62.98 SUBALKALINE
Al2O3	16.31	17.48	19.48	C 12.48	
Fe2O3	7.29	2.16	1.54	OK 21.03	OLA 31.29 NEA 0.86 QA 67.86 SUBALKALINE
FeO	0.00	5.08	4.02	AB 0.79	
CaO	1.78	1.91	1.93	AN 9.09	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.66	6.07	8.55	LC 0.00	
Na2O	0.08	0.09	0.16	NE 0.00	A 21.42 F 42.18 H 36.40 THOLEIITIC
K2O	3.25	3.48	4.21	KP 0.00	Al2O3 17.48 NORM PLAG 92.04 THOLEIITIC
TiO2	0.52	0.56	0.40	AC 0.00	
P2O5	0.08	0.09	0.07	BT 0.00	
MnO	0.11	0.12	0.09	HE 0.00	AN 29.4) ABA 2.54 OR 68.04 K-RICH SERIES
S	0.00	0.00	0.00	EN 17.10	
NiO	0.00	0.00	0.00	FS 5.89	CI 26.09 NORM PLAG 92.04 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 57.16 FE 17.75 MG 25.08
LOI	5.78	0.00	0.00	MT 2.31	
TOTAL	98.32	100.00	100.00	IL 0.79	DBLR INDEX : 26.09 HASHIMOTO INDEX : 82.73
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 22.99	
				CPX 0.00	
				ABA 0.79	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 1251.00:CU 23.00:ZN 121.00:NI 20.00:RB 80.00:SR 64.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS :

==== F A I C O N B R Y D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VR09684

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296678.6 N : 5691680.0 EL : 1215.4
 DDH : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 98.00 END DEPTH : 101.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-S%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	64.43	66.29	62.97	Q	34.57
Al2O3	15.58	16.03	17.95	C	6.11
Fe2O3	5.43	1.97	1.40	OR	19.41
FeO	0.00	3.26	2.59	AB	1.33
CaO	3.74	3.85	3.92	AN	19.24
MgO	4.50	4.63	6.55	LC	0.00
Na2O	0.14	0.14	0.27	NE	0.00
K2O	3.11	3.20	3.88	KP	0.00
TiO2	0.41	0.42	0.30	AC	0.00
P2O5	0.05	0.05	0.04	DI	0.00
MnO	0.15	0.15	0.12	KE	0.00
S	0.00	0.00	0.00	EN	13.11
NiO	0.00	0.00	0.00	FS	3.42
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	EA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	2.59	0.00	0.00	MT	2.11
TOTAL	97.19	100.00	100.00	IL	0.60
				CR	0.00
				HM	0.00
				AP	0.11
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				DL	0.00
				OPX	16.53
				CPX	0.00
				ABA	1.33

CLASSIFICATIONS AND INDICES

Na2O+K2O	3.34	SiO2	66.29	SUBALKALINE		
Al2O3	16.03	NORM PLAG	93.55	THOLEIITIC		
AN	48.13	ABA	3.32	OR	48.56	K-RICH SERIES
CI	19.24	NORM PLAG	93.55	BASALT		
DIAG	23.65	NEA	1.52	QA	74.84	SUBALKALINE
CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
A	25.72	F	38.67	M	35.61	THOLEIITIC
AL	62.06	FE	15.28	MG	22.66	JENSEN CALC-ALKALINE ANDESITE

COLOR INDEX : 19.24
 HASHIMOTO INDEX : 66.23

TRACE ELEMENTS (P.P.M.) AU,RE,PT,Pb,IR,OS,RH,RU,HG (P.P.B.)

BA 1139.00:CU 23.00:ZN 164.00:NI 20.00:RB 77.00:SR 100.00:Y 20.00:ZK 94.00:NB 28.00:

COMMENTS : C-LORITIC

==== F A I C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID * VB09685

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 062M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296680.8 N : 5691681.5 PL : 1210.0
 DDH : RC-90-2 START DEPTH : 104.00 END DEPTH : 107.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.12	66.41	62.36	Q 28.62	NA20+K20 4.41 SiO2 66.41 SUBALKALINE
Al2O3	15.17	15.71	17.39	C 4.43	
Fe2O3	5.54	1.98	1.40	OR 14.29	OLA 18.45 NEA 17.75 GA 63.80 SUBALKALINE
FeO	0.00	3.38	2.66	AB 18.48	
CaO	3.14	3.25	3.27	AN 16.02	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.07	4.22	5.90	LC 0.00	
Na2O	1.96	2.03	3.70	NE 0.00	A 31.99 F 37.44 M 30.57 THOLEIITIC
K2O	2.30	2.38	2.86	KP 0.00	
TiO2	0.41	0.42	0.30	AC 0.00	AL2O3 15.71 NORM PLAG 46.43 THOLEIITIC
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.15	0.16	0.12	HE 0.00	AN 32.84 ABA 37.88 OR 29.28 K-RICH SERIES
S	0.00	0.00	0.00	SN 11.80	
NiO	0.00	0.00	0.00	FS 3.56	CJ 18.06 NORM PLAG 46.43 ANDESITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 62.63 FE 16.13 MG 21.24
LOI	3.22	0.00	0.00	MT 2.10	
TOTAL	96.55	100.00	100.00	IL 0.60	COLOR INDEX : 18.06 HASHIMOTO INDEX : 55.54
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 15.36	
				CPX 0.00	
				ABA 18.48	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, KR, OS, RH, RU, HG (P.P.B.)

BA 1118.00:CU 69.00:ZN 260.00:NI 20.00:KR 53.00:SR 95.00:Y 20.00:ZK 92.00:NR 20.00:

COMMENTS : ARGILLACEOUS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:39:09

SAMPLE ID # VB09686

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 MTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296685.8 N : 5691685.5 EL : 1197.4
 DDH : 8C-90-2 START DEPTH : 118.00 END DEPTH : 121.00

PROJECT # 1146

PROVINCE : BRITISH COLUMBIA

PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	65.18	67.30	62.89	Q	27.73	NA2O+K2O	4.94	SiO2	67.30	SUBALKALINE		
Al2O3	15.28	15.78	17.38	C	3.91	Or	14.79	NEA	22.92	GA	62.29	SUBALKALINE
Fe2O3	4.87	1.94	1.36	OR	12.88	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.78	2.17	AB	25.16	A	37.40	F	34.28	M	28.32	TIOLETTIC
CaO	2.90	2.99	3.00	AN	14.65	AL2O3	15.78	NORM	PLAG	36.80		CALC-ALKALINE
MgO	3.62	3.74	5.21	LC	0.00	AN	27.81	ABA	47.75	OR	24.44	K-RICH SERIES
Na2O	2.69	2.78	5.03	NE	0.00	S	0.00					
K2O	2.09	2.16	2.58	KP	0.00	NiO	0.00					
TiO2	0.38	0.39	0.28	AC	0.00	CR2O3	0.00					
P2O5	0.00	0.00	0.04	DI	0.00	CO2	0.00					
MnO	0.09	0.09	0.07	HE	0.00	H2O+	0.00					
S	0.00	0.00	0.00	EN	10.41	H2O-	0.00					
NiO	0.00	0.00	0.00	PS	2.57	LD%	3.10					
CR2O3	0.00	0.00	0.00	FS	0.00	TOTAL	96.85		100.00		100.00	
CO2	0.00	0.00	0.00	ED	0.00							
H2O+	0.00	0.00	0.00	FA	0.00							
H2O-	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
LD%	3.10	0.00	0.00	LN	0.00	AL	65.65	FE	14.68	MG	19.67	
				MT	2.05							
				IL	0.55							
				CR	0.00	COLOR INDEX :		15.58				
				HM	0.00	HASHIMOTO INDEX :		50.53				
				AP	0.11							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.98							
				CPX	0.00							
				ABA	25.16							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 942.00:CU 24.00:ZN 100.00:NI 20.00:RB 60.00:SR 99.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS : CHLORITIC

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09687

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296693.0 N : 5691689.5 RL : 1179.4
 DDH : BC-90-2 START DEPTH : 130.00 END DEPTH : 141.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : SPOTS , CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESBS, <1% , PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.01	63.93	59.72	Q 18.64	NA2O+K2O 5.70 SiO2 63.93 SUBALKALINE
Al2O3	15.61	16.36	18.01	C 0.19	
Fe2O3	5.54	2.01	1.41	OR 17.63	OLA 16.77 NEA 26.62 Q* 56.6 SUBALKALINE
FeO	0.00	3.41	2.67	AB 24.86	
CaO	4.51	4.73	4.73	AN 23.30	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.10	3.25	4.52	LC 0.00	
Na2O	2.62	2.75	4.97	NE 0.00	A 40.22 F 36.86 K 22.92 THOLEITIC
K2O	2.82	2.96	3.53	KP 0.00	
TiO2	0.42	0.44	0.31	AC 0.00	AL2O3 16.36 NORM PLAG 48.39 CALC-ALKALINE
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.11	0.12	0.09	BE 0.00	AN 35.42 ABA 37.79 OR 26.79 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.04	
NiO	0.00	0.00	0.00	ES 3.48	DT 15.27 NORM PLAG 48.39 ANDESITE
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.67 FE 16.59 MG 16.74
LOI	4.17	0.00	0.00	MT 2.12	
TOTAL	95.43	100.00	100.00	IL 0.62	COLOR INDEX : 15.27 NASHIMOTO INDEX : 45.36
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				XS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.53	
				CPX 0.00	
				ABA 24.86	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HB (P.P.B.)

BA 961.00:CU 37.00:ZN 48.00:NI 20.00:RR 75.00:SR 130.00:Y 20.00:ZR 82.00:NB 20.00:

COMMENTS : SPOTTY-HORNFEELSING

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:40:32

SAMPLE ID # VB09688

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082W05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1246
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296701.5 N : 5691694.0 EL : 1159.0
 DDH : 80-90-2 START DEPTH : 160.70 END DEPTH : 163.70

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.06	63.49	60.13	Q 24.10	NA2O+K2O 3.98 SiO2 63.49 SUBALKALINE
Al2O3	15.01	16.41	18.33	C 0.00	
Fe2O3	5.53	2.10	1.50	OR 16.93	OLA 18.78 NEA 13.95 QA 67.26 SUBALKALINE
FeO	0.00	3.55	2.81	AB 10.84	
CaO	6.16	6.74	6.84	AN 31.92	CPX 11.47 DL 0.00 OPX 88.53 SUBALKALINE
MgO	2.85	3.12	4.40	LC 0.00	
Na2O	1.08	1.18	2.17	NE 0.00	A 30.75 F 48.40 M 24.86 THOLEIITIC
K2O	2.56	2.80	3.39	KP 0.00	
TiO2	0.42	0.46	0.33	AC 0.00	AL2O3 16.41 NORM PLAG 74.65 THOLEIITIC
P2O5	0.05	0.05	0.04	RI 1.07	
MnO	0.09	0.10	0.08	HF 0.44	AN 53.47 ABA 18.16 OR 28.36 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.26	
NiO	0.00	0.00	0.00	FS 3.41	DI 16.09 NORM PLAG 74.65 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.78 FE 17.19 MG 16.03
LOI	7.75	0.00	0.00	MT 2.24	
TOTAL	91.45	100.00	100.00	IL 0.65	COLOR INDEX : 16.09 HASHIMOTO INDEX : 42.77
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 11.68	
				CPX 1.51	
				ABA 10.84	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RH, RU, HG (P.P.B.)

BA 751.00:CU 63.00:ZN 52.00:NI 20.00:RB 66.00:SK 143.00:Y 20.00:ZR 89.00:NB 20.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:41:13

SAMPLE ID # VB09689

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296709.9 N : 5691700.0 EL : 1140.8
 DDH : BC-90-2 START DEPTH : 182.00 END DRPTH : 184.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 01-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	53.97	62.75	59.86	Q 29.67	NA2O+K2O 2.49 SiO2 62.75 SUBALKALINE
Al2O3	15.45	17.96	20.20	C 2.28	
Fe2O3	4.98	2.24	1.61	OX 15.09	DLA 22.01 NEA 0.15 OA 77.83 SUBALKALINE
FeO	0.00	3.19	2.55	AB 0.11	
CaO	6.34	7.37	7.53	AN 37.20	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.85	3.31	4.71	LC 0.00	
Na2O	0.00	0.01	0.02	NE 0.00	A 22.60 F 47.31 H 30.09 THOLEITIC
K2O	2.13	2.48	3.02	KP 0.00	
TiO2	0.43	0.50	0.36	AC 0.00	AL2O3 17.96 NORM PLAG 99.71 THOLEITIC
P2O5	0.06	0.07	0.06	BI 0.00	
MnO	0.10	0.12	0.09	BR 0.00	AN 71.00 ABA 0.21 OR 28.79 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.42	
NiO	0.00	0.00	0.00	FS 2.95	CF 15.50 NORM PLAG 99.70 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 68.43 FE 15.60 MG 15.96
LOI	13.35	0.00	0.00	MT 2.42	
TOTAL	86.01	100.00	100.00	IL 0.72	COLOR INDEX : 15.51 WASHIMOTO INDEX : 43.95
				CR 0.00	
				HM 0.00	
				AP 0.15	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.37	
				CPX 0.00	
				ABA 0.11	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 334.00:CU 20.00:ZN 32.00:NI 20.00:RB 59.00:SR 139.00:Y 20.00:ZR 81.00:NB 20.00:

COMMENTS : BLEACHED - FELSIC

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:41:55

SAMPLE ID # VB09690

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165 FIELD NUMBER : PROJECT # 1146
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 082M05 GRID COORDINATES : E : 296713.8 N : 5691703.0 EL : 1132.5
 UTM ZONE : JJ DDH : RC-90-2 START DEPTH : 191.00 END DEPTH : 194.00
 SAMPLE TYPE : DRILL HOLE

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : R McLAUGHLIN
 ANALYZED BY : DOMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.68	63.74	60.28	Q 22.55	NA2O+K2O 4.95 SiO2 63.74 SUBALKALINE
Al2O3	15.39	16.44	18.32	C 0.00	
Fe2O3	5.45	2.05	1.46	OR 22.30	OL* 18.07 NE* 15.26 Q* 66.68 SUBALKALINE
FeO	0.00	3.39	2.69	AB 11.36	
CaO	5.66	6.05	6.13	AN 28.94	CPX 9.03 OL 0.00 OPX 90.97 SUBALKALINE
MgO	2.62	2.80	3.94	LC 0.00	
Na2O	1.16	1.24	2.27	NE 0.00	A 38.09 F 40.35 K 21.56 THOLEIITIC
K2O	3.47	3.71	4.48	KP 0.00	
TiO2	0.42	0.45	0.32	AC 0.00	Al2O3 16.44 NORM PLAG 71.81 THOLEIITIC
P2O5	0.05	0.05	0.04	DI 0.75	
MnO	0.08	0.09	0.07	ME 0.32	AN 46.17 AB* 18.12 OR 35.71 K-RICH SERIES
S	0.00	0.00	0.00	EN 7.52	
NiO	0.00	0.00	0.00	ES 3.24	OT 14.66 NORM PLAG 71.81 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 68.38 FE 16.90 MG 14.72
LOI	5.62	0.00	0.00	MT 2.19	
TOTAL	93.63	100.00	100.00	IL 0.64	COLOR INDEX : 14.66 WASHIMOTO INDEX : 47.17
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 10.76	
				CPX 1.07	
				AB* 11.36	

TRADE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 522.00:CU 56.00:ZN 39.00:NI 20.00:RB 96.00:SR 164.00:Y 20.00:ZR 97.00:NB 20.00:

COMMENTS : SPOTTY/PERVASIVE CHLORITE

==== F A I L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:42:37

SAMPLE ID # VB09691

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FISLO NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296718.4 N : 5691706.5 EL : 1121.9
 DDH : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 203.00 END DEPTH : 206.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.42	65.00	61.49	Q	26.81	NA2O+K2O	4.37	SiO2	65.10	SUBALKALINE		
Al2O3	15.49	16.69	18.58	C	2.01	OLA	15.63	NFA	17.04	Q*	67.33	SUBALKALINE
Fe2O3	5.20	2.07	1.47	OR	16.51	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.18	2.51	AB	15.00	A	35.71	F	41.16	M	23.13	THOLEIITIC
CaO	4.79	5.16	5.22	AN	25.69	AL2O3	16.69	NORM	PLAG	63.14	THOLEIITIC	
MgO	2.63	2.83	3.99	LC	0.00	AN	44.91	ABA	26.22	OR	28.86	K-RICH SERIES
Na2O	1.52	1.64	3.00	NE	0.00	CI	13.86	NORM	PLAG	63.14	BASALT	
K2O	2.54	2.74	3.30	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.42	0.45	0.32	AC	0.00	AL	68.99	FE	16.20	MG	14.81	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX :	13.86					
MnO	0.07	0.08	0.06	HE	0.00	WASHINGTON INDEX :	45.03					
S	0.00	0.00	0.00	EN	7.98							
NiO	0.00	0.00	0.00	ES	3.03							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.83	0.00	0.00	MT	2.21							
TOTAL	92.81	100.00	100.00	IL	0.64							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	11.01							
				CPX	0.00							
				ABA	15.00							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RH, RU, HG (P.P.B.)

BA 561.00:CU 20.00:ZN 42.00:NI 20.00:KB 66.00:SR 136.00:Y 20.00:ZR 88.00:NB 20.00:

COMMENTS : SPOTTY - HORNFELSING

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:43:18

SAMPLE ID : VB09692

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296724.2 N : 5691711.0 EL : 1106.5
 DDH : BC-90-2

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 220.00 END ORPTH : 223.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, QUARTZ PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.23	64.73	61.39	Q 27.58	NA2O+K2O 3.94 SiO2 64.73 SUBALKALINE
Al2O3	15.31	16.45	18.39	C 1.67	
Fe2O3	5.51	2.04	1.46	OR 17.64	OLA 18.87 NEA 11.49 GA 69.64 SUBALKALINE
FeO	0.00	3.49	2.77	AB 9.48	
CaO	5.24	5.63	5.72	AN 28.25	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.91	3.13	4.42	LC 0.00	
Na2O	0.96	1.03	1.90	NE 0.00	A 31.81 F 42.97 M 25.22 THOLEIITIC
K2O	2.71	2.91	3.53	KP 0.00	
TiO2	0.40	0.43	0.31	AC 0.00	AL2O3 16.45 NORM PLAG 74.87 THOLEIITIC
P2O5	0.05	0.05	0.04	BT 0.00	
MnO	0.09	0.10	0.08	HE 0.00	AN 50.02 ABA 17.13 OR 31.85 K-RYOL SERIES
S	0.00	0.00	0.00	EN 8.84	
NiO	0.00	0.00	0.00	ES 3.62	CI 15.26 NORM PLAG 74.87 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 67.07 FE 16.83 MG 16.12
LOI	6.39	0.00	0.00	MT 2.19	
TOTAL	93.05	100.00	100.00	IL 0.61	COLOR INDEX : 15.26 WASHKING INDEX : 47.55
				CR 0.00	
				HM 0.00	
				AP 0.12	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.46	
				CPX 0.00	
				ABA 9.48	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rb, Ru, Mg (P.P.B.)

BA 539.00:CU 20.00:ZN 41.00:NI 20.00:RB 68.00:SR 123.00:Y 20.00:ZR 91.00:NB 20.00:

COMMENTS : VARIABLY HORNFEISED

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:44:00

SAMPLE ID # VB09693

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296726.1 N : 5691712.0 EL : 1101.0
 DDH : WC-90-2 START DEPTH : 226.00 END DEPTH : 229.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONINCO

DATE : 11-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT X	NORMALIZED ANHYDROUS WT X	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.94	67.69	64.50	Q 40.84	NA2O+K2O 2.58 S7O2 67.69 SUBALKALINE
Al2O3	15.39	16.55	18.59	C 9.52	
Fe2O3	5.84	2.12	1.52	OR 11.52	OLA 17.99 NE* 6.14 O* 75.87 SUBALKALINE
FeO	0.00	3.73	2.98	AB 6.36	
CaO	2.58	2.77	2.83	AN 13.73	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.61	1.88	5.51	LC 0.00	
Na2O	0.64	0.69	1.27	NE 0.00	A 21.31 F 46.65 M 32.05 THOLEIITIC
K2O	1.76	1.89	2.30	KP 0.00	
TiO2	0.47	0.57	0.36	AC 0.00	AL2O3 16.55 NORM PLAG 68.35 THOLEIITIC
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.08	0.09	0.07	HE 0.00	AN 43.44 AN* 20.12 OR 36.44 K-RICH SERIES
S	0.00	0.00	0.00	EN 11.03	
NiO	0.00	0.00	0.00	ES 3.86	CI 17.89 NORM PLAG 68.35 BASALT
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 64.02 FE 17.00 MG 18.99
LOT	5.13	0.00	0.00	MT 2.28	
TOTAL	92.98	100.00	100.00	IL 0.72	COLOR INDEX : 17.89
				CR 0.00	HASHIMOTO INDEX : 62.51
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.89	
				CPX 0.00	
				ABA 6.36	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RA,RU,HR (P.P.B.)

BA 814.00:CB 21.00:ZN 40.00:NI 20.00:RB 79.00:SR 109.00:Y 20.00:ZK 93.00:NB 20.00:

COMMENTS : WEAK BITUMINE DEVELOPMENT

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:44:42

SAMPLE ID # VB09694

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296688.7 N : 5690735.5 EL : 1159.8
 DDH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 17.00 END DEPTH : 20.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	22.37	32.21	30.64	Q	14.04	NA2O+K2O	3.84	SiO2	32.21	ALKALINE		
Al2O3	4.75	6.84	7.67	C	0.00							
Fe2O3	3.10	2.45	1.75	OR	0.00	OLA	93.96	NEA	6.04	GA	0.00	ALKALINE
FeO	0.00	1.81	1.44	AB	0.00							
CaO	36.70	52.84	53.86	AN	13.50	CPX	0.00	OL	100.00	OPX	0.00	SUBALKALINE
MgO	0.90	1.30	1.84	LC	0.00							
Na2O	0.03	0.04	0.08	ME	0.24	A	25.76	F	56.13	M	18.11	THOLEIITIC
K2O	1.25	1.80	2.19	KP	6.56							
TiO2	0.20	0.29	0.21	AC	0.00	AL2O3		6.84	NORM	PLAG	97.14	THOLEIITIC
P2O5	0.05	0.07	0.06	DI	0.00							
MnO	0.24	0.35	0.28	HE	0.00	AN	97.74	ABA	2.86	OR	0.00	SCDIC
S	0.00	0.00	0.00	EN	0.00							
NiO	0.00	0.00	0.00	ES	0.00	CJ		6.75	NORM	PLAG	97.14	BASALT
CR2O3	0.00	0.00	0.00	FO	2.76							
CO2	0.00	0.00	0.00	PA	0.96							
H2O+	0.00	0.00	0.00	WO	97.16	JENSEN						THOLEIITIC ANDESITE
H2O-	0.00	0.00	0.00	LN	3.71	AL	58.16	FE	27.91	MG	13.93	
LOI	29.43	0.00	0.00	MT	2.63							
				IL	0.41							
TOTAL	69.45	100.00	100.00	CR	0.00	COLOR INDEX :		6.75				
				HM	0.00	HASHIMOTO INDEX :		5.53				
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	3.71							
				OPX	0.00							
				CPX	0.00							
				ABA	0.40							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 170.00:CU 150.00:ZN 154.00:NI 20.00:RB 38.00:SR 805.00:Y 38.00:ZR 117.00:NB 20.00:

COMMENTS : SP1, GL, CPY, PYR

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:46:04

SAMPLE ID # VB09696

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-163
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296708.8 N : 5690748.5 EL : 1124.5
 DDW : BC-90-03 START DEPTH : 60.00 END DEPTH : 63.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% , LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	65.15	68.98	65.53	Q 41.60	NA2O+K2O 4.18 SiO2 68.98 SUBALKALINE
Al2O3	16.49	17.46	19.55	C 10.70	
Fe2O3	3.44	2.18	1.56	OR 23.77	OLA 12.97 NEA 2.75 Q* 84.29 SUBALKALINE
FeO	0.00	1.31	1.04	AB 2.44	
CaO	1.78	1.88	1.92	AN 9.02	CPX 0.00 OL 0.00 OPX 100.00 SUPALKALINE
MgO	3.07	3.25	4.60	LC 0.00	
Na2O	0.25	0.26	0.49	NE 0.00	A 39.05 F 30.60 K 30.35 THOLEIITIC
K2O	3.70	3.92	4.75	KP 0.00	
TiO2	0.56	0.59	0.42	AC 0.00	Al2O3 17.46 NORM PLAG 78.73 THOLEIITIC
P2O5	0.08	0.08	0.07	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 25.62 ARA 6.92 OR 67.47 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.20	
NiO	0.00	0.00	0.00	FS 0.00	CJ 12.29 NORM PLAG 78.73 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 73.77 FE 11.33 MG 16.89
LOI	5.57	0.00	0.00	MT 2.04	
TOTAL	94.45	100.00	100.00	IL 0.85	COLOR INDEX : 12.29 BASHKIROV INDEX : 76.93
				CR 0.00	
				HM 0.20	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.20	
				CPX 0.00	
				ABA 2.44	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1219.00:CU 23.00:ZN 158.00:NI 20.00:RB 101.00:SR 74.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS : FYR, PO

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09697

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296716.1 N : 5690753.5 EL : 1111.3
 00M : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 76.00 END DEPTH : 79.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SX,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.74	65.94	62.62	Q 37.41	NA20+K20 3.25 SiO2 65.94 SUBALKALINE
Al2O3	15.67	16.74	18.73	C 11.02	
Fe2O3	6.17	2.16	1.54	OR 19.17	OLA 24.92 NEA 0.82 OA 74.25 SUBALKALINE
FeO	0.00	3.99	3.17	AB 0.79	
CaO	1.82	1.94	1.98	AN 9.32	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.92	5.26	7.44	LC 0.00	
Na2O	0.00	0.09	0.16	NR 0.00	A 22.50 F 41.09 W 36.41 THOLEIITIC
K2O	2.96	3.16	3.83	KP 0.00	
TiO2	0.52	0.56	0.40	AC 0.00	AL2O3 16.74 NORM PLAG 92.21 THOLEIITIC
P2O5	0.08	0.09	0.07	DI 0.00	
MnO	0.08	0.09	0.07	HE 0.00	AN 30.82 AB* 2.69 OR 65.49 K-RICH SERIES
S	0.00	0.00	0.00	EN 14.87	
NiO	0.00	0.00	0.00	FS 4.14	CT 22.12 NORM PLAG 92.21 BASALT
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALD-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 59.77 FE 16.53 MG 23.73
LOT	6.16	0.00	0.00	MT 2.31	
				IL 0.79	
TOTAL	93.62	100.00	100.00	CR 0.00	COLOR INDEX : 22.12
				HM 0.00	HASHIMOTO INDEX : 80.57
				AP 0.18	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 19.01	
				CPX 0.00	
				AB* 0.79	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,R-L,RU,HR (P.P.B.)

BA 843.00:CU 80.00:ZN 165.00:NI 20.00:RB 83.00:SR 76.00:Y 20.00:ZR 90.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:47:27

SAMPLE ID # VB0969B

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 13
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296724.4 N : 5690759.0 EL : 1095.3
 DDM : 8C-90-03 START DEPTH : 95.00 END DEPTH : 98.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.88	67.55	63.93	Q 41.75	NA2O+K2O 2.47 SiO2 67.55 SUBALKALINE
Al2O3	14.57	15.41	17.19	C 13.27	
Fe2O3	6.24	2.11	1.51	DR 14.83	OLA 27.66 NEX 0.18 GA 72.17 SUBALKALINE
FeO	0.00	4.03	3.19	AB 0.19	
CaO	0.52	0.55	0.56	AN 2.29	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.78	7.17	10.11	LC 0.00	
Na2O	0.02	0.02	0.04	NE 0.00	A 15.88 F 38.11 M 46.01 THOLEIITIC
K2O	2.32	2.45	2.97	KP 0.00	
TiO2	0.50	0.53	0.38	AC 0.00	Al2O3 15.41 NORM PLAG 92.20 THOLEIITIC
P2O5	0.07	0.07	0.06	DT 0.00	
MnO	0.09	0.10	0.08	BE 0.00	AM 13.24 ABA 1.12 DR 85.64 K-RICH SERIES
S	0.00	0.00	0.00	EM 20.22	
NiO	0.00	0.00	0.00	FS 4.28	CI 27.52 NORM PLAG 92.20 BASALT
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 52.96 FE 15.88 MG 31.16
LOI	5.20	0.00	0.00	NT 2.26	
TOTAL	94.57	100.00	100.00	IL 0.75	COLOR INDEX : 27.52 NASHIMOTO INDEX : 94.40
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 24.50	
				CPX 0.00	
				ABA 0.19	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 711.00:CU 74.00:ZN 123.00:NB 20.00:KB 64.00:SR 42.00:Y 20.00:ZR 77.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:48:09

SAMPLE ID # VB09699

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296732.2 N : 5690764.5 EL : 1079.1
 DDH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 114.00 END DEPTH : 117.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CUMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.04	66.00	62.66	Q 36.38	NA2O+K2O 3.00 SiO2 66.00 SUBALKALINE
Al2O3	14.16	15.31	17.13	C 9.58	
Fe2O3	6.73	2.14	1.53	OR 17.83	OLA 28.65 NEA 0.50 QA 70.85 SUBALKALINE
FeO	0.00	4.62	3.67	AB 0.50	
CaO	1.86	2.01	2.05	AN 9.72	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.72	6.18	8.75	LC 0.00	
Na2O	0.05	0.05	0.10	NE 0.00	A 19.04 F 41.63 M 39.32 THOLEIITIC
K2O	2.72	2.94	3.57	KP 0.00	AL2O3 15.31 NORM PLAS 95.13 THOLEIITIC
TiO2	0.48	0.52	0.37	AC 0.00	
P2O5	0.07	0.08	0.06	DE 0.00	
MnO	0.13	0.14	0.11	HE 0.00	AN 34.66 ABA 1.77 OR 63.57 K-RICH SERIES
S	0.00	0.00	0.00	EN 17.50	
NiO	0.00	0.00	0.00	ES 5.29	OT 25.83 NORM PLAS 95.13 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 54.28 FE 18.00 MG 27.72
LOI	6.97	0.00	0.00	MT 2.29	
TOTAL	92.48	100.00	100.00	IL 0.74	COLOR INDEX : 25.83 WASHINGTON INDEX : 81.55
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				QL 0.00	
				OPX 22.80	
				CPX 0.00	
				ABA 0.50	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 640.00:CU 73.00:ZN 918.00:NI 20.00:RB 66.00:SR 67.00:Y 20.00:ZR 103.00:NB 20.00:

COMMENTS : PYR, SPH, GL

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:50:13

SAMPLE ID + VB09702

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT + X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 17
 SAMPLE TYPE : DRILL CORE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296744.3 N : 5690775.0 EL : 1049.2
 DDH : BC-90-03 START DEPTH : 148.00 END DEPTH : 151.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,1-5%,SPHALERITE PLUS PYRITE AND GALENA.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	60.22	65.67	61.63	0	25.46 NA2O+K2O 5.65 SiO2 65.67 SUBALKALINE				
Al2O3	15.79	17.22	19.04	0	3.72				
Fe2O3	4.96	2.10	1.49	0R	20.97 OL* 12.79 NK* 21.61 Q* 65.60 SUBALKALINE				
FeO	0.00	2.33	1.87	AB	19.54				
CaO	3.36	3.66	3.68	AN	18.06 CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE				
MgO	2.46	2.68	3.75	LC	0.00				
Na2O	1.97	2.15	3.91	NE	0.00 A 44.80 F 33.93 M 21.27 THOLEIITIC				
K2O	3.23	3.50	4.19	KP	0.00				
TiO2	0.43	0.47	0.33	AC	0.00 AL2O3 17.22 NORM PLAG 48.03 CALC-ALKALINE				
P2O5	0.05	0.05	0.04	DC	0.00				
MnO	0.09	0.10	0.08	HE	0.00 AN 30.83 AB* 33.36 OR 35.81 K-RICH SERIES				
S	0.00	0.00	0.00	EN	7.50				
NiO	0.00	0.00	0.00	FS	1.75 CI 12.14 NORM PLAG 48.03 ANDESITE				
CR2O3	0.00	0.00	0.00	EO	0.00				
CO2	0.00	0.00	0.00	FA	0.00				
H2O+	0.00	0.00	0.00	WO	0.00				
H2O-	0.00	0.00	0.00	LN	0.00				
LOI	7.11	0.00	0.00	MT	2.23				
				IL	0.66				
TOTAL	91.70	100.00	100.00	CR	0.00				
				HM	0.00				
				AP	0.12				
				PO	0.00				
				NS	0.00				
				KS	0.00				
				RU	0.00				
				AG	0.00				
				DL	0.00				
				OPX	9.25				
				CPX	0.00				
				AB*	19.54				
TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,&U,MO (P.P.B.)					JENSEN CALC-ALKALINE DACITE AL 71.70 FE 14.18 MG 14.12				
BA	1091.00:CU	20.00:ZN	58.00:NI	20.00:RR	96.00:SK	98.00:Y	20.00:ZR	93.00:NB	20.00:

COMMENTS : DUST TUFF, HORNFELS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:51:36

SAMPLE ID # VE09704

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-163
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : J1
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296748.2 N : 5690778.5 EL : 1038.4
 DDW : BC-90-03 START DEPTH : 160.00 END DEPTH : 163.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, LOOK AT COMMENTS.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M McLAUGHLIN
 ANALYZED BY : CONINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	61.65	66.16	61.55	Q	25.85	NA2O+K2O	4.96	SiO2	66.16	SUBALKALINE		
Al2O3	15.36	16.48	18.08	C	4.23							
Fe2O3	4.70	2.06	1.44	OR	13.33	OLA	15.82	NEA	23.03	GA	61.15	SUBALKALINE
FeO	0.00	2.11	1.64	AB	24.49							
CaO	3.02	3.24	3.23	AN	15.73	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	4.05	4.35	6.03	LC	0.00							
Na2O	2.53	2.72	4.90	NR	0.00	A	37.38	F	29.85	M	32.77	CALC-ALKALINE
K2O	2.09	2.24	2.67	KP	0.00							
TiO2	0.42	0.45	0.32	AC	0.00	AL2O3	16.48	NORM	PLAG	39.11		CALC-ALKALINE
P2O5	0.06	0.06	0.03	DT	0.00							
MnO	0.12	0.13	0.10	KE	0.00	AN	29.38	ABA	45.73	OR	24.89	K-RICH SERIES
S	0.00	0.00	0.00	EN	12.05							
NiO	0.00	0.00	0.00	ES	1.41	CI	16.25	NORM	PLAG	39.11		HIGH ALUMINA ANDESITE
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	65.49	FE	12.67	MG	21.83	
LOI	6.66	0.00	0.00	MT	2.16							
TOTAL	93.18	100.00	100.00	IL	0.63							
				CR	0.00	COLOR INDEX :	16.25					
				HM	0.00	WASHIKOTO INDEX :	52.52					
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.46							
				CPX	0.00							
				ABA	24.49							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, MG (P.P.B.)

BA 639.00:CU 20.00:ZN 66.00:NI 20.00:RB 55.00:SR 86.00:Y 20.00:ZK 84.00:NB 20.00:

COMMENTS : ARGILLACEOUS, WEAK HORNEELS

REPORT #3000

PAGE 1
 PRINTED 10-DEC-90
 09:52:18

SAMPLE ID # VB09705

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : J1
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296750.7 N : 5690781.0 EL : 1031.2
 DBH : RC-90-03 START DEPTH : 168.00 END DEPTH : 171.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : SPOTS, CARBONATIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.97	65.66	61.22	G	32.49	NA2O+K2O	3.52	SiO2	65.66	SUBALKALINE		
Al2O3	15.36	16.54	18.18	C	10.70	OL*	25.40	Na*	10.43	GA*	64.17	SUBALKALINE
Fe2O3	5.03	2.32	1.49	OR	13.34	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.97	2.31	AB	11.58	A	22.57	F	31.24	M	46.18	THOLEIITIC
CaO	1.34	1.34	1.33	AN	6.25	AL2O3	16.54	NORM	PLAG	35.03	CALC-ALKALINE	
MgO	6.69	7.20	10.01	LC	0.00	AN	20.04	AB*	37.17	OR	42.80	K-RYCH SERIES
Na2O	1.19	1.28	2.32	NE	0.00	CI	25.51	NORM	PLAG	35.03	ANDESITE	
K2O	2.08	2.24	3.67	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.47	0.51	0.35	AC	0.00	AL	56.10	FE	13.01	MG	30.89	
P2O5	0.06	0.06	0.05	DC	0.00	COLOR INDEX : 25.51						
MnO	0.07	0.08	0.06	BE	0.00	HASHINDID INDEX : 78.30						
S	0.00	0.00	0.00	EN	20.02							
NiO	0.00	0.00	0.00	FS	2.55							
Cr2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WQ	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.93	0.00	0.00	MT	2.23							
TOTAL	92.85	100.00	100.00	IL	0.71							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	22.57							
				CPX	0.00							
				AB*	11.58							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, RG (P.P.B.)

BA 557.00:CU 28.00:ZN 171.00:NI 20.00:RB 62.00:SR 67.00:Y 23.00:ZR 86.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:52:59

SAMPLE ID # VB09706

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296753.3 N : 5690783.5 EL : 1023.0
 DDH : BC-90-09 START DEPTH : 177.00 END DEPTH : 180.00

FIELD NAME : VOLCANICLASTIC,ELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.83	64.54	60.95	Q	31.12	NA2O+K2O	4.00	SiO2	64.54	SUBALKALINE		
Al2O3	15.92	17.47	19.44	C	8.05	OLA	23.63	NEA	5.11	QA	71.26	SUBALKALINE
Fe2O3	5.23	2.16	1.54	OR	21.24	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.22	2.54	AB	4.42	A	28.77	F	37.10	M	34.13	TROILITIC
CaO	2.90	3.28	3.22	AN	15.66	AL2O3	17.47	NORM	PLAG	77.99	TROILITIC	
MgO	4.33	4.75	6.69	LC	0.00	AN	37.90	ABA	10.70	OR	51.40	K-RICH SERIES
Na2O	0.44	0.48	0.88	NR	0.00	CT	19.38	NORM	PLAG	77.99	BASALT	
K2O	3.23	3.52	4.25	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.47	0.52	0.37	AC	0.00	AL	63.43	FE	14.76	MG	21.81	
P2O5	0.06	0.07	0.05	BT	0.00	COLOR INDEX :	19.38					
MnO	0.09	0.10	0.08	RE	0.00	HASHIMOTO INDEX :	69.30					
S	0.00	0.00	0.00	EN	13.37							
NiO	0.00	0.00	0.00	ES	2.97							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.49	0.00	0.00	MT	2.30							
TOTAL	91.15	100.00	100.00	IL	0.73							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PG	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				OPX	16.34							
				CPX	0.00							
				ABA	4.42							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,FD,IR,OS,RH,RU,HG (P.P.B.)

BA 818.00:CU 22.00:ZN 46.00:NI 20.00:KB 84.00:SR 85.00:Y 21.00:ZR 97.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # VB09707

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-165
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296757.3 N : 5690788.0 EL : 1010.2
 DDH : BC-90-03 START DEPTH : 191.00 END DEPTH : 194.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : SPOTS, CARBONATIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLESS, <1% PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	55.60	63.01	59.01	G	19.33	NA2O+K2O	4.54	SiO2	63.01	SUBALKALINE		
Al2O3	13.98	15.84	17.49	C	0.00							
Fe2O3	5.20	2.12	1.49	OR	13.01	OLA	15.84	NE*	24.92	QA*	59.24	SUBALKALINE
FeO	0.00	3.40	2.66	AB	21.50							
CaO	5.99	6.79	6.81	AN	26.46	CPX	34.80	OL	0.00	OPX	65.20	SUBALKALINE
MgO	3.31	3.75	5.24	LC	0.00							
Na2O	2.09	2.37	4.30	NE	0.00	A	33.42	F	38.99	M	27.59	TROLEITIC
K2O	1.92	2.18	2.60	KP	0.00							
TiO2	0.37	0.42	0.30	AC	0.00	Al2O3	15.84	NORM	PLAG	55.17		TROLEITIC
P2O5	0.04	0.05	0.04	DI	4.41							
MnO	0.08	0.09	0.07	HE	1.42	AN	43.40	ABA	35.26	DR	21.34	AVERAGE SERIES
S	0.00	0.00	0.00	EN	8.26							
NiO	0.00	0.00	0.00	FS	2.67	CI	19.60	NORM	PLAG	55.17		BASALT
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O-	0.00	0.00	0.00	LN	0.00	AL	64.19	FF	16.59	MG	19.22	
LOI	11.34	0.00	0.00	MT	2.24							
				IL	0.59							
TOTAL	88.25	100.00	100.00	CR	0.00	COLOR INDEX :	19.60					
				HM	0.00	WASHINGTON INDEX :	39.29					
				AP	0.10							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.93							
				CPX	5.84							
				ABA	21.50							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, SR, OS, RN, RU, PB (P.P.B.)

BA 473.00:CU 32.00:ZN 34.00:NI 20.00:RB 54.00:SR 137.00:Y 20.00:ZK 88.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:59:13

SAMPLE ID * VB09709

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : J)
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295763.1 N : 5690606.0 RL : 1182.4
 DDM : 80-90-4 START DEPTH : 18.00 END DEPTH : 21.00

PROJECT # 1147

PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, MAFIC PORPHYRITIC.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK.
 MINERALIZATION : NIL, NIL, NO COMMENT.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.46	61.90	55.34	Q	0.00	NA20+K20	9.01	SiO2	67.90	ALKALINE		
Al2O3	17.20	17.91	18.87	C	0.00	OLA	9.79	NE*	52.24	BA	37.96	ALKALINE
Fe2O3	5.64	2.06	1.39	OR	1.96	CPX	2.58	OL	3.01	DPX	94.42	SUBALKALINE
FeO	0.00	3.43	2.56	AB	75.06	A	51.84	F	30.42	M	17.74	THOLEIITIC
CaO	1.89	1.97	1.88	AN	8.66	Al2O3	17.91	NORM	PLAG	10.34	CALC-ALKALINE	
MgO	2.96	3.08	4.11	LC	0.00	AN	10.11	AB*	87.60	OR	2.29	SODIC
Na2O	4.32	8.66	15.01	HE	0.00	CI	14.19	NORM	PLAG	10.34	BENMOREITE	
K2O	0.33	0.34	0.39	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.48	0.50	0.34	AC	0.00	AL	69.06	EE	15.92	MG	15.03	
P2O5	0.06	0.06	0.05	DI	0.21	COLOR INDEX :	14.19					
MnO	0.08	0.08	0.06	HE	0.08	HASHIMOTO INDEX :	24.37					
S	0.00	0.00	0.00	EN	7.78							
NiO	0.00	0.00	0.00	FS	3.02							
Cr2O3	0.00	0.00	0.00	FO	0.25							
CoO	0.00	0.00	0.00	FA	0.10							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.81	0.00	0.00	MT	2.08							
TOTAL	96.05	100.00	100.00	IL	0.67							
				CR	0.00							
				HM	0.00							
				AP	0.13							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.34							
				OPX	10.80							
				CPX	0.29							
				ABA	75.06							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 359.00:CU 20.00:ZN 69.00:NI 20.00:RB 21.00:SR 222.00:Y 20.00:ZR 83.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:59:56

SAMPLE ID # VR09710

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295757.5 N : 5690603.0 EL : 1167.8
 DDH : BE-90-4 START DEPTH : 34.00 END DEPTH : 37.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	54.46	57.33	51.41	Q 0.00	NA20+K20 7.97 SI02 57.33 ALKALINE
AL2O3	18.51	19.49	20.60	C 3.68	
FE2O3	7.83	2.27	1.49	OR 3.32	OLA 17.67 NEA 47.42 QA 34.91 ALKALINE
FE0	0.00	5.43	4.07	AB 64.24	
CaO	1.75	1.84	1.77	AN 8.52	CPX 0.00 OL 37.05 OPX 62.95 SUBALKALINE
MgO	4.69	4.94	6.60	LC 0.00	A 39.21 F 36.49 M 24.29 THOLEIITIC
NA2O	7.02	7.39	12.85	NE 0.00	
K2O	0.55	0.58	0.66	KP 0.00	AL2O3 19.49 NORM PLAG 11.71 CALC-ALKALINE
TiO2	0.60	0.63	0.43	AC 0.00	
P2O5	0.05	0.05	0.04	DI 0.00	AN 11.20 ABA 84.45 OR 4.36 SODIC
MNO	0.10	0.11	0.08	HE 0.00	
S	0.00	0.00	0.00	EN 7.40	C7 20.14 NORM PLAG 11.71 MUGEARITE
NiO	0.00	0.00	0.00	FS 3.34	
CR2O3	0.00	0.00	0.00	FD 4.35	JENSEN CALC-ALKALINE ANDESITE
CO2	0.00	0.00	0.00	FA 1.96	AL 61.92 FR 18.24 MG 19.84
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	4.64	0.00	0.00	MT 2.24	
TOTAL	94.99	100.00	100.00	IL 0.85	COLOR INDEX : 20.14 HASHIMOTO INDEX : 37.40

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 3034.00:CU 40.00:ZN 69.00:NI 20.00:RB 23.00:SR 295.00:Y 20.00:ZR 87.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:00:40

SAMPLE ID # UB09711

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295752.1 N : 5690599.5 EL : 1153.1
 DDM : BC-90-4 START DEPTH : 50.00 END DEPTH : 53.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, KX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	55.04	57.45	51.60	Q	0.00	NA20+K20	8.00	SiO2	57.45	ALKALINE		
Al2O3	18.24	19.04	20.16	C	2.96	OLA	17.62	NEA	47.61	QA	34.76	ALKALINE
Fe2O3	8.10	2.17	1.47	DR	3.29	CPX	0.00	OL	43.44	OPX	58.56	SUBALKALINE
FeO	0.00	5.65	4.25	AB	64.61	A	39.29	F	37.38	M	23.34	THOLEIITIC
CaO	1.97	2.06	1.98	AN	9.03	AL2O3		19.04	NORM	PLAG	12.27	CALC-ALKALINE
MgO	4.55	4.75	6.36	LC	0.00	AN	11.74	ABA	83.98	DR	4.28	SODIC
Na2O	7.11	7.42	12.92	NE	0.00	GI		19.83	NORM	PLAG	12.27	MUGEARITE
K2O	0.55	0.57	0.66	KP	0.00	JENSEN			CALC-ALKALINE	ANDESITE		
TiO2	0.58	0.63	0.41	AC	0.00	AL	61.56	FE	19.02	MG	19.42	
P2O5	0.13	0.14	0.10	DE	0.00	COLOR INDEX :						19.83
HNO	0.13	0.14	0.10	HE	0.00	HASHIMOTO INDEX :						35.97
S	0.00	0.00	0.00	EN	6.54							
NiO	0.00	0.00	0.00	FS	3.30							
CR2O3	0.00	0.00	0.00	FO	4.63							
CO2	0.00	0.00	0.00	FA	2.34							
K2O+	0.00	0.00	0.00	WO	0.00							
K2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.68	0.00	0.00	MT	2.20							
TOTAL	98.80	100.00	100.00	IL	0.82							
				CR	0.00							
				HM	0.00							
				AP	0.28							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	6.96							
				OPX	9.84							
				CPX	0.00							
				ABA	64.61							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 2297.00:CU 22.00:ZN 88.00:NI 20.00:RB 21.00:SR 230.00:Y 20.00:ZR 82.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:01:21

SAMPLE ID # VB09712

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 31
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295747.5 N : 5690597.0 EL : 1140.1
 DOW : BC-90-4 START DEPTH : 64.00 END DEPTH : 67.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRRHOTITE.
 FORMATION :

SAMPLED BY : M VANNE BUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.57	63.69	55.50	Q	3.82	NA2O+K2O	8.08	SiO2	63.69	SUBALKALINE		
Al2O3	17.04	17.65	18.71	C	2.18	Or	13.21	NEA	46.74	Or	40.05	SUBALKALINE
Fe2O3	6.52	2.73	1.44	OR	2.62	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.16	3.13	AB	66.47	A	44.38	F	33.38	M	22.25	THOLEIITIC
CaO	1.45	1.50	1.45	AN	6.78	AL2O3		17.65	NORM	PLAG	9.25	CALC-ALKALINE
MgO	3.91	4.05	5.43	LC	0.00	AN	8.93	ABA	87.62	OR	3.45	K-POOR SERIES
Na2O	7.36	7.62	13.29	NR	0.00	CX		17.98	NORM	PLAG	9.25	DACITE
K2O	0.44	0.46	0.52	KP	0.00	JENSEN						CALC-ALKALINE ANDESITE
TiO2	0.56	0.58	0.39	AC	0.00	AL	64.14	FE	17.26	MG	18.61	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX :						17.98
MnO	0.09	0.09	0.07	HE	0.00	WASHIMOTO INDEX :						33.05
S	0.00	0.00	0.00	EN	10.86							
NiO	0.00	0.00	0.00	FS	4.17							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.14	0.00	0.00	MT	2.17							
TOTAL	96.56	100.00	100.00	IL	0.78							
				CR	0.00							
				HM	0.00							
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	15.03							
				CPX	0.00							
				ABA	66.47							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RI, RU, HG (P.P.B.)

BA 612.00:CU 22.00:Zn 78.00:NI 20.00:RB 20.00:SK 177.00:Y 20.00:ZR 101.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:02:03

SAMPLE ID # VB09713

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295744.8 N : 5690595.0 EL : 1131.7
 DDN : BC-90-4 START DEPTH : 73.00 END DEPTH : 76.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, <X> PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES					
SiO2	59.83	62.14	55.69	Q 2.20	NA2O+K2O	8.69	SiO2	62.14	ALKALINE	
Al2O3	17.48	18.15	19.18	C 1.04	OL*	9.70	NE*	50.71	QA* 39.60	ALKALINE
Fe2O3	5.56	2.12	1.49	OK 1.96	CPX	0.00	OL	0.00	OPX 100.00	SUBALKALINE
FeO	0.00	3.29	2.47	AB 72.54	A	51.25	F	30.63	M 18.12	TROGILITIC
CaO	1.73	1.80	1.73	AN 8.10	Al2O3	18.15	NORM PLAG	10.05		CALC-ALKALINE
MgO	2.96	3.07	4.11	LC 0.00	AN	9.81	AB*	87.82	OR 2.37	SODIC
Na2O	8.04	8.35	14.51	NE 0.00	CT	14.00	NORM PLAG	10.05		BENMOREITE
K2O	0.33	0.34	0.39	KP 0.00	JENSEN		CALC-ALKALINE	ANDESITE		
TiO2	0.54	0.56	0.38	AC 0.00	Al	69.42	FE	15.72	MG 14.86	
P2O5	0.08	0.08	0.06	DI 0.00	COLOR INDEX :	14.00				
MnO	0.09	0.09	0.07	HE 0.00	HASHIMOTO INDEX :	25.19				
S	0.00	0.00	0.00	EN 8.21						
NaCl	0.00	0.00	0.00	FS 2.89						
CR2O3	0.00	0.00	0.00	FO 0.00						
CO2	0.00	0.00	0.00	FA 0.00						
H2O+	0.00	0.00	0.00	WD 0.00						
H2O-	0.00	0.00	0.00	LN 0.00						
LOI	3.12	0.00	0.00	MT 2.14						
TOTAL	96.29	100.00	100.00	IL 0.76						
				CR 0.00						
				HM 0.00						
				AP 0.17						
				PO 0.00						
				NS 0.00						
				KS 0.00						
				RU 0.00						
				AG 0.00						
				OL 0.00						
				OPX 11.10						
				CPX 0.00						
				AB* 72.54						

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 578.00:CU 20.00:ZN 66.00:NI 20.00:RB 20.00:SR 197.00:Y 20.00:ZK 102.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:02:45

SAMPLE ID # VB09714

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295743.3 N : 5690594.0 EL : 1127.0
 DDH : BC-90-4 START DEPTH : 78.00 END DEPTH : 81.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : SPOTS, CHLDRITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.52	62.34	56.2)	Q 4.67	NA2O+K2O 8.36 SiO2 62.34 ALKALINE
Al2O3	16.68	17.47	18.57	C 1.42	
Fe2O3	5.58	2.12	1.44	OR 7.42	DI* 12.61 NE* 46.41 QA 40.99 SUBALKALINE
FeO	0.00	3.36	2.53	AB 61.79	
CaO	1.71	1.79	1.73	AN 8.25	CPX 0.00 DI 0.00 OPX 100.00 SUBALKALINE
MgO	3.70	3.88	3.21	LC 0.00	
Na2O	6.75	7.07	12.36	NE 0.00	A 47.78 F 30.06 M 22.15 THOLEIITIC
K2O	1.23	1.29	1.48	KP 0.00	
TiO2	0.52	0.54	0.37	AC 0.00	Al2O3 17.47 NORM PLAG 11.78 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.08	0.08	0.06	HE 0.00	AN 10.65 ARA 79.77 OR 9.58 SODIC
S	0.00	0.00	0.00	EN 10.41	
NiO	0.00	0.00	0.00	ES 3.01	CI 16.32 NORM PLAG 11.78 BENMORITE
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 65.90 FE 15.61 MG 18.48
LOI	3.68	0.00	0.00	MT 2.15	
TOTAL	95.47	100.00	100.00	IL 0.74	COLOR INDEX : 16.32 WASHINGTON INDEX : 36.82
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.43	
				CPX 0.00	
				ABA 61.79	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RN, RU, SG (P.P.B.)

BA 888.00:EU 20.00:ZN 89.00:NI 20.00:RB 54.00:SR 305.00:Y 20.00:ZR 109.00:NH 30.00:

COMMENTS : TRACE PYRRHOTITE/ROSENFELDER

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:03:27

SAMPLE ID → VB09715

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295742.5 N : 5690593.5 EL : 1124.5
 DBH : 80-90-4 START DEPTH : 81.30 END DEPTH : 83.05

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	56.53	61.75	57.04	Q 10.55	NA2O+K2O	7.16	SiO2	61.75	SUBALKALINE
Al2O3	15.79	17.25	18.78	C 0.00	OLA	9.34	NA* 41.99	QA 48.67	SUBALKALINE
Fe2O3	5.46	2.36	1.64	OR 14.50	CPX	26.48	OL 0.00	DPX 73.52	SUBALKALINE
FeO	0.00	3.24	2.51	AB 42.05	A	48.36	F 36.28	M 15.36	THOLEIITIC
CaO	4.42	4.83	4.78	AN 18.67	AL2O3	17.25	NORM PLAG	30.74	CALC-ALKALINE
MgO	2.08	2.27	3.13	LC 0.00	AN	24.82	AB* 55.91	OR 19.27	AVERAGE SERIES
Na2O	4.30	4.70	8.41	NE 0.00	CT	13.64	NORM PLAG	30.74	ANDESITE
K2O	2.25	2.46	2.90	KP 0.00	JENSEN	CALC-ALKALINE	DACITE		
TiO2	0.66	0.72	0.50	AC 0.00	AL	70.45	FE 17.82	MG 11.73	
P2O5	0.26	0.28	0.22	DI 1.91	COLOR INDEX :	13.64			
MnO	0.12	0.13	0.10	HE 0.79	HASHIMOTO INDEX :	33.13			
S	0.00	0.00	0.00	EN 5.30					
N2O	0.00	0.00	0.00	FS 2.18					
CR2O3	0.00	0.00	0.00	FO 0.00					
CO2	0.00	0.00	0.00	FA 0.00					
H2O+	0.00	0.00	0.00	WB 0.00					
H2O-	0.00	0.00	0.00	LN 0.00					
LO7	7.61	0.00	0.00	MT 2.46					
TOTAL	91.54	100.00	100.00	IL 1.00					

				CR 0.00					
				HM 0.00					
				AP 0.59					
				PO 0.00					
				NS 0.00					
				KS 0.00					
				RU 0.00					
				AG 0.00					
				UL 0.00					
				OPX 7.48					
				CPX 2.69					
				ABA 42.05					

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, DS, RH, RU, HG (P.P.B.)

BA 1311.00:CU 24.00:ZN 61.00:NI 20.00:RB 67.00:SR 437.00:Y 20.00:ZR 155.00:NB 22.00:

COMMENTS : BLEACHED

REPORT #3000

PAGE 1
 PRINTED 10-DEC-90
 10:04:09

SAMPLE ID # VB09716

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295741.5 N : 5690593.0 EL : 1121.3
 DOH : BC-90-4 START DEPTH : 84.00 END DEPTH : 87.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ AND FELDSPAR PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES						
SiO2	54.69	60.59	55.58	Q 4.25	NA2O+K2O	7.74	SiO2	60.59	SUBALKALINE		
Al2O3	14.95	16.56	17.91	C 0.00	OLA	0.00	NA*	55.45	Q*	44.55	ALKALINE
Fe2O3	5.46	2.15	1.48	OR 11.29	CPX	100.00	OL	0.00	DPX	0.00	ALKALINE
FeO	0.00	3.51	2.69	AB 51.72	A	52.19	F	36.68	M	11.13	THOLEIITIC
CaO	6.39	7.08	6.96	AN 13.27	AL2O3	16.56	NORM	PLAG	20.41		CALC-ALKALINE
MgO	1.49	1.65	2.26	LC 0.00	AN	17.39	ABA	67.80	OR	14.80	AVERAGE SERIES
Na2O	5.25	5.82	10.34	NE 0.00	CI	18.90	NORM	PLAG	20.41		ANDESITE
K2O	1.74	1.93	2.36	KP 0.00							
TiO2	0.44	0.49	0.34	AC 0.00	JENSEN		CALC-ALKALINE	DACITE			
P2O5	0.06	0.07	0.05	DI 9.03	AL	72.19	FE	18.71	MG	9.10	
MnO	0.15	0.17	0.13	HR 6.97	COLOR INDEX :	18.90					
S	0.00	0.00	0.00	EN 0.00	HASHINOTO INDEX :	21.72					
NiO	0.00	0.00	0.00	ES 0.00							
Cr2O3	0.00	0.00	0.00	EQ 0.00							
CO2	0.00	0.00	0.00	EA 0.00							
H2O+	0.00	0.00	0.00	WO 0.44							
H2O-	0.00	0.00	0.00	LN 0.00							
LOI	7.59	0.00	0.00	MT 2.23							
TOTAL	90.27	100.00	100.00	IL 0.67							
				CR 0.00							
				HM 0.00							
				AP 0.14							
				PO 0.00							
				NS 0.00							
				KS 0.00							
				RJ 0.00							
				AG 0.00							
				OL 0.00							
				SPX 0.00							
				CPX 16.00							
				ABA 51.72							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,SR,DS,RH,RU,SG (P.P.B.)

BA 1510.00:CU 25.00:ZN 42.00:Ni 20.00:RE 49.00:SR 274.00:Y 20.00:Zr 84.00:NB 20.00:

COMMENTS : SERICITE ALTERATION CENTRED ON FELDSPARS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:04:50

SAMPLE ID # UB09717

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295735.3 N : 5690588.0 EL : 1098.6
 DDH : BC-90-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 108.00 END DEPTH : 111.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	54.80	60.05	55.31	Q	6.01
Al2O3	16.95	18.57	20.16	C	0.00
Fe2O3	4.54	2.25	1.56	OR	20.43
FeO	0.00	2.46	1.89	AB	39.72
CaO	5.73	6.28	6.20	AN	20.33
MgO	1.50	1.64	2.26	LC	0.00
Na2O	4.06	4.45	7.94	NE	0.00
K2O	3.17	3.47	4.09	KP	0.00
TiO2	0.55	0.60	0.43	AC	0.00
P2O5	0.08	0.09	0.07	DI	5.94
MnO	0.13	0.14	0.11	HE	2.12
S	0.00	0.00	0.00	EN	1.54
NiO	0.00	0.00	0.00	ES	0.55
Cr2O3	0.00	0.00	0.00	EQ	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	7.83	0.00	0.00	MT	2.34
TOTAL	91.26	100.00	100.00	IL	0.83
				CR	0.00
				HM	0.00
				AP	0.18
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	2.09
				CPX	8.06
				AB*	39.72

CLASSIFICATIONS AND INDICES

NA2O+K2O 7.92 SiO2 60.05 ALKALINE
 OL* 3.28 NE* 49.84 QA 46.88 SUBALKALINE
 CPX 79.38 OL 0.00 OPX 20.62 ALKALINE
 A 56.42 F 31.88 M 11.70 THOLEIITIC
 Al2O3 18.57 NORM PLAG 33.86 CALC-ALKALINE
 AN 25.27 ARA 49.35 OR 25.38 SODIC
 CI 13.33 NORM PLAG 33.86 MUGGARITE

JENSEN CALC-ALKALINE DACITE
 AL 76.39 FE 15.07 MG 8.55

COLOR INDEX : 13.33
 WASHINGTON INDEX : 32.30

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.B.)

BA 2134.00:LD 24.00:ZN 45.00:NI 20.00:RB 101.00:SR 246.00:Y 23.00:ZR 164.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:06:13

SAMPLE ID # VB09719

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295729.3 N : 5690581.0 EL : 1063.9
 DOW : RC-90-4 START DEPTH : 144.00 END DEPTH : 147.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	63.62	68.23	64.37	Q	29.32	NA2O+K2O	6.03	SiO2	68.23	SUBALKALINE		
Al2O3	14.32	15.36	17.08	C	1.69	Or	8.93	Ne	22.50	Or	68.57	SUBALKALINE
Fe2O3	4.36	2.11	1.50	OR	22.36	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.31	1.82	AB	20.99	A	49.99	F	35.02	M	15.00	THOLEIITIC
CaO	3.23	3.46	3.50	AN	16.79	AL2O3	15.36	NORM	PLAG	44.45	INOLEIITIC	
MgO	1.68	1.80	2.53	LC	0.00	AN	27.93	ABA	34.90	OR	37.17	K-RICH SERIES
Na2O	2.34	2.30	4.20	NE	0.00	CI	9.63	NORM	PLAG	44.45	ANDESITE	
K2O	3.46	3.71	4.47	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.47	0.50	0.36	AC	0.00	AL	73.06	FE	16.10	MG	10.84	
P2O5	0.10	0.11	0.09	DI	0.00	COLOR INDEX : 9.63						
MnO	0.10	0.11	0.09	HE	0.00	HASHIMOTO INDEX : 48.91						
S	0.00	0.00	0.00	EN	5.07							
NiO	0.00	0.00	0.00	ES	1.60							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.37	0.00	0.00	MT	2.35							
TOTAL	93.24	100.00	100.00	IL	0.72							
				CR	0.00							
				HM	0.00							
				AP	0.23							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	6.66							
				CPX	0.00							
				ABA	20.99							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1662.00:CU 21.00:ZN 57.00:NI 20.00:RB 143.00:SR 158.00:Y 39.00:ZR 229.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:06:55

SAMPLE ID # VB09720

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DR (LL HOLE)

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295726.7 W : 5690578.5 EL : 1053.3
 DDH : BC-90-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 155.00 END DEPTH : 158.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.40	68.72	65.37	Q 34.36	NA2O+K2O 5.55 SiO2 68.72 SUBALKALINE
Al2O3	14.96	15.96	17.88	C 5.69	
Fe2O3	4.63	2.10	1.50	OR 26.62	OrA 10.88 NEA 12.19 Or* 76.93 SUBALKALINE
FeO	0.00	2.55	2.09	AB 10.72	
CaO	2.28	2.43	2.48	AN 11.87	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.87	2.00	2.83	LC 0.00	
Na2O	1.09	1.16	2.14	NE 0.00	A 46.28 F 37.08 M 16.64 THOLEIITIC
K2O	4.11	4.39	5.32	KP 0.00	
TiO2	0.47	0.50	0.36	AC 0.00	Al2O3 15.96 NORM PLAG 52.44 THOLEIITIC
P2O5	0.08	0.09	0.07	DE 0.00	
MnO	0.09	0.10	0.08	HE 0.00	AN 24.04 AB* 23.80 OR 54.16 K-RICH SERIES
S	0.00	0.00	0.00	EN 5.65	
NiO	0.00	0.00	0.00	ES 1.99	CJ 10.62 NORM PLAG 52.44 ANDESITE
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LW 0.00	Al 72.46 Fe 16.08 Mg 11.45
LOI	5.15	0.00	0.00	MT 2.26	
TOTAL	93.71	100.00	100.00	IL 0.72	COLOR INDEX : 10.62 KASHIMOTO INDEX : 63.96
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.65	
				CPX 0.00	
				AB* 10.72	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 1945.00:CU 20.00:ZN 48.00:NI 20.00:RB 170.00:SR 144.00:Y 41.00:ZR 235.00:NB 20.00:

COMMENTS :

REPORT #2000

SAMPLE ID # V809721

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 295724.9 N : 5690576.0 EL : 1039.6
 DDH : BC-90-4 START DEPTH : 169.00 END DEPTH : 172.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	63.79	68.07	64.55	Q	33.84	NA2O+K2O	5.53	SiO2	68.01	SUBALKALINE		
Al2O3	15.45	16.47	18.43	C	6.89	OLA	12.50	NEA	11.41	GA	76.09	SUBALKALINE
Fe2O3	4.82	2.11	1.51	GR	26.94	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.72	2.16	AB	10.00	A	44.37	F	37.08	M	18.55	TROILITIC
CaO	2.02	2.15	2.19	AN	10.38	AL2O3	16.47	NDRM	PLAG	50.92	CALC-ALKALINE	
MgO	2.17	2.31	3.27	LC	0.00	AN	21.93	ABA	21.14	OR	56.93	K-RICH SERIES
Na2O	1.02	1.09	2.00	NE	0.00	CJ	11.76	NORM	PLAG	50.92	ANDESITE	
K2O	4.17	4.45	5.39	KP	0.00	JENSEN	CALC-ALKALINE	DACITE				
TiO2	0.48	0.57	0.37	AC	0.00	AL	71.41	FE	15.91	MG	12.68	
P2O5	0.08	0.09	0.07	DE	0.00	COLOR (INDEX :	11.76					
MnO	0.08	0.09	0.07	NE	0.00	HASHIMOTO INDEX :	67.59					
S	0.00	0.00	0.00	EN	6.54							
NiO	0.00	0.00	0.00	FS	2.22							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.00	0.00	0.00	LT	2.26							
TOTAL	93.80	100.00	100.00	IL	0.73							
				CR	0.00							
				HM	0.00							
				AP	0.00							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.77							
				CPX	0.00							
				AB*	10.00							
TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, R1, RU, R6 (P.P.B.)												
BA	1674.00:CU	30.00:ZN	49.00:NI	20.00:RB	171.00:SR	99.00:Y	43.00:ZR	235.00:NB	20.00:			

COMMENTS :

==== F A L C O N B E R T D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:08:18

SAMPLE ID # VB09722

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-A

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 E : 295723.7 N : 5690573.5 EL : 1028.9
 START DEPTH : 180.00 END DEPTH : 183.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.85	69.38	65.95	Q	36.60	NA2O+K2O	5.23	SiO2	69.38	SUBALKALINE		
Al2O3	14.70	15.73	17.62	C	6.64							
Fe2O3	4.59	2.09	1.49	OR	25.33	OL*	11.83	NE*	10.64	QA*	77.53	SUBALKALINE
FeO	0.00	2.54	2.03	AB	9.76	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
CaO	1.91	2.04	2.08	AN	9.90							
MgO	2.21	2.36	3.35	LC	0.00	A	43.54	F	36.78	M	19.68	THOLEIITIC
Na2O	0.99	1.06	1.95	NE	0.00	AL2O3		15.73	NORM	PLAG	50.37	THOLEIITIC
K2O	3.90	4.17	5.07	KP	0.00							
TiO2	0.45	0.48	0.34	AC	0.00	AN	22.01	ABA*	21.69	DR	56.30	K-RICH SERIES
P2O5	0.07	0.07	0.06	DI	0.00							
MnO	0.07	0.07	0.06	HE	0.00	CT		10.61	NORM	PLAG	50.37	ANDESITE
S	0.00	0.00	0.00	EN	6.70							
NiO	0.00	0.00	0.00	FS	1.98							
Cr2O3	0.00	0.00	0.00	ED	0.00	JENSEN						
CO2	0.00	0.00	0.00	FA	0.00	AL	70.80	FE	15.74	MG	13.46	
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.63	0.00	0.00	MT	3.24							
TOTAL	93.48	100.00	100.00	IL	0.69							
				CR	0.00	COLOR INDEX :		11.61				
				HM	0.00	WASHINGTON INDEX :		67.81				
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	8.68							
				CPX	0.00							
				ABA	9.76							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RH, RU, MG (P.P.B.)

BA 1651.00:CU 26.00:ZN 57.00:NI 20.00:RB 158.00:SR 102.00:Y 43.00:ZR 227.00:NH 20.00:

COMMENTS :

==== FAI CON BRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:09:00

SAMPLE ID + VB09720

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NTS : 082H05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295722.7 N : 5690572.0 EL : 1019.5
 DDN : BC-90-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 190.05 END DEPTH : 192.10

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : EDMUNDO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SI02	66.18	69.12	65.36	Q	36.00	NA20+K20	5.44	SI02	69.12	SUBALKALINE		
AL2O3	15.53	16.22	18.08	C	8.35							
FE2O3	4.55	2.19	1.52	OR	23.97	Q1*	11.85	NE*	13.78	Q*	74.38	SUBALKALINE
FeO	0.00	2.36	1.87	AB	13.50							
CaO	1.19	1.24	1.26	AN	5.60	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	2.64	2.76	3.89	LC	0.00							
NA2O	1.41	1.47	2.70	NE	0.00	A	43.62	F	34.28	M	22.10	TROLEITIC
K2O	3.80	3.97	4.79	KP	0.00	AL2O3	16.22	NORM	PLAG	29.32		CALC-ALKALINE
TiO2	0.54	0.56	0.40	AC	0.00							
P2O5	0.10	0.10	0.08	DI	0.00	AN	13.00	ABA	31.35	OR	55.65	K-RICH SERIES
MnO	0.06	0.06	0.05	HE	0.00							
S	0.00	0.00	0.00	EN	7.77	CI	12.36	NORM	PLAG	29.32		DACITE
NiO	0.00	0.00	0.00	FS	1.53							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00	JENSEN		CALC-ALKALINE	DACITE			
H2O+	0.00	0.00	0.00	WO	0.00	AL	70.08	FE	14.86	MG	15.06	
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	3.76	0.00	0.00	MT	2.27							
TOTAL	95.75	100.00	100.00	IL	0.80	COLOR INDEX :	12.36					
				CR	0.00	HASHIMOTO INDEX :	71.24					
				HM	0.00							
				AP	0.22							
				PO	0.00							
				NS	0.00							
				AS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.29							
				CPX	0.00							
				ABA	13.50							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RA,RU,AG (P.P.B.)

BA 1614.00:CU 27.00:ZN 90.00:NI 20.00:KB 153.00:SR 95.00:Y 26.00:ZR 241.00:NB 20.00:

COMMENTS : "SPOTTY HORNEELSING"

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:09:42

SAMPLE ID : VR09724

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-162
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295721.6 N : 5690569.5 RL : 1007.8
 DDM : BC-90-4

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 201.50 END DEPTH : 204.50

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.95	66.81	62.83	Q 29.67	NA2O+K2O 5.75 SiO2 66.81 SUBALKALINE
Al2O3	15.97	17.22	19.09	C 6.37	
Fe2O3	4.21	2.18	1.54	OR 23.38	OLA 11.75 NEA 18.37 GA 69.88 SUBALKALINE
FeO	0.00	2.13	1.67	AB 16.91	
CaO	2.29	2.47	2.49	AN 11.65	CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	2.49	2.69	3.76	LC 0.00	
Na2O	1.72	1.86	3.38	NR 0.00	A 45.92 F 32.63 M 21.45 THOLEIITIC
K2O	3.61	3.89	4.68	KP 3.00	
TiO2	0.52	0.56	0.40	AC 0.00	AL2O3 17.22 NORM PLAG 40.80 CALC-ALKALINE
P2O5	0.11	0.12	0.09	DC 0.00	
MnO	0.07	0.08	0.06	HE 0.00	AN 22.44 ABA 32.55 OR 45.01 K-RICH SERIES
S	0.00	0.00	0.00	EN 7.53	
NiO	0.00	0.00	0.00	FS 1.13	CY 11.76 NORM PLAG 40.80 ANDESITE
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 71.98 FE 13.84 MG 14.19
LOI	6.37	0.00	0.00	MT 2.31	
TOTAL	92.72	100.00	100.00	IL 0.79	COLOR INDEX : 11.76 RASNIKOTO INDEX : 60.34
				CR 0.00	
				HM 0.00	
				AP 0.25	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.66	
				CPX 0.00	
				ABA 16.91	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PN,IR,OS,RH,RU,SG (P.P.B.)

BA 1558.00:CU 24.00:ZN 44.00:NI 20.00:RB 145.00:SR 95.00:Y 37.00:ZR 250.00:NB 20.00:

COMMENTS : ARGILLACEOUS

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:10:23

SAMPLE ID # VB09736

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16A
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295992.9 N : 5691786.5 EL : 1415.0
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 7.00 END DEPTH : 10.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	56.86	60.99	56.44	Q	10.91	NA2O+K2O	6.35	SiO2	60.99	SUBALKALINE		
Al2O3	15.71	16.85	18.38	C	0.00	OLA	15.29	NEA	35.27	GA	49.43	SUBALKALINE
Fe2O3	5.42	2.19	1.52	OR	17.24	CPX	32.75	OL	0.00	OPX	67.25	SUBALKALINE
FeO	0.00	3.26	2.52	AB	30.79	A	41.92	F	34.04	M	24.64	THOLEIITIC
CaO	5.44	5.84	5.79	AM	21.93	AL2O3	16.85	NORM	PLAG	41.60	CALC-ALKALINE	
MgO	3.53	3.79	5.22	LC	0.00	AN	31.35	ABA	44.01	OR	24.64	K-RICH SERIES
Na2O	3.20	3.43	6.16	NE	0.00	CI	18.97	NORM	PLAG	41.60	ANDESITE	
K2O	2.72	3.92	3.45	KP	0.00							
TiO2	0.54	0.58	0.40	AC	0.00							
P2O5	0.07	0.08	0.06	DI	4.09							
MnO	0.07	0.08	0.06	HE	1.11							
S	0.00	0.00	0.00	EN	8.40							
NiO	0.00	0.00	0.00	FS	2.28							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.30	0.00	0.00	MT	2.29							
TOTAL	93.32	100.00	100.00	IL	0.81							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.68							
				CPX	5.20							
				ABA	30.79							

COLOR INDEX : 18.97
 HASHIMOTO INDEX : 41.97

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, SG (P.P.B.)

BA 868.00:CU 25.00:ZN 69.00:NJ 20.00:RB 76.00:SR 168.00:Y 20.00:ZR 112.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:11:05

SAMPLE ID # VR09727

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 295998.2 N : 5691790.0 FL : 1400.4
 DDN : 80-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 23.00 END DEPTH : 26.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND VLSRS, I-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COHINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES								
SiO2	55.05	59.86	55.76	Q	13.55	NA20+K20	4.65	SiO2	59.86	SUBALKALINE			
Al2O3	15.35	16.69	18.33	D	0.67	OLA	26.77	NEA	24.46	QA	48.77	SUBALKALINE	
Fe2O3	7.44	2.19	1.53	OR	12.23	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE	
FeO	0.00	5.31	4.14	AB	23.47	A	27.18	F	42.52	M	30.30	TROLEIIC	
CaO	4.94	5.37	5.36	AN	26.31	AL2O3	16.69	NORM	PLAG	52.85		CALC-ALKALINE	
MgO	4.77	5.19	7.20	LC	0.00	AN	42.43	ABA	37.85	OR	19.72	AVERAGE SERIES	
Na2O	2.39	2.60	4.69	NE	0.00	EN	14.40						
K2O	1.89	2.06	2.45	KP	0.00	FS	6.14	CI	23.62	NORM	PLAG	52.85	BASALT
TiO2	0.53	0.55	0.39	AC	0.00	FO	0.00						
P2O5	0.07	0.08	0.06	DI	0.00	FA	0.00						
MnO	0.10	0.11	0.09	WE	0.00	WO	0.00	JENSEN	CALC-ALKALINE	BASALT			
S	0.00	0.00	0.00	EN	14.40	AL	57.86	FE	19.40	MG	22.73		
NiO	0.00	0.00	0.00	FS	6.14			COLOR INDEX :	23.62				
Cr2O3	0.00	0.00	0.00	FO	0.00			HASHIMOTO INDEX :	47.61				
CO2	0.00	0.00	0.00	FA	0.00								
H2O+	0.00	0.00	0.00	WO	0.00								
H2O-	0.00	0.00	0.00	LN	0.00								
LOT	7.39	0.00	0.00	MT	2.30								
TOTAL	98.97	100.00	100.00	IL	0.78								
				DR	0.00								
				HM	0.00								
				AP	0.16								
				PO	0.00								
				NS	0.00								
				KS	0.00								
				RU	0.00								
				AG	0.00								
				OL	0.00								
				OPX	20.54								
				CPX	0.00								
				ABA	23.47								

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, OS, RI, RU, HG (P.P.B.)

BA 678.00:CB 24.00:ZN 77.00:NI 20.00:RB 45.00:SK 131.00:Y 20.00:ZR 85.00:NB 22.00:

COMMENTS : CARBONATIZED

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:11:47

SAMPLE ID * VB09728

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296002.7 N : 5691792.5 EL : 1387.5
 DDH : 8C-90-5 START DEPTH : 37.00 END DEPTH : 40.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.13	63.30	60.31	Q	23.95	NA2O+K2O	4.49	SiO2	63.30	SUBALKALINE		
Al2O3	14.57	16.14	18.19	C	0.00							
Fe2O3	4.44	2.14	1.53	OR	22.92	OL*	0.45	NE*	13.97	OR*	66.58	SUBALKALINE
FeO	0.00	2.50	1.99	AB	6.65	CPX	98.56	OL	0.00	OPX	1.44	ALKALINE
CaO	8.27	9.16	9.36	AN	30.54	A	42.70	F	42.12	M	15.18	TROLEITIC
MgO	1.44	1.60	2.27	LC	0.00	AL2O3	16.14	NORM	PLAG	82.11	TROLEITIC	
Na2O	0.65	0.72	1.33	NE	0.00	AM	50.80	ARA*	11.07	OR	38.13	K-RICH SERIES
K2O	3.40	3.77	4.58	KP	0.00	CI	15.80	NORM	PLAG	82.11	BASALT	
TiO2	0.43	0.48	0.34	AC	0.00							
P2O5	0.06	0.07	0.05	DI	8.80							
MnO	0.11	0.12	0.10	HE	3.83							
S	0.00	0.00	0.00	EN	0.13	JENSEN	CALC-ALKALINE	DACITE				
NiO	0.00	0.00	0.00	FS	0.06	AL	74.42	FE	16.28	MG	9.30	
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	8.72	0.00	0.00	MT	2.30							
TOTAL	90.25	100.00	100.00	IL	0.68							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	0.18							
				CPX	12.63							
				ABA	6.65							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,(R,OS,RH,RU,HG (P.P.B.)

BA 664.00:CU 20.00:ZN 31.00:NI 20.00:NR 72.00:SK 159.00:Y 20.00:ZR 84.00:NR 20.00:

COMMENTS :

==== F A I C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:12:28

SAMPLE ID # VB09729

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 002MOS
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296006.7 N : 5691795.5 EL : 1375.4
 DDW : 80-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 50.00 END DEPTH : 53.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.68	63.97	59.65	Q	22.24	NA20+K20	4.50	SiO2	63.97	SUBALKALINE		
Al2O3	15.52	16.36	17.98	C	2.90							
Fe2O3	5.87	2.08	1.46	OR	10.80	DI*	19.69	NE*	23.10	QA*	57.21	SUBALKALINE
FeO	0.00	3.70	2.98	AB	24.30							
CaO	3.92	4.13	4.13	AN	20.16	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	4.38	4.62	6.42	LC	0.00							
Na2O	2.55	2.69	4.86	NE	0.00	A	30.65	F	37.91	M	31.44	THOLEIITIC
K2O	1.72	1.81	2.16	KP	0.00							
TiO2	0.47	0.50	0.35	AC	0.00	Al2O3	16.36	NORM	PLAG	45.34		CALC-ALKALINE
P2O5	0.07	0.07	0.06	DT	0.00							
MnO	0.07	0.07	0.06	HE	0.00	AN	36.48	AB*	43.98	OR	19.54	AVERAGE SERIES
S	0.00	0.00	0.00	EN	12.83							
NiO	0.00	0.00	0.00	ES	3.73	CI	19.45	NORM	PLAG	45.34		ANDESITE
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O+	0.00	0.00	0.00	WD	0.00	AL	61.70	FE	16.29	M6	22.01	
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.09	0.00	0.00	MT	2.19							
TOTAL	94.86	100.00	100.00	IL	0.69	COLOR INDEX :	19.45					
				DR	0.00	HASHINGTO INDEX :	48.53					
				HM	0.00							
				AP	0.16							
				PD	0.00							
				NS	0.00							
				XS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	16.57							
				CPX	0.00							
				AB*	24.30							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RN, RU, HG (P.P.B.)

BA 401.00:CU 29.00:ZN 46.00:NI 20.00:RP 32.00:SK 101.00:Y 20.00:ZR 88.00:NB 20.00:

COMMENTS : SPOTTY BIOTIZATION

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:18:10

SAMPLE ID # VB09730

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16A
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 1J
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCRSSION :
 GRID COORDINATES : E : 296010.5 N : 5691798.0 EL : 1363.3
 ODH : BC-90-S START DEPTH : 63.00 END DEPTH : 66.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COHINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	59.54	62.52	56.14	Q	19.33	NA2O+K2O	4.83	SiO2	62.52	SUBALKALINE		
Al2O3	16.31	17.13	18.77	C	3.46							
Fe2O3	6.11	2.09	1.46	OK	12.60	OLA	21.31	NEA	29.97	QA	54.72	SUBALKALINE
FeO	0.00	3.89	3.03	AB	24.42							
CaO	3.86	4.05	4.04	AN	19.78	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	4.38	4.81	6.67	LC	0.00							
Na2O	2.58	2.71	4.88	NE	0.00	A	31.34	F	37.46	M	31.20	THOLEIITIC
K2O	2.02	2.12	2.52	KP	0.00							
TiO2	0.49	0.51	0.36	AC	0.00	AL2O3	17.13	NORM	PLAG	44.75		CALC-ALKALINE
P2O5	0.06	0.06	0.05	GE	0.00							
MnO	0.10	0.11	0.08	HE	0.00	AN	34.83	ABA	43.00	OR	22.18	AVERAGE SERIES
S	0.00	0.00	0.00	EN	13.33							
NiO	0.00	0.00	0.00	FS	4.04	CF	20.28	NORM	PLAG	44.75		ANDESITE
CR2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	67.81	FE	16.24	MG	21.95	
LOT	4.48	0.00	0.00	MT	2.19							
				IL	0.72							
TOTAL	95.24	100.00	100.00	CR	0.00	COLOR INDEX :	20.28					
				HM	0.00	HASHIMOTO INDEX :	50.61					
				AP	0.13							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.37							
				CPX	0.00							
				ABA	24.42							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rb, RU, Pb (P.P.B.)

BA 642.00:CU 20.00:ZN 56.00:NI 20.00:RB 49.00:SR 104.00:Y 20.00:ZR 72.00:NB 20.00:

COMMENTS : SPOTTY REDUCTION

==== F A I C O N B R J D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:13:52

SAMPLE ID # VB09731

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296013.2 N : 5691799.5 EL : 1354.9
 DDH : BC-90-5

PROJECT # 1246
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 72.00 END DEPTH : 75.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, STRONG.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRRHOTITE.
 FORMATION :

SAMPLED BY : K VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.12	59.77	54.82	B	11.53	NA20+K20	6.07	SiO2	59.77	SUBALKALINE		
Al2O3	17.92	18.75	20.27	C	5.98							
Fe2O3	7.12	2.13	1.47	DR	11.64	OLA	21.84	NEA	32.27	OR*	45.89	SUBALKALINE
FeO	0.00	4.78	0.67	AB	36.28							
CaO	2.38	2.49	2.45	AN	11.76	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	5.04	5.27	7.21	LC	0.00							
Na2O	3.90	4.08	7.26	NE	0.00	A	33.63	F	37.15	M	29.22	THOLEIIC
K2O	1.90	1.99	2.33	KP	0.00							
TiO2	0.54	0.57	0.39	AC	0.00	Al2O3	18.75	NORM	PLAG	24.48		CALC-ALKALINE
P2O5	0.07	0.07	0.06	DT	0.00							
MnO	0.09	0.09	0.07	HE	0.00	AN	19.71	AB*	60.79	OR	19.51	AVERAGE SERIES
S	0.00	0.00	0.00	EN	14.42							
NiO	0.00	0.00	0.00	FS	5.23	C1	22.64	NORM	PLAG	24.48		ANDESITE
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O-	0.00	0.00	0.00	LN	0.00	AL	61.27	FE	16.94	MG	21.79	
LOT	4.08	0.00	0.00	NT	2.21							
				IL	0.78							
TOTAL	95.37	100.00	100.00	CR	0.00	COLOR INDEX :	22.64					
				HM	0.00	WASHIMOTO INDEX :	52.50					
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	19.65							
				CPX	0.00							
				AB*	36.28							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, BS, R4, RU, AG (P.P.B.)

BA 632.00:CU 28.00:ZN 82.00:NI 20.00:RB 45.00:SR 146.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS : HORNFELSED INTERMEDIATE/FELSIC VOLCANIC, 2% PYRITE

==== F A L C O N B R I D G E I L D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 10:14:39

SAMPLE ID # VB09732

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DBH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296018.7 N : 5691803.5 EL : 1336.6
 START DEPTH : 91.50 END DEPTH : 94.50

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,5-20% ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.52	65.03	60.83	Q 22.51	NA2O+K2O 7.39 SiO2 65.03 SUBALKALINE
Al2O3	17.87	18.89	20.82	C 8.24	
Fe2O3	6.92	2.14	1.50	OR 20.08	OLA 7.65 NEA 33.13 OA 59.22 SUBALKALINE
FeO	0.00	4.66	3.65	AB 35.94	
CaO	0.72	0.76	0.76	AN 3.46	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.54	0.57	0.80	LC 0.00	
Na2O	3.75	3.96	7.19	NR 0.00	A 50.60 F 45.46 M 3.94 THOLEIITIC
K2O	3.18	3.36	4.02	KP 0.00	Al2O3 18.89 NORM PLAG 8.79 CALC-ALKALINE
TiO2	0.52	0.55	0.39	AC 0.00	
P2O5	0.03	0.05	0.04	DI 0.00	
MnO	0.02	0.02	0.02	HE 0.00	AN 5.82 AB* 60.42 OR 33.75 K-RICH SERIES
S	0.00	0.00	0.00	EN 1.59	
NiO	0.00	0.00	0.00	IS 5.05	CI 9.67 NORM PLAG 8.79 RHYOLITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 76.64 FE 20.43 MG 2.93
LOI	5.23	0.00	0.00	MT 2.25	
TOTAL	94.60	100.00	100.00	IL 0.77	COLDK INDEX : 9.67 HASHIMOTO INDEX : 45.42
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 6.64	
				CPX 0.00	
				ABA 35.94	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RN,RJ,AG (P.P.B.)

BA 914.00:CU 22.00:ZN 106.00:NI 20.00:RB 72.00:SR 152.00:Y 20.00:ZR 107.00:NB 20.00:

COMMENTS : 7-10% DISSEMINATED PYRITE

==== F A I C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:15:15

SAMPLE ID # UB09733

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296020.7 N : 5691805.0 EL : 1329.5
 DDH : BC-90-5 START DEPTH : 99.50 END DEPTH : 101.50

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CDMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.03	57.54	52.99	R 5.33	NA2O+K2O 7.26 SiO2 57.54 SUBALKALINE
Al2O3	18.61	20.19	21.92	C 2.84	
Fe2O3	6.67	2.34	1.55	OK 20.23	OLA 19.34 NE* 38.50 O* 42.16 SUBALKALINE
FeO	0.00	4.50	3.47	AB 34.09	
CaO	3.90	4.23	4.38	AN 20.52	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.03	3.29	4.51	LC 0.00	
Na2O	3.52	3.82	6.82	NE 0.00	A 42.55 F 38.17 M 19.27 THOLEIITIC
K2O	3.17	3.44	4.05	KP 0.00	
TiO2	0.56	0.61	0.42	AC 0.00	AL2O3 20.19 NORM PLAG 37.58 CALC-ALKALINE
P2O5	0.05	0.05	0.04	BI 0.00	
MnO	0.08	0.09	0.07	BE 0.00	AN 27.42 ABA 45.55 DR 27.02 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.02	
NiO	0.00	0.00	0.00	ES 4.68	CI 16.87 NORM PLAG 37.58 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 68.64 FE 17.24 MG 14.13
LOI	6.36	0.00	0.00	MT 2.32	
TOTAL	92.16	100.00	100.00	IL 0.84	COLOR INDEX : 16.87 HASHIMOTO INDEX : 45.52
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.70	
				CPX 0.00	
				ABA* 34.09	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,OS,RU,SG (P.P.B.)

BA 662.00:CU 21.00:ZN 59.00:NI 20.00:RB 65.00:SR 170.00:Y 20.00:ZR 103.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:15:57

SAMPLE ID # VB09734

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296023.5 N : 5691807.0 EL : 1320.1
 START DEPTH : 109.00 END DEPTH : 112.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.93	61.88	57.41	Q	19.06	NA2O+K2O	5.19	SiO2	61.88	SUBALKALINE		
Al2O3	16.66	17.80	19.46	C	5.92	OLA	22.85	NEA	23.01	QA	54.14	SUBALKALINE
Fe2O3	6.17	2.15	1.50	OR	15.32	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.00	3.10	AB	23.44	A	31.72	F	36.23	M	32.05	TROILITIC
CaO	2.82	3.01	2.99	AN	14.48	AL2O3	17.80	NORM	PLAG	38.19		CALC-ALKALINE
MgO	4.91	5.24	7.25	LC	0.00	AN	27.20	ABA	44.03	DR	28.77	K-RICH SERIES
Na2O	2.44	2.61	4.69	NE	0.00	C7	21.63	NORM	PLAG	38.19		ANDESITE
K2O	2.42	2.59	3.06	KP	0.00							
TiO2	0.51	0.54	0.38	AC	0.00							
P2O5	0.07	0.07	0.06	DI	0.00							
MnO	0.10	0.11	0.08	PE	0.00							
S	0.00	0.00	0.00	EN	14.50							
NiO	0.00	0.00	0.00	FS	4.11							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.73	0.00	0.00	LT	2.25							
TOTAL	93.61	100.00	100.00	IL	0.76							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				KU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	18.62							
				CPX	0.00							
				ABA	23.44							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RS,RU,MO (P.P.B.)

BA 808.00:CU 24.00:ZN 125.00:NI 20.00:RM 38.00:SK 100.00:Y 20.00:ZR 83.00:NB 20.00:

COMMENTS : WEAK FRACTURE-CONTROLLED CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:16:39

SAMPLE ID # VB09735

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 08CM05
 UTM ZONE : 1J
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296026.8 N : 5691809.5 EL : 1308.7
 DDH : 8C-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 121.00 END DEPTH : 124.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRRHOTITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.38	60.70	55.12	Q	8.31	NA2O+K2O	6.96	SiO2	60.70	SUBALKALINE		
Al2O3	17.79	18.82	20.14	C	4.12							
Fe2O3	5.86	2.14	1.46	OR	7.79	OLA	16.09	NEA	40.35	QA	43.57	SUBALKALINE
FeO	0.00	3.65	2.78	AB	49.44							
CaO	2.33	2.46	2.40	AN	17.45	CPX	0.00	OI	0.00	OPX	100.00	SUBALKALINE
MgO	4.29	4.54	6.14	LC	0.00							
Na2O	5.37	5.62	9.89	NE	0.00	A	40.76	F	32.66	M	26.58	THOLEIITIC
K2O	1.27	1.34	1.56	KP	0.00							
TiO2	0.52	0.55	0.36	AC	0.00	Al2O3	18.82	NORM	PLAG	18.80		CALC-ALKALINE
P2O5	0.08	0.08	0.07	DI	0.00							
MnO	0.09	0.10	0.07	HE	0.00	AN	16.67	ABA	71.99	OR	11.34	AVERAGE SERIES
S	0.00	0.00	0.00	EN	12.28							
NiO	0.00	0.00	0.00	FS	3.49	CI	18.71	NORM	PLAG	18.80		DACITE
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O-	0.00	0.00	0.00	LN	0.00	Al	65.04	Fe	15.13	Mg	19.83	
LOI	5.29	0.00	0.00	MT	2.19							
TOTAL	94.54	100.00	100.00	IL	0.75	COLOR INDEX :	18.71					
				CR	0.00	HASHIMOTO INDEX :	42.12					
				HM	0.00							
				AP	0.17							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				OPX	15.77							
				CPX	0.00							
				ABA	49.44							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, WG (P.P.B.)

BA 443.00:CU 20.00:ZN 70.00:NB 20.00:RB 35.00:SK 164.00:Y 27.00:ZR 138.00:NB 20.00:

COMMENTS : HORNEELED INTERMEDIATE/FELSIC VOLCANIC, 2% PYRRHOTE

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:17:20

SAMPLE ID # VB09736

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296030.5 N : 5691012.5 EL : 1295.5
 DOR : 8C-90-5 START DEPTH : 135.00 END DEPTH : 138.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLENDS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : H VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 20-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.58	61.73	57.06	D	17.66	NA2O+K2O	5.24	SiO2	61.73	SUBALKALINE		
Al2O3	17.71	18.66	20.93	C	4.83	OLA	17.77	NEA	28.86	QA	53.36	SUBALKALINE
Fe2O3	5.52	2.18	1.52	OR	11.07	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.27	2.53	AB	30.12	A	35.31	F	35.28	M	29.41	THOLEIITIC
CaO	3.60	3.79	3.76	AN	18.17	AL2O3	18.66	NORM	PLAG	37.62	CALC-ALKALINE	
MgO	4.14	4.36	6.01	LC	0.00	AN	30.61	AB*	50.74	OR	18.65	AVERAGE SERIES
Na2O	3.19	3.36	6.02	NE	0.00	CI	17.95	NORM	PLAG	37.62	ANDESITE	
K2O	1.73	1.88	2.21	KP	0.00	JENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.57	0.60	0.42	AC	0.00	AI	65.88	FE	14.65	MG	19.47	
P2O5	0.09	0.09	0.07	DT	0.00	COLOR INDEX :	17.95					
MnO	0.07	0.07	0.06	HE	0.00	NASHIMOTO INDEX :	46.53					
S	0.00	0.00	0.00	EN	12.02							
NiO	0.00	0.00	0.00	ES	2.82							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.58	0.00	0.00	MT	2.28							
TOTAL	94.90	100.00	100.00	IL	0.84							
				CR	0.00							
				HM	0.00							
				AP	0.20							
				PO	0.00							
				VS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	14.84							
				CPX	0.00							
				AB*	30.12							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RI, RU, FR (P.P.B.)

BA 713.00:CG 20.00:ZN 35.00:NI 20.00:NR 40.00:SR 157.00:Y 20.00:ZR 124.00:NB 20.00:

COMMENTS : CALCAREOUS SPOTS (WEAK)

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:18:02

SAMPLE ID # VB09737

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296034.6 N : 5691815.5 EL : 1281.3
 DDN : BC-90-5 START DEPTH : 150.00 END DEPTH : 153.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% , PYRITE.
 FORMATION :

SAMPLED BY : K VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.83	61.70	57.71	Q 23.54	NA20+K20 3.00 SiO2 61.70 SUBALKALINE
Al2O3	16.69	17.50	19.30	C 4.71	
Fe2O3	6.58	2.14	1.51	OR 6.70	DiA 24.91 NEA 16.81 DiA 58.27 SUBALKALINE
FeO	0.00	4.28	3.35	AB 17.02	
CaO	4.79	5.02	5.03	AN 24.62	CPX 0.00 Di 0.00 OPX 100.00 SUBALKALINE
MgO	5.35	5.61	7.82	LC 0.00	
Na2O	1.79	1.88	3.40	NE 0.00	A 20.24 F 41.90 M 37.86 THOLEITIC
K2O	1.07	1.12	1.34	KP 0.00	
TiO2	0.54	0.57	0.40	AC 0.00	Al2O3 17.50 NORM PLAG 59.12 CALC-ALKALINE
P2O5	0.08	0.08	0.07	Di 0.00	
MnO	0.08	0.08	0.07	HE 0.00	AN 50.93 AB* 35.21 OR 13.86 AVERAGE SERIES
S	0.00	0.00	0.00	EN 15.64	
NiO	0.00	0.00	0.00	FS 4.53	CI 23.23 NORM PLAG 59.12 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 59.49 FE 16.41 MG 24.11
LOI	4.21	0.00	0.00	MT 2.26	
TOTAL	95.35	100.00	100.00	IL 0.80	COLOR INDEX : 23.23 HASHIMOTO INDEX : 49.38
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 20.18	
				CPX 0.00	
				AB* 17.02	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PU, IX, OS, RH, RU, HG (P.P.B.)

BA 401.00:CU 20.00:ZN 55.00:NI 20.00:NR 23.00:SR 258.00:Y 21.00:ZR 109.00:NH 28.00:

COMMENTS : CALCAREOUS SPOTS (WEAK)

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:18:44

SAMPLE ID # VB09788

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DGN : BC-90-S

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTIM
 E : 296039.5 N : 5691819.0 EL : 1264.3
 START DEPTH : 168.00 END DEPTH : 171.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS ,CARBONATIZATION ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLES, L-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CDMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	58.44	62.25	58.36	Q	22.32	NA2O+K2O	3.96	SiO2	62.25	SUBALKALINE		
Al2O3	17.04	18.15	20.06	C	2.22	Or*	18.39	Ne*	19.61	Or*	62.01	SUBALKALINE
Fe2O3	5.31	3.18	1.54	OR	12.50	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.93	2.30	AB	17.04	A	31.45	F	38.87	M	29.68	THOLEIITIC
CaO	5.68	6.05	6.08	AN	29.82	Al2O3	18.15	NORM	PLAG	63.64	CALC-ALKALINE	
MgO	3.51	3.74	5.22	LC	0.00	AN	50.24	AB*	28.70	OR	21.06	AVERAGE SERIES
Na2O	1.76	1.87	3.41	NE	0.00	Cl	15.92	NORM	PLAG	63.64	BASALT	
K2O	1.96	2.09	2.50	KP	0.00	TENSEN	CALC-ALKALINE	ANDESITE				
TiO2	0.55	0.59	0.41	AC	0.00	AL	67.80	FE	14.55	MG	17.66	
P2O5	0.08	0.09	0.07	DI	0.00	COLOR INDEX :	15.92					
MnO	0.06	0.06	0.05	HE	0.00	NASHIMOTO INDEX :	42.37					
S	0.00	0.00	0.00	EN	10.45							
NiO	0.00	0.00	0.00	FS	2.33							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.17	0.00	0.00	LN	0.00							
TOTAL	93.88	100.00	100.00	MT	2.31							
				IL	0.83							
				CR	0.00							
				HM	0.00							
				AP	0.18							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.78							
				CPX	0.00							
				AB*	17.04							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 655.00:GU 32.00:ZN 42.00:NI 20.00:RB 57.00:SR 267.00:Y 20.00:ZR 89.00:NB 20.00:

COMMENTS : CALCAREOUS SPOTS (WEAK)

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:19:25

SAMPLE ID # VB09739

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082MOS
 UTM ZONE : J1
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296043.3 N : 5691821.5 EL : 1251.1
 DEM : BC-90-5 START DEPTH : 182.00 END DEPTH : 185.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS ,CARBONATIZATION ,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CONINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.33	59.83	56.07	Q 16.98	NA2O+K2O 3.81 SiO2 59.83 SUBALKALINE
Al2O3	17.03	18.14	20.04	C 0.51	
Fe2O3	6.44	2.13	1.51	OR 11.50	OLA 24.09 NEA 20.48 GA 55.43 SUBALKALINE
FeO	0.00	4.23	3.32	AB 17.17	
CaO	6.56	6.97	7.00	AN 34.49	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.93	4.17	5.83	LC 0.00	
Na2O	1.78	1.89	3.43	NE 0.00	A 26.96 F 43.52 M 29.52 THOLEIITIC
K2O	1.81	1.92	2.30	KP 0.00	
TiO2	0.51	0.54	0.38	AC 0.00	Al2O3 18.14 NORM FLAG 66.76 CALC-ALKALINE
P2O5	0.07	0.07	0.06	DI 0.00	
MnO	0.08	0.08	0.07	WE 0.00	AN 54.60 ABA 27.19 OR 18.21 AVERAGE SERIES
S	0.00	0.00	0.00	EN 11.66	
NiO	0.00	0.00	0.00	FS 4.50	CZ 19.18 NORM FLAG 66.76 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LM 0.00	AL 64.35 FE 16.93 MG 18.72
LOI	3.61	0.00	0.00	HT 2.26	
TOTAL	94.15	100.00	100.00	IL 0.76	COLOR INDEX : 19.18 HASHIMOTO INDEX : 40.77
				CR 0.00	
				HK 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 16.16	
				CPX 0.00	
				ABA 17.17	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,OS,RH,RU,HG (P.P.B.)

BA 667.00:CU 39.00:ZN 62.00:NI 20.00:RR 47.00:SR 235.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS : CALCEROUS SPOTS (MODERATE)

==== F A I C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:20:07

SAMPLE ID # VB09740

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 71
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDM : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296047.3 N : 5691824.5 EL : 1237.9
 START DEPTH : 196.00 END DEPTH : 199.00

FIELD NAME : VOLCANIC ELASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20% , PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.63	62.93	59.72	Q 30.04	NA2O+K2O 5.13 SiO2 62.93 SUBALKALINE
Al2O3	19.26	20.67	23.12	C 12.19	
Fe2O3	6.78	2.17	1.55	OR 24.78	OL* 15.12 NE* 11.58 GA 73.30 SUBALKALINE
FeO	0.00	4.60	3.65	AB 9.58	
CaO	1.94	2.00	2.12	AN 10.15	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.64	1.76	2.49	LC 0.00	
Na2O	0.97	1.04	1.92	NE 0.00	A 38.18 F 48.72 K 13.10 THOLEIITIC
K2O	3.81	4.09	4.96	KP 0.00	
TiO2	0.52	0.56	0.40	AC 0.00	Al2O3 20.67 NORM PLAG 51.46 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.04	0.04	0.03	HE 0.00	AN 22.81 AB* 21.52 DR 55.67 K-RICH SERIES
S	0.00	0.00	0.00	EN 4.98	
NiO	0.00	0.00	0.00	FS 5.02	CI 13.12 NORM PLAG 51.46 ANDESITE
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN THOLEIITIC RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 74.03 FE 18.02 Mg 7.97
LOI	6.19	0.00	0.00	MT 2.32	
TOTAL	93.17	100.00	100.00	IL 0.80	COLOR INDEX : 13.12 WASHINGTON INDEX : 65.19
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 10.00	
				CPX 0.00	
				AB* 9.58	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, R4, RU, HG (P.P.B.)

BA 1291.00:CU 33.00:ZN 83.00:MO 20.00:RH 94.00:SK 168.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS : 4-7% PYRITE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:20:49

SAMPLE ID # VB09741

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296050.3 N : 5691826.5 EL : 1227.5
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 207.00 END DEPTH : 210.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,5-20% ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.04	65.15	62.17	Q 30.36	NA20+K20 4.40 SiO2 65.15 SUBALKALINE
Al2O3	15.15	16.17	18.19	C 4.10	
Fe2O3	6.22	2.13	1.53	OR 24.84	OLA 21.27 NEA 3.82 QA 74.91 SUBALKALINE
FeO	0.00	4.05	3.23	AB 2.96	
CaO	4.00	4.27	4.37	AN 21.32	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.91	3.11	4.42	LC 0.00	
Na2O	0.30	0.32	0.59	NE 0.00	A 32.63 F 44.32 K 23.05 THOLETTIC
K2O	3.82	4.08	4.97	KP 0.00	
TiO2	0.50	0.53	0.38	AC 0.00	Al2O3 16.17 NORM PLAG 87.80 THOLETTIC
P2O5	0.07	0.07	0.06	DI 0.00	
MnO	0.11	0.12	0.09	HE 0.00	AN 43.40 AB* 6.03 OR 50.57 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.83	
NiO	0.00	0.00	0.00	FS 4.36	CJ 16.26 NORM PLAG 87.80 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 65.37 Fe 18.83 Mg 15.86
LOI	5.29	0.00	0.00	MT 2.30	
TOTAL	93.70	100.00	100.00	IL 0.77	COLOR INDEX : 16.26 MASHIMOTO INDEX : 61.02
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PQ 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.19	
				CPX 0.00	
				AB* 2.96	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,R+,RU,MG (P.P.B.)

BA 916.00:CU 32.00:ZN 49.00:NI 20.00:RB 97.00:SR 145.00:Y 20.00:2N 93.00:NB 20.00:

COMMENTS : 3-7% PYRITE

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:21:31

SAMPLE ID : VB09742

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LDI : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296057.5 N : 5691832.0 EL : 1203.5
 DDH : BC-90-5 START DEPTH : 232.50 END DEPTH : 235.50

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, S-20% , PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	45.30	51.36	49.29	Q	11.15	NA2O+K2O	6.59	SiO2	53.36	ALKALINE		
Al2O3	20.32	23.04	26.06	C	16.53	GLA	44.99	NEA	7.06	GA	47.95	SUBALKALINE
Fe2O3	15.21	2.43	1.75	DR	37.31	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	13.33	10.70	AB	4.64	A	27.62	F	65.06	M	7.32	THOLEIITIC
CaO	0.58	0.66	0.68	AN	2.84	AL2O3	23.04	NORM PLAG	37.99			CALC-ALKALINE
MgO	1.54	1.75	2.50	LC	0.00	AN	6.35	ABA	10.36	OR	83.29	SODIC
Na2O	0.44	0.50	0.93	NE	0.00	CR	27.35	NORM PLAG	37.99			HAWAIIITE
K2O	5.37	6.09	7.46	KP	0.00	ED	0.00					
TiO2	0.64	0.73	0.52	AC	0.00	EA	0.00					
P2O5	0.07	0.08	0.06	DE	0.00	WD	0.00	JENSEN	THOLEIITIC	DACITE		
MnO	0.04	0.05	0.04	BE	0.00	AI	62.69	FE	31.33	MG	6.01	
S	0.00	0.00	0.00	EN	4.99			COLOR INDEX :	27.35			
NiO	0.00	0.00	0.00	FS	18.68			WASHENDD INDEX :	87.14			
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	10.47	0.00	0.00	MT	2.63							
TOTAL	88.20	100.00	100.00	IL	1.05							
				CR	0.00							
				HM	0.00							
				AP	0.17							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AS	0.00							
				OL	0.00							
				GPX	23.67							
				CPX	0.00							
				ABA	4.64							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, SG (P.P.B.)

BA 1759.00:CD 3250.00:ZN 104.00:NI 20.00:RB 143.00:SR 100.00:Y 20.00:ZR 84.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09743

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16R
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296061.9 N : 5691835.0 FL : 1188.8
 DOH : 8C-90-5 START DEPTH : 248.00 END DEPTH : 251.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,BIOTITIZATION ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.40	60.63	56.75	Q 24.05	NA2O+K2O 4.09 SiO2 60.63 SUBALKALINE
Al2O3	16.99	17.95	19.00	C 9.37	
Fe2O3	6.44	2.27	7.60	OR 22.73	OLA 35.76 NEA 3.05 OA 61.19 SUBALKALINE
FeO	0.00	4.08	3.19	AB 2.59	
CaO	2.65	2.80	2.81	AN 13.41	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.86	7.25	10.11	LC 0.00	
Na2O	0.27	0.29	0.52	NE 0.00	A 23.42 F 35.07 M 47.51 THOLEIITIC
K2O	3.60	3.80	4.93	XP 0.00	
TiO2	0.65	0.69	0.48	AC 0.00	AL2O3 17.95 NORM PLAG 83.82 THOLEIITIC
P2O5	0.09	0.10	0.08	DT 0.00	
MnO	0.15	0.16	0.13	HE 0.00	AN 34.62 ABA 6.68 OR 58.69 K-RICH SERIES
S	0.00	0.00	0.00	EN 20.22	
NiO	0.00	0.00	0.00	FS 4.07	CI 27.65 NORM PLAG 83.82 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 56.09 FE 15.30 MG 28.63
LOI	5.11	0.00	0.00	MT 2.40	
TOTAL	94.67	100.00	100.00	IL 0.97	COLOR INDEX : 27.65 HASHIMOTO INDEX : 78.18
				CR 0.00	
				HM 0.00	
				AP 0.20	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 24.28	
				CPX 0.00	
				ABA 2.59	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RN,RU,MO (P.P.B.)

BA 918.00:CU 20.00:ZN 80.00:NI 20.00:RB 96.00:SR 116.00:Y 20.00:ZR 109.00:NB 20.00:

COMMENTS : WEAK PERVASIVE BIOTITE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:22:54

SAMPLE ID # VB09744

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-160
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 7J
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296064.J N : 5691836.5 EL : 1181.3
 DDH : BC-90-S

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 256.00 END DEPTH : 259.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CUMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.40	60.51	56.87	Q	20.30	NA2O+K2O	3.84	SiO2	60.51	SUBALKALINE		
Al2O3	16.40	17.29	19.15	C	2.44	OLA	31.05	WEA	9.12	GA	59.83	SUBALKALINE
Fe2O3	6.27	2.19	1.55	OR	18.35	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.97	3.12	AB	7.11	A	25.15	F	38.98	M	35.86	THOLEITIC
CaO	5.39	5.89	5.93	AN	29.04	AL2O3	17.29	NORM	PLAG	80.34	THOLEITIC	
MgO	5.19	5.47	7.56	LC	0.00	AN	53.29	AB*	13.04	OR	33.67	K-RICH SERIES
Na2O	0.74	0.78	1.42	NE	0.00	CI	23.55	NORM	PLAG	80.34	BASALT	
K2O	2.90	3.06	3.67	KP	0.00	JENSEN	CALC-ALKALINE	BASALT				
TiO2	0.58	0.63	0.43	AC	0.00	AL	59.81	FE	16.26	MG	23.93	
P2O5	0.09	0.09	0.08	DT	0.00	COLOR INDEX :	22.55					
MnO	0.12	0.13	0.10	HE	0.00	HASHIMOTO INDEX :	56.10					
S	0.00	0.00	0.00	EN	15.33							
NiO	0.00	0.00	0.00	ES	4.03							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.33	0.00	0.00	MT	2.33							
TOTAL	94.86	100.00	100.00	IL	0.86							
				CR	0.00							
				HM	0.00							
				AP	0.20							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				GPX	19.36							
				CPX	0.00							
				AB*	7.11							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, DS, RB, RU, HG (P.P.B.)

BA 663.00:CU 27.00:ZN 74.00:NI 20.00:RB 85.00:SR 172.00:Y 30.00:ZR 102.00:NB 20.00:

COMMENTS : WEAK TO MODERATE PERVASIVE CHLORITE

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:23:35

SAMPLE ID # VB09745

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296067.2 N : 5691838.5 EL : 1170.9
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 267.00 END DEPTH : 270.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,BIOTITIZATION ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED		NORMS		CLASSIFICATIONS AND INDICES						
		ANHYDROUS WT %	ANHYDROUS CATION %									
SiO2	57.42	61.58	56.23	Q	25.48	NA20+K20	4.30	SiO2	61.58	SUBALKALINE		
Al2O3	16.78	18.00	20.06	C	7.89							
Fe2O3	7.47	2.28	1.63	DR	21.24	OLA	27.04	NEA	8.43	QA	64.53	SUBALKALINE
FeO	0.00	5.15	4.07	AB	7.18							
CaO	3.09	3.31	3.36	AN	16.21	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	4.19	4.49	6.33	LC	0.00							
Na2O	0.73	0.79	1.44	NE	0.00	A	26.87	F	45.05	K	28.08	THOLEIITIC
K2O	3.28	3.52	4.25	KP	0.00	Al2O3	18.00	NORM	PLAG	69.32		CALC-ALKALINE
TiO2	0.63	0.68	0.48	AC	0.00							
P2O5	0.08	0.09	0.07	DI	0.00	AN	36.33	ABA	16.08	OR	47.59	K-RICH SERIES
MnO	0.11	0.12	0.09	HE	0.00							
S	0.00	0.00	0.00	EN	12.66	CI	21.82	NORM	PLAG	69.32		BASALT
NiO	0.00	0.00	0.00	FS	5.75							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
H2O+	0.00	0.00	0.00	WO	0.00	AL	61.40	FE	19.21	MG	19.39	
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.15	0.00	0.00	MT	2.44							
TOTAL	93.24	100.00	100.00	IL	0.96	COLOR INDEX :	21.82					
				CR	0.00	HASHIMOTO INDEX :	66.16					
				HM	0.00							
				AF	0.18							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	10.42							
				CPX	0.00							
				ABA	7.18							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,CR,OS,R4,RU,HG (P.P.B.)

BA 872.00:CU 28.00:ZN 124.00:NI 20.00:RB 82.00:SK 176.00:Y 20.00:ZR 98.00:NB 20.00:

COMMENTS : WEAK FRACTURE-CONTROLLED CARBONATE

==== F A L C O N B R I D G E I . I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:24:17

SAMPLE ID # VB09746

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : J1
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296071.9 N : 5691842.0 EL : 1155.2
 DDH : BC-90-5 START DEPTH : 284.00 END DEPTH : 286.25

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, I-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	56.69	67.34	57.74	Q 18.70	NA20+K20 4.36 SI02 67.34 SUBALKALINE
AL2O3	15.42	16.68	19.51	C 0.00	
FE2O3	6.11	2.25	1.59	OR 15.67	OL* 19.52 NE* 20.46 GA 60.02 SUBALKALINE
FE0	0.00	3.92	3.09	AB 15.99	
CAO	6.49	7.02	7.08	AN 30.45	CPX 22.35 OL 0.00 OPX 77.65 SUBALKALINE
MGO	3.32	3.59	5.04	LC 0.00	
NA2O	1.62	1.75	3.20	NE 0.00	A 30.37 F 42.79 M 25.84 THOLEIITIC
K2O	2.41	3.61	3.13	KP 0.00	AL2O3 16.68 NORM PLAG 65.56 THOLEIITIC
TIO2	0.58	0.63	0.44	AC 0.00	
P2O5	0.08	0.09	0.07	DT 2.54	
MNO	0.11	0.12	0.09	IE 0.98	AN 49.02 ABA 25.75 OR 25.24 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.81	CI 19.00 NDRM PLAG 65.56 BASALT
NiO	0.00	0.00	0.00	FS 3.40	
CR2O3	0.00	0.00	0.00	FO 0.00	JENSEN CALC-ALKALINE ANDESITE
CO2	0.00	0.00	0.00	FA 0.00	Al 64.34 FE 18.15 MG 17.51
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	COLOR INDEX : 19.00
LOI	5.82	0.00	0.00	HT 2.39	HASHIMOTO INDEX : 41.40
TOTAL	92.43	100.00	100.00	IL 0.89	
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.21	
				CPX 3.51	
				ABA* 15.99	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, R3, RU, MG (P.P.B.)

BA 565.00:CU 22.00:ZN 46.00:NI 20.00:RB 59.00:SR 161.00:Y 20.00:ZR 111.00:NB 20.00:

COMMENTS : *HORNFEISED*

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID : VB09747

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296075.0 N : 5691844.5 EL : 1144.7
 START DEPTH : 295.00 END DEPTH : 297.50

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS ,CHLORITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS,<1% ,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	55.42	61.63	58.20	Q 20.63	NA2O+K2O 4.48 SI02 61.63 SUBALKALINE
AL2O3	15.47	17.20	19.15	C 0.00	
FE2O3	4.86	2.29	1.63	OR 22.33	OLA 22.09 NE* 10.87 GA 67.04 SUBALKALINE
FE0	0.00	2.80	2.21	AB 7.13	
CAO	6.36	7.07	7.16	AN 33.14	CPX 12.76 DL 0.00 OPX 87.24 SUBALKALINE
MGO	3.27	3.64	5.12	LC 0.00	
NA2O	0.70	0.78	1.43	NE 0.00	A 34.52 F 37.46 M 28.01 THOLEIITIC
K2O	3.33	3.70	4.47	KP 0.00	
TIO2	0.56	0.62	0.44	AC 0.00	AL2O3 17.20 NORM PLAG 82.30 THOLEIITIC
P2O5	0.07	0.08	0.06	DI 1.40	
MNO	0.16	0.18	0.14	HE 0.30	AN 52.94 ABA 11.38 OR 35.67 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.54	
NiO	0.00	0.00	0.00	FS 2.05	CI 16.61 NORM PLAG 82.30 BASALT
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALD-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.74 FE 15.42 MG 17.84
LOI	8.41	0.00	0.00	MT 2.44	
TOTAL	89.92	100.00	100.00	IL 0.88	COLOR INDEX : 16.61
				CR 0.00	HASHIMOTO INDEX : 48.32
				HM 0.00	
				AP 0.17	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 11.59	
				CPX 1.70	
				ABA 7.13	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HG (P.P.B.)

BA 722.00:CU 20.00:ZN 38.00:NI 20.00:RB 80.00:SR 144.00:Y 20.00:ZR 108.00:NB 20.00:

COMMENTS : 'HORNFEISED'

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID + VB09748

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296079.1 N : 5691847.0 EL : 1131.2
 DDH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 309.00 END DEPTH : 312.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS
SiO2	59.20	63.76	60.64	Q	28.95
Al2O3	15.38	16.56	18.57	C	6.16
Fe2O3	7.02	2.18	1.56	OR	23.35
FeO	0.00	4.85	3.85	AB	3.28
CaO	3.32	3.58	3.64	AN	17.71
MgO	3.84	4.14	5.86	LC	0.00
Na2O	0.33	0.36	0.66	NE	0.00
K2O	3.57	3.84	4.67	KP	0.00
TiO2	0.52	0.56	0.40	AC	0.00
P2O5	0.07	0.08	0.06	DT	0.00
MnO	0.10	0.11	0.09	ME	0.00
S	0.00	0.00	0.00	EN	11.72
NiO	0.00	0.00	0.00	FS	5.52
Cr2O3	0.00	0.00	0.00	FO	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	5.80	0.00	0.00	MT	2.34
TOTAL	92.85	100.00	100.00	IL	0.80
				CR	0.00
				HM	0.00
				AP	0.16
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				OL	0.00
				OPX	17.25
				CPX	0.00
				ABA	3.28

CLASSIFICATIONS AND INDICES

NA2O+K2O	4.20	SiO2	63.76	SUBALKALINE		
OLA	26.14	NEA	3.97	QA	69.88	SUBALKALINE
CPX	0.00	QL	0.00	OPX	100.00	SUBALKALINE
A	27.74	F	44.94	M	27.32	THOLEIITIC
Al2O3	16.56	NORM	PLAG	84.39	THOLEIITIC	
AN	39.95	ABA	7.39	OR	52.66	K-RICH SERIES
CI	20.38	NORM	PLAG	84.39	BASALT	
JENSEN	CALC-ALKALINE ANDESITE					
AL	61.22	EE	19.45	MG	19.33	

COLOR INDEX : 20.38
 WASHIMDIO INDEX : 67.00

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)

BA 923.00:CU 58.00:ZN 589.00:MO 20.00:RH 90.00:SR 92.00:Y 20.00:ZK 90.00:NB 20.00:

COMMENTS : LAPILLI/ASH, REWORKED

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:26:22

SAMPLE ID # VB09749

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16H
 TOWNSHIP :
 NTS : Q82M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DBH : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296083.9 N : 5691850.5 EL : 1115.2
 START DEPTH : 326.00 END DEPTH : 329.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.70	66.23	63.36	Q 34.11	NA2O+K2O 4.53 SiO2 66.23 SUBALKALINE
Al2O3	15.18	16.45	18.56	C 7.11	
Fe2O3	6.30	2.06	1.48	OR 26.95	OLA 20.42 NEA 1.37 GA 78.21 SUBALKALINE
FeO	0.00	4.29	3.43	AB 1.11	
CaO	2.69	2.92	2.99	AN 14.58	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.62	2.84	4.05	LC 0.00	
Na2O	0.11	0.12	0.22	NE 0.00	A 33.52 F 45.46 M 21.01 THOLEIITIC
K2O	4.07	4.41	5.39	KP 0.00	
TiO2	0.40	0.43	0.31	AC 0.00	AL2O3 16.45 NORM PLAG 92.95 THOLEIITIC
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.18	0.20	0.16	HE 0.00	AN 34.19 ABA 2.59 OR 63.21 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.10	
NiO	0.00	0.00	0.00	FS 5.08	CI 16.02 NORM PLAG 92.95 BASALT
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 66.29 EE 19.24 MG 14.47
LOI	6.33	0.00	0.00	MT 2.22	
TOTAL	92.36	100.00	100.00	IL 0.62	COLOR INDEX : 16.02 HASHIMOTO INDEX : 70.50
				CR 0.00	
				HM 0.00	
				AP 0.12	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.18	
				CPX 0.00	
				ABA 1.11	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, R1, RU, HG (P.P.B.)

BA 1189.00:CU 65.00:ZN 536.00:NI 20.00:RB 97.00:SR 88.00:Y 20.00:ZR 103.00:NB 20.00:

COMMENTS : LAPILLI WASH, REWORKED?

==== F A L C O N B R I D G E J I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:27:04

SAMPLE ID # VB09750

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296087.1 N : 5691852.5 EL : 1104.8
 DDH : BC-90-S START DEPTH : 337.00 END DEPTH : 340.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS ,CHLORITIZATION,WEAK.
 MINERALIZATION : NIL ,NIL ,NO COMMENT.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CDHINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.88	64.95	61.58	Q 30.87	NA20+K20 4.33 SiO2 64.95 SUBALKALINE
Al2O3	15.79	16.84	18.83	C 7.00	
Fe2O3	5.86	2.07	1.48	OR 24.09	OLA 23.85 NE* 3.88 O* 72.27 SUBALKALINE
FeO	0.00	3.76	3.98	AB 3.24	
CaO	3.00	3.20	3.25	AN 15.90	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.95	4.21	5.95	LC 0.00	
Na2O	0.33	0.35	0.65	NE 0.00	A 30.57 F 39.70 M 29.74 THOLEIITIC
K2O	3.73	3.98	4.82	KP 0.00	
TiO2	0.44	0.47	0.33	AC 0.00	Al2O3 16.84 NORM PLAG 83.09 THOLEIITIC
P2O5	0.05	0.05	0.04	UI 0.00	
MnO	0.10	0.11	0.09	HE 0.00	AN 36.78 AB* 7.49 OR 55.73 K-RICH SERIES
S	0.00	0.00	0.00	EN 11.91	
NiO	0.00	0.00	0.00	FS 3.99	CI 18.79 NORM PLAG 83.09 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 63.47 FE 16.46 MG 20.03
LOI	4.92	0.00	0.00	MT 2.22	
TOTAL	93.74	100.00	100.00	IL 0.67	COLOR INDEX : 18.79 HASHIMOTO INDEX : 69.75
				CR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 15.90	
				CPX 0.00	
				AB* 3.24	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HG (P.P.B.)

BA 1051.00:CU 40.00:ZN 135.00:NI 20.00:RB 92.00:SR 118.00:Y 20.00:ZR 79.00:NB 20.00:

COMMENTS : *ORNFELSD*

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:27:46

SAMPLE ID # VB09751

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16A
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296090.8 N : 5691855.5 EL : 1092.5
 ODM : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 350.50 END DEPTH : 352.50

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCKTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.39	64.90	60.66	Q 21.29	NA2O+K2O 5.90 SiO2 64.90 SUBALKALINE
Al2O3	16.17	17.04	18.78	C 0.52	
Fe2O3	3.66	2.03	1.43	DR 22.34	OLA 13.22 NEA 23.65 QA 63.13 SUBALKALINE
FeO	0.00	1.66	1.29	AB 19.54	
CaO	4.73	5.00	5.01	AN 24.69	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.75	2.91	4.05	LC 0.00	
Na2O	2.04	2.16	3.90	NE 0.00	A 48.03 F 28.33 K 29.66 CALC-ALKALINE
K2O	3.54	3.74	4.47	KP 0.00	
TiO2	0.42	0.44	0.31	AC 0.00	Al2O3 17.04 NORM PLAG 55.82 CALC-ALKALINE
P2O5	0.05	0.05	0.04	DC 0.00	
MnO	0.06	0.06	0.05	HE 0.00	AN 37.09 ABA 29.35 DR 33.56 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.10	
NiO	0.00	0.00	0.00	ES 0.64	CI 11.50 NORM PLAG 55.82 HIGH ALUMINA ANDESITE
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 72.47 FE 11.90 MG 15.63
LOI	4.87	0.00	0.00	HT 2.14	
TOTAL	94.59	100.00	100.00	IL 0.62	COLOR INDEX : 11.50
				CR 0.00	YASHIMOTO INDEX : 48.16
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 8.74	
				CPX 0.00	
				ABA 19.54	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA	947.00:CU	20.00:ZN	25.00:NR	20.00:RH	84.00:SR	198.00:Y	20.00:TK	94.00:NB	20.00:
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COMMENTS : FELSIC/INTERMEDIATE TUFFACEOUS SEDIMENTS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:28:28

SAMPLE ID # VB09752

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296095.7 N : 5691858.3 EL : 1076.5
 DGR : BC-90-5

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 367.00 END DEPTH : 370.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN
 MINERALIZATION : DISSEMINATED AND BLEBS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : M VAMMI ELUITE
 ANALYZED BY : CULINCO

DATE : 20-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.79	62.57	58.63	Q 17.87	NA20+K20 6.03 SiO2 62.57 SUBALKALINE
Al2O3	16.77	17.85	19.71	C 0.73	
Fe2O3	4.89	2.10	1.48	OK 24.33	OLA 16.11 NEA 23.56 OA 60.33 SUBALKALINE
FeO	0.00	2.00	2.19	AB 17.88	
CaO	5.00	5.33	5.35	AN 26.34	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.50	2.66	3.72	LC 0.00	
Na2O	1.85	1.97	3.58	NE 0.00	A 45.11 F 35.00 M 19.89 THOLEIITIC
K2O	3.82	4.07	4.87	KP 0.00	
TiO2	0.47	0.50	0.35	AC 0.00	AL2O3 17.85 NORM FLAG 59.56 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.09	0.10	0.08	WE 0.00	AN 38.43 ANA 26.09 OR 35.48 X-RICH SERIES
S	0.00	0.00	0.00	EN 7.43	
NiO	0.00	0.00	0.00	FS 2.35	C1 12.70 NORM FLAG 59.56 BASALT
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	MO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 70.60 Fe 14.89 Mg 13.50
LOI	5.44	0.00	0.00	MT 2.22	
TOTAL	93.96	100.00	100.00	IL 0.70	COLOR INDEX : 12.70 HASHIMOTO INDEX : 47.95
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				MS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.78	
				CPX 0.00	
				ABA 17.88	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, R4, RU, HG (P.P.B.)

BA 884.00:CU 33.00:ZN 43.00:NI 20.00:IR 98.00:SR 144.00:Y 20.00:ZR 85.00:NB 20.00:

COMMENTS : FELSIC/INTERMEDIATE TUFFACEOUS SEDIMENTS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:29:09

SAMPLE ID # V809753

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296100.0 N : 5691861.5 EL : 1062.4
 DDH : BC-90-S START DEPTH : 382.00 END DEPTH : 385.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, K_2O , PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CONINGO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	61.91	65.32	61.76	Q 26.43	NA2O+K2O 4.18 ST02 65.32 SUBALKALINE
Al2O3	15.18	16.02	17.95	C 0.00	
Fe2O3	4.55	2.02	1.43	OK 16.69	OLA 13.55 NE* 16.17 O* 70.28 SUBALKALINE
FeO	0.00	2.51	1.98	AB 12.96	
CaO	6.24	6.58	6.67	AN 29.80	OPX 22.76 DI 0.00 OPX 77.24 SUBALKALINE
MgO	2.65	2.80	3.94	LC 0.00	
Na2O	1.34	1.41	2.59	NE 0.00	A 37.00 F 38.25 N 24.76 THOLEIITIC
K2O	2.62	2.76	3.34	KP 0.00	
TiO2	0.41	0.43	0.31	AC 0.00	Al2O3 16.02 NORM PLAG 69.69 THOLEIITIC
P2O5	0.05	0.05	0.04	DI 2.02	
MnO	0.10	0.11	0.08	BE 0.54	AN 50.13 ABA 21.80 DR 28.00 K-RICH SERIES
S	0.00	0.00	0.00	EN 6.87	
NiO	0.00	0.00	0.00	FS 1.82	CI 14.01 NORM PLAG 69.69 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LV 0.00	Al 69.73 FE 14.88 MG 15.39
LOI	4.94	0.00	0.00	MT 2.15	
TOTAL	94.79	100.00	100.00	IL 0.62	COLOR INDEX : 14.01 WASHIMOTO INDEX : 41.01
				DR 0.00	
				HM 0.00	
				AP 0.11	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.68	
				CPX 2.56	
				AB* 12.96	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 392.00:CU 20.00:ZN 94.00:NI 20.00:NB 65.00:SR 227.00:Y 20.00:ZR 96.00:MH 21.00:

COMMENTS : HORNFELSER, WEAK TO MODERATE FRACTURE - CONTROLLED CARBONATE

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:29:51

SAMPLE ID # VB09754

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 396103.2 N : 5691864.0 EL : 1052.0
 DD# : BC-90-5 START DEPTH : 393.00 END DEPTH : 396.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRRHOTITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES					
SiO2	60.72	64.48	60.92	Q 25.15	NA2O+K2O	3.82	SiO2	64.48	SUBALKALINE	
Al2O3	14.48	15.31	17.12	C 0.00	OLA	28.64	NEA	14.29	DA 67.07	SUBALKALINE
Fe2O3	5.25	2.02	1.43	OR 15.38	CPX	22.14	OL	0.00	OPX 77.86	SUBALKALINE
FeO	0.00	3.20	2.53	AB 11.67	A	30.24	F	39.68	K 30.07	THOLEIITIC
CaO	6.32	6.73	6.79	AN 29.29	AL2O3	15.38	NORM	PLAG	71.51	THOLEIITIC
MgO	3.58	3.80	5.35	LC 0.00	AN	51.99	ABA	20.72	OK 27.30	K-RICH SERIES
Na2O	1.20	1.27	2.32	NE 0.00	CR	18.40	NORM	PLAG	71.51	BASALT
K2O	2.40	2.55	3.08	KP 0.00	JENSEN	CALC-ALKALINE	ANDESITE			
TiO2	0.40	0.42	0.30	AC 0.00	AL	63.81	FE	16.24	MG 19.95	
P2O5	0.05	0.05	0.04	DI 2.67	COLOR INDEX :	18.40				
MnO	0.11	0.12	0.09	HE 0.80	HASHIMOTO INDEX :	44.30				
S	0.00	0.00	0.00	EN 9.37						
NiO	0.00	0.00	0.00	FS 2.81						
Cr2O3	0.00	0.00	0.00	ED 0.00						
CoO	0.00	0.00	0.00	EA 0.00						
Na2O+	0.00	0.00	0.00	WD 0.00						
K2O+	0.00	0.00	0.00	LN 0.00						
LOI	5.08	0.00	0.00	MT 2.15						
TOTAL	94.27	100.00	100.00	IL 0.60						
				CR 0.00						
				HM 0.00						
				AP 0.11						
				PD 0.00						
				MS 0.00						
				KS 0.00						
				RJ 0.00						
				AG 0.00						
				OL 0.00						
				DPX 12.18						
				CPX 3.46						
				ABA 11.67						
TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, ZN, RU, MG (P.P.B.)										
BA	261.00:100	20.00:2N	34.00:1W	20.00:1R	64.00:1K	227.00:1Y	20.00:1Z	90.00:1B	20.00:	

COMMENTS : HORNFELSED, LEAK TO MODERATE FRACTURE - CONTROLLED CARBONATE

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:30:33

SAMPLE ID # VB09755

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-16H
 TOWNSHIP :
 NTS : 002MOS
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LDT : 0 CONCESSION :
 GRID COORDINATES : E : 296107.1 N : 5691866.5 EL : 1098.8
 DD-M : 8C-90-S START DEPTH : 407.00 END DEPTH : 410.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, LOCK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, KIZ, PYRRHOTITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	52.21	57.37	53.71	Q 10.09	NA2O+K2O 5.10 SiO2 57.37 SUBALKALINE
Al2O3	16.14	17.74	19.57	C 0.00	
Fe2O3	5.83	2.14	1.51	OR 23.78	Or* 28.34 Ne* 18.74 Or 52.92 SUBALKALINE
FeO	0.00	3.84	3.00	AB 10.17	
CaO	7.82	8.59	8.62	AN 31.95	CPX 41.22 Ol 0.00 OPX 58.79 SUBALKALINE
MgO	4.09	4.49	6.27	LC 0.00	
Na2O	1.02	1.12	2.03	NE 0.00	A 33.20 F 37.54 M 29.26 THOLEIITIC
K2O	3.62	3.98	4.76	MP 0.00	
TiO2	0.45	0.49	0.35	AC 0.00	Al2O3 17.74 NORM PLAG 75.85 THOLEIITIC
P2O5	0.03	0.03	0.04	DI 6.51	
MnO	0.16	0.18	0.14	ME 2.12	AN 48.48 ABA 15.43 OR 36.08 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.29	
NiO	0.00	0.00	0.00	ES 3.02	CI 23.89 NORM PLAG 75.85 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	Al 63.45 Fe 16.21 Mg 20.33
L2I	8.38	0.00	0.00	MT 2.26	
TOTAL	91.00	100.00	100.00	IL 0.70	COLOR INDEX : 23.89 HASHIMOTO INDEX : 46.59
				CR 0.00	
				HM 0.00	
				AP 0.12	
				FO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 12.31	
				CPX 8.63	
				ABA 10.17	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RM, RU, HG (P.P.B.)

BA 403.00:BU 20.00:BN 34.00:BR 20.00:BS 96.00:BT 192.00:BY 20.00:BZ 72.00:NB 20.00:

COMMENTS : HORNEFUSED, WEAK TO MODERATE FRACTURE - CONTROLLED CARBONATE

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:31:14

SAMPLE ID # UB09756

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-168
 TOWNSHIP :
 NIS : 082405
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296110.1 N : 5691869.0 EL : 1028.4
 DDN : BC-90-5 START DEPTH : 418.00 END DEPTH : 421.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRROTITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CDPINCO

DATE : 21-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.22	62.08	58.87	Q	21.52	NA2O+K2O	4.34	SiO2	62.08	SUBALKALINE		
Al2O3	14.83	16.09	17.98	Z	0.00	GLA	25.73	NEA	3.94	GA	71.03	SUBALKALINE
Fe2O3	5.46	2.05	1.46	OR	24.77	CPX	29.74	OL	0.00	DPX	70.26	SUBALKALINE
FeO	0.00	3.49	2.76	AB	2.29	A	32.10	F	39.42	K	28.48	THOLEIITIC
CaO	6.92	7.51	7.63	AN	31.43	AL2O3	16.09	NORM	PLAG	93.20	THOLEIITIC	
MgO	3.55	3.85	3.44	LC	0.00	AN	53.73	ABA	3.92	OR	42.35	K-RICH SERIES
Na2O	0.23	0.25	0.46	NE	0.00	CI	19.88	NORM	PLAG	93.20	BASALT	
K2O	3.77	4.09	4.95	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.39	0.42	0.30	AC	0.00	AL	64.11	FE	16.49	MG	19.40	
P2O5	0.05	0.05	0.04	DT	3.80	COLOR INDEX : 19.88						
MnO	0.11	0.12	0.10	KE	1.28	HASHIMOTO INDEX : 50.59						
S	0.00	0.00	0.00	EN	8.98							
NiO	0.00	0.00	0.00	FS	3.01							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.44	0.00	0.00	MT	2.19							
TOTAL	93.17	100.00	100.00	IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.12							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				JL	0.00							
				OPX	12.00							
				CPX	5.08							
				ABA	2.29							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PO, IR, DS, R+, RU, HG (P.P.B.)

BA 505.00:CU 20.00:ZN 30.00:NI 20.00:RS 107.00:SR 200.00:Y 20.00:ZR 80.00:KR 20.00:

COMMENTS : HORNEESED, WEAK TO MODERATE FRACTURE - CONTROLLED CARBONATE

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:31:56

SAMPLE ID : VB09757

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 33
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297704.6 N : 5690642.5 EL : 889.7
 DBH : BC-90-6

PROJECT # 1246
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 12.00 END DEPTH : 15.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SIO2	65.69	69.05	64.69	Q	39.64	NA20+K20	2.80	SIO2	69.05	SUBALKALINE		
AL2O3	13.79	14.49	16.01	C	10.49	OLA	24.91	NEA	6.54	QA	68.55	SUBALKALINE
FE2O3	4.48	1.99	1.40	OR	11.63	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FE0	0.00	2.45	1.92	AB	7.73	A	18.98	F	28.77	M	52.24	CALC-ALKALINE
CAO	0.87	0.91	0.92	AN	4.10	AL2O3	14.49	NORM	PLAG	34.67	TROLEITIC	
MGO	7.32	7.69	10.74	LC	0.00	AN	17.48	ABA	32.95	DR	49.57	K-RICH SERIES
NA20	0.81	0.85	1.55	NE	0.00	C	26.24	NORM	PLAG	34.67	HIGH ALUMINA ANDESITE	
K20	1.95	1.94	2.33	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TIO2	0.39	0.41	0.29	AC	0.00	AL	52.54	FE	12.20	MG	35.26	
P2O5	0.07	0.07	0.06	DC	0.00	CDLOR INDEX : 26.34						
MNO	0.13	0.14	0.11	HR	0.00	HASHIMOTO INDEX : 84.52						
S	0.00	0.00	0.00	EN	21.48							
N2O	0.00	0.00	0.00	FS	2.08							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WU	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LO%	4.90	0.00	0.00	MT	2.10							
TOTAL	95.14	100.00	100.00	IL	0.58							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	23.56							
				CPX	0.00							
				ABA	7.73							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RA, RU, HG (P.P.B.)

BA 671.00:CO 20.00:ZN 28.00:NI 20.00:RB 53.00:SR 66.00:Y 27.00:ZR 199.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:32:38

SAMPLE ID # VB09758

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NIS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297712.1 N : 5690649.0 EL : 868.8
 DDH : BC-90-6 START DEPTH : 35.00 END DEPTH : 38.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	68.44	70.97	66.47	Q 39.06	NA2O+K2O 3.98 SiO2 70.97 SUBALKALINE
Al2O3	14.07	14.59	16.11	C 8.65	
Fe2O3	3.95	1.96	1.38	OR 71.35	OL* 15.98 NEA 15.41 QA 68.61 SUBALKALINE
FeO	0.00	1.92	1.51	AB 18.92	
CaO	0.78	0.83	0.81	AN 3.51	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.01	5.20	7.25	LC 0.00	
Na2O	2.03	2.08	3.78	NE 0.00	A 30.96 F 28.65 M 40.39 CALC-ALKALINE
K2O	1.83	1.90	2.27	KP 0.00	
TiO2	0.39	0.40	0.28	AC 0.00	AL2O3 14.59 NORM PLAG 15.64 CALC-ALKALINE
P2O5	0.08	0.08	0.07	GI 0.00	
MnO	0.08	0.08	0.07	HE 0.00	AN 10.39 AB* 56.02 OR 33.60 K-RICH SERIES
S	0.00	0.00	0.00	EN 14.50	
NiO	0.00	0.00	0.00	FS 1.19	CI 18.34 NORM PLAG 15.64 DACITE
Cr2O3	0.00	0.00	0.00	FD 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
K2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 60.56 FE 12.17 ME 27.27
LOI	3.73	0.00	0.00	MT 2.07	
TOTAL	96.43	100.00	100.00	IL 0.57	COLOR INDEX : 18.34 WASHINGTON INDEX : 71.03
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 15.70	
				CPX 0.00	
				AB* 18.92	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 502.00:CL 20.00:ZN 23.00:NI 20.00:RR 54.00:SR 58.00:Y 33.00:ZR 236.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:33:19

SAMPLE ID # VB09759

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297718.0 N : 5690654.5 EL : 851.4
 DDM : 6C-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 54.00 END DEPTH : 57.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHIE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.75	70.67	66.21	Q	37.20	NA2O+K2O	4.66	SiO2	70.67	SUBALKALINE		
Al2O3	14.65	15.19	16.78	C	8.45	Ca	13.19	Na	18.83	Ca	67.98	SUBALKALINE
Fe2O3	4.23	1.98	7.40	OR	12.78	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.16	1.70	AS	22.89	A	36.80	F	31.21	M	31.98	THOLEIITIC
CaO	0.68	0.71	0.71	AN	2.99	AL2O3	15.19	NORM	PLAG	11.56		CALC-ALKALINE
MgO	3.90	4.04	5.65	LC	0.00	AN	7.74	AB	59.20	OR	33.06	K-RIOF SERIES
Na2O	2.43	2.52	4.58	NE	0.00	CI	15.52	NORM	PLAG	11.56		DACITE
K2O	2.06	2.14	2.56	KP	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
TiO2	0.47	0.43	0.30	AC	0.00	AL	64.82	FF	13.36	MG	27.82	
P2O5	0.08	0.08	0.07	DI	0.00	COLOR INDEX :	15.52					
MnO	0.08	0.08	0.07	HE	0.00	HASHIMOTO INDEX :	65.71					
S	0.00	0.00	0.00	EN	11.29							
NiO	0.00	0.00	0.00	FS	7.53							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOT	3.36	0.00	0.00	MT	2.09							
TOTAL	96.44	100.00	100.00	IL	0.60							
				CR	0.00							
				HM	0.00							
				AP	0.18							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.82							
				CPX	0.00							
				ABA	22.89							
TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)												
BA	449.00:CU	40.00:ZN	46.00:NI	20.00:RB	73.00:SR	70.00:Y	31.00:ZK	208.00:NB	21.00:			

COMMENTS :

==== FAIRCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:34:01

SAMPLE ID * VB09760

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082H05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 297722.0 N : 5690658.5 EL : 839.5
 DDH : BC-90-6 START DEPTH : 67.00 END DEPTH : 70.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS4, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED ANHYDROUS WT %		NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES					
S102	57.61	53.28	Q	32.14	NA2O+K2O	3.66	S102	57.61	SUBALKALINE		
AL2O3	16.36	17.84	C	2.97							
FE2O3	2.56	2.78	OR	3.83	OLA	31.22	NEA	24.15	QA	44.63	SUBALKALINE
FeO	0.00	4.75	AB	26.97							
CaO	4.30	4.62	AN	21.77	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
MgO	7.13	10.63	LC	0.00							
NA2O	2.78	5.89	NE	0.00	A	18.45	F	42.63	H	38.92	THOLEIITIC
K2O	0.60	0.77	KP	0.00							
TiO2	0.87	0.65	AC	0.00	AL2O3	16.36	NORM	PLAG	44.66		CALC-ALKALINE
P2O5	0.19	0.16	BT	0.00							
MnO	0.13	0.11	HE	0.00	AN	41.40	AB*	51.30	OR	7.29	AVERAGE SERIES
S	0.00	0.00	EM	21.27							
NiO	0.00	0.00	FS	6.63	CA	31.89	NORM	PLAG	44.66		BASALT
CR2O3	0.00	0.00	ED	0.00							
CO2	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	LN	0.00	JENSEN		HIGH	MAGNESIUM	THOLEIITIC	BASALT	
LOI	7.31	0.00	LN	0.00	AL	49.86	FE	20.41	MG	29.73	
			MT	2.68							
			IL	1.31							
TOTAL	98.42	100.00	CR	0.00							
			HM	0.00							
			AP	0.43							
			PO	0.00							
			NS	0.00							
			KS	0.00							
			RU	0.00							
			AS	0.00							
			DL	0.00							
			OPX	27.90							
			CPX	0.00							
			ABA	26.97							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PU, CR, OS, RH, RU, HG (P.P.B.)

BA 308.00:CU 20.00:ZN 57.00:NI 20.00:RB 20.00:SR 139.00:Y 20.00:ZR 138.00:WB 23.00:

COMMENTS : CHLORITIC

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:34:43

SAMPLE ID # VB09761

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297750.0 N : 5690680.5 EL : 755.3
 DWH : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 159.50 END DEPTH : 161.50

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COHINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	53.97	59.98	56.90	Q	19.46	NA2O+K2O	4.80	SiO2	59.98	SUBALKALINE		
Al2O3	16.00	17.78	19.88	C	1.07	OLA	31.21	NE*	0.18	QA	68.60	SUBALKALINE
Fe2O3	5.85	2.43	1.74	OK	29.02	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.66	2.90	AB	0.10	A	33.27	F	40.54	M	26.19	THOLEIITIC
CaO	5.87	6.52	6.63	AN	32.49	AL2O3	17.78	NORM	PLAG	99.69	THOLEIITIC	
MgO	3.40	3.78	5.34	LC	0.00	AN	52.73	ABA	0.17	OR	47.10	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CI	17.65	NORM	PLAG	99.69	BASALT	
K2O	4.31	4.79	5.80	KP	0.00	JENSEN CALC-ALKALINE ANDESITE						
TiO2	0.69	0.77	0.55	AC	0.00	AL	65.07	FF	17.45	MG	17.48	
P2O5	0.09	0.10	0.08	BT	0.00	COLOR INDEX : 17.65						
MnO	0.16	0.18	0.14	BE	0.00	HASHIMOTO INDEX : 56.73						
S	0.00	0.00	0.00	EN	10.69							
NiO	0.00	0.00	0.00	ES	3.26							
Cr2O3	0.00	0.00	0.00	EP	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	7.87	0.00	0.00	MT	2.61							
TOTAL	89.93	100.00	100.00	IL	1.09							
				DR	0.00							
				HM	0.00							
				AP	0.21							
				PO	0.00							
				NS	0.00							
				YS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.95							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rb, RU, HG (P.P.B.)

BA 831.00:EU 62.00:ZN 49.00:M1 39.00:RE 146.00:SR 222.00:Y 23.00:ZR 173.00:NB 20.00:

COMMENTS : SKIP BYES

==== J F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:35:24

SAMPLE ID # VB09762

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 002M05
 BTM ZONE : 10
 SAMPLE TYPE : BRILL HGLR

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 297759.4 N : 5690686.5 EL : 728.2
 DDN : BC-90-6 START DEPTH : 188.00 END DEPTH : 191.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMENCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	51.79	54.79	52.64	Q 19.46	NA2O+K2O 3.69 SiO2 54.79 SUBALKALINE
Al2O3	13.61	14.40	16.30	C 4.40	
Fe2O3	14.28	5.67	4.10	OK 3.89	DLA 19.34 NEA 26.45 QA 54.31 SUBALKALINE
FeO	0.00	0.49	6.82	AB 28.47	
CaO	3.35	3.54	3.65	AN 13.57	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.17	4.41	6.32	LC 0.00	
Na2O	2.89	3.06	5.69	NE 0.00	A 17.02 P 62.65 M 20.33 THOLEIITIC
K2O	0.60	0.63	0.78	KP 0.00	
TiO2	3.86	4.08	2.95	AC 0.00	Al2O3 14.40 NORM PLAG 32.28 THOLEIITIC
P2O5	0.65	0.69	0.56	DI 0.00	
MnO	0.22	0.23	0.19	DE 0.00	AN 29.54 ABA 67.90 DR 8.48 AVERAGE SERIES
S	0.00	0.00	0.00	EN 12.63	
NiO	0.00	0.00	0.00	FS 4.02	DI 28.71 NORM PLAG 32.28 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	JN 0.00	AL 44.45 FE 38.33 MG 17.22
LOI	3.36	0.00	0.00	MI 6.15	
TOTAL	94.52	100.00	100.00	IL 5.90	COLOR INDEX : 28.71 HASHIMOTO INDEX : 43.32
				CR 0.00	
				HM 0.00	
				AP 1.49	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 16.66	
				CPX 0.00	
				ABA 28.47	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, CR, US, R4, RU, MG (P.P.B.)

BA 720.00:CU 272.00:ZN 71.00:NI 133.00:RB 26.00:SR 140.00:Y 30.00:ZR 295.00:NB 50.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:36:06

SAMPLE ID # VB09763

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297763.3 N : 5690689.0 EL : 716.7
 BGN : BC-90-6 START DEPTH : 200.50 END DEPTH : 203.50

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, LAPILLI.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	48.29	48.24	46.35	Q	10.16	NA2O+K2O	0.02	SiO2	48.24	SUBALKALINE		
Al2O3	9.66	11.29	12.78	C	0.00							
Fe2O3	13.41	4.87	3.52	OR	0.07	OLA	54.30	NEA	0.18	Q*	45.53	SUBALKALINE
FeO	0.00	9.71	7.81	AB	0.11							
CaO	10.09	10.79	12.14	AN	31.87	CPX	42.33	OL	0.00	OPX	57.68	SUBALKALINE
MgO	8.58	10.03	14.36	LC	0.00							
Na2O	0.01	0.01	0.02	NE	0.00	A	0.10	F	58.39	M	41.52	TROLEITIC
K2O	0.01	0.01	0.01	KP	0.00							
TiO2	2.67	3.12	2.25	AC	0.00	Al2O3	11.29	NORM	PLAG	99.66	TROLEITIC	
P2O5	0.52	0.61	0.49	DI	15.41							
MnO	0.27	0.32	0.26	ME	4.34	AN	99.44	ABA	0.34	OR	0.22	K-RICH SERIES
S	0.00	0.00	0.00	EN	21.01							
NiO	0.00	0.00	0.00	ES	5.92	CS	56.48	NORM	PLAG	99.66	BASALT	
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	BASALTIC KOMATIITE					
H2O-	0.00	0.00	0.00	LV	0.00	AL	31.19	FE	33.77	MG	35.03	
LOI	8.50	0.00	0.00	MT	5.28							
TOTAL	95.58	100.00	100.00	IL	4.51	COLOR INDEX :	56.48					
				CR	0.00	MASKIMOTO INDEX :	45.96					
				HM	0.00							
				AP	1.32							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	26.93							
				CPX	19.76							
				ABA	0.11							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, Rb, RU, HG (P.P.B.)

BA 63.00:CU 185.00:ZV 129.00:MT 201.00:RB 20.00:SR 229.00:Y 25.00:ZR 249.00:NB 34.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:36:51

SAMPLE ID # VR09764

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 297767.0 N : 5690690.0 EL : 706.1
 DDH : RC-90-6 START DEPTH : 212.00 END DEPTH : 215.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND SLEBS, I-SX, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	50.47	53.09	49.65	Q 11.52	NA2O+K2O 5.06 SiO2 53.09 SUBALKALINE
Al2O3	16.94	17.32	19.64	C 8.52	
Fe2O3	21.98	4.33	3.05	OR 5.15	OL* 21.13 NE* 33.08 GA 45.79 SUBALKALINE
FeO	0.00	7.44	5.82	AB 38.05	
CaO	2.75	2.89	2.90	AN 6.22	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.94	5.20	7.24	LC 0.00	
Na2O	3.99	4.20	7.61	NE 0.00	A 23.43 F 52.51 K 24.06 THOLEIIC
K2O	0.82	0.86	1.03	KP 0.00	
TiO2	2.62	2.76	1.94	AC 0.00	Al2O3 17.82 NORM PLAG 14.05 CALC-ALKALINE
P2O5	1.19	1.25	0.99	DT 0.00	
MnO	0.15	0.16	0.13	ME 0.00	AN 12.58 ABA 76.99 OR 10.42 AVERAGE SERIES
S	0.00	0.00	0.00	EN 14.49	
NiO	0.00	0.00	0.00	FS 4.96	CI 27.90 NORM PLAG 14.05 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 51.94 FF 28.91 MG 19.15
LOI	3.86	0.00	0.00	MT 4.58	
				IL 3.88	
TOTAL	95.06	100.00	100.00	CR 0.00	COLOR INDEX : 27.90
				HM 0.00	HASHIMOTO INDEX : 46.08
				AP 2.65	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 19.45	
				CPX 0.00	
				ABA 38.05	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RI, RU, HR (P.P.B.)

BA 604.00:BL 249.00:ZN 49.00:NI 20.00:RR 25.00:SR 141.00:Y 32.00:ZR 397.00:NB 48.00:

COMMENTS : ARGILLACEOUS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #3000

PAGE 1
 PRINTED 10-DEC-90
 10:37:33

SAMPLE ID # VB09765

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297768.9 N : 5690692.5 FL : 700.6
 DDH : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 218.00 END DEPTH : 221.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	50.67	54.69	51.70	Q 14.41	NA2O+K2O 2.64 SiO2 54.69 SUBALKALINE
Al2O3	14.87	16.05	17.88	C 7.23	
Fe2O3	14.67	2.81	2.00	OR 2.74	OLA 37.78 NEA 17.33 OA 44.88 SUBALKALINE
FeO	0.00	11.66	9.22	AB 20.08	
CaO	3.14	3.39	3.43	AN 15.22	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.56	7.08	9.97	LC 0.00	
Na2O	2.03	2.19	4.02	NE 0.00	A 11.06 F 59.33 M 29.61 THOLEIITIC
K2O	0.42	0.45	0.55	KP 0.00	
TiO2	1.10	1.19	0.84	AC 0.00	AL2O3 16.05 NORM PLAS 43.11 CALC-ALKALINE
P2O5	0.27	0.29	0.23	DI 0.00	
MnO	0.18	0.19	0.16	HE 0.00	AN 40.01 ABA 52.79 OR 7.20 AVERAGE SERIES
S	0.00	0.00	0.00	EN 19.95	
NiO	0.00	0.00	0.00	ES 15.07	CI 39.70 NORM PLAS 43.11 BASALT
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 44.62 FE 30.49 MG 24.89
LOI	5.21	0.00	0.00	MT 2.99	
TOTAL	92.65	100.00	100.00	IL 1.69	COLOR INDEX : 39.70 WASHINGTON INDEX : 57.45
				CR 0.00	
				HM 0.00	
				AP 0.62	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 35.02	
				CPX 0.00	
				ABA 20.08	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 404.00:CU 348.00:ZN 51.00:NI 20.00:RB 20.00:SK 113.00:Y 20.00:ZR 97.00:NB 20.00:

COMMENTS :

==== F A I. C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:38:15

SAMPLE ID # VB09766

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 397773.9 N : 5690695.5 RL : 685.8
 DDN : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 234.00 END DEPTH : 237.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLSRS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 29-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	40.66	44.18	41.83	Q	12.49	NA2O+K2O	7.56	SiO2	44.18	SUBALKALINE		
Al2O3	16.51	17.94	20.02	C	14.77	Or*	47.82	Nb*	9.21	Q*	42.97	SUBALKALINE
Fe2O3	16.00	6.06	4.32	DR	3.42	CPX	0.00	Ol	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	10.19	8.07	AB	9.17	A	5.47	F	54.64	K	39.89	THOLEIITIC
CaO	2.61	2.84	2.88	AN	6.82	Al2O3	17.94	NORM	PLAG	42.65		CALC-ALKALINE
MgO	10.51	11.42	16.11	LC	0.00	AN	35.14	Ab*	47.26	Or	17.60	AVERAGE SERIES
Na2O	0.92	1.00	1.83	NE	0.00	Ol	50.91	NORM	PLAG	42.65		BASALT
K2O	0.52	0.57	0.69	KP	0.00	JENSEN		HIGH	MAGNESIUM	THOLEIITIC	BASALT	
TiO2	4.08	4.43	3.16	AC	0.00	Al	30.60	Fe	30.34	Mg	31.07	
P2O5	1.04	1.13	0.91	DC	0.00							
MnO	0.22	0.24	0.19	DE	0.00							
S	0.00	0.00	0.00	EN	32.23							
NiO	0.00	0.00	0.00	ES	5.88							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	JN	0.00							
LOI	6.62	0.00	0.00	NT	6.48							
TOTAL	92.03	100.00	100.00	IL	6.31							
				CR	0.00							
				HM	0.00							
				AP	2.42							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	30.11							
				CPX	0.00							
				Ab*	9.17							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RO, RU, RG (P.P.B.)

BA 567.00:CU 218.00:ZN 82.00:NI 89.00:NR 20.00:SR 93.00:Y 37.00:ZR 326.00:NB 84.00:

COMMENTS : ARGILLACEDLS

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:38:57

SAMPLE ID # VB09767

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297777.3 N : 5690697.5 EL : 676.1
 DDH : BC-90-6 START DEPTH : 245.75 END DEPTH : 246.35

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, FINE, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : NIL, NIL, NO COMMENT.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CONINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.49	69.18	65.57	Q 35.75	NA2O+K2O 4.84 SiO2 69.18 SUBALKALINE
Al2O3	16.21	17.39	19.41	C 5.40	
Fe2O3	3.37	1.97	1.41	OR 17.90	OLA 4.52 NEA 18.34 QA 77.04 SUBALKALINE
FeO	0.00	1.48	1.17	AB 17.23	
CaO	3.34	3.58	3.64	AN 17.46	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	0.94	1.01	1.42	LC 0.00	
Na2O	3.75	1.88	3.45	NE 0.00	A 53.17 F 35.75 M 11.08 THOLEIITIC
K2O	2.76	2.96	3.58	KP 2.00	
TiO2	0.34	0.36	0.26	AC 0.00	AL2O3 17.39 NORM PLAG 50.33 CALC-ALKALINE
P2O5	0.10	0.11	0.09	DT 0.00	
MnO	0.00	0.09	0.07	HE 0.00	AN 33.20 ABA 32.76 OR 34.04 K-RICH SERIES
S	0.00	0.00	0.00	EN 2.85	
NiO	0.00	0.00	0.00	FS 0.55	CJ 6.03 NORM PLAG 50.33 ANDESITE
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE RHYOLITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 81.77 FE 12.24 MG 6.00
LOI	6.04	0.00	0.00	MT 2.11	
TOTAL	93.33	100.00	100.00	IL 0.52	COLOR INDEX : 6.03 NASHIMOTO INDEX : 42.09
				CR 0.00	
				HM 0.00	
				AP 0.23	
				PG 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				JL 0.00	
				OPX 3.40	
				CPX 0.00	
				ABA 17.23	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, RG (P.P.B.)

BA 1450.00:CU 20.00:ZN 48.00:NI 20.00:RH 89.00:SR 349.00:Y 20.00:ZR 260.00:NB 24.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:39:39

SAMPLE ID # VB09768

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DOW : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 297779.3 N : 5690699.0 EL : 670.2
 START DEPTH : 251.00 END DEPTH : 254.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCKTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	43.78	49.41	47.17	Q	13.28	NA2O+K2O	1.59	SiO2	49.41	SUBALKALINE		
Al2O3	13.12	14.81	16.66	C	4.92	OLA	45.66	NE*	9.27	OA	45.07	SUBALKALINE
Fe2O3	7.27	5.06	3.63	OR	3.99	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	9.94	7.94	AB	8.67	A	6.29	F	57.25	H	36.47	THOLEIITIC
CaO	4.90	5.53	5.66	AN	23.03	Al2O3	14.81	NORM	PLAG	72.65	THOLEIITIC	
MgO	8.18	9.23	13.13	LC	0.00	AN	64.53	ARA*	24.29	OR	11.18	AVERAGE SERIES
Na2O	0.83	0.94	1.73	NE	0.00	CI	44.43	NORM	PLAG	72.65	BASALT	
K2O	0.58	0.65	0.80	KP	0.00	JENSEN	HIGH IRON	THOLEIITIC	BASALT			
TiO2	2.98	3.36	2.41	AC	0.00	AL	37.85	FE	32.31	Mg	29.84	
P2O5	0.69	0.78	0.63	DI	0.00	COLOR INDEX :	44.43					
MnO	0.26	0.29	0.24	HE	0.00	HASHIMOTO INDEX :	60.46					
S	0.00	0.00	0.00	EN	26.27							
NiO	0.00	0.00	0.00	FS	7.89							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOT	8.54	0.00	0.00	MI	5.45							
TOTAL	88.61	100.00	100.00	IL	4.83							
				CR	0.00							
				HM	0.00							
				AP	1.68							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	34.16							
				CPX	0.00							
				AB*	8.67							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RA, Rb, Cs (P.P.B.)

BA 680.00:CU 312.00:ZN 151.00:NR 71.00:RB 20.00:SR 150.00:Y 23.00:ZR 257.00:WB 53.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:40:25

SAMPLE ID # VB09769

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 297783.9 N : 5690702.0 EL : 656.4
 DDH : BC-90-6 START DEPTH : 266.00 END DEPTH : 269.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	37.55	46.08	43.62	Q 2.70	NA2O+K2O 1.45 SiO2 46.08 SUBALKALINE
Al2O3	12.35	15.15	16.91	C 0.00	
Fe2O3	11.90	4.64	3.30	DR 4.97	OLA 58.96 NEA 8.73 QA 32.31 SUBALKALINE
FeO	0.00	8.97	7.10	AB 5.74	
CaO	8.27	10.35	10.29	AN 36.92	CPX 21.35 OL 0.00 OPX 78.65 SUBALKALINE
MgO	8.04	9.87	13.93	LC 0.00	
Na2O	0.53	0.63	1.15	NE 0.00	A 5.92 F 53.73 M 40.35 THOLEIITIC
K2O	0.67	0.82	0.99	XP 0.00	
TiO2	2.28	2.80	1.99	AC 0.00	AL2O3 15.15 NORM PLAG 86.54 THOLEIITIC
P2O5	0.49	0.60	0.48	DE 6.65	
MnO	0.25	0.31	0.25	HE 1.77	AN 77.51 ABA 12.06 DR 10.43 AVERAGE SERIES
S	0.00	0.00	0.00	EN 24.51	
NiO	0.00	0.00	0.00	FS 6.52	CI 48.39 NORM PLAG 86.54 BASALT
Cr2O3	0.00	0.00	0.00	FQ 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 38.90 FE 29.08 MG 32.02
LOI	15.40	0.00	0.00	MT 4.96	
TOTAL	81.50	100.00	100.00	IL 3.98	COLOR INDEX : 48.39 WASHIMOTO INDEX : 49.80
				CR 0.00	
				HM 0.00	
				AP 1.29	
				PQ 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 31.03	
				CPX 8.42	
				ABA 5.74	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RB, RU, SG (P.P.B.)

BA 1023.00:CU 216.00:ZN 157.00:NI 142.00:KR 27.00:SR 177.00:Y 20.00:ZK 149.00:NB 40.00:

COMMENTS : TURFACIOUS SEDIMENTS

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:41:06

SAMPLE ID # VB09770

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDM : 8C-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 297787.5 N : 5690704.5 EL : 645.8
 START DEPTH : 377.50 END DEPTH : 280.50

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : SPOTS, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	36.80	44.34	41.12	Q 0.00	NA2O+K2O 4.74 SiO2 44.34 ALKALINE
Al2O3	12.81	15.40	16.83	C 0.00	
Fe2O3	20.40	5.28	3.60	OR 4.56	OLA 23.56 NEA 55.42 OA 21.02 ALKALINE
FeO	0.00	6.59	5.11	AB 20.29	
CaO	9.39	11.39	11.22	AN 21.97	CPX 71.32 OL 29.60 OPX 0.00 SUBALKALINE
MgO	6.41	7.71	10.65	LC 0.00	
Na2O	3.30	3.97	7.13	NE 9.22	A 19.92 F 47.67 M 32.41 THOLEIITIC
K2O	0.64	0.77	0.91	KP 0.00	
TiO2	2.89	3.47	2.42	AC 0.00	AL2O3 15.40 NORM PLAG 38.12 CALC-ALKALINE
P2O5	0.74	0.39	0.70	DI 20.56	
MnO	0.24	0.29	0.23	BE 2.07	AN 35.33 AN* 57.34 OR 7.33 SOBIC
S	0.00	0.00	0.00	EN 0.00	
NiO	0.00	0.00	0.00	ES 0.00	CI 42.09 NORM PLAG 38.12 BASALT
CR2O3	0.00	0.00	0.00	EG 8.27	
CO2	0.00	0.00	0.00	FA 0.83	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH IRON THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 43.24 FE 29.39 MG 27.36
LOI	13.79	0.00	0.00	MT 5.53	
TOTAL	83.17	100.00	100.00	IL 4.85	COLOR INDEX : 42.09
				CR 0.00	HASHIMOTO INDEX : 35.71
				HM 0.00	
				AP 1.86	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 9.10	
				OPX 0.00	
				CPX 22.62	
				AB* 35.66	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RI, RU, PG (P.P.B.)

BA 160.00:CL 44.00:ZN 80.00:NI 47.00:RB 37.00:SR 337.00:Y 30.00:ZR 291.00:NB 60.00:

COMMENTS : CALCAREOUS SPOTS - "BORNEELSING"

==== FAIRCLIFF BRIDGE J.T.D. =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:41:48

SAMPLE ID * UB09771

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 297795.3 N : 5690709.0 EL : 623.1
 START DEPTH : 302.00 END DEPTH : 305.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	37.40	45.02	42.23	Q 0.00	NA20+K20 2.08 SiO2 45.02 SUBALKALINE
Al2O3	11.74	14.13	15.63	C 0.00	
Fe2O3	11.41	5.31	3.75	OK 1.37	OLA 45.27 NEA 25.68 OA 29.04 SUBALKALINE
FeO	0.00	7.58	5.95	AR 16.86	
CaO	9.25	11.13	11.19	AN 29.95	CPX 43.53 OL 9.39 OPX 47.09 SUBALKALINE
MgO	8.54	10.20	14.37	LC 0.00	
Na2O	1.54	1.85	3.37	NE 0.00	A 8.42 F 49.99 K 41.58 THOLEIITIC
K2O	0.19	0.23	0.27	KP 0.00	
TiO2	2.91	3.50	2.47	AC 0.00	AL2O3 14.13 NORM PLAG 63.99 THOLEIITIC
P2O5	0.54	0.65	0.52	DI 15.38	
MnO	0.26	0.31	0.25	WE 1.98	AM 62.17 ABA 34.99 DR 2.84 AVERAGE SERIES
S	0.00	0.00	0.00	EN 16.63	
NiO	0.00	0.00	0.00	ES 2.14	CI 50.44 NORM PLAG 63.99 BASALT
CR2O3	0.00	0.00	0.00	EO 3.32	
CO2	0.00	0.00	0.00	FA 0.43	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AI 36.84 FE 29.27 MG 33.89
LOI	14.67	0.00	0.00	MT 5.62	
TOTAL	83.08	100.00	100.00	IL 4.94	COLOR INDEX : 50.44
				CR 0.00	WASHIMOTO INDEX : 44.72
				HM 0.00	
				AP 1.38	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 3.74	
				OPX 18.78	
				CPX 17.36	
				ABA 16.86	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, ER, DS, &, RU, HG (P.P.B.)

BA 96.00:CL 105.00:ZN 163.00:NI 81.00:RB 20.00:SR 241.00:Y 20.00:ZK 224.00:ND 43.00:

COMMENTS : TUFFACEOUS SEDIMENTS/WACKE

REPORT #2000

SAMPLE ID # VB09772

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 00H : BC-90-6

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 297802.6 N : 5690714.0 RL : 601.8
 START DEPTH : 325.50 END DEPTH : 327.50

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED,CARBONATIZATION ,WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHIE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	36.43	44.63	42.45	Q 3.52	MA20+K20 1.24 SiO2 44.63 SUBALKALINE
Al2O3	12.27	15.03	16.85	C 0.00	
Fe2O3	12.92	5.54	3.96	OR 5.13	OLA 62.19 NE* 5.19 OA* 32.62 SUBALKALINE
FeO	0.00	9.26	7.37	AB 3.61	
CaO	7.34	8.99	9.16	AN 37.75	CPX 6.73 OL 0.00 OPX 93.27 SUBALKALINE
MgO	8.60	10.54	14.94	LC 0.00	
Na2O	0.32	0.39	0.72	NE 0.00	A 4.76 F 54.75 M 40.50 THOLEIITIC
K2O	0.69	0.85	1.03	KP 0.00	
TiO2	3.02	3.70	2.65	AC 0.00	AL2O3 15.03 NORM PLAG 91.26 THOLEIITIC
P2O5	0.60	0.74	0.59	DE 2.08	
MnO	0.28	0.34	0.28	NE 0.42	AN 81.19 ABA 7.77 OR 11.04 AVERAGE SERIES
S	0.00	0.00	0.00	EN 28.83	
NiO	0.00	0.00	0.00	FS 5.82	C1 48.39 NORM PLAG 91.26 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 36.60 FE 30.96 MG 32.44
LOI	13.35	0.00	0.00	MI 5.95	
TOTAL	91.63	100.00	100.00	IL 5.29	COLOR INDEX : 48.39 HASHIMOTO INDEX : 54.81
				CR 0.00	
				HM 0.00	
				AP 1.58	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 34.65	
				CPX 2.50	
				ABA 3.61	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,&H,RU,AG (P.P.B.)

BA 616.00:CU 107.00:ZN 159.00:NI 76.00:RB 20.00:SR 194.00:Y 27.00:ZR 246.00:NB 51.00:

COMMENTS : TUFFACEOUS SEDIMENTS/WACKE

==== FALCON BRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:43:13

SAMPLE ID # VB09773

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-170
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297806.4 N : 5690716.0 EL : 590.7
 DGR : BC-90-6 START DEPTH : 337.00 END DEPTH : 340.00

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : PLUTONIC, MAFIC OR MELANOCRATIC, FINE.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : NCL, NCL, NO COMMENT.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 23-OCT-90
 DATE : 07-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES				
SiO2	41.61	46.69	43.76	Q	7.11	NA2O+K2O	3.37	SiO2	46.69	SUBALKALINE
Al2O3	14.58	16.36	18.08	D	0.00					
Fe2O3	11.24	5.63	3.97	OR	1.28	Q/A	29.01	NEA	35.41	Q/A 35.58 SUBALKALINE
FeO	0.00	6.32	4.95	AB	28.65					
CaO	7.90	8.87	8.90	AN	30.23	CPX	25.53	OL	0.00	OPX 74.47 SUBALKALINE
MgO	6.75	7.57	10.58	LC	0.00					
Na2O	2.81	3.15	5.73	NE	0.00	A	15.08	F	51.00	M 33.92 THOLEIITIC
K2O	0.19	0.21	0.26	KP	0.00					
TiO2	3.52	3.95	2.78	AC	0.00	AL2O3	16.36	NORM	PLAG	51.34 CALC-ALKALINE
P2O5	0.84	0.94	0.75	DT	6.19					
MnO	0.26	0.29	0.23	BE	0.24	AN	50.25	ABA	47.63	OR 2.12 K-POOR SERIES
S	0.00	0.00	0.00	EN	18.06					
NiO	0.00	0.00	0.00	ES	0.71					
Cr2O3	0.00	0.00	0.00	FD	0.00	CT	36.74	NORM	PLAG	51.34 BASALT
CO2	0.00	0.00	0.00	FA	0.00					
H2O+	0.00	0.00	0.00	WD	0.00					
H2O-	0.00	0.00	0.00	LN	0.00	JENSEN		HIGH	IRON	THOLEIITIC
LOI	8.74	0.00	0.00	MT	5.96	AL	44.52	FE	29.42	MG 36.06
TOTAL	89.13	100.00	100.00	IL	5.57					
				CR	0.00	COLOR INDEX :	36.74			
				HM	0.00	WASHINGTON INDEX :	39.32			
				AP	2.00					
				PO	0.00					
				NS	0.00					
				KS	0.00					
				RU	0.00					
				AG	0.00					
				JL	0.00					
				OPX	10.77					
				CPX	6.44					
				ABA	28.65					

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, KR, OS, RH, RU, HG (P.P.B.)

BA 212.00:CU 42.00:ZN 40.00:MO 47.00:KR 20.00:SR 228.00:Y 32.00:Zr 369.00:NB 45.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:43:56

SAMPLE 10 # VB09774

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 1A
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 296390.0 N : 5688350.0 EL : 683.5
 BDW : BC90-7 START DEPTH : 30.00 END DRPTH : 33.00

FIELD NAME : VOLCANICLASTIC, FELSIC, AS+, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.63	68.43	64.73	Q	30.36	NA2O+K2O	4.86	SiO2	68.43	SUBALKALINE		
Al2O3	14.91	15.93	17.76	C	0.00	OLA	2.90	NE*	22.92	Q*	74.18	SUBALKALINE
FeO	0.00	1.39	1.10	OR	16.18	CPX	52.63	OL	0.00	OPX	47.37	SUBALKALINE
CaO	5.42	5.83	5.93	AB	20.02	A	53.38	F	35.28	M	11.34	THOLEIITIC
MgO	0.96	1.03	1.46	AN	26.30	AL2O3	15.93	NORM	PLAG	56.78	THOLEIITIC	
Na2O	2.03	2.18	4.00	LC	0.00	AN	42.00	ABA	32.00	OR	25.80	K-RICH SERIES
K2O	2.49	2.68	3.24	NE	0.00	C1	7.01	NORM	PLAG	56.78	ANDESITE	
TiO2	0.36	0.43	0.29	KP	0.00	JENSEN CALC-ALKALINE R-MYOLITE						
P2O5	0.06	0.06	0.05	AC	0.00	Al	80.46	Fe	12.95	Mg	6.59	
MnO	0.03	0.03	0.03	DT	2.08	COLOR INDEX : 7.01						
S	0.00	0.00	0.00	HE	0.17	HASHIMOTO INDEX : 31.65						
NiO	0.00	0.00	0.00	EN	1.87							
CR2O3	0.00	0.00	0.00	FS	0.15							
CO2	0.00	0.00	0.00	EO	0.00							
H2O+	0.00	0.00	0.00	EA	0.00							
H2O-	0.00	0.00	0.00	WO	0.00							
LOI	6.13	0.00	0.00	LN	0.00							
TOTAL	93.99	100.00	100.00	MT	2.16							
				IL	0.58							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				XS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.02							
				CPX	2.25							
				ABA	20.02							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, RH, RU, IG (P.P.B.)

BA 1095.00:CU 20.00:ZN 36.00:V 20.00:RB 64.00:SR 125.00:Y 20.00:ZR 91.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:44:39

SAMPLE ID # VB09775

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : SET/COMMENCED OPTION
 GRID COORDINATES : E : 296390.4 N : 5688350.0 EL : 643.5
 DGR : BC90-7 START DEPTH : 70.00 END DEPTH : 73.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, QUARTZ AND FELDSPAR PORPHYRYTIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, CLX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CDMINGO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.39	69.53	66.24	Q 40.68	NA2O+K2O 4.21 SiO2 69.53 SUBALKALINE
Al2O3	16.15	17.44	19.98	C 8.13	
Fe2O3	3.72	2.05	1.47	OR 19.64	OLA 7.14 NEA 9.90 OR 02.96 SUBALKALINE
FeO	0.00	1.77	1.41	AB 9.07	
CaO	2.67	2.88	2.94	AN 14.28	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.43	1.54	2.19	LC 0.00	
Na2O	0.93	0.98	1.87	NE 0.00	A 44.95 F 38.58 F 16.48 THOLEIITIC
K2O	2.99	3.23	3.93	KP 0.00	
TiO2	0.40	0.43	0.37	AC 0.00	AL2O3 17.44 NORM PLAG 61.14 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DT 0.00	
MnO	0.07	0.08	0.06	MR 0.00	AN 33.20 ABA 21.11 OR 45.68 4-RICH SERIES
S	0.00	0.00	0.00	EN 4.38	
NiO	0.00	0.00	0.00	FS 0.85	CF 8.06 NORM PLAG 67.14 ANDESITE
Cr2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	JENSEN CALC-ALKALINE DACITE
H2O+	0.00	0.00	0.00	WD 0.00	AL 78.25 FE 12.99 MG 8.76
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	6.64	0.00	0.00	MT 2.21	
TOTAL	92.61	100.00	100.00	IL 0.62	COLOR INDEX : 8.06 HASHIMOTO INDEX : 55.25
				CR 0.00	
				PM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				IL 0.00	
				OPX 5.23	
				CPX 0.00	
				ABA 9.07	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, SR, OS, R4, RU, HG (P.P.B.)

BA 1005.00:DL 20.00:ZN 47.00:NI 20.00:Rb 85.00:SR 198.00:Y 20.00:ZR 113.00:NB 29.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:45:23

SAMPLE ID # VB09776

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 002405
 QTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 296390.4 N : 5688350.0 EL : 639.5
 BDH : 8C90-7 START DEPTH : 74.00 END DEPTH : 77.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	63.12	67.93	64.60	Q	38.80	NA2O+K2O	4.46	SiO2	67.93	SUBALKALINE		
Al2O3	7.46	8.79	2.06	C	10.24	OLA	7.77	NEA	10.86	DA	81.37	SUBALKALINE
Fe2O3	4.25	2.10	1.50	OR	20.59	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	2.23	1.77	AB	9.82	A	44.40	F	41.01	M	14.59	THOLEIITIC
CaO	2.24	2.41	2.46	AN	11.85	AL2O3	18.79	NORM	PLAG	54.68	CALC-ALKALINE	
MgO	1.36	1.46	2.07	LC	0.00	AN	28.04	ABA	23.24	OR	48.72	K-RICH SERIES
Na2O	0.99	1.07	1.96	NE	0.00	EI	8.56	NORM	PLAG	54.68	ANDESITE	
K2O	3.15	3.39	4.12	KP	0.00	JENSEN	CALC-ALKALINE	DACITE				
TiO2	0.45	0.48	0.35	AC	0.00	AI	78.54	FE	13.72	MG	7.74	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX :	8.56					
MnO	0.07	0.08	0.06	HE	0.00	HASHIMOTO INDEX :	58.27					
S	0.00	0.00	0.00	EN	4.15							
NiO	0.00	0.00	0.00	FS	1.47							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WD	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	6.39	0.00	0.00	MT	2.25							
TOTAL	93.92	100.00	100.00	IL	0.69							
				CR	0.00							
				RM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				CPX	5.62							
				CPX	0.00							
				ABA	9.82							

TRACE ELEMENTS (P.P.B.) AU, RE, PT, PD, IR, DS, ZN, RU, RB (P.P.B.)

BA 947.00:CU 23.00:ZN 51.00:VF 20.00:RB 102.00:SR 195.00:Y 20.00:ZR 109.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:46:06

SAMPLE ID # VB09777

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-17A
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : II
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296390.5 N : 5688350.0 EL : 634.5
 UTM : BC90-7 START DEPTH : 79.00 END DEPTH : 82.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 03-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLOURESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.69	69.56	66.57	G 41.95	NA2O+K2O 4.12 SiO2 69.56 SUBALKALINE
Al2O3	15.84	17.09	19.21	C 9.06	
Fe2O3	4.05	2.05	1.48	OR 20.37	OLA 9.12 NEA 7.00 OA 83.09 SUBALKALINE
FeO	0.00	0.84	2.28	AB 7.28	
CaO	2.16	2.32	2.38	AN 11.55	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.38	1.48	2.12	LC 0.00	
Na2O	0.73	0.78	1.46	NE 0.00	A 40.00 F 45.58 H 14.41 THOLEIITIC
K2O	3.10	3.33	4.07	KP 0.00	
TiO2	0.41	0.44	0.32	AC 0.00	Al2O3 17.09 NORM PLAG 61.32 CALC-ALKALINE
P2O5	0.05	0.05	0.04	DT 0.00	
MnO	0.08	0.09	0.07	HE 0.00	AN 29.45 ADA 18.58 OR 51.97 K-RICH SERIES
S	0.00	0.00	0.00	EN 4.23	
NiO	0.00	0.00	0.00	FS 2.58	CO 9.67 NORM PLAG 61.32 BASALT
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
+20+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
-20-	0.00	0.00	0.00	LN 0.00	AL 75.43 FE 36.26 MG 8.31
LOT	5.81	0.00	0.00	MT 2.22	
TOTAL	93.00	100.00	100.00	IL 0.63	COLOR INDEX : 9.67 WASHINGTON INDEX : 60.79
				CR 0.00	
				HM 0.00	
				AP 0.12	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 6.81	
				CPX 0.00	
				AB* 7.28	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RA, RU, -6 (P.P.P.)

BA 803.00:CU 20.00:ZN 40.00:MC 20.00:RB 89.00:SR 151.00:Y 20.00:ZK 103.00:NB 20.00:

COMMENTS :

==== FAIRCLIFF BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:47:02

SAMPLE ID : V809778

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 062M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDN : BC90-7

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 E : 296390.5 N : 5688350.0 EL : 629.5
 START DEPTH : 84.00 END DEPTH : 87.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PERPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	55.91	62.68	59.64	Q 29.72	NA2O+K2O 4.05 SiO2 62.68 SUBALKALINE
Al2O3	15.17	17.01	19.07	C 3.39	
Fe2O3	6.60	3.30	1.50	OR 22.07	OLA 26.11 NEA 5.07 OA 68.93 SUBALKALINE
FeO	0.00	4.77	3.00	AB 3.83	
CaO	4.66	5.22	5.33	AN 26.26	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.14	3.52	4.99	LC 0.00	
Na2O	0.37	0.41	0.77	ND 0.00	A 28.45 F 46.80 M 24.75 THOLEIITIC
K2O	3.24	3.63	4.41	KP 0.00	
TiO2	0.37	0.41	0.30	AC 0.00	AL2O3 17.01 NORM PLAG 87.28 THOLEIITIC
P2O5	0.05	0.06	0.05	BT 0.00	
MnO	0.16	0.18	0.14	HZ 0.00	AN 50.34 ABA 7.34 OR 42.32 K-RICH SERIES
S	0.00	0.00	0.00	EN 9.98	
NiO	0.00	0.00	0.00	FS 5.79	CI 18.62 NORM PLAG 87.28 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
+20+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE ANDESITE
+20-	0.00	0.00	0.00	LN 0.00	AL 64.00 FH 19.26 MG 16.75
LOI	8.85	0.00	0.00	MT 2.25	
TOTAL	89.20	100.00	100.00	IL 0.59	COLOR INDEX : 18.62 HASHIMOTO INDEX : 55.92
				CR 0.00	
				HM 0.00	
				AP 0.12	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 15.77	
				CPX 0.00	
				ABA 3.83	

TRACE ELEMENTS (P.P.M.) Au,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 707.00:CU 20.00:ZN 62.00:NI 20.00:RU 92.00:SR 127.00:Y 20.00:ZR 103.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:48:04

SAMPLE ID # VB09779

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 092M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LDT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 296390.6 N : 5688350.0 EL : 625.5
 DDH : 8090-7 START DEPTH : 88.00 END DEPTH : 91.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ AND FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.53	63.55	60.50	Q 26.77	NA2O+K2O 3.95 SiO2 63.55 SUBALKALINE
Al2O3	14.36	16.14	19.12	Q 2.55	
Fe2O3	6.39	2.09	1.50	OR 21.94	OLA 26.47 NEA 4.04 GA 69.49 SUBALKALINE
FeO	0.00	4.58	3.65	AB 3.11	
CaO	4.67	5.25	5.36	AN 26.40	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
MgO	3.38	3.80	3.39	LC 0.00	
Na2O	0.30	0.34	0.62	NE 0.00	A 27.77 F 45.49 M 26.74 THOLEITIC
K2O	3.21	3.61	4.39	KP 0.00	
TiO2	0.36	0.40	0.29	AC 0.00	AL2O3 16.14 NORM PLAG 89.45 THOLEITIC
P2O5	0.05	0.06	0.05	DT 0.00	
MnO	0.16	0.18	0.15	RE 0.00	AN 50.31 ARA 6.05 OR 42.64 K-RICH SERIES
S	0.00	0.00	0.00	EN 10.78	
NiO	0.00	0.00	0.00	FS 5.51	CJ 19.12 NORM PLAG 89.45 BASALT
Cr2O3	0.00	0.00	0.00	FC 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
*H2O-	0.00	0.00	0.00	LN 0.00	AL 62.28 FE 19.19 MG 18.53
LOI	9.27	0.00	0.00	MT 2.25	
TOTAL	88.96	100.00	100.00	IL 0.58	COLOR INDEX : 19.12 WASHINGTON INDEX : 57.01
				CR 0.00	
				FM 0.00	
				AP 0.12	
				PD 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 16.29	
				CPX 0.00	
				ABA 3.11	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, DS, RB, RU, IG (P.P.B.)

BA 680.00:CU 24.00:ZN 59.00:NI 20.00:RB 98.00:SK 116.00:Y 20.00:Zr 94.00:NB 20.00:

COMMENTS :

==== FAIRFORD BRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:48:46

SAMPLE ID # VR09780

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 296391.0 N : 5688350.0 EL : 603.5
 DTM : BC90-7 START DEPTH : 110.00 END DEPTH : 113.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH-QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WGT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	72.19	75.58	73.38	Si	NA2O+K2O 3.92 SiO2 75.58 SUBALKALINE
Al2O3	14.07	14.73	16.86	Al	OLA 4.31 NEA 0.30 QA 95.39 SUBALKALINE
Fe2O3	4.53	1.96	7.43	DR	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
FeO	0.00	2.51	2.03	AB	A 45.25 F 49.31 M 5.44 THOLEIITIC
CaO	0.38	0.40	0.41	AN	AL2O3 14.73 NORM PLAG 85.77 THOLEIITIC
MgO	0.45	0.47	0.68	LC	AN 6.83 ASA 1.13 DR 92.06 K-RICH SERIES
Na2O	0.03	0.03	0.06	NE	CI 6.17 NORM PLAG 85.77 BASALT
K2O	3.71	3.98	4.82	KP	JENSEN THOLEIITIC RHYOLITE
TiO2	0.37	0.39	0.28	AC	AL 79.16 FE 17.64 MG 3.20
P2O5	0.04	0.04	0.03	DI	COLOR INDEX : 6.17
MnO	0.03	0.03	0.01	FR	HASHIMOTO INDEX : 91.03
S	0.00	0.00	0.00	EN	
N2O	0.00	0.00	0.00	FS	
CR2O3	0.00	0.00	0.00	FD	
CO2	0.00	0.00	0.00	FA	
H2O+	0.00	0.00	0.00	WO	
H2O-	0.00	0.00	0.00	LN	
LOI	4.34	0.00	0.00	MT	
TOTAL	95.51	100.00	100.00	IL	
				CR	
				HM	
				AP	
				PO	
				NS	
				KS	
				RU	
				AG	
				OL	
				OPX	
				CPX	
				ASA	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RR,RG,HR (P.P.B.)

BA 509.00:CL 32.00:ZN 95.00:NI 20.00:RB 116.00:SR 43.00:Y 20.00:Zr 77.00:WB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:49:29

SAMPLE ID # VB09781

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 296391.5 N : 5688350.0 EL : 579.0
 OSH : BC90-7 START DEPTH : 134.70 END DEPTH : 137.40

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.18	72.15	69.52	Q 47.26	NA2O+K2O 4.27 SiO2 72.15 SUBALKALINE
Al2O3	14.59	15.67	17.00	C 8.82	
Fe2O3	4.19	1.99	1.44	DR 26.23	OLA 7.78 NEA 0.11 OA 93.30 SUBALKALINE
FeO	0.00	2.26	1.82	AB 0.10	
CaO	1.74	1.87	1.93	AN 9.28	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	1.20	1.29	1.35	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 44.47 F 42.12 M 13.41 THOLEIIC
K2O	3.97	4.26	5.25	KF 0.00	
TiO2	0.35	0.38	0.27	AC 0.00	AL2O3 15.67 NORM PLAG 98.93 THOLEIIC
P2O5	0.05	0.05	0.04	DI 0.00	
MnO	0.07	0.08	0.06	BE 0.00	AN 26.06 ABA 0.28 DR 73.66 K-ROCK SERIES
S	0.00	0.00	0.00	EN 3.70	
NiO	0.00	0.00	0.00	FS 1.78	CE 8.19 NORM PLAG 98.93 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 76.56 FE 15.47 MG 7.96
LOI	3.45	0.00	0.00	MT 2.16	
TOTAL	93.12	100.00	100.00	IL 0.54	
				CR 0.00	COLOR ENOX : 8.19
				HH 0.00	HASHIMOTO INDEX : 74.71
				AP 0.12	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				GL 0.00	
				OPX 5.48	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,CR,OS,RH,RU,SG (P.P.B.)

BA 522.00:CL 20.00:ZN 41.00:NI 20.00:RB 129.00:SR 60.00:Y 20.00:ZR 88.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:50:12

SAMPLE ID # VB09702

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : RST/COMINCO OPTION
 GRID COORDINATES : E : 296391.7 N : 5688350.0 EL : 571.5
 DO# : BC90-7 START DEPTH : 142.00 END DEPTH : 145.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLES, I-SX, PYRITE.
 FORMATION :

SAMPLED BY : D RUSSELL
 ANALYZED BY : COXINDO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES					
SiO2	67.91	72.51	70.33	Q 50.54	NA2O+K2O	4.31	SiO2	72.51	SUBALKALINE	
Al2O3	14.89	15.89	18.17	C 11.87	OLA	7.45	NEA	0.11	GA 92.44	SUBALKALINE
Fe2O3	5.86	2.01	1.47	OR 26.65	CPX	0.00	OL	0.00	DPX 100.00	SUBALKALINE
FeO	0.00	3.82	3.10	AB 0.10	A	4.34	F	53.95	M 4.71	THOLEIITIC
CaO	0.48	0.51	0.53	AN 2.37	AL2O3	15.89	NORM	PLAG	95.94	THOLEIITIC
MgO	0.46	0.49	0.71	LC 0.00	AN	8.14	ABA	0.34	CR 91.52	K-RIC: SERIES
Na2O	0.07	0.07	0.02	NE 0.00	CT	8.37	NORM	PLAG	95.94	BASALT
K2O	4.03	4.30	5.33	KP 0.00	JENSEN	THOLEIITIC	RYOLITE			
TiO2	0.38	0.47	0.30	AC 0.00	AL	76.49	FE	20.52	MG 2.99	
P2O5	0.04	0.04	0.04	BE 0.00	COLOR INDEX :	8.37				
MnO	0.01	0.01	0.01	HE 0.00	HASHIKOTO INDEX :	90.16				
S	0.00	0.00	0.00	BN 1.42						
NiO	0.00	0.00	0.00	ES 4.16						
CR2O3	0.00	0.00	0.00	EB 0.00						
CO2	0.00	0.00	0.00	FA 0.00						
H2O+	0.00	0.00	0.00	WO 0.00						
H2O-	0.00	0.00	0.00	LM 0.00						
LOI	5.24	0.00	0.00	MT 2.20						
TOTAL	93.66	100.00	100.00	IL 0.59						
				CR 0.00						
				HM 0.00						
				AP 0.09						
				PG 0.00						
				NS 0.00						
				KS 0.00						
				RU 0.00						
				AG 0.00						
				OL 0.00						
				OPX 5.58						
				CPX 0.00						
				ABA 0.10						

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, R, RS, WG (P.P.M.)

BA 633.00:EL 38.00:ZN 155.00:NI 20.00:RX 129.00:SR 43.00:Y 20.00:ZR 84.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:50:58

SAMPLE ID # VB09783

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : REI/COMINCO OPTION
 GRID COORDINATES : E : 296391.9 N : 5688350.0 EL : 564.5
 DRH : BC90-7 START DEPTH : 149.00 END DEPTH : 152.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, HOMOGENEOUS, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	68.97	73.10	70.63	Q	51.98	NA20+K20	4.42	SiO2	73.10	SUBALKALINE		
Al2O3	15.69	16.63	18.94	C	12.93	DL*	4.60	NE*	0.11	Q*	95.30	SUBALKALINE
Fe2O3	4.44	2.02	1.47	OR	27.21	CPX	0.00	DL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.11	1.95	AB	0.10	A	48.01	F	46.00	M	5.99	THOLEIITIC
CaO	0.34	0.36	0.37	AN	1.43	AL2O3	16.63	NORM	PLAG	93.51	THOLEIITIC	
MgO	0.53	0.55	0.79	LC	0.00	AN	4.98	ABA	0.35	OR	94.67	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	CF	6.24	NORM	PLAG	93.51	BASALT	
K2O	4.16	4.41	5.44	KP	0.00	JENSEN	THOLEIITIC	RYOLITE				
TiO2	0.43	0.43	0.32	AC	0.00	AL	80.66	FE	15.96	MG	3.38	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX :	6.24					
MnO	0.01	0.01	0.01	HE	0.00	WASHINGTON INDEX :	93.04					
S	0.00	0.00	0.00	EN	1.59							
NiO	0.00	0.00	0.00	FS	1.81							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	4.55	0.00	0.00	MT	2.21							
TOTAL	94.36	100.00	100.00	IL	0.63							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				DL	0.00							
				OPX	3.40							
				CPX	0.00							
				ABA	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, R., RU, HG (P.P.B.)

BA 655.00:CU 30.00:ZN 58.00:NI 20.00:RH 137.00:SR 50.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS : 0.5% C-ALOPYRITE MINOR GALENA

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:52:12

SAMPLE ID # VB09784

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174 FIELD NUMBER : PROJECT # 1147
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 002M05 PROJECT : BET/COMENCO OPTION
 UTM ZONE : 17 GRID COORDINATES : E : 296393.2 N : 5686350.0 EL : 556.7
 SAMPLE TYPE : DRILL HOLE DD. : 8090-7 START DEPTH : 157.60 END DEPTH : 159.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, HOMOGENEOUS, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	70.12	75.25	73.38	Q	55.90	NA2O+K2O	3.71	SiO2	75.25	SUBALKALINE		
Al2O3	13.16	13.91	15.99	D	10.93							
Fe2O3	6.16	1.92	7.41	OR	22.73	OLA	7.39	NEA	0.57	QA	92.03	SUBALKALINE
FeO	0.00	4.14	3.38	AB	0.60							
CaO	0.23	0.24	0.25	AN	0.98	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	0.42	0.44	0.65	LC	0.00							
Na2O	0.06	0.06	0.12	NE	0.00	A	37.05	F	58.51	M	4.43	THOLEIITIC
K2O	3.45	3.65	4.55	KP	0.00							
TiO2	0.33	0.33	0.24	AC	0.00	AL2O3	13.91	NORM	PLAG	62.01	THOLEIITIC	
P2O5	0.04	0.04	0.03	BT	0.00							
MnO	0.01	0.01	0.01	BE	0.00	AN	4.03	ABA	2.47	OR	93.50	K-RICH SERIES
S	0.00	0.00	0.00	BN	1.29							
NiO	0.00	0.00	0.00	FS	4.89	CC	0.77	NORM	PLAG	62.01	BASALT	
Cr2O3	0.00	0.00	0.00	FD	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	THOLEIITIC	RYOLITE				
H2O-	0.00	0.00	0.00	LN	0.00	AL	73.80	FE	23.22	MG	2.98	
LOI	4.92	0.00	0.00	MT	2.11							
TOTAL	94.51	100.00	100.00	IL	0.48							
				CR	0.00	COLOR INDEX :	8.77					
				HM	0.00	HASHIMOTO INDEX :	93.03					
				AP	0.09							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AS	0.00							
				OL	0.00							
				OPX	6.18							
				CPX	0.00							
				ABA	0.60							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, OS, RH, RU, R (P.P.B.)

BA 641.00:CU 51.00:ZN 387.00:NI 20.00:RR 104.00:SR 39.00:Y 20.00:ZK 94.00:NR 20.00:

COMMENTS : 0.5% CHALCOPYRITE MINOR GALENA

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:53:22

SAMPLE ID # VB09785

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 0R2M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 296392.3 N : 5688350.0 EL : 552.5
 DDN : BC90-7 START DEPTH : 161.00 END DEPTH : 164.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.33	72.43	69.89	Q 49.23	NA2O+K2O 3.84 STO2 72.43 SUBALKALINE
Al2O3	14.50	15.37	17.49	C 10.12	
Fe2O3	4.94	1.96	1.42	OR 23.52	GL* 10.00 NE* 0.21 R* 89.78 SUBALKALINE
FeO	0.00	2.95	2.38	AB 0.20	
CaO	1.25	1.33	1.37	AN 6.56	CPX 0.00 OL 0.00 CPX 100.00 SUBALKALINE
MgO	1.54	1.63	2.35	LC 0.00	
Na2O	0.02	0.02	0.04	NE 0.00	A 37.69 F 46.28 K 16.03 THOLEIITIC
K2O	3.60	3.82	4.70	KP 0.00	
TiO2	0.35	0.37	0.27	AC 0.00	AL2O3 15.37 NORM PLAG 97.07 THOLEIITIC
P2O5	0.04	0.04	0.03	DI 0.00	
MnO	0.07	0.07	0.06	HE 0.00	AN 21.67 AR* 0.66 OR 77.67 K-RICH SERIES
S	0.00	0.00	0.00	EN 4.70	
NiO	0.00	0.00	0.00	ES 2.92	CI 10.29 NORM PLAG 97.07 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
ZnO+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE DACITE
ZnO-	0.00	0.00	0.00	LN 0.00	AL 72.96 FE 17.25 MG 9.80
LOI	4.96	0.00	0.00	MT 2.14	
				IL 0.54	
TOTAL	94.31	100.00	100.00	CR 0.00	COLOR INDEX : 10.29
				HM 0.00	WASHIMOTO INDEX : 80.19
				AP 0.09	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.61	
				CPX 0.00	
				AR* 0.20	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RI, RU, AG (P.P.B.)

BA 719.00:CL 20.00:ZN 54.00:NI 20.00:RD 111.00:SK 59.00:Y 20.00:ZR 76.00:NB 20.00:

COMMENTS : TRACE CHALCOPYRITE & SALENA

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:54:04

SAMPLE ID # UB09786

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : 8C90-7

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 296392.9 N : 5688350.0 EL : 534.5
 START DEPTH : 179.00 END DEPTH : 182.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	66.78	71.37	68.66	Q	46.32	NA2O+K2O	3.89	SiO2	71.37	SUBALKALINE		
Al2O3	14.35	15.34	17.39	C	9.44	Q1*	12.89	NE*	0.11	QA	87.00	SUBALKALINE
Fe2O3	5.07	1.97	1.42	OR	23.83	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	0.11	2.50	AB	0.10	A	35.30	F	44.24	M	20.46	THOLEIITIC
CaO	1.49	1.59	1.64	AN	7.92	AN	24.86	ABA	0.31	OR	74.83	K-RICH SERIES
MgO	2.11	0.26	3.33	LC	0.00	CY	12.30	NORM	PLAG	98.76	BASALT	
Na2O	0.01	0.01	0.02	NE	0.00	JENSEN CALC-ALKALINE ANDESITE						
K2O	3.63	3.88	1.77	KP	0.00	AL	69.92	FE	17.08	MG	13.00	
TiO2	0.34	0.36	0.26	AC	0.00	COLOR INDEX : 12.30						
P2O5	0.04	0.04	0.03	DT	0.00	HASHIMOTO INDEX : 79.28						
MnO	0.07	0.07	0.06	AE	0.00							
S	0.00	0.00	0.00	EN	6.47							
NiO	0.00	0.00	0.00	ES	3.17							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WO	0.00							
-20-	0.00	0.00	0.00	LN	0.00							
LOI	5.50	0.00	0.00	MT	2.14							
TOTAL	93.57	100.00	100.00	IL	0.53							
				CR	0.00							
				HM	0.00							
				AP	0.09							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				DL	0.00							
				DPX	9.64							
				CPX	0.00							
				AB*	0.10							

TRACE ELEMENTS (P.P.M.) AG, RE, PT, PD, CR, OS, RN, RO, R (P.P.B.)

BA 773.00:CL 22.00:ZN 166.00:MO 20.00:RE 720.00:SR 74.00:Y 23.00:ZR 89.00:NB 20.00:

COMMENTS : TRACE GALENA

REPORT #2000

SAMPLE ID : VB09787

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296393.9 N : 5688350.0 EL : 510.5
 DDM : BC90-7 START DEPTH : 203.00 END DEPTH : 206.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINDO OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,CLX ,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT X	NORMALIZED ANHYDROUS WT X	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	62.80	67.52	64.02	Q	38.80	NA2O+K2O	2.91	SiO2	67.52	SUBALKALINE		
Al2O3	14.39	15.47	17.29	C	9.19	Or*	25.54	Ne*	0.10	Or*	74.36	SUBALKALINE
Fe2O3	5.20	2.00	1.43	DR	17.58	CPX	0.00	Ol	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	3.26	2.59	AB	0.10	A	21.03	F	36.52	M	42.45	THOLEIITIC
CaO	2.17	2.33	2.37	AN	11.42	Al2O3	15.47	NORM	PLAG	99.14	THOLEIITIC	
MgO	3.47	5.38	8.31	LC	0.00	AN	39.25	Ab*	0.34	Or	60.40	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	Cl	22.78	NORM	PLAG	99.14	BASALT	
K2O	2.70	2.90	3.52	KP	0.00	JENSEN CALC-ALKALINE BASALT						
TiO2	0.36	0.35	0.28	AC	0.00	AL	57.58	Fe	14.74	Mg	27.69	
P2O5	0.06	0.06	0.05	DC	0.00	COLOR INDEX : 22.78						
MnO	0.26	0.17	0.14	HE	0.00	WASHINGTON INDEX : 78.94						
S	0.00	0.00	0.00	EN	16.62							
NiO	0.00	0.00	0.00	ES	3.47							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CO2	0.00	0.00	0.00	EA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOT	6.38	0.00	0.00	MT	2.14							
TOTAL	99.01	100.00	100.00	IL	0.55							
				CR	0.00							
				HM	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	20.09							
				CPX	0.00							
				Ab*	0.10							

TRACE ELEMENTS (P.P.M.) AL,RE,PT,PD,IR,DS,SI,RJ,SG (P.P.B.)

BA 506.00:CU 25.00:ZN 106.00:NI 20.00:RH 81.00:SR 52.00:Y 20.00:ZR 70.00:NB 20.00:

COMMENTS : TRACE GALENA

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:55:27

SAMPLE ID # UB99788

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : XX
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296394.4 N : 5688350.0 EL : 501.5
 004 : BC90-7 START DEPTH : 212.00 END DEPTH : 215.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT X	NORMALIZED ANHYDROUS WT X	NORMALIZED ANHYDROUS CATION X		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	67.99	68.22	65.50	Q	38.27	NA2O+K2O	3.29	SiO2	68.22	SUBALKALINE		
Al2O3	12.74	14.02	15.07	C	5.27	OL*	23.11	NEA	0.11	QA	76.78	SUBALKALINE
Fe2O3	6.62	7.99	7.44	OR	20.11	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	4.76	3.82	AB	0.10	A	24.00	F	47.82	M	28.18	THOLEIITIC
CaO	2.96	3.26	3.35	AN	16.38	AL2O3	14.02	NORM	PLAG	99.38	THOLEIITIC	
MgO	3.51	3.86	5.53	LC	0.00	AN	44.77	AD*	0.28	OR	54.95	K-RICH SERIES
Na2O	0.00	0.00	0.02	WE	0.00	CO	19.74	NORM	PLAG	99.30	BASALT	
K2O	2.98	3.28	4.02	KP	0.00	JENSEN	CALC-ALKALINE	BASALT				
TiO2	0.31	0.34	0.25	AC	0.00	AL	58.62	FE	20.95	MG	20.42	
P2O5	0.05	0.06	0.04	DI	0.00	COLOR INDEX :	19.74					
MnO	0.16	0.20	0.16	ME	0.00	HASHIMOTO INDEX :	68.60					
S	0.00	0.00	0.00	SN	11.05							
NiO	0.00	0.00	0.00	ES	6.04							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CoO	0.00	0.00	0.00	PA	0.00							
ZnO+	0.00	0.00	0.00	WO	0.00							
ZnO-	0.00	0.00	0.00	LN	0.00							
LOI	7.38	0.00	0.00	MT	2.16							
TOTAL	90.87	100.00	100.00	IL	0.49							
				OR	0.00							
				HM	0.00							
				AP	0.12							
				PQ	0.00							
				NS	0.00							
				KS	0.00							
				RS	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.09							
				CPX	0.00							
				AB*	0.10							

TRACE ELEMENTS (P.P.M.) AS,RE,PT,PN,PR,PS,RI,RO,AG (P.P.B.)

BA 482.00:CU 43.00:ZN 244.00:NI 20.00:RB 92.00:SR 75.00:Y 20.00:ZR 63.00:NB 20.00:

COMMENTS : TRACE GALENA

REPORT #2000

SAMPLE ID # V809789

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 09
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDP : BE90-7

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMINCO OPTION
 E : 296395.2 N : 5688350.0 EL : 485.5
 START DEPTH : 228.00 END DEPTH : 231.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : DOMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.57	69.14	66.20	O	42.74	NA2O+K2O	3.61	SiO2	69.14	SUBALKALINE		
Al2O3	14.92	15.98	18.03	C	10.20	Or	18.06	Na*	0.32	Or	81.84	SUBALKALINE
Fe2O3	5.63	2.00	1.44	OR	22.00	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	3.62	2.90	AB	0.10	A	29.06	F	43.69	M	27.25	THOLEIITIC
CaO	2.62	1.73	1.78	AN	8.54	AL2O3	15.98	NORM	PLAG	98.85		THOLEIITIC
MgO	3.16	3.38	4.83	LC	0.00	AN	27.86	ABA*	0.32	OR	71.81	K-RICH SERIES
Na2O	0.01	0.01	0.02	NE	0.00	Or	16.32	NORM	PLAG	98.85		BASALT
K2O	3.36	3.60	4.40	KP	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
TiO2	0.37	0.40	0.29	AC	0.00	Al	65.43	EP	17.05	MG	17.52	
P2O5	0.05	0.05	0.04	DI	0.00	COLOR INDEX :	16.32					
MnO	0.08	0.09	0.07	HE	0.00	HASHIMOTO INDEX :	80.00					
S	0.00	0.00	0.00	EN	9.66							
NiO	0.00	0.00	0.00	FS	3.93							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.70	0.00	0.00	MT	2.16							
TOTAL	98.89	100.00	100.00	IL	0.57							
				CR	0.00							
				HM	0.00							
				AP	0.12							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	13.58							
				CPX	0.00							
				ABA	0.10							

TRADE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 542.00:CU 46.00:ZN 71.00:NI 20.00:RB 114.00:SR 80.00:Y 20.00:ZR 73.00:NB 20.00:

COMMENTS : TRACE GALENA

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:56:56

SAMPLE ID # VB09790

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 296396.4 N : 5688950.0 EL : 460.6
 DOM : 8C90-7 START DEPTH : 253.00 END DEPTH : 256.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, HOMOGENEOUS.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	60.37	65.92	62.46	Q	26.28	Na2O+K2O	3.77	SiO2	65.92	SUBALKALINE		
Al2O3	14.02	15.31	17.10	C	0.00							
Fe2O3	4.58	2.01	1.43	OR	15.39	OL*	14.88	NE*	13.67	Q*	71.45	SUBALKALINE
FeO	0.00	2.69	2.13	AB	11.23							
CaO	6.07	6.63	6.73	AN	29.43	CPX	23.95	OL	0.00	OPX	76.05	SUBALKALINE
MgO	2.85	3.11	4.39	LC	0.00							
Na2O	1.22	1.22	2.25	NE	0.00	A	33.11	F	39.55	M	27.35	THOLEIITIC
K2O	2.39	2.54	3.08	KP	0.00	Al2O3	15.31	NORM	PLAG	72.38	THOLEIITIC	
TiO2	0.34	0.37	0.26	AC	0.00							
P2O5	0.05	0.05	0.04	DI	2.39	AN	52.50	ABA	20.04	OR	27.46	K-RICH SERIES
MnO	0.13	0.14	0.11	HE	0.69							
S	0.00	0.00	0.00	EN	7.59							
NiO	0.00	0.00	0.00	FS	2.19	CI	15.54	NORM	PLAG	72.38	BASALT	
Cr2O3	0.00	0.00	0.00	EQ	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
SO2+	0.00	0.00	0.00	WO	0.00	JENSEN	CALC-ALKALINE ANDESITE					
SO-	0.00	0.00	0.00	LN	0.00	AL	67.22	FE	15.53	MG	17.28	
LOI	7.38	0.00	0.00	MT	2.15							
				IL	0.53							
TOTAL	91.59	100.00	100.00	CR	0.00	COLOR INDEX :	15.54					
				HM	0.00	WASHIMOTO INDEX :	41.88					
				AP	0.12							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RI	0.00							
				AG	0.00							
				OL	0.00							
				OPX	9.78							
				CPX	3.08							
				ABA	11.23							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, SR, OS, RA, RU, RB (P.P.B.)

BA 471.00:CU 20.00:ZN 29.00:NI 20.00:RB 77.00:SR 111.00:Y 20.00:ZR 100.00:NB 21.00:

COMMENTS :

==== FALCONBRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:57:38

SAMPLE # 00 VR09791

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIG# NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296398.1 N : 5688350.0 EL : 427.6
 DDP : BC90-7 START DEPTH : 286.00 END DEPTH : 289.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMENCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, HOMOGENEOUS.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMENCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	ANION	CATION	ANION	CATION								
SiO2	50.83	64.23	Q	35.00	NA2O+K2O	4.34	SiO2	67.16	SUBALKALINE			
Al2O3	14.94	18.59	G	4.27	OLA	14.36	NEA	0.84	Q*	84.00	SUBALKALINE	
Fe2O3	4.31	5.33	OR	26.09	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE	
FeO	0.00	1.39	AB	0.61	A	39.74	F	39.22	M	23.04	THOLEIITIC	
CaO	4.05	4.58	AN	22.46	AL2O3	16.50	NORM	PLAG	97.34	THOLEIITIC		
MgO	2.08	3.27	LC	0.00	AN	45.68	ABA*	1.25	OR	59.07	X-RICH SERIES	
Na2O	0.06	0.12	NE	0.00	EN	6.55	DI	11.42	NORM	PLAG	97.34	BASALT
K2O	3.87	5.33	KP	0.00	ED	0.00	GENSEN CALC-ALKALINE DACITE					
TiO2	0.43	0.34	AC	0.00	WD	0.00	AL	72.09	FE	15.22	MG	12.69
P2O5	0.06	0.05	DC	0.00	LN	0.00	COLOR INDEX : 11.42					
MnO	0.18	0.16	HE	0.00	MT	2.30	HASHIMOTO INDEX : 59.15					
S	0.00	0.00	EN	6.55	IL	0.68						
NiO	0.00	0.00	FS	1.89	CR	0.00						
Cr2O3	0.00	0.00	ED	0.00	HM	0.00						
CO2	0.00	0.00	EA	0.00	AP	0.14						
H2O+	0.00	0.00	WD	0.00	PG	0.00						
H2O-	0.00	0.00	LN	0.00	NS	0.00						
LOI	6.25	0.00	MT	2.30	KS	0.00						
TOTAL	90.57	100.00	IL	0.68	RJ	0.00						
			CR	0.00	AG	0.00						
			HM	0.00	OL	0.00						
			AP	0.14	OPX	8.43						
			PG	0.00	CPX	0.00						
			NS	0.00	ABA*	0.61						
			KS	0.00								
			RJ	0.00								
			AG	0.00								
			OL	0.00								
			OPX	8.43								
			CPX	0.00								
			ABA*	0.61								

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, CR, QS, RV, RU, -G (P.P.B.)

BA	601.00:CU	20.00:ZN	57.00:NI	20.00:RB	10.00:SR	97.00:Y	20.00:ZR	102.00:NB	20.00:
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COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:58:22

SAMPLE ID # UB09792

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 71
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296399.1 N : 5688350.0 EL : 407.6
 DDH : BC90-7 START DEPTH : 306.00 END DEPTH : 309.00

PROJECT # 1147

PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, K1X, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.27	65.56	62.46	29.81	NA2O+K2O 3.81 SiO2 65.56 SUBALKALINE
Al2O3	14.95	16.26	18.26	0.32	
Fe2O3	4.62	2.10	1.51	19.59	OLA 15.81 NEA 7.29 OA 76.90 SUBALKALINE
FeO	0.00	2.63	2.10	5.43	
CaO	5.92	6.44	6.57	32.36	EPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MgO	2.33	2.53	3.60	0.00	
K2O	0.54	0.59	1.09	0.00	A 35.05 F 41.62 M 23.33 THOLEIITIC
K2O	2.96	3.22	3.92	0.00	
TiO2	0.43	0.47	0.34	0.00	AL2O3 16.26 NORM PLAG 85.64 THOLEIITIC
P2O5	0.07	0.08	0.06	0.00	
MnO	0.71	0.72	0.70	0.00	AN 56.40 AXA 9.46 OR 34.14 K-RICH SERIES
S	0.00	0.00	0.00	7.30	
Na2O	0.00	0.00	0.00	2.21	OL 12.34 NORM PLAG 85.64 BASALT
CR2O3	0.00	0.00	0.00	0.00	
CO2	0.00	0.00	0.00	0.00	
H2O+	0.00	0.00	0.00	0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	0.00	AI 70.52 FE 15.58 MG 13.90
LOI	6.59	0.00	0.00	2.26	
TOTAL	91.93	100.00	100.00	0.67	COLOR INDEX : 12.34 WASHUKOTO INDEX : 45.02
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				CS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.41	
				CPX 0.00	
				ABA 5.43	

TRACE ELEMENTS (P.P.B.) AU, RE, PT, PU, PR, US, R, RU, FB (P.P.B.)

BA 609.00:CC 22.00:ZN 35.00:NI 20.00:RH 84.00:SK 147.00:Y 20.00:ZR 111.00:NB 20.00:

COMMENTS : TRACE ORALOPYRITE

==== F A I C O N B R I D G E I . I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID : VB09816

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 19
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296707.6 N : 5690747.5 EL : 1126.6
 START DEPTH : 58.00 END DEPTH : 60.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.71	68.04	64.96	Q 41.13	NA2O+K2O 4.10 SiO2 68.04 SUBALKALINE
Al2O3	16.39	17.50	19.70	C 11.33	
Fe2O3	5.03	2.18	1.57	OR 24.09	OLA 14.91 NE* 1.56 QA 83.53 SUBALKALINE
FeO	0.00	2.87	2.29	AB 1.38	
CaO	1.59	1.70	1.74	AN 8.18	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.72	2.90	4.13	LC 0.00	
Na2O	0.14	0.15	0.28	NE 0.00	A 34.64 F 40.83 M 24.54 THOLEIITIC
K2O	3.70	3.95	4.82	KP 0.00	
TiO2	0.54	0.58	0.47	AC 0.00	AL2O3 17.50 NORM PLAG 85.53 THOLEIITIC
P2O5	0.07	0.07	0.06	DT 0.00	
MnO	0.05	0.05	0.04	HE 0.00	AN 24.31 ABA 4.11 OR 71.58 K-RICH SERIES
S	0.00	0.00	0.00	EN 8.27	
NiO	0.00	0.00	0.00	FS 2.28	CJ 13.72 NORM PLAG 85.53 BASALT
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WR 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 69.98 FE 15.34 MG 14.68
LOI	5.51	0.00	0.00	MT 2.35	
TOTAL	93.61	100.00	100.00	IL 0.83	COLOR INDEX : 13.72
				CR 0.00	HASHIMOTO INDEX : 78.77
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 10.55	
				CPX 0.00	
				AB* 1.38	

TRACE ELEMENTS (P.P.M.) AG,RE,PT,PD,IR,OS,R4,RU,HG (P.P.B.)

BA 1243.00:CU 54.00:ZN 120.00:NI 20.00:RH 111.00:SR 79.00:Y 20.00:ZR 100.00:NR 22.00:

COMMENTS :

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:55:04

SAMPLE ID # VB09817

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 31
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DBH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296709.9 N : 5690749.0 EL : 1122.4
 START DEPTH : 63.00 END DEPTH : 65.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CONINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	64.47	69.04	66.00	Q	42.90
Al2O3	15.88	17.01	19.16	C	11.02
Fe2O3	4.77	2.20	1.58	DR	23.67
FeO	0.00	2.62	2.10	AB	1.59
CaO	1.50	1.61	1.65	AN	7.72
MgO	2.38	2.76	3.94	LC	0.00
Na2O	0.16	0.27	0.32	NE	0.00
K2O	3.62	3.88	4.73	KP	0.00
TiO2	0.55	0.59	0.42	AC	0.00
P2O5	0.07	0.07	0.06	BT	0.00
MnO	0.05	0.05	0.04	HE	0.00
S	0.00	0.00	0.00	EN	7.87
NiO	0.00	0.00	0.00	ES	1.85
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOT	5.35	0.00	0.00	MT	2.37
TOTAL	93.38	100.00	100.00	IL	0.85
				DR	0.00
				HM	0.00
				AP	0.16
				PO	0.00
				NS	0.00
				KS	0.00
				RJ	0.00
				AG	0.00
				OL	0.00
				OPX	9.72
				CPX	0.00
				ASA	1.59
TRACE ELEMENTS (P.P.M.)					
BA	1178.00:CU	86.00:ZN	599.00:NI	20.00:RE	109.00:SR
					78.00:Y
					20.00:ZR
					87.00:NB
					20.00:

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, RH, RU, HG (P.P.P.)

BA 1178.00:CU 86.00:ZN 599.00:NI 20.00:RE 109.00:SR 78.00:Y 20.00:ZR 87.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:55:45

SAMPLE ID # V809818

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDYNATES : E : 296711.1 N : 5690750.0 EL : 1120.3
 DDH : BC-90-03 START DEPTH : 65.00 END DEPTH : 68.14

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.28	77.88	69.09	Q 47.96	NA2O+K2O 3.77 SiO2 77.88 SUBALKALINE
Al2O3	14.46	15.45	17.50	C 9.70	
Fe2O3	4.34	2.14	1.55	OR 22.49	OLA 10.38 NEA 1.05 GA 88.57 SUBALKALINE
FeO	0.00	2.25	1.83	AB 1.00	
CaO	1.49	1.59	1.64	AN 7.76	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.11	2.25	3.23	LC 0.00	
Na2O	0.10	0.11	0.20	NE 0.00	A 36.98 F 40.91 M 22.13 THOLEIITIC
K2O	3.43	3.66	4.50	KP 0.00	
TiO2	0.50	0.53	0.39	AC 0.00	AL2O3 15.45 NORM PLAG 88.63 THOLEIITIC
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.06	0.06	0.05	SE 0.00	AN 24.84 ANA 3.19 OR 71.98 K-RYOLITE SERIES
S	0.00	0.00	0.00	EM 6.46	
NiO	0.00	0.00	0.00	FS 1.40	CT 10.95 NORM PLAG 88.63 BASALT
CR2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 71.37 FE 15.46 MG 13.17
LOT	5.03	0.00	0.00	MT 2.32	
TOTAL	93.60	100.00	100.00	IL 0.77	COLOR INDEX : 10.95 HASHIMOTO INDEX : 77.70
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PQ 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 7.86	
				CPX 0.00	
				ABA 1.00	

TRACE ELEMENTS (P.P.M.) AC, RE, PT, PO, IR, DS, RH, RU, HG (P.P.B.)

BA 1142.00:CU 560.00:ZN 514.00:NI 20.00:RB 109.00:SR 72.00:Y 20.00:ZK 89.00:MH 20.00:

COMMENTS :

==== F A I C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:56:27

SAMPLE ID # VB09819

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDN : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296714.2 N : 5690752.0 EL : 1114.8
 START DEPTH : 72.43 END DEPTH : 74.00

FIELD NAME : VOLCANICLASTIC,FELSIC,BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : STRINGERS ,5-20% ,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINDO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.84	64.88	61.73	Q 30.45	NA2O+K2O 2.96 SiO2 64.88 SUBALKALINE
Al2O3	12.47	14.23	15.96	C 2.42	
Fe2O3	6.14	2.19	1.57	GR 17.89	OLA 30.63 NEA 0.12 QA 69.24 SUBALKALINE
FeO	0.00	4.13	0.45	AB 0.11	
CaO	4.35	4.97	5.06	AN 24.85	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.98	5.68	8.06	LC 0.00	
Na2O	0.05	0.05	0.02	NE 0.00	A 19.78 F 42.19 M 38.03 THOLEIITIC
K2O	2.58	2.94	3.58	KP 0.00	
TiO2	0.42	0.48	0.34	AC 0.00	AL2O3 14.23 NORM PLAG 99.58 THOLEIITIC
P2O5	0.06	0.07	0.06	DI 0.00	
MnO	0.38	0.21	0.17	DE 0.00	AN 58.00 ABA 0.25 OR 41.76 K-RICH SERIES
S	0.00	0.00	0.00	EN 16.12	
NiO	0.00	0.00	0.00	ES 4.97	CI 24.14 NORM PLAG 99.58 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
K2O+	0.00	0.00	0.00	WB 0.00	JENSEN CALC-ALKALINE BASALT
K2O-	0.00	0.00	0.00	LN 0.00	AI 54.02 FE 18.70 MG 27.28
LOI	7.69	0.00	0.00	MT 2.35	
				IL 0.69	
TOTAL	87.61	100.00	100.00	GR 0.00	COLOR INDEX : 24.14
				HM 0.00	NASHIMOTO INDEX : 63.42
				AP 0.15	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 21.10	
				CPX 0.00	
				ABA 0.11	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, TR, OS, Rb, Sr, Ba (P.P.B.)

BA 730.00:CU 1000.00:ZN 11000.00:MO 20.00:RH 70.00:SR 84.00:Y 20.00:ZR 86.00:NB 21.00:

COMMENTS : CPY, SPH, GL, PYR

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:57:08

SAMPLE ID # VB09B20

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296715.0 N : 5690752.5 EL : 1113.3
 START DEPTH : 74.00 END DEPTH : 76.00

FIELD NAME : VOLCANICLASTIC, FELSIC, BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 5-20% , PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT X	NORMALIZED ANHYDROUS WT X	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.47	67.53	64.58	Q 41.08	NA2O+K2O 2.77 SiO2 67.53 SUBALKALINE
Al2O3	14.04	15.18	17.11	C 10.46	
Fe2O3	7.12	2.15	1.55	DR 16.83	DLA 24.64 NEA 0.10 GA 75.26 SUBALKALINE
FeO	0.00	4.99	3.99	AB 0.10	
CaO	1.55	1.68	1.72	AN 8.15	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.66	5.04	7.18	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 18.79 F 47.02 M 34.20 THOLEIITIC
K2O	3.55	2.76	3.37	KP 0.00	
TiO2	0.49	0.53	0.38	AC 0.00	Al2O3 15.18 NORM PLAG 98.78 THOLEIITIC
P2O5	0.06	0.06	0.05	RI 0.00	
MnO	0.07	0.06	0.06	HE 0.00	AN 32.48 ARA 0.40 DR 67.12 K-RYCK SERIES
S	0.00	0.00	0.00	EN 14.36	
NiO	0.00	0.00	0.00	ES 5.79	CI 23.24 NORM PLAG 98.78 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 56.52 FE 19.76 MG 23.72
LOT	5.88	0.00	0.00	MT 2.32	
TOTAL	92.51	100.00	100.00	IL 0.76	COLOE (NBEX : 23.24 WASHINGTON INDEX : 82.21
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 20.15	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RN, RU, HG (P.P.B.)

BA 735.00:CU 250.00:ZN 307.00:NI 20.00:RB 74.00:DR 58.00:Y 20.00:ZR 82.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I. T. D. ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:37:50

SAMPLE ID # UB09821

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296717.2 N : 5690754.0 RL : 1109.2
 DDN : BC-90-03 START DEPTH : 79.00 END DEPTH : 81.00

FIELD NAME : VOLCANICLASTIC, FELSIC, BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 5-20% , PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.74	64.50	61.32	Q 36.93	NA2O+K2O 3.02 SiO2 64.50 SUBALKALINE
Al2O3	15.91	17.18	19.25	C 13.54	
Fe2O3	7.64	2.21	1.58	OR 18.29	OLA 20.46 NEA 0.10 QA 71.44 SUBALKALINE
FeO	0.00	5.49	4.32	AB 0.10	
CaO	2.03	1.11	1.13	AN 5.08	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.33	5.76	8.15	LC 0.00	A 18.66 F 45.82 M 35.52 THOLEIITIC
Na2O	0.00	0.00	0.02	NE 0.00	Al2O3 17.18 NORM PLAG 98.08 THOLEIITIC
K2O	2.79	3.02	3.66	KP 0.00	AN 21.66 ABA 0.42 OR 77.92 K-RICH SERIES
TiO2	0.55	0.59	0.42	AC 0.00	CI 25.87 NORM PLAG 98.08 BASALT
P2O5	0.08	0.09	0.07	UI 0.00	
MnO	0.08	0.09	0.07	ME 0.00	JENSEN CALC-ALKALINE BASALT
S	0.00	0.00	0.00	EN 16.31	AL 56.95 FE 18.92 MG 24.12
NiO	0.00	0.00	0.00	FS 6.34	
Cr2O3	0.00	0.00	0.00	FD 0.00	COLOR INDEX : 25.87
CO2	0.00	0.00	0.00	FA 0.00	HASHIMOTO INDEX : 88.65
H2O+	0.00	0.00	0.00	WO 0.00	
H2O-	0.00	0.00	0.00	LN 0.00	
LOI	5.64	0.00	0.00	MT 2.38	
TOTAL	92.60	100.00	100.00	IL 0.85	
				CR 0.00	
				HM 0.00	
				AP 0.19	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 22.65	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 810.00:CU 174.00:ZN 179.00:NI 20.00:KB 83.00:SR 50.00:Y 20.00:ZR 99.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:58:31

SAMPLE ID # VB09822

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-03

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296718.1 N : 5690754.5 EL : 1107.5
 START DEPTH : 81.00 END DEPTH : 83.00

FIELD NAME : VOLCANICLASTIC,FELSIC,BLOCK.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,5-20% ,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 16-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NDRMS	CLASSIFICATIONS AND INDICES				
SiO2	63.02	67.04	64.10	Q	41.61 NA2O+K2O 3.06 SiO2 67.04 SUBALKALINE				
Al2O3	15.39	16.37	18.45	C	13.05				
Fe2O3	7.41	2.15	1.55	OR	18.64 OLA 23.63 NEA 0.10 QA 76.27 SUBALKALINE				
FeO	0.00	5.16	4.13	AB	0.10				
CaO	0.85	0.90	0.93	AN	4.13 CPX 0.00 DL 0.00 GPX 100.00 SUBALKALINE				
MgO	4.34	4.62	6.58	LC	0.00				
Na2O	0.01	0.01	0.02	NE	0.00 A 20.74 F 48.01 K 31.25 THOLEIITIC				
K2O	2.87	3.05	3.73	KP	0.00				
TiO2	0.52	0.55	0.40	AC	0.00 AL2O3 16.37 NORM PLAG 97.67 THOLEIITIC				
P2O5	0.07	0.07	0.06	BI	0.00				
MnO	0.07	0.07	0.06	BE	0.00 AN 10.05 ADA 0.43 OR 81.52 K-RICH SERIES				
S	0.00	0.00	0.00	EN	13.16				
NiO	0.00	0.00	0.00	ES	6.03				
Cr2O3	0.00	0.00	0.00	ED	0.00				
CO2	0.00	0.00	0.00	EA	0.00				
H2O+	0.00	0.00	0.00	WD	0.00				
H2O-	0.00	0.00	0.00	LN	0.00				
LOI	5.09	0.00	0.00	MT	2.32				
TOTAL	94.0	100.00	100.00	IL	0.80				
				CR	0.00				
				HM	0.00				
				AP	0.16				
				PO	0.00				
				NS	0.00				
				KS	0.00				
				RU	0.00				
				AG	0.00				
				OL	0.00				
				OPX	19.19				
				CPX	0.00				
				ABA	0.10				
TRADE ELEMENTS (P.P.M.) AU,RE,PT,PG,(R,OS,R4,RU,HG (P.P.B.)					JENSEN CALC-ALKALINE BASALT				
BA	348.00:CL	122.00:ZN	248.00:NI	20.00:NR	72.00:SK	54.00:Y	20.00:ZR	93.00:NB	20.00:
AL 59.21 FE 19.67 MG 21.11					COLOR INDEX : 22.30				
					WASHIMOTO INDEX : 89.34				

TRADE ELEMENTS (P.P.M.) AU,RE,PT,PG,(R,OS,R4,RU,HG (P.P.B.)

BA 348.00:CL 122.00:ZN 248.00:NI 20.00:NR 72.00:SK 54.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS :

==== FAIRCLIFF LID ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:23:16

SAMPLE ID # VB09823

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : JJ
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296174.9 N : 5691928.5 EL : 1331.8
 START DEPTH : 120.00 END DEPTH : 122.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINGO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.83	62.50	59.02	Q 29.79	NA2O+K2O 3.82 SiO2 62.50 SUBALKALINE
Al2O3	15.43	17.43	19.40	C 12.00	
Fe2O3	7.75	2.18	1.55	OR 21.35	Or* 32.39 Ne* 2.66 Q* 64.95 SUBALKALINE
FeO	0.00	5.71	4.51	AB 2.52	
CaO	1.26	1.39	1.40	AN 5.57	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.70	6.27	8.82	LC 0.00	
Na2O	0.25	0.27	0.50	NE 0.00	A 21.49 F 43.20 K 35.31 THOLEIITIC
K2O	3.23	3.54	4.27	KP 0.00	Al2O3 17.43 NORM PLAG 72.30 THOLEIITIC
TiO2	0.48	0.53	0.37	AC 0.00	
P2O5	0.06	0.07	0.05	DI 0.00	
MnO	0.11	0.12	0.10	FR 0.00	AN 21.58 AB* 8.27 OR 70.15 K-RICH SERIES
S	0.00	0.00	0.00	EM 17.64	
NiO	0.00	0.00	0.00	FS 6.91	Or 27.63 NORM PLAG 72.30 BASALT
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	Al 55.83 Fe 18.79 Mg 25.39
LOI	7.01	0.00	0.00	MT 2.32	
TOTAL	90.93	100.00	100.00	IL 0.75	COLOR INDEX : 27.63 HASHIMOTO INDEX : 85.52
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 24.56	
				CPX 0.00	
				AB* 2.52	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HG (P.P.B.)

BA 1004.00:CU 81.00:ZN 1550.00:NI 20.00:RB 81.00:SR 98.00:Y 20.00:ZR 98.00:NB 20.00:

COMMENTS : SHEARED

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:23:57

SAMPLE ID # VB09B24

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296175.5 N : 5691929.5 EL : 1329.8
 DDH : BC-90-01 START DEPTH : 122.00 END DEPTH : 125.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-SZ, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	52.39	57.14	53.87	Q	24.55 NA20+K20 3.98 SiO2 57.14 SUBALKALINE
Al2O3	19.32	21.07	23.42	C	17.75
Fe2O3	10.05	2.30	1.63	OR	23.11 OLA 38.85 NEA 1.45 QA 59.70 SUBALKALINE
FeO	0.00	7.79	6.14	AB	1.30
CaO	0.45	0.49	0.50	AN	1.97 CPX 0.00 OL 0.00 QPX 100.00 SUBALKALINE
MgO	5.83	6.36	8.93	LC	0.00
Na2O	0.73	0.14	0.26	NE	0.00 A 19.71 F 48.82 M 31.47 THOLEIITIC
K2O	3.52	3.84	4.62	KP	0.00
TiO2	0.67	0.67	0.47	AC	0.00 AL2O3 21.07 NORM PLAG 60.32 CALC-ALKALINE
P2O5	0.07	0.08	0.06	DI	0.00
MnO	0.11	0.12	0.10	HE	0.00 AN 7.42 ARA 4.91 OR 87.62 K-RICH SERIES
S	0.00	0.00	0.00	EN	17.87
N2O	0.00	0.00	0.00	FS	9.90 CI 31.16 NORM PLAG 60.32 BASALT
Cr2O3	0.00	0.00	0.00	FD	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WO	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	6.81	0.00	0.00	MT	2.45
TOTAL	91.68	100.00	100.00	IL	0.94
				CR	0.00
				HM	0.00
				AP	0.16
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AS	0.00
				OL	0.00
				OPX	27.77
				CPX	0.00
				ABA	1.30

COLOR INDEX : 31.16
 HASHIMOTO INDEX : 94.16

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 1103.00:CU 1910.00:ZN 195.00:NI 20.00:RE 87.00:SR 68.00:Y 20.00:Zr 123.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I T R ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:24:38

SAMPLE ID # VB09825

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296176.9 N : 5691930.5 RI : 1327.4
 DOI : 80-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 125.00 END DEPTH : 128.00

FIELD NAME : VOLCANICLASTIC,FELSIC,LAPILLI.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED,CHLORITIZATION,WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS,1-SZ,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COH(MCD)

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	NORMALIZED		NORMALIZED		NORMS	CLASSIFICATIONS AND INDICES						
	WT %	ANHYDROUS WT %	ANHYDROUS	CATION %								
SiO2	58.78	62.43	58.75	Q	33.29	NA20+K20	2.75	SiO2	62.43	SUBALKALINE		
Al2O3	16.51	17.72	19.65	C	15.44							
Fe2O3	7.88	2.15	1.52	DR	16.44	OLA	35.04	NEA	0.09	Q*	64.87	SUBALKALINE
FeO	0.00	3.68	4.47	AB	0.10							
CaO	0.57	0.55	0.55	AN	2.26	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
MgO	7.44	7.98	11.30	LC	0.00							
Na2O	0.01	0.01	0.02	NE	0.00	A	14.98	F	41.49	M	43.53	THOLEIITIC
K2O	2.53	2.74	3.29	KP	0.00							
TiO2	0.50	0.54	0.38	AC	0.00	AL2O3	17.72	NORM	PLAG	95.85	THOLEIITIC	
P2O5	0.07	0.08	0.06	DT	0.00							
MnO	0.13	0.14	0.11	WE	0.00	AN	12.02	ANA	0.52	DR	87.46	K-RYCH SERIES
S	0.00	0.00	0.00	2N	22.39							
NiO	0.00	0.00	0.00	ES	6.88							
CR2O3	0.00	0.00	0.00	FD	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00	JENSEN	CALC-ALKALINE BASALT					
LOI	6.07	0.00	0.00	MT	2.28	AL	52.65	FE	17.36	MG	30.00	
TOTAL	93.19	100.00	100.00	IL	0.76							
				CR	0.00	COLOR INDEX :	32.31					
				HM	0.00	HASHIMOTO INDEX :	95.05					
				AP	0.16							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	29.27							
				CPX	0.00							
				ARA	0.10							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,DS,RH,RU,HR (P.P.B.)

BA 794.00:CU 56.00:ZN 116.00:NI 20.00:BR 69.00:SR 40.00:Y 20.00:Zr 92.00:NB 20.00:

COMMENTS : MINOR SPH

==== FAIRCLIFF BRIDGE LTD =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:25:20

SAMPLE ID # VB09826

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296179.4 N : 5691932.5 EL : 1323.2
 START DEPTH : 131.00 END DEPTH : 132.40

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-SX, PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.02	62.03	58.27	Q	31.56 NA2O+K2O 3.89 SiO2 62.03 SUBALKALINE
Al2O3	18.03	19.34	21.42	C	16.00
Fe2O3	6.69	3.20	1.56	OR	23.30 OLA 32.24 NEA 0.11 GA 67.65 SUBALKALINE
FeO	0.00	4.47	3.51	AB	0.10
CaO	0.42	0.45	0.45	AN	1.84 CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.35	6.81	9.54	LC	0.00
Na2O	0.01	0.01	0.02	NR	0.00 A 22.69 F 37.62 M 39.69 THOLEITIC
K2O	1.62	3.88	4.66	KP	0.00
TiO2	0.56	0.60	0.42	AC	0.00 AL2O3 19.34 NORM PLAG 94.96 THOLEITIC
P2O5	0.06	0.06	0.05	DI	0.00
MnO	0.77	0.12	0.09	ME	0.00 AN 7.29 ABA 0.39 OR 92.32 K-RICH SERIES
S	0.00	0.00	0.00	EN	19.07
NiO	0.00	0.00	0.00	ES	4.80
Cr2O3	0.00	0.00	0.00	ED	0.00
CO2	0.00	0.00	0.00	FA	0.00
H2O+	0.00	0.00	0.00	WD	0.00
H2O-	0.00	0.00	0.00	LN	0.00
LOI	5.97	0.00	0.00	MT	2.34
TOTAL	98.21	100.00	100.00	IL	0.85
				CR	0.00
				HM	0.00
				AP	0.14
				PO	0.00
				NS	0.00
				KS	0.00
				RU	0.00
				AG	0.00
				DL	0.00
				OPX	23.87
				CPX	0.00
				ABA	0.10
TRADE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RA, RB, RG (P.P.B.)					JENSEN CALC-ALKALINE BASALT
BA	925.00:CU	24.00:ZN	508.00:NI	20.00:RB	AL 58.60 FE 15.30 MG 26.10
					COLOR INDEX : 27.07
					HASHIMOTO INDEX : 95.87

BA 925.00:CU 24.00:ZN 508.00:NI 20.00:RB 98.00:SK 32.00:Y 20.00:ZR 89.00:NR 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:26:01

SAMPLE ID # VB09827

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296186.2 N : 5691938.0 EL : 1311.7
 DDH : BC-90-01 START DRPTH : 144.94 END DRPTH : 147.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,MODERATE.
 MINERALIZATION : DISSEMINATED AND BLESS,1-5%,PYRITE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	69.41	74.08	71.97	Q	53.57 NA2O+K2O 3.43 SiO2 74.08 SUBALKALINE				
Al2O3	13.23	14.12	16.17	C	9.85				
Fe2O3	5.59	2.05	1.50	OR	21.19				
FEO	0.00	3.52	2.86	AB	0.10				
CaO	0.98	1.05	1.09	AN	5.15				
MgO	1.12	1.20	1.73	LC	0.00				
Na2O	0.01	0.01	0.02	NA	0.00				
K2O	3.20	3.42	4.24	KP	0.00				
TiO2	0.42	0.45	0.33	AC	0.00				
P2O5	0.04	0.04	0.04	DI	0.00				
MNO	0.06	0.06	0.05	HE	0.00				
S	0.00	0.00	0.00	EN	3.46				
NiO	0.00	0.00	0.00	FS	3.68				
CR2O3	0.00	0.00	0.00	EO	0.00				
CO2	0.00	0.00	0.00	FA	0.00				
H2O+	0.00	0.00	0.00	WO	0.00				
H2O-	0.00	0.00	0.00	LN	0.00				
LOI	5.53	0.00	0.00	NT	2.25				
				IL	0.66				
TOTAL	93.69	100.00	100.00	CR	0.00				
				HM	0.00				
				AP	0.09				
				PO	0.00				
				NS	0.00				
				KS	0.00				
				RU	0.00				
				AG	0.00				
				OL	0.00				
				OPX	7.14				
				CPX	0.00				
				ABA	0.10				
TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,MO (P.P.B.)									
BA	1042.00:CU	55.00:ZN	57.00:NI	20.00:RB	98.00:SR	51.00:Y	20.00:Zr	80.00:NB	20.00:

COMMENTS :

REPORT #2000

PAGE 1
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 09:26:43

SAMPLE ID # VB09228

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 10
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296188.3 N : 5691939.0 EL : 1308.1
 DDH : RC-90-01 START DEPTH : 149.90 END DEPTH : 152.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : BEDDED,5-20% ,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : B McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.72	64.13	60.63	Q 35.80	NA2O+K2O 3.08 SiO2 64.13 SUBALKALINE
Al2O3	16.08	17.27	19.24	C 14.65	
Fe2O3	7.36	2.17	1.54	OR 18.54	OLA 31.03 NEA 0.10 OR 68.87 SUBALKALINE
FeO	0.00	5.16	4.08	AB 0.10	
CaO	0.49	0.53	0.53	AN 2.16	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	6.36	6.83	9.62	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 18.10 E 41.78 H 40.12 THOLEIITIC
K2O	2.86	3.07	3.71	KP 0.00	
TiO2	0.52	0.56	0.40	AC 0.00	Al2O3 17.27 NORM PLAG 95.65 THOLEIITIC
P2O5	0.07	0.08	0.06	BT 0.00	
MnO	0.19	0.20	0.16	HE 0.00	AN 10.40 ABA 0.47 OR 89.13 K-RICH SERIES
S	0.00	0.00	0.00	EN 19.25	
NiO	0.00	0.00	0.00	FS 6.15	CI 28.50 NORM PLAG 95.65 BASALT
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 54.90 FE 17.64 MG 27.46
LOI	6.06	0.00	0.00	MT 2.31	
TOTAL	93.12	100.00	100.00	IL 0.79	COLOR INDEX : 28.50 HASHIMOTO INDEX : 94.86
				CR 0.00	
				HM 0.00	
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 25.39	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 1112.00:CU 59.00:Zn 1740.00:NI 20.00:RB 88.00:SR 37.00:Y 20.00:ZR 93.00:NB 20.00:

COMMENTS : PYR, SPH, GL, CPY

==== F A I C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:27:24

SAMPLE ID # UB09829

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296189.0 N : 5691940.0 EL : 1305.6
 DDW : BC-90-01 START DEPTH : 152.00 END DEPTH : 155.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : BEDDED,1-5%,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CUMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	60.10	64.36	61.03	Q 36.57	NA2O+K2O 3.73 SiO2 64.36 SUBALKALINE
Al2O3	17.11	18.32	20.48	C 15.51	
Fe2O3	7.22	2.16	1.54	DR 22.37	OLA 27.32 NEA 0.10 OA 72.58 SUBALKALINE
FeO	0.00	5.01	3.97	AB 0.10	
CaO	0.30	0.32	0.33	AN 1.20	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.03	5.39	7.61	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 23.09 F 43.35 K 33.56 THOLEIITIC
K2O	3.45	3.69	4.47	KP 0.00	AL2O3 18.32 NORM PLAG 92.43 THOLEIITIC
TiO2	0.52	0.56	0.40	AC 0.00	
P2O5	0.06	0.06	0.05	DC 0.00	AN 5.00 ABA 0.42 OR 94.50 K-RICH SERIES
MnO	0.10	0.11	0.09	DK 0.00	
S	0.00	0.00	0.00	EN 15.23	CT 24.12 NORM PLAG 92.43 BASALT
NiO	0.00	0.00	0.00	ES 5.78	
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 60.07 FE 17.60 MG 22.33
LOI	5.71	0.00	0.00	MT 2.32	
TOTAL	93.38	100.00	100.00	IL 0.79	COLOR INDEX : 24.12 WASHINGTON INDEX : 96.47
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				QPX 21.01	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,HA (P.P.B.)

BA 1217.00:CU 54.00:ZN 886.00:NI 20.00:RB 108.00:SR 36.00:Y 20.00:ZR 89.00:NB 20.00:

COMMENTS : PYX, SPH, GL, CPY

==== F A L C O N B R I D G E J T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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 09:28:05

SAMPLE ID # VB09830

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 00H : 9C-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 E : 296201.0 N : 5691947.5 EL : 1285.6
 START DEPTH : 176.00 END DEPTH : 180.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : BEDDED,1-5%,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SI02	58.63	63.64	59.94	Q 33.88	NA20+K20 2.81 SI02 63.64 SUBALKALINE
AL2O3	15.22	16.52	18.34	C 13.76	
FE2O3	7.47	2.11	1.49	OR 16.84	OLA 34.80 NEA 0.09 OA 65.11 SUBALKALINE
FE0	0.00	5.40	4.25	AP 0.10	
CA0	0.63	0.66	0.67	AN 2.98	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MGO	7.44	8.08	11.34	LC 0.00	
NA20	0.01	0.01	0.02	NE 0.00	A 15.46 F 40.12 M 44.41 THOLEIITIC
K20	2.58	2.80	3.17	KP 0.00	AL2O3 16.52 NORM PLAG 96.78 THOLEIITIC
TIO2	0.44	0.48	0.34	AC 0.00	
P2O5	0.05	0.05	0.04	DI 0.00	
MNO	0.23	0.25	0.20	HE 0.00	AN 14.96 ABA 0.50 OR 84.55 K-RICH SERIES
S	0.00	0.00	0.00	EN 22.67	
NIO	0.00	0.00	0.00	PS 6.74	CI 32.32 NORM PLAG 96.78 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 51.00 FE 17.48 MG 31.52
LOI	6.17	0.00	0.00	MT 2.24	
TOTAL	92.13	100.00	100.00	IL 0.68	COLOR INDEX : 32.32 WASHINGTON INDEX : 94.17
				CR 0.00	
				HM 0.00	
				AP 0.12	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 29.41	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PO,IR,OS,RH,RU,HS (P.P.B.)

BA 842.00:CU 38.00:ZN 735.00:NI 20.00:RB 90.00:SR 27.00:Y 20.00:ZR 79.00:WH 20.00:

COMMENTS : PYR, SPH, GL, CPY

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09B31

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 0B2N05
 UTM ZONE : 33
 SAMPLE TYPR : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296202.6 N : 5691948.5 EL : 1282.7
 DGM : BC-90-01 START DEPTH : 180.00 END DEPTH : 183.00

PROJECT # 1146

PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : BEDDED,1-5%,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SI02	64.35	68.26	64.78	Q 42.78	NA2O+K2O 2.59 SI02 68.26 SUBALKALINE
AL2O3	14.28	15.19	17.00	C 12.93	
FE2O3	6.23	2.06	1.47	GR 15.61	DL* 26.40 NE* 0.09 QA 73.51 SUBALKALINE
FE0	0.00	4.11	3.26	AB 0.10	
CAO	0.48	0.51	0.52	AN 2.31	CPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MGO	6.19	6.59	9.32	LC 0.00	
NA2O	0.01	0.02	0.02	HE 0.00	A 17.08 F 39.41 M 43.51 THOLEIITIC
K2O	2.42	2.58	3.12	KP 0.00	AL2O3 15.19 NORM PLAG 95.94 THOLEIITIC
TiO2	0.44	0.47	0.33	AC 0.00	
P2O5	0.04	0.04	0.03	DC 0.00	
MNO	0.17	0.18	0.15	HE 0.00	AN 12.83 ABA 0.54 OR 86.63 R-RICH SERIES
S	0.00	0.00	0.00	EN 18.63	CJ 26.18 NORM PLAG 95.94 BASALT
NiO	0.00	0.00	0.00	ES 4.67	
CR2O3	0.00	0.00	0.00	ED 0.00	
CO2	0.00	0.00	0.00	EA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 53.92 FE 16.54 MG 29.55
LOI	5.28	0.00	0.00	MT 2.21	
TOTAL	93.98	100.00	100.00	IL 0.67	COLOR INDEX : 26.18 WASHINGTON INDEX : 94.62
				CR 0.00	
				HM 0.00	
				AP 0.09	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				QL 0.00	
				OPX 23.30	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,XE,PT,PD,SR,DS,RH,RU,HR (P.P.B.)

BA 785.00:CU 26.00:ZN 518.00:NI 20.00:RB 82.00:SR 23.00:Y 20.00:ZR 80.00:ND 20.00:

COMMENTS : PYR, SPH, GL, CPY

==== F A L C O N B R I D G E L T D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VB09832

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296203.9 N : 5691949.5 EL : 1280.1
 DDH : BC-90-01 START DEPTH : 183.00 END DEPTH : 186.31

PROJECT # 1146

PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : BEDDED, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : CDMINDO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	63.58	67.75	64.46	Q 42.28	NA20+K20 2.63 SiO2 67.75 SUBALKALINE
Al2O3	14.44	15.39	17.25	C 12.88	
Fe2O3	6.72	2.30	1.50	OR 15.93	OLA 26.22 NEA 0.09 OA 73.69 SUBALKALINE
FeO	0.00	4.55	3.62	AB 0.10	
CaO	0.62	0.66	0.67	AN 2.94	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	5.76	6.14	8.70	LC 0.00	
Na2O	0.00	0.00	0.02	NE 0.00	A 17.30 F 42.35 K 40.35 THOLEIITIC
K2O	2.46	2.62	3.19	KP 2.00	AL2O3 15.39 NORM PLAG 96.76 THOLEIITIC
TiO2	0.47	0.50	0.36	AC 0.00	
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.20	0.21	0.17	HE 0.00	AN 15.49 ABA 0.52 OR 83.99 K-RICH SERIES
S	0.00	0.00	0.00	EN 17.41	
NiO	0.00	0.00	0.00	FS 5.37	CI 25.75 NORM PLAG 96.76 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN CALC-ALKALINE BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 54.58 FE 17.89 MG 27.53
LOI	5.60	0.00	0.00	MT 2.25	
TOTAL	93.84	100.00	100.00	IL 0.72	COLOR INDEX : 25.75 HASHIMOTO INDEX : 92.83
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 22.78	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, MG (P.P.B.)

BA 822.00:CU 330.00:ZN 1110.00:WY 20.00:RB 72.00:SR 23.00:Y 20.00:ZK 86.00:NR 23.00:

COMMENTS : PYR, SP, GL, CPY

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:30:09

SAMPLE ID : VB09B03

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT : X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 GRID COORDINATES : E : 296205.7 N : 5691950.5 EL : 1276.8
 DDH : BC-90-01 START DEPTH : 187.19 END DEPTH : 190.00

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE ,CHLORITIZATION,WEAK.
 MINERALIZATION : BEDDED,1-SZ,LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	56.25	60.85	56.96	Q 37.35	NA2O+K2O 1.22 SiO2 60.85 SUBALKALINE
Al2O3	14.62	15.82	17.45	C 15.61	
Fe2O3	9.60	2.13	1.50	DR 7.24	OLA 42.74 NEA 0.08 GA 57.18 SUBALKALINE
FeO	0.00	7.43	5.81	AB 0.10	
CaO	0.25	0.27	0.27	AN 0.93	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	10.51	11.37	15.86	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 5.57 F 42.60 M 51.83 THOLEIITIC
K2O	1.12	1.21	1.45	KP 0.00	
TiO2	0.47	0.51	0.36	AC 0.00	AL2O3 15.82 NORM PLAG 90.42 THOLEIITIC
P2O5	0.06	0.06	0.05	BI 0.00	
MnO	0.37	0.34	0.27	SE 0.00	AN 11.21 ABA 1.19 DR 87.60 K-RICH SERIES
S	0.00	0.00	0.00	EN 31.72	
NiO	0.00	0.00	0.00	FS 9.94	CJ 44.63 NORM PLAG 90.42 BASALT
CR2O3	0.00	0.00	0.00	FO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WD 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 42.30 FE 19.25 MG 38.45
LOI	6.23	0.00	0.00	MT 2.25	
TOTAL	92.44	100.00	100.00	IL 0.72	COLOR INDEX : 44.63 WASHINGTON INDEX : 97.81
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 41.66	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,IR,OS,RH,RU,SG (P.P.B.)

BA 365.00:CL 410.00:ZN 2700.00:NY 20.00:RB 42.00:SK 20.00:Y 20.00:ZR 80.00:NB 20.00:

COMMENTS : PYR. SPH, GL, CPY

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:30:51

SAMPLE ID # VR09834

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1146
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 GRID COORDINATES : E : 296206.7 N : 5691951.5 EL : 1274.3
 DDH : 8C-90-01 START DEPTH : 190.00 END DEPTH : 192.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASD.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : BEDDED, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : COMINGO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES							
SiO2	65.93	69.63	66.13	Q	45.47	NA2O+K2O	2.05	SiO2	69.61	SUBALKALINE		
Al2O3	13.04	13.77	15.42	C	12.52							
Fe2O3	6.35	2.04	1.46	OR	12.36	DI*	26.95	NE*	0.08	QA	72.96	SUBALKALINE
FeO	0.00	4.20	3.34	AP	0.10							
CaO	0.27	0.29	0.29	AN	1.03	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	6.88	7.36	10.29	LC	0.00							
Na2O	0.01	0.01	0.02	NE	0.00	A	13.35	F	39.31	M	47.34	THOLEIITIC
K2O	1.93	2.04	3.47	KP	0.00							
TiO2	0.43	0.45	0.32	AC	0.00	Al2O3	13.77	NORM	PLAG	91.34	THOLEIITIC	
P2O5	0.06	0.06	0.05	BI	0.00							
MnO	0.25	0.26	0.21	BE	0.00	AN	7.60	ABA	0.72	OR	91.67	K-RICH SERIES
S	0.00	0.00	0.00	BN	20.57							
NiO	0.00	0.00	0.00	ES	4.99	CJ	28.40	NORM	PLAG	91.34	BASALT	
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WO	0.00	JENSEN	HIGH	MAGNESIUM	THOLEIITIC	BASALT		
H2O-	0.00	0.00	0.00	LN	0.00	Al	49.60	Fe	17.18	Mg	33.14	
LOT	4.65	0.00	0.00	MT	2.19							
				IL	0.65							
TOTAL	94.71	100.00	100.00	CR	0.00	COLOR INDEX :	28.40					
				WH	0.00	HASHIMOTO INDEX :	96.92					
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	25.56							
				CPX	0.00							
				AB*	0.10							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RH, RU, HG (P.P.B.)

BA 626.00:CU 21.00:ZN 188.00:NI 20.00:KB 57.00:OR 20.00:Y 20.00:ZK 76.00:NB 20.00:

COMMENTS : PYR, SPH, GL, CPY

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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 09:31:32

SAMPLE ID * V809885

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-176
 TOWNSHIP :
 NIS : 032M05
 UTM ZONE : 19
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296207.8 N : 5691952.0 EL : 1272.7
 DDH : BC-90-01

PROJECT # 1146
 PROVINCE : BRITISH COLUMBIA
 PROJECT : VICTORIA RESOURCES OPTION
 START DEPTH : 192.00 END DEPTH : 195.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, CHLORITIZATION, WEAK.
 MINERALIZATION : BEDDED, 1-5%, LOOK AT COMMENTS FILE.
 FORMATION :

SAMPLED BY : D McLAUGHLIN
 ANALYZED BY : DOMINCO

DATE : 15-OCT-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.26	70.76	67.17	D 48.00	NA2O+K2O 1.37 SiO2 70.76 SUBALKALINE
Al2O3	12.09	12.72	14.23	C 12.31	
Fe2O3	6.20	2.00	1.44	OR 8.23	OLA 27.46 NEA 0.08 QA 72.45 SUBALKALINE
FeO	0.00	4.06	3.22	AB 0.10	
CaO	0.20	0.20	0.20	AN 0.65	CPX 0.00 DL 0.00 OPX 100.00 SUBALKALINE
MgO	7.73	8.13	11.50	LC 0.00	
Na2O	0.01	0.01	0.02	NE 0.00	A 8.90 F 38.19 M 52.90 THOLEITIC
K2O	1.29	1.34	1.65	KP 0.00	AL2O3 12.72 NORM PLAG 86.98 THOLEITIC
TiO2	0.41	0.43	0.31	AC 0.00	
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.24	0.25	0.20	ME 0.00	AN 7.20 ABA 1.08 OR 91.70 K-RICH SERIES
S	0.00	0.00	0.00	EN 23.01	
NiO	0.00	0.00	0.00	ES 4.80	BY 30.58 NORM PLAG 86.98 BASALT
Cr2O3	0.00	0.00	0.00	EO 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN HIGH MAGNESIUM THOLEIITIC BASALT
H2O-	0.00	0.00	0.00	LN 0.00	AL 46.05 FE 16.73 MG 37.22
LOI	4.54	0.00	0.00	NI 2.15	
TOTAL	95.06	100.00	100.00	IL 0.62	COLOR INDEX : 30.58 WASHIMOTO INDEX : 97.72
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 27.81	
				CPX 0.00	
				ABA 0.10	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RP, RU, HR (P.P.B.)

BA 444.00:CU 20.00:ZN 225.00:NI 20.00:RB 49.00:SR 20.00:Y 20.00:ZR 70.00:NB 20.00:

COMMENTS : PYR, SP, GL, CPY

REPORT #2000

SAMPLE ID # V809793

WADLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 18
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296399.3 N : 5608350.0 EL : 403.0
 UTM : BC90-7 START DEPTH : 310.94 END DEPTH : 313.47

PROJECT # 1247
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.43	66.50	63.54	Q	NA2O+K2O 3.88 SiO2 66.50 SUBALKALINE
Al2O3	15.20	16.46	18.53	C	
Fe2O3	4.84	2.10	2.51	OR	DiA 14.06 MEA 5.72 Q* 80.22 SUBALKALINE
FeO	0.00	2.82	2.26	AB	
CaO	5.03	5.47	5.55	AN	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.01	2.18	3.10	LC	
Na2O	0.44	0.48	0.88	NE	A 36.00 F 43.79 M 20.21 THOLEIITIC
K2O	3.14	3.40	4.15	KP	
TiO2	0.44	0.40	0.34	AC	AL2O3 16.46 NORM PLAG 86.10 THOLEIITIC
P2O5	0.06	0.06	0.05	DI	
MnO	0.09	0.10	0.08	SE	AN 52.07 ABA 8.41 OR 39.52 K-RICH SERIES
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	FS	DI 11.62 NORM PLAG 86.10 BASALT
Cr2O3	0.00	0.00	0.00	FO	
CoO	0.00	0.00	0.00	FA	
H2O+	0.00	0.00	0.00	WO	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN	AL 71.78 FE 16.22 MG 12.00
LOI	5.56	0.00	0.00	MT	
TOTAL	92.37	100.00	100.00	IL	
				CR	COLOR INDEX : 11.62
				HM	HASHIMOTO INDEX : 48.58
				AP	
				PO	
				NS	
				KS	
				RJ	
				AG	
				OL	
				OPX	
				CPX	
				ABA	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, RA, RU, R (P.P.B.)

BA 681.00:CU 20.00:ZN 46.00:MX 20.00:RV 84.00:SR 145.00:Y 20.00:ZR 98.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E I I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 10:59:49

SAMPLE ID # VB09794

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : OR2405
 UTM ZONE : 21
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296399.7 N : 5688350.0 EL : 395.7
 DEM : BC90-7 START DEPTH : 318.00 END DEPTH : 321.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, I-SZ, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : CORINDD

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES				
SiO2	59.62	64.55	61.01	Q 25.22	NA2O+K2O	4.35	SiO2	64.55	SUBALKALINE
Al2O3	15.43	16.70	18.61	C 0.60					
Fe2O3	5.25	2.11	2.50	OR 15.94	OLA	15.04	NA 18.38	KA 66.57	SUBALKALINE
FeO	0.00	3.21	2.54	AB 15.67					
CaO	5.41	5.86	5.93	AN 29.22	CPX	0.00	OL 0.00	OPX 100.00	SUBALKALINE
MgO	2.36	2.55	3.60	LC 0.00					
Na2O	2.58	1.71	3.13	NE 0.00	A	36.20	F 42.54	N 21.25	THOLEIITIC
K2O	2.44	2.64	3.19	KP 0.00					
TiO2	0.45	0.49	0.35	AC 0.00	Al2O3	16.70	NORM PLAG	65.09	THOLEIITIC
P2O5	0.06	0.06	0.05	DI 0.00					
MnO	0.10	0.11	0.09	KE 0.00	AN	48.03	ABA 25.76	OR 26.21	K-RICH SERIES
S	0.00	0.00	0.00	SN 7.20					
NiO	0.00	0.00	0.00	FS 3.06	CI	13.20	NORM PLAG	65.09	BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00					
CoO	0.00	0.00	0.00	FA 0.00					
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN	CALC-ALKALINE ANDESITE			
H2O-	0.00	0.00	0.00	LV 0.00	AL	69.74	FE 16.77	MG 13.49	
LOI	7.15	0.00	0.00	MT 2.25					
				IL 0.69					
TOTAL	92.37	100.00	100.00	CR 0.00	COLOR INDEX : 13.20				
				FM 0.00	WASHINGTON INDEX : 40.71				
				AP 0.14					
				PO 0.00					
				NS 0.00					
				KS 0.00					
				RU 0.00					
				AG 0.00					
				OL 0.00					
				OPX 10.26					
				CPX 0.00					
				ABA 15.67					

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, CR, OS, BR, RU, HG (P.P.B.)

BA 563.00:CB 21.00:CN 36.00:CO 20.00:CR 77.00:SR 146.00:Y 20.00:ZR 105.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:00:32

SAMPLE CD # VB09795

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296400.1 N : 5608350.0 RL : 389.7
 BGR : BC90-7 START DEPTH : 325.00 END DEPTH : 328.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, I-SX, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSELL
 ANALYZED BY : COMINCO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NRKMS	CLASSIFICATIONS AND INDICES							
SiO2	68.16	67.77	64.73	Q	35.50	NA2O+K2O	3.99	SiO2	67.77	SUBALKALINE		
Al2O3	15.04	16.14	18.16	C	3.84	OLA	12.82	NEA	7.45	QA	79.73	SUBALKALINE
Fe2O3	4.80	2.06	1.49	OR	20.22	CPX	0.00	OL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	2.74	3.22	AB	6.26	A	37.02	F	42.98	M	20.00	TIOLETTIC
CaO	4.19	4.50	4.60	AN	23.57	AL2O3	16.14	NORM PLAG	78.29			TIOLETTIC
MgO	2.01	2.16	3.07	LC	0.00	AN	46.01	ABA	12.76	BR	41.23	K-RICH SERIES
Na2O	0.63	0.68	1.25	NE	0.00	CI	11.48	NORM PLAG	78.29			BASALT
K2O	3.09	3.32	4.04	KP	0.00	JENSEN CALC-ALKALINE DACITE						
TiO2	0.42	0.45	0.32	AC	0.00	AL	71.69	FF	16.19	MG	12.11	
P2O5	0.06	0.06	0.05	DI	0.00	COLOR INDEX : 11.48						
MnO	0.09	0.10	0.08	DE	0.00	HASHIMOTO INDEX : 51.41						
S	0.00	0.00	0.00	EN	6.14							
NiO	0.00	0.00	0.00	FS	3.47							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00							
H2O-	0.00	0.00	0.00	LN	0.00							
LOI	6.01	0.00	0.00	MT	2.22							
TOTAL	98.20	100.00	100.00	IL	0.65							
				CR	0.00							
				WH	0.00							
				AP	0.14							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RJ	0.00							
				AG	0.00							
				OL	0.00							
				OPX	3.61							
				CPX	0.00							
				ABA	6.26							

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PD, IR, OS, RI, RU, RG (P.P.B.)

BA 681.00:CU 27.00:ZN 53.00:NI 20.00:BR 86.00:SR 139.00:Y 20.00:ZR 91.00:NB 20.00:

COMMENTS :

==== F A L C O N B R I D G E L T D =====
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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:01:16

SAMPLE ID # VB09796

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP 1
 NTS : 002N05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 296400.9 N : 5688350.0 EL : 374.7
 DEM : 8090-7 START DEPTH : 339.00 END DEPTH : 342.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSID, ASK.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLESB, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C. RUSSELL
 ANALYZED BY : DORRINDO

DATE : 02-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	57.48	62.39	58.05	Q	15.41	NA2O+K2O	5.52	SiO2	62.29	SUBALKALINE		
Al2O3	15.47	16.76	18.41	C	0.00							
Fe2O3	5.45	2.12	3.49	DR	12.64	OLA	10.57	NEA	34.30	GA	55.13	SUBALKALINE
FeO	0.00	3.40	2.65	AB	30.64							
CaO	6.05	6.56	6.55	AN	24.40	CPX	45.34	OL	0.00	OPX	54.66	SUBALKALINE
MgO	2.46	2.67	3.70	LC	0.00							
Na2O	3.19	3.39	6.13	NE	0.00	A	40.87	F	39.38	H	19.75	TROILITIC
K2O	1.96	2.12	2.58	KP	0.00							
TiO2	0.46	0.50	0.35	AC	0.00	AL2O3	16.76	NORM	PLAG	44.33		CALC-ALKALINE
P2O5	0.07	0.03	0.06	DI	4.34							
MnO	0.20	0.11	0.09	HE	1.93	AN	36.05	ADA	45.27	OR	18.60	AVERAGE SERIES
S	0.00	0.00	0.00	EN	5.23							
NiO	0.00	0.00	0.00	FS	2.32	OR	16.76	NORM	PLAG	44.33		ANDESITE
Cr2O3	0.00	0.00	0.00	FO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
P2O+	0.00	0.00	0.00	WD	0.00	JENSEN						CALC-ALKALINE ANDESITE
P2O-	0.00	0.00	0.00	LN	0.00	AL	68.98	FE	17.15	MG	13.87	
LOI	6.99	0.00	0.00	MT	2.23							
				IL	0.70							
TOTAL	92.28	100.00	100.00	CR	0.00	COLOR INDEX :	16.76					
				HM	0.00	HASHIMOTO INDEX :	32.50					
				AP	0.16							
				PO	0.00							
				NS	0.00							
				CS	0.00							
				RJ	0.00							
				AS	0.00							
				GL	0.00							
				OPX	7.56							
				CPX	6.27							
				A3A	30.64							

TRACE ELEMENTS (P.P.M.) AJ, RE, PT, PO, ER, OS, RO, RU, G (P.P.B.)

BA 642.00:CL 40.00:ZN 49.00:MO 20.00:RH 56.00:SK 184.00:Y 20.00:ZR 116.00:NB 20.00:

COMMENTS :

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REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:02:01

SAMPLE ID # VB09674

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 0.0 N : 0.0 E1 : 0.0
 DDH : BC90-7

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/DOMINCO OPTION
 START DEPTH : 13.00 END DRPTH : 16.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSEL
 ANALYZED BY : CDMINCO

DATE : 02-NOV-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLOURESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES						
SiO2	65.37	70.30	67.44	Q 42.68	NA20+K20	3.62	SiO2	70.30	SUBALKALINE		
Al2O3	15.71	16.90	19.00	C 6.44	DLA	4.08	NEA	12.45	GA 83.47	SUBALKALINE	
Fe2O3	4.64	2.02	1.46	OR 14.30	CPX	0.00	DL	0.00	DPX	100.00	SUBALKALINE
FeO	0.00	2.67	2.14	AB 12.00	A	43.00	F	53.29	M	3.70	THOLEIITIC
CaO	3.43	3.69	3.79	AN 18.52	AL2O3	16.90	NORM	PLAG	60.68		CALC-ALKALINE
MgO	0.29	0.31	0.45	LC 0.00	AN	42.32	ABA	26.78	DR	31.90	K-RICH SERIES
Na2O	1.20	1.29	2.40	NE 0.00	DL	5.92	NORM	PLAG	60.68		ANDESITE
K2O	2.17	2.33	2.86	KP 0.00	JENSEN THOLEIITIC RHYOLITE						
TiO2	0.38	0.41	0.29	AC 0.00	AL	83.45	FE	26.65	MG	1.90	
P2O5	0.06	0.06	0.05	BT 0.00	COLDR INDEX : 5.92						
MnO	0.01	0.01	0.01	BE 0.00	HASHIKOTO INDEX : 34.70						
S	0.00	0.00	0.00	BN 0.89							
NiO	0.00	0.00	0.00	FS 2.25							
Cr2O3	0.00	0.00	0.00	FC 0.00							
CO2	0.00	0.00	0.00	FA 0.00							
H2O+	0.00	0.00	0.00	WD 0.00							
H2O-	0.00	0.00	0.00	LN 0.00							
LOI	4.90	0.00	0.00	MT 2.19							
TOTAL	92.98	100.00	100.00	IL 0.59							
				CR 0.00							
				FM 0.00							
				AP 0.14							
				PO 0.00							
				NS 0.00							
				KS 0.00							
				RU 0.00							
				AG 0.00							
				OL 0.00							
				OPX 3.15							
				CPX 0.00							
				ABA 12.00							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, RS, RB, SG (P.P.B.)

BA 705.00:BL 20.00:BN 84.00:BO 20.00:BR 69.00:BS 251.00:BY 20.00:ZB 112.00:NB 30.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:02:44

SAMPLE ID # VB09675

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-175 FIELD NUMBER : PROJECT # 1247
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 082M05 GRID COORDINATES : E : 0.0 N : 0.0 EL : 0.0
 UTM ZONE : 33 DG : BC90-7 START DEPTH : 59.00 END DEPTH : 62.00
 SAMPLE TYPE : 0800L HOLE

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, QUARTZ PORPHYRITIC.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, MODERATE.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : C RUSSEL
 ANALYZED BY : COMENCO

DATE : 02-NOV-90
 DATE : 19-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	62.36	62.47	65.60	G	35.77	NA2O+K2O	4.36	SiO2	66.47	SUBALKALINE		
Al2O3	15.29	16.82	18.99	C	1.06	OLA	4.18	NSA	2.39	QA	93.49	SUBALKALINE
Fe2O3	2.76	2.05	1.47	OK	25.64	OPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	0.89	0.71	AB	1.53	A	53.44	F	34.77	K	9.80	THOLEITIC
CaO	5.60	6.16	6.32	AN	31.24	AL2O3	16.82	NORM PLAG	95.33			THOLEITIC
MgO	0.70	0.77	1.10	LC	0.00	AN	53.49	APA	2.62	OR	43.89	K-RICH SERIES
Na2O	0.15	0.16	0.31	NE	0.00	CR		4.73	NORM PLAG	95.33		BASALT
K2O	3.31	4.19	5.13	KP	0.00	JENSEN CALC-ALKALINE RHYOLITE						
TiO2	0.36	0.40	0.29	AC	0.00	AL	84.03	FE	11.10	MG	4.86	
P2O5	0.05	0.05	0.04	DT	0.00	COEGER INDEX : 4.71						
MnO	0.04	0.04	0.04	BE	0.00	HASHIMOTO INDEX : 43.96						
S	0.00	0.00	0.00	EN	2.20							
NiO	0.00	0.00	0.00	FS	0.00							
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O5	0.00	0.00	0.00	WD	0.00							
-20-	0.00	0.00	0.00	IN	0.00							
LOI	7.19	0.00	0.00	MT	1.39							
TOTAL	90.94	100.00	100.00	IL	0.57							
				CR	0.00							
				HM	0.55							
				AP	0.12							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RS	0.00							
				AG	0.00							
				OL	0.00							
				OPX	2.20							
				CPX	0.00							
				ABA	1.53							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, R, RU, G (P.P.B.)

BA 1270.00:CU 20.00:ZN 86.00:NI 20.00:KR 122.00:SR 200.00:Y 20.00:ZR 121.00:WB 20.00:

COMMENTS :

REPORT #2000

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 PRINTED 10-DEC-90
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SAMPLE ID # VB09798

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297546.8 N : 5689784.0 EL : 729.4
 DD# : 8090-B START DEPTH : 18.00 END DEPTH : 21.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BUBBLES, 1-5%, PYRITE.
 EDIFICATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	55.04	59.16	54.73	Q	NA2O+K2O 4.97 SiO2 59.16 SUBALKALINE
Al2O3	17.38	18.52	20.19	C	
Fe2O3	8.39	2.17	7.51	OR	DiA 33.42 NEA 16.27 QA 50.31 SUBALKALINE
FeO	0.00	6.16	4.77	AB	
CaO	0.47	0.51	0.50	AN	DPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	7.22	7.76	10.70	LC	
Na2O	1.82	1.96	3.51	NE	A 23.83 F 38.94 M 37.24 T-GLIETIC
K2O	2.80	3.01	3.56	XP	
TiO2	0.52	0.56	0.39	AC	AL2O3 18.52 NORM PLAG 50.29 CALC-ALKALINE
P2O5	0.07	0.08	0.05	UI	
MnO	0.11	0.12	0.09	DE	AN 5.39 ABA 46.99 OR 47.62 X-RICA SERIES
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	FS	CO 31.87 NORM PLAG 50.29 ANDRASEITE
CR2O3	0.00	0.00	0.00	ED	
CO2	0.00	0.00	0.00	EA	
-20+	0.00	0.00	0.00	WJ	JENSEN CALC-ALKALINE BASALT
-20-	0.00	0.00	0.00	IN	AL 53.63 FE 17.95 MG 28.42
LOI	6.57	0.00	0.00	MT	
TOTAL	93.03	100.00	100.00	IL	COLOR INDEX : 31.87
				OR	WASLONTO INDEX : 81.40
				-K	
				AP	
				PO	
				NS	
				KS	
				KU	
				AG	
				OL	
				OPX	28.83
				CPX	0.00
				ABA	17.54

TRACE ELEMENTS (P.P.M.) AS, RE, PE, PD, IR, OS, R, RO, OS (P.P.B.)

BA 590.00:CL 697.00:ZN 338.00:NI 20.00:RB 99.00:SR 70.00:Y 20.00:ZR 210.00:NB 20.00:

COMMENTS : TRACE-2% PYRITE

==== FALCON BRIDGE LTD ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:07:43

SAMPLE ID * VS09799

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297550.3 N : 5689787.0 EL : 720.3
 DD : BC90-8 START DEPTH : 28.00 END DEPTH : 31.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CORINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLOURESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SI02	59.83	63.98	60.40	Q 33.17	NA2O+K2O 3.04 SI02 63.98 SUBALKALINE
AL2O3	14.75	15.77	17.55	C 12.89	
FE2O3	8.92	2.15	7.53	OR 14.38	OL* 31.83 NE* 5.27 Q* 62.90 SUBALKALINE
FeO	0.00	6.65	5.25	AB 5.97	
CaS	0.38	0.41	0.41	AN 1.48	CPX 0.00 CI 0.00 OPX 100.00 SUBALKALINE
MgO	6.92	7.29	10.26	LC 0.00	A 16.06 F 45.38 M 38.56 IMOLETTIC
Na2O	0.61	0.65	1.19	NE 0.00	
K2O	2.33	2.33	2.88	KP 0.00	AL2O3 15.77 NORM PLAG 19.91 CALC-ALKALINE
TiO2	0.57	0.55	0.39	AC 0.00	AM 6.80 AN* 37.35 OR 65.06 X-RICH SERIES
P2O5	0.08	0.09	0.07	BI 0.00	CI 31.92 NORM PLAG 19.91 ANDESITE
MNO	0.04	0.09	0.07	FE 0.00	
S	0.00	0.00	0.00	EN 20.52	
NO2	0.00	0.00	0.00	FS 8.33	SENSEY CALC-ALKALINE BASALI
CR2O3	0.00	0.00	0.00	EQ 0.00	AL 50.06 FF 20.64 MG 39.28
CO2	0.00	0.00	0.00	FA 0.00	
+20+	0.00	0.00	0.00	WO 0.00	
+20-	0.00	0.00	0.00	LN 0.00	
LOT	6.20	0.00	0.00	MT 2.29	
TOTAL	93.54	100.00	100.00	IL 0.77	COLOR INDEX : 31.92 NAS-INDO INDEX : 90.14
				CR 0.00	
				HM 0.00	
				AP 0.18	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RS 0.00	
				AG 0.00	
				OL 0.00	
				OPX 28.86	
				CPX 0.00	
				ABA 5.97	

TRACE ELEMENTS (P.P.M.) Au, RE, PT, PA, TR, CS, Zr, Rb, Cs (P.P.B.)

BA 648.00:CU 208.00:ZM 164.00:ND 20.00:RD 65.00:SR 40.00:Y 20.00:ZR 86.00:NB 20.00:

COMMENTS : TRACES OF ALCOPYRITE

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VB09800

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-17A
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 22
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297555.8 W : 5689791.5 EL : 706.4
 DCR : 8090-8 START DEPTH : 43.50 END DEPTH : 46.50

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, STRONG.
 MINERALIZATION : STRINGERS, S-20%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	67.46	71.14	68.25	Q 46.75	NA2O+K2O 4.11 SiO2 71.14 SUBALKALINE
Al2O3	15.27	16.10	18.21	C 11.13	
Fe2O3	4.57	2.12	1.59	OR 24.74	DL* 11.39 NDA 0.74 GA 87.87 SUBALKALINE
FeO	0.00	2.43	1.95	AB 0.69	
CaO	1.00	1.05	1.06	AN 4.99	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	2.26	2.38	3.41	LC 0.00	
Na2O	0.07	0.07	0.14	NE 0.00	A 37.97 F 40.03 K 22.00 THOLEIITIC
K2O	3.33	4.04	4.95	KP 0.00	
TiO2	0.51	0.54	0.39	AC 0.00	Al2O3 16.10 NORM PLAS 87.91 THOLEIITIC
P2O5	0.06	0.06	0.05	DT 0.00	
MnO	0.05	0.05	0.04	GE 0.00	AN 16.41 ABA 2.26 OR 81.34 X-RICH SERIES
S	0.00	0.00	0.00	EN 6.82	
NiO	0.00	0.00	0.00	ES 1.68	C1 12.56 NORM PLAG 87.91 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALC-ALKALINE DACITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 71.33 FB 15.32 MG 13.35
LOI	4.67	0.00	0.00	MT 2.30	
TOTAL	94.82	100.00	100.00	IL 0.78	COLOR INDEX : 11.56 WASHINGTON INDEX : 85.06
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AS 0.00	
				OL 0.00	
				OPX 8.49	
				CPX 0.00	
				ABA 0.69	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, CR, OS, R4, RU, MO (P.P.B.)

BA 1171.00:CL 133.00:ZN 302.00:NI 20.00:RR 121.00:SR 72.00:Y 20.00:ZR 67.00:NB 30.00:

COMMENTS : LOCAL, TRACE-0.5% SPHALERITE

REPORT #2000

PAGE 1
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SAMPLE ID # VB09801

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174 FIELD NUMBER : PROJECT # 1147
 TOWNSHIP : LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 NTS : 002M05 GRID COORDINATES : E : 297559.0 N : 5689795.0 EL : 696.0
 UTM ZONE : 11 BDL : 8090-R START DEPTH : 55.00 END DEPTH : 58.00
 SAMPLE TYPE : DRILL HOLE

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH, FELDSPAR PORPHYRITIC, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, I-SZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE DATE : 01-NOV-90 ANALYTICAL
 ANALYZED BY : COMINCO DATE : 16-NOV-90 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NORMS	CLASSIFICATIONS AND INDICES
SiO2	62.20	65.72	62.29	Q 38.94	NA2O+K2O 2.77 SiO2 65.71 SUBALKALINE
Al2O3	15.50	16.35	18.27	C 14.32	
Fe2O3	7.65	2.13	2.52	OR 15.97	OIA 28.77 MEA 1.16 QA 70.07 SUBALKALINE
FeO	0.00	5.34	4.24	AB 1.26	
CaO	0.33	0.35	0.35	AM 1.27	CPX 0.00 OI 0.00 OPX 100.00 SUBALKALINE
MgO	6.26	6.60	9.33	LC 0.00	
Na2O	0.13	0.14	0.25	NE 0.00	A 76.67 F 43.64 M 39.69 THOLEIIC
K2O	2.50	2.64	3.19	KP 0.00	
TiO2	0.52	0.55	0.39	AC 0.00	AL2O3 16.35 NORM PLAG 50.26 CALC-ALKALINE
P2O5	0.07	0.07	0.06	BT 0.00	
*V2O5	0.11	0.12	0.09	BR 0.00	AN 6.80 AXA 6.80 OR 86.30 (K-RICH SERIES)
S	0.00	0.00	0.00	BN 18.66	
*F2O	0.00	0.00	0.00	FS 6.36	CF 20.08 NORM PLAG 50.26 BASALT
CR2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
*ZnO+	0.00	0.00	0.00	WG 0.00	JENSEN CALC-ALKALINE BASALT
*ZnO-	0.00	0.00	0.00	LN 0.00	AL 53.99 FE 18.44 MG 27.57
LOI	5.11	0.00	0.00	MT 2.28	
TOTAL	94.79	100.00	100.00	IL 0.78	COLOR INDEX : 28.08 HASKIMOTO INDEX : 95.01
				CR 0.00	
				WM 0.00	
				AP 0.16	
				PD 0.00	
				NS 0.00	
				IS 0.00	
				RE 0.00	
				AG 0.00	
				OL 0.00	
				OPX 35.02	
				CPX 0.00	
				ABA 1.26	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, AR, OS, RI, RU, G (P.P.B.)

BA 750.00:CL 725.00:ZN 127.00:NI 20.00:RB 76.00:SR 41.00:Y 20.00:ZK 87.00:WB 20.00:

COMMENTS : PYRITIC STRINGERS

==== F A L C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
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SAMPLE ID # VB09303

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NIS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMENCO OPTION
 GRID COORDINATES : E : 297566.9 N : 5689801.0 EL : 678.1
 00 : BC90-8 START DEPTH : 75.00 END DEPTH : 78.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASA, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMENCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATON %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	64.21	65.14	62.15	Q	30.46	NA2O+K2O	2.39	SiO2	65.14	SUBALKALINE		
Al2O3	14.77	15.72	17.68	D	12.34							
Fe2O3	8.71	2.27	1.69	OR	13.42	OLA	28.42	NEA	1.64	GA	69.94	SUBALKALINE
FeO	0.00	6.80	5.00	AB	1.77							
CaO	1.23	1.30	1.34	AN	5.76	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	5.57	5.93	8.43	LC	0.00							
Na2O	0.18	0.19	0.35	NE	0.00	A	14.37	F	50.06	M	35.57	THOLEIITIC
K2O	2.07	2.20	2.68	KP	0.00							
TiO2	0.63	0.67	0.48	AC	0.00	AL2O3	15.72	NORM	PLAG	76.47	THOLEIITIC	
P2O5	0.13	0.14	0.11	DI	0.00							
MnO	0.13	0.14	0.11	DE	0.00	AN	27.48	ABA	8.46	OR	64.06	K-RICH SERIES
S	0.00	0.00	0.00	EN	16.86							
NiO	0.00	0.00	0.00	ES	7.69							
Cr2O3	0.00	0.00	0.00	EO	0.00							
CoO	0.00	0.00	0.00	FA	0.00							
-20+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE BASALT					
-20-	0.00	0.00	0.00	LW	0.00	AL	53.00	FE	27.73	MG	35.27	
LOI	5.5	0.00	0.00	MT	2.44							
				IL	0.96							
TOTAL	93.97	100.00	100.00	ER	0.00	COLOR INDEX :	27.95					
				HM	0.00	WASHINGTON INDEX :	84.42					
				AP	0.30							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	24.55							
				CPX	0.00							
				AZA	1.77							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PB, IR, OS, R, R, -6 (P.P.B.)

BA 779.00:BL 167.00:BN 113.00:BO 34.00:BR 63.00:BS 65.00:BT 20.00:BU 118.00:BV 20.00:

COMMENTS : ARGILLACEOUS

==== P A L C O N B R I D G E J T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:11:28

SAMPLE ID # UB09804

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082N05
 UTM ZONE : 1A
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES :
 DDM : BC90-8

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 E : 297571.2 N : 5689804.5 EL : 667.3
 START DEPTH : 07.00 END DEPTH : 90.00

FIELD NAME : VOLCANICLASTIC, FELSIC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.65	64.08	60.17	0	NA2O+K2O 4.59 SiO2 64.08 SUBALKALINE
Al2O3	15.22	16.63	18.41	C	
Fe2O3	5.27	2.20	3.55	OR	OR 20.40 NA 16.54 OR 63.06 SUBALKALINE
FeO	0.00	3.31	2.52	AB	
CaO	3.47	4.23	4.25	AN	CPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MgO	3.91	4.27	5.98	LC	
Na2O	1.52	1.66	3.02	NE	A 32.68 F 36.90 M 30.42 THOLEIITIC
K2O	2.63	2.93	3.51	KP	
TiO2	0.51	0.56	0.39	AC	Al2O3 16.63 NORM PLAG 57.87 CALC-ALKALINE
P2O5	0.07	0.03	0.05	DI	
Y2O3	0.15	0.16	0.13	E	AN 30.86 ARA 23.29 OR 32.86 K-RICH SERIES
S	0.00	0.00	0.00	EN	
NiO	0.00	0.00	0.00	ES	DI 18.03 NORM PLAG 57.87 BASALT
Cr2O3	0.00	0.00	0.00	FO	
CoO	0.00	0.00	0.00	FA	
MnO+	0.00	0.00	0.00	WO	JENSEN CALC-ALKALINE ANDESITE
MnO-	0.00	0.00	0.00	LN	Al 63.52 Fe 15.85 Mg 20.63
LOI	7.56	0.00	0.00	MT	
				IL	
TOTAL	91.52	100.00	100.00	CR	COLOR INDEX : 18.03
				SH	NAS-INDEX INDEX : 55.01
				AP	
				PO	
				NS	
				KS	
				RU	
				AG	
				OL	
				DPX	14.91
				CPX	0.00
				ABA	15.12

TRACE ELEMENTS (P.P.M.) AU, RE, PC, PD, PR, OS, R, X2, G (P.P.B.)

BA 981.00:CU 20.00:ZN 42.00:NI 20.00:KR 81.00:SR 104.00:Y 20.00:ZR 94.00:NB 20.00:

COMMENTS : UP TO 5% PYRITE

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:12:15

SAMPLE ID # VB09805

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 0B2M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297577.3 N : 5689809.5 EL : 652.0
 UTM : BC90-8 START DEPTH : 104.00 END DEPTH : 107.00

FIELD NAME : VOLCANICLASTIC, FELSIC, LAPILLI, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDS, 1-5%, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	54.81	60.00	56.60	Q	25.72	NA2O+K2O	3.35	SiO2	60.00	SUBALKALINE		
Al2O3	16.21	17.74	19.73	C	8.97							
Fe2O3	7.28	2.51	7.78	OR	19.72	OLA	35.63	NEA	0.84	GA	63.54	SUBALKALINE
FeO	0.00	4.93	3.88	AB	0.70							
CaO	3.24	3.55	3.59	AN	16.68	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	6.14	6.72	9.45	LC	0.00							
Na2O	0.07	0.08	0.14	NE	0.00	A	19.43	F	41.59	M	38.98	THOLEIITIC
K2O	2.99	3.27	3.94	KP	0.00							
TiO2	0.79	0.86	0.61	AC	0.00	AL2O3	17.74	NORM	PLAG	95.97	THOLEIITIC	
P2O5	0.17	0.19	0.15	DI	0.00							
MnO	0.15	0.16	0.13	KZ	0.00	AN	44.97	ABA	1.89	OR	53.14	K-RICH SERIES
S	0.00	0.00	0.00	EN	18.90							
NiO	0.00	0.00	0.00	FS	5.01	CE	27.81	NORM	PLAG	95.97	BASALT	
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
+20+	0.00	0.00	0.00	WG	0.00	JENSEN	CALC-ALKALINE BASALT					
+20-	0.00	0.00	0.00	LM	0.00	AL	55.45	FE	17.99	MG	26.56	
LOI	6.59	0.00	0.00	MT	2.67							
				IL	1.23							
TOTAL	91.35	100.00	100.00	CR	0.00	COLOR INDEX :		27.81				
				HM	0.00	WASHINGTON INDEX :		73.39				
				AP	0.40							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	23.91							
				CPX	0.00							
				ABA	0.70							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, ER, OS, RB, RL, SG (P.P.B.)

BA 1051.00:CE 22.00:ZN 55.00:NI 20.00:RP 77.00:SR 87.00:Y 20.00:ZR 123.00:MO 20.00:

COMMENTS : WEAKLY ARGILLACEOUS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:12:57

SAMPLE ID # VR09806

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297583.2 N : 5689019.5 EL : 636.6
 DTM : 8090-8 START DEPT : 124.00 END DEPT : 124.00

PROJECT # 1047
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BT/COMINCO OPTION

FIELD NAME : VOLCANICLASTIC, FELSYC, ASH, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN
 MINERALIZATION : DISSEMINATED AND BLEBS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE BOUTE
 ANALYZED BY : DOMINCO

DATE : 03-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NDRMS	CLASSIFICATIONS AND INDICES						
SiO2	55.00	50.54	53.39	Q	13.54	NA2O+K2O	4.35	SiO2	50.54	SUBALKALINE		
Al2O3	17.02	18.12	19.47	C	8.26	Ca	32.36	NaF	32.39	Ca	45.25	SUBALKALINE
Fe2O3	6.77	2.15	1.48	DR	8.31	CPX	0.00	CL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	4.55	3.47	AB	25.88	A	23.68	F	32.30	M	46.02	TROBILITIC
CaO	2.21	2.35	2.30	AN	10.94	AL2O3	18.12	NORM	PLAG	29.72		CALC-ALKALINE
MgO	8.68	9.24	12.56	LC	0.00	AN	24.25	AK*	57.34	OR	10.41	AVERAGE SERIES
Na2O	2.75	2.93	5.18	NE	0.00	CL	32.09	NORM	PLAG	29.72		ANDESITE
K2O	1.34	1.43	1.66	KP	0.00							
TiO2	0.52	0.55	0.38	AC	0.00	JENSEN		CALC-ALKALINE	BASALT			
P2O5	0.08	0.09	0.07	DT	0.00	AL	52.06	FR	14.37	MG	33.57	
Y2O3	0.06	0.06	0.05	EB	0.00							
S	0.00	0.00	0.00	EN	25.12	COLOR INDEX :						
NiO	0.00	0.00	0.00	FS	4.80	WASHBURN INDEX :						
CR2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
P2O+	0.00	0.00	0.00	WB	0.00							
P2O-	0.00	0.00	0.00	LN	0.00							
LOI	5.98	0.00	0.00	MT	2.21							
TOTAL	98.95	100.00	100.00	IL	0.76							
				CR	0.00							
				FM	0.00							
				AP	0.18							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	29.92							
				CPX	0.00							
				AB*	25.88							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, IR, OS, Rf, RU, MO (P.P.B.)

BA 564.00:CU 20.00:ZN 23.00:NI 20.00:RR 21.00:SK 84.00:Y 20.00:ZX 97.00:NB 20.00:

COMMENTS : WEAKLY CHLORITIC/SERICITIC MATRIX

==== F A L C O N B R I D G E L I D ====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:13:40

SAMPLE ID # V609B07

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 002M05
 UTM ZONE : 13
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297589.8 N : 5689817.5 EL : 619.4
 DDM : BC90-R

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : RET/COMINCO OPTION
 START DEPTH : 140.00 END DEPTH : 143.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, AS-
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLENDED, PYRITE.
 FORMATION :

SAMPLED BY : VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.01	62.23	57.76	B 20.11	NA2O+K2O 4.17 SiO2 62.23 SUBALKALINE
Al2O3	15.09	16.19	17.71	C 4.04	
Fe2O3	6.12	2.10	3.47	OR 12.34	OLA 27.89 NaA 18.22 KA 53.09 SUBALKALINE
FeO	0.00	4.02	3.13	AB 18.82	
CaO	3.58	3.84	3.82	AN 18.61	CPX 0.00 OL 0.00 DPX 100.00 SUBALKALINE
MgO	6.35	6.81	9.42	LC 0.00	
Na2O	1.95	2.09	3.76	NE 0.00	A 24.70 F 34.97 K 40.33 THOLEIITIC
K2O	1.94	2.03	2.47	KP 0.00	
TiO2	0.46	0.49	0.34	AC 0.00	Al2O3 16.19 NORM PLAG 49.71 CALC-ALKALINE
P2O5	0.07	0.08	0.06	UI 0.00	
MnO	0.07	0.08	0.06	BE 0.00	AN 37.39 ANA 37.82 OR 24.79 Y-RICH SERIES
S	0.00	0.00	0.00	EN 18.85	
NiO	0.00	0.00	0.00	FS 4.19	CC 25.93 NORM PLAG 49.71 BASALT
Cr2O3	0.00	0.00	0.00	FC 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
-20+	0.00	0.00	0.00	WB 0.00	JENSEN CALC-ALKALINE BASALT
-20-	0.00	0.00	0.00	LN 0.00	AL 55.13 FE 15.53 MG 29.33
LOI	6.03	0.00	0.00	MT 2.20	
				IL 0.69	
TOTAL	93.22	100.00	100.00	CR 0.00	COLOR INDEX : 25.93
				HM 0.00	WASPINGTON INDEX : 59.99
				AP 0.16	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				DL 0.00	
				DPX 23.04	
				CPX 0.00	
				AB* 18.82	

TRACE ELEMENTS (P.P.M.) AS, RE, PT, PB, CR, OS, R, RU, G (P.P.B.)

BA 1097.00:BB 37.00:ZN 23.00:NI 20.00:RB 54.00:SR 123.00:Y 20.00:ZR 98.00:NB 20.00:

COMMENTS :

==== FALCON BRIDGE I.T.P. =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:14:23

SAMPLE ID # VB09808

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 0R2405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297597.6 N : 5689822.0 EL : 598.4
 DD# : BC90-8

PROJECT # 1047
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 START DEPTH : 163.00 END DEPTH : 166.00

FIELD NAME : VOLCANICLASTIC, INTERMEDIATE, ASH.
 FINAL NAME :
 ALTERATION : FRACTURE CONTROLLED, CARBONATIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLEBS, CLZ, PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDRUS WT %	NORMALIZED ANHYDRUS CATON %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	60.61	64.43	59.96	Q	24.30	NAWO+K2O	5.16	SiO2	64.43	SUBALKALINE		
Al2O3	15.72	16.71	19.33	Q	6.05	OLA	23.85	NEA	16.75	RA	60.40	SUBALKALINE
Fe2O3	4.82	2.09	1.47	OR	19.90	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
FeO	0.00	2.73	2.12	AB	16.30	A	33.48	F	29.94	M	36.58	CALC-ALKALINE
CaO	2.47	2.63	2.62	AN	12.60	AL2O3	16.71	NORM	PLAG	43.60		CALC-ALKALINE
MgO	5.30	5.63	7.81	LC	0.00	AN	25.82	ABA	33.40	ER	40.77	(-R.D.) SERIES
Na2O	1.70	1.81	3.26	NE	0.00	CE	20.69	NORM	PLAG	43.60		HIGH ALUMINA ANDESITE
K2O	3.15	3.35	3.98	KP	0.00	JENSEN		CALC-ALKALINE	ANDESITE			
TiO2	0.47	0.50	0.35	AC	0.00	AL	60.85	FE	13.21	MG	25.94	
P2O5	0.07	0.07	0.06	DI	0.00	COLOR INDEX :	20.69					
MnO	0.05	0.05	0.04	DE	0.00	BASALTIC INDEX :	66.96					
S	0.00	0.00	0.00	EN	15.63							
NiO	0.00	0.00	0.00	ES	2.16							
Cr2O3	0.00	0.00	0.00	ED	0.00							
CoO	0.00	0.00	0.00	EA	0.00							
+2B+	0.00	0.00	0.00	EO	0.00							
+2B-	0.00	0.00	0.00	EW	0.00							
LOI	5.54	0.00	0.00	EX	2.20							
TOTAL	94.07	100.00	100.00	IL	0.70							
				CR	0.00							
				HM	0.00							
				AP	0.16							
				PD	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	17.79							
				CPX	0.00							
				AB*	16.30							

TRACE ELEMENTS (P.P.M.) AL, RE, PT, PD, CR, OS, R4, RU, R6 (P.P.B.)

BA 1525.00:CL 20.00:ZN 20.00:NI 20.00:RH 86.00:SR 703.00:Y 20.00:Zr 100.00:NB 20.00:

COMMENTS : BACTIC

==== F A I C O N B R I D G E L T D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID = V809809

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297603.1 N : 5689825.0 EL : 583.2
 DBF : BC90-8 START DEPTH : 179.50 END DEPTH : 182.50

FIELD NAME : PLUTONIC, FELSIC OR LEUCOCRATIC, MEDIUM, QUARTZ PORPHYROID.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : NIL, NIL.
 FORMATION :

SAMPLED BY : M VANDE GORDE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLOURESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION X	NRMS	CLASSIFICATIONS AND INDICES							
SiO2	68.90	75.40	66.32	Q	26.84	NA2O+K2O	7.25	SiO2	75.40	SUBALKALINE		
Al2O3	15.19	5.74	17.33	C	1.32							
Fe2O3	2.58	1.79	1.25	OR	16.66	OLA	1.94	NEA	34.98	QA	63.07	SUBALKALINE
FeO	0.00	0.42	0.33	AB	40.03							
CaO	2.31	2.39	2.38	AN	11.44	CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
MgO	0.62	0.64	0.89	LD	0.00							
Na2O	4.29	4.45	8.01	NE	0.00	A	73.06	F	20.47	K	6.47	CALC-ALKALINE
K2O	2.71	2.81	3.33	KP	0.00							
TiO2	0.23	0.24	0.17	AC	0.00	AL2O3		15.74	NORM	PLAG	32.22	CALC-ALKALINE
P2O5	0.07	0.07	0.06	BE	0.00							
MnO	0.05	0.05	0.04	ME	0.00	AN	16.79	ADA	58.76	OR	24.45	AVERAGE SERIES
S	0.00	0.00	0.00	SN	1.78							
NiO	0.00	0.00	0.00	FS	0.00							
Cr2O3	0.00	0.00	0.00	FO	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
B2O3	0.00	0.00	0.00	WO	0.00	JENSEN						
P2O-	0.00	0.00	0.00	LN	0.00	AL	86.56	FE	8.97	MG	4.47	CALC-ALKALINE RHYOLITE
LOI	3.21	0.00	0.00	MT	0.60							
				IL	0.33							
TOTAL	96.50	100.00	100.00	CR	0.00	COLOR INDEX :						
				WK	0.85	WASHINGTON INDEX :						
				AP	0.15							
				PO	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	1.78							
				CPX	0.00							
				AB*	40.03							

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PO, IR, OS, RH, RU, PG (P.P.B.)

BA 1529.00:EU 20.00:ZN 20.00:NI 20.00:RB 127.00:SR 525.00:Y 20.00:ZR 132.00:MO 22.00:

COMMENTS :

==== F A L C O N B R I D G E L I D =====
 === EXPLORATION DIVISION ===

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:15:50

SAMPLE ID # VB09810

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : RET/COMING OPTION
 GRID COORDINATES : E : 297607.5 N : 5689028.0 HL : 570.8
 DON : BC90-R START DEPTH : 193.00 END DEPTH : 196.00

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NIL.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINGO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.20	62.40	57.91	Q 16.33	NA2O+K2O 5.59 SiO2 62.40 SUBALKALINE
Al2O3	16.14	17.28	18.90	C 1.81	
Fe2O3	5.76	2.11	3.47	OR 14.09	GLA 18.28 NA 28.99 QA 52.73 SUBALKALINE
FeO	0.00	3.65	3.83	AB 28.90	
CaO	4.07	4.36	4.33	AN 21.25	CPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	3.71	3.97	5.40	LD 0.00	
Na2O	3.00	3.23	5.78	ME 0.00	A 36.99 F 36.72 X 26.29 THOLEIITIC
K2O	2.33	2.33	2.82	KP 0.00	
TiO2	0.47	0.50	0.35	AC 0.00	AL2O3 17.28 NORM PLAG 42.37 CALC-ALKALINE
P2O5	0.06	0.06	0.05	DI 0.00	
MnO	0.06	0.06	0.05	ME 0.00	AR 33.08 ABA 44.99 CR 21.93 AVERAGE SERIES
S	0.00	0.00	0.00	EN 10.99	
NiO	0.00	0.00	0.00	FS 3.59	CS 17.49 NORM PLAG 42.37 ANDESITE
Cr2O3	0.00	0.00	0.00	FD 0.00	
CO2	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WB 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN 0.00	AL 64.95 FE 16.18 MG 18.86
LOI	5.81	0.00	0.00	MT 2.21	
TOTAL	93.39	100.00	100.00	IL 0.70	COLOR INDEX : 17.49 WASHINGTON INDEX : 45.62
				CR 0.00	
				HM 0.00	
				AP 0.13	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 14.58	
				CPX 0.00	
				ABA 28.90	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PB,CR,US,RS,RU,SG (P.P.B.)

BA 684.00:CU 20.00:ZN 31.00:NI 20.00:RB 75.00:SR 143.00:Y 20.00:ZR 98.00:KB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:16:32

SAMPLE ID # VB09811

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082405
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTION
 GRID COORDINATES : E : 297613.6 N : 5689831.5 EL : 553.1
 DEM : 4090-B START DEPTH : 2.2.00 END DEPTH : 215.00

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NPL.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : COMINCO

DATE : 07-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	59.37	63.99	60.16	Q	NA2O+K2O 4.58 SiO2 63.99 SUBALKALINE
Al2O3	19.05	16.22	17.98	C	
Fe2O3	5.66	2.09	3.48	DR	OL* 18.11 NE* 20.85 Q* 61.04 SUBALKALINE
FeO	0.00	3.61	2.84	AB	
CaO	5.12	5.52	5.56	AN	CPX 0.00 OL 0.00 OPX 700.00 SUBALKALINE
MgO	3.32	3.36	4.71	LC	
Na2O	1.92	2.07	3.77	NE	A 34.10 F 40.86 M 25.03 THOLEIIC
K2O	2.37	2.51	3.02	KP	
TiO2	0.44	0.47	0.34	AC	AL2O3 16.22 NORM PLAG 59.20 THOLEIIC
P2O5	0.06	0.06	0.05	BT	
MnO	0.09	0.10	0.08	BE	AN 44.64 AB* 30.76 DR 24.59 K-RICH SERIES
S	0.00	0.00	0.00	EM	
NiO	0.00	0.00	0.00	FS	CL 16.00 NORM PLAG 59.20 BASALT
CR2O3	0.00	0.00	0.00	FO	
CO2	0.00	0.00	0.00	FA	
H2O+	0.00	0.00	0.00	WD	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LN	AL 65.57 FE 17.25 MG 17.19
LOI	6.41	0.00	0.00	MT	
TOTAL	92.79	100.00	100.00	IL	COLOR INDEX : 16.00 MASHIMOTO INDEX : 43.63
				CR	
				AM	
				AP	
				PO	
				NS	
				KS	
				RL	
				AG	
				OL	
				OPX	13.10
				CPX	0.00
				AB*	18.86

TRACE ELEMENTS (P.P.M.) AL,RE,PT,FO,CR,OS,RH,RU,SG (P.P.B.)

BA 556.00:CL 20.00:ZN 20.00:NI 20.00:BR 58.00:SR 146.00:Y 20.00:ZR 102.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
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SAMPLE ID # VB09812

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BBT/COMINCO OPTION
 GRID COORDINATES : E : 297616.0 N : 5689853.5 EL : 545.7
 DOW : BC90-B START DEPTH : 220.00 END DEPTH : 223.00

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 MINERALIZATION : NPL.
 FORMATION :

SAMPLED BY : M VANDE GUC TE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS	CLASSIFICATIONS AND INDICES						
SiO2	56.81	62.46	59.06	Q	21.64	NA2O+K2O	4.40	SiO2	62.46	SUBALKALINE		
Al2O3	15.30	16.82	18.75	C	0.00							
Fe2O3	5.67	3.23	1.52	OR	20.12	Ca*	21.90	Na*	13.22	GA*	64.80	SUBALKALINE
FeO	0.00	3.69	2.92	AB	9.78							
CaO	5.92	6.51	6.59	AN	31.93	CPX	3.63	OL	0.00	OPX	96.39	SUBALKALINE
MgO	3.03	3.33	4.69	LC	0.00							
Na2O	0.97	1.07	1.96	NE	0.00	A	32.97	F	42.05	M	24.90	THOLEIITIC
K2O	3.03	3.33	4.02	KP	0.00							
TiO2	0.44	0.48	0.34	AC	0.00	Al2O3	16.82	NORM	PLAG	76.56		THOLEIITIC
P2O5	0.06	0.07	0.05	DI	0.34							
MnO	0.10	0.11	0.09	ME	0.14	AN	51.65	ABA	15.81	OR	32.54	X-RICH SERIES
S	0.00	0.00	0.00	EN	9.22							
NiO	0.00	0.00	0.00	FS	3.74							
Cr2O3	0.00	0.00	0.00	EQ	0.00							
CO2	0.00	0.00	0.00	FA	0.00							
H2O+	0.00	0.00	0.00	WD	0.00	JENSEN	CALC-ALKALINE ANDESITE					
H2O-	0.00	0.00	0.00	LN	0.00	AL	66.22	PK	17.19	MG	16.53	
LOI	7.69	0.00	0.00	MT	2.28							
				TL	0.69							
TOTAL	90.96	100.00	100.00	CR	0.00	COLOR INDEX :	16.40					
				FM	0.00	WASHINGTON INDEX :	46.80					
				AP	0.14							
				PQ	0.00							
				NS	0.00							
				KS	0.00							
				RU	0.00							
				AG	0.00							
				OL	0.00							
				OPX	12.95							
				CPX	0.48							
				ABA	9.78							

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PL,SR,OS,RR,RU,-G (P.P.B.)

BA 704.00:CL 20.00:ZN 30.00:NI 20.00:BR 76.00:SR 154.00:Y 20.00:ZR 68.00:NR 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:17:55

SAMPLE ID : VB09813

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BEI/COMINCO OPTION
 GRID COORDINATES : E : 297621.3 N : 5689836.5 EL : 529.8
 DBA : BC90-8 START DEPTH : 337.00 END DEPTH : 240.00

FIELD NAME : OTHER.
 FINAL NAME :
 ALTERATION : PERVASIVE ,SERICITIZATION,WEAK.
 GENERALIZATION : MEL.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : CORINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	57.74	63.43	60.30	Q 24.14	NA2O+K2O 4.00 SiO2 63.43 SUBALKALINE
Al2O3	14.06	15.77	17.68	C 0.00	
Fe2O3	6.06	3.23	1.51	OK 17.54	CL 16.70 Na 13.97 Ca 69.32 SUBALKALINE
FeO	0.00	1.21	0.37	AR 10.33	
CaO	6.56	7.21	7.34	AN 30.26	OPX 32.70 OL 0.00 OPX 67.29 SUBALKALINE
MgO	2.49	2.74	3.88	LD 0.00	
Na2O	1.02	1.13	2.07	NE 0.00	A 31.44 F 47.12 M 21.45 THOLEIITIC
K2O	2.63	2.89	3.51	KP 0.00	AL2O3 15.77 NORM PLAG 74.56 THOLEIITIC
TiO2	0.42	0.46	0.39	AC 0.00	
P2O5	0.06	0.07	0.05	DT 3.03	
MnO	0.09	0.10	0.01	HE 1.77	AN 52.06 AB* 17.77 OR 30.18 (RICH) SERIES
S	0.00	0.00	0.00	EN 6.24	
As	0.00	0.00	0.00	FS 3.64	CL 17.60 NORM PLAG 74.56 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
Co	0.00	0.00	0.00	FA 0.00	
H2O+	0.00	0.00	0.00	WB 0.00	JENSEN CALC-ALKALINE ANDESITE
H2O-	0.00	0.00	0.00	LW 0.00	AL 66.11 FR 19.40 MG 14.49
LOI	6.35	0.00	0.00	MT 2.26	
TOTAL	91.03	100.00	100.00	IL 0.66	COLOR INDEX : 17.60 HASHIMOTO INDEX : 40.31
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RJ 0.00	
				AG 0.00	
				OL 0.00	
				OPX 9.88	
				CPX 4.80	
				AB* 10.33	

TRACE ELEMENTS (P.P.M.) AU,RE,PT,PD,TK,US,RS,RJ,HG (P.P.B.)

Ba 80.00:CL 20.00:ZN 20.00:NI 20.00:RH 71.00:SK 157.00:Y 20.00:ZR 77.00:NB 20.00:

COMMENTS :

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:18:36

SAMPLE ID # V809814

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 032M05
 UTM ZONE : 11
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER :
 LOT : 0 CONCESSION :
 GRID COORDINATES : E : 297625.6 N : 5689839.5 RL : 516.7
 DOR : BC90-R START DEPTH : 251.00 END DEPTH : 254.00

PROJECT # 1147
 PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINDO OPTION

FIELD NAME : VOLCANICLASTIC,FELSIC,ASH,LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : UNKNOWN.
 MINERALIZATION : DISSEMINATED AND BLENDS, <1% PYRITE.
 FORMATION :

SAMPLED BY : M VANDE GUCHTE
 ANALYZED BY : DOMINCO

DATE : 05-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %	NORMS	CLASSIFICATIONS AND INDICES
SiO2	58.74	64.56	65.06	Q 29.92	NA20+K20 3.33 SiO2 64.56 SUBALKALINE
Al2O3	14.49	15.93	17.75	C 4.84	
Fe2O3	5.84	2.12	1.51	OR 16.66	OL* 26.25 NEA 5.81 OA* 67.94 SUBALKALINE
FeO	0.00	3.87	3.06	AB 5.24	
CaO	3.91	4.30	4.35	AM 21.33	OPX 0.00 OL 0.00 OPX 100.00 SUBALKALINE
MgO	4.80	5.28	7.44	LC 0.00	
Na2O	0.52	0.57	1.05	NE 0.00	A 23.16 F 40.16 M 36.60 THOLEIITIC
K2O	3.51	3.76	3.33	KP 0.00	
TiO2	0.43	0.47	0.34	AC 0.00	AL2O3 15.93 NORM PLAG 80.28 THOLEIITIC
P2O5	0.06	0.07	0.05	OT 0.00	
MnO	0.07	0.08	0.06	FE 0.00	AN 49.34 ASA 12.12 OR 39.54 K-RIG. SERIES
S	0.00	0.00	0.00	EN 14.87	
NiO	0.00	0.00	0.00	FS 4.06	CE 21.87 NORM PLAG 80.20 BASALT
Cr2O3	0.00	0.00	0.00	FO 0.00	
CoO	0.00	0.00	0.00	FA 0.00	
M2O+	0.00	0.00	0.00	WO 0.00	JENSEN CALD-ALKALINE BASALT
M2O-	0.00	0.00	0.00	LN 0.00	AL 58.87 FE 16.47 MG 24.66
LOI	7.38	0.00	0.00	MT 3.26	
TOTAL	90.98	100.00	100.00	TL 0.67	COLOR INDEX : 21.87 HASHIMOTO INDEX : 62.27
				CR 0.00	
				HM 0.00	
				AP 0.14	
				PO 0.00	
				NS 0.00	
				KS 0.00	
				RU 0.00	
				AG 0.00	
				OL 0.00	
				OPX 13.93	
				CPX 0.00	
				ABA 5.24	

TRACE ELEMENTS (P.P.M.) AU, RE, PT, PD, ER, OS, Rb, Rb, Rb (P.P.B.)

BA 457.00:EU 20.00:ZN 34.00:NI 20.00:RR 72.00:SR 116.00:Y 20.00:ZR 97.00:NB 20.00:

COMMENTS : ARGILLACEOUS

REPORT #2000

PAGE 1
 PRINTED 10-DEC-90
 11:19:18

SAMPLE ID # VB09815

WHOLE ROCK GEOCHEMICAL ANALYSIS

LAB REPORT # X90-174
 TOWNSHIP :
 NTS : 082405
 UGM ZONE : 51
 SAMPLE TYPE : DRILL HOLE

FIELD NUMBER : PROJECT # 1147
 LOT : 0 CONCESSION : PROVINCE : BRITISH COLUMBIA
 PROJECT : BET/COMINCO OPTEDM
 GRID COORDINATES : E : 297633.9 N : 5689845.0 EL : 490.0
 DDM : BC90-8 START DEPTH : 279.50 END DEPTH : 282.50

FIELD NAME : VOLCANICLASTIC, FELSIC, AS-, LOOK AT COMMENTS FILE.
 FINAL NAME :
 ALTERATION : PERVASIVE, SERICITIZATION, WEAK.
 MINERALIZATION : DISSEMINATED AND BLESS, 1-5%, PYRITES.
 FORMATION :

SAMPLED BY : M VANDE GLEPTE
 ANALYZED BY : COMINCO

DATE : 01-NOV-90
 DATE : 16-NOV-90

ANALYTICAL
 TECHNIQUE : X-RAY FLUORESCENCE

	WT %	NORMALIZED ANHYDROUS WT %	NORMALIZED ANHYDROUS CATION %		NORMS
SiO2	56.56	61.50	57.16	Q	28.86
Al2O3	16.52	18.07	19.80	C	12.90
Fe2O3	5.90	2.31	1.61	OR	12.26
FeO	0.00	3.70	2.87	AB	5.49
CaO	2.64	1.78	1.78	AN	8.38
MgO	8.38	9.11	12.62	LC	0.00
Na2O	0.56	0.61	1.10	NE	0.00
K2O	1.90	2.07	2.45	KP	0.00
TiO2	0.62	0.67	0.47	AC	0.00
P2O5	0.07	0.09	0.06	DT	0.00
MnO	0.09	0.10	0.08	FE	0.00
S	0.00	0.00	0.00	EN	25.24
NiO	0.00	0.00	0.00	FS	3.35
Cr2O3	0.00	0.00	0.00	ED	0.00
Co2	0.00	0.00	0.00	FA	0.00
~20+	0.00	0.00	0.00	WB	0.00
~20-	0.00	0.00	0.00	LN	0.00
LOI	7.23	0.00	0.00	MT	2.42
TOTAL	91.96	100.00	100.00	IL	0.94
				CR	0.00
				FM	0.00
				AP	0.16
				PO	0.00
				NS	0.00
				CS	0.00
				RS	0.00
				AG	0.00
				OL	0.00
				OPX	28.59
				CPX	0.00
				ABA	5.49

CLASSIFICATIONS AND INDICES

NA2O+K2O	2.68	SiO2	61.50	SUBALKALINE		
CaO	34.07	NEA	5.23	GA	60.70	SUBALKALINE
CPX	0.00	OL	0.00	OPX	100.00	SUBALKALINE
A	15.23	F	32.87	N	50.49	X-DIENITIC
Al2O3	18.07	NORM	PLAG	60.43	CALC-ALKALINE	
AN	32.07	ABA	21.00	GR	46.98	(-RICH SPRES
CI	31.95	NORM	PLAG	60.43	BASALT	
JENSEN	CALC-ALKALINE	BASALT				
AI	52.26	FE	13.44	RG	33.70	

COLOR INDEX : 31.95
 FASHENDTG INDEX : 82.37

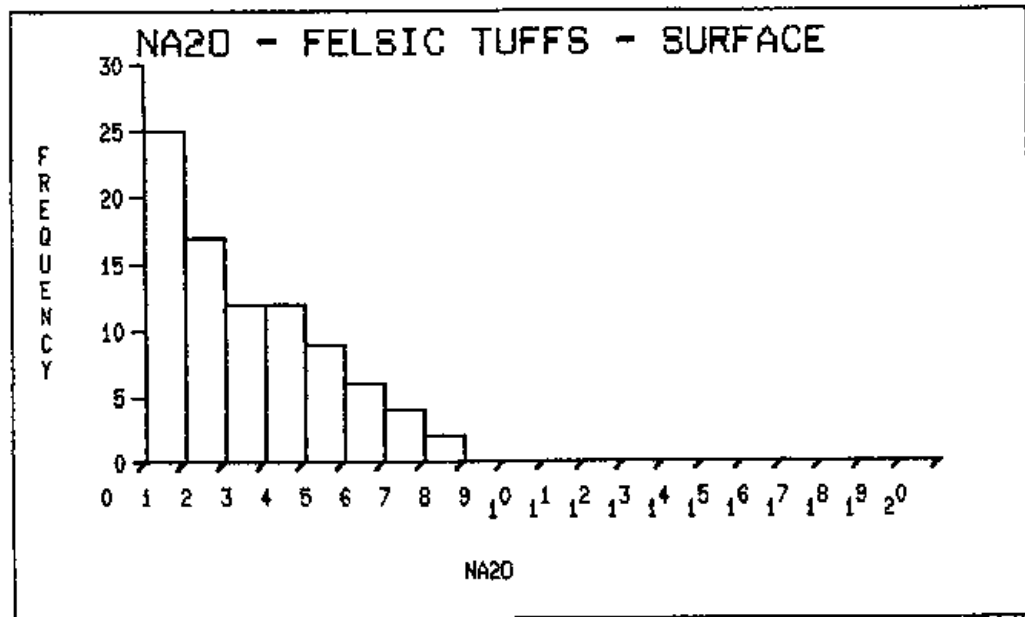
TRADE ELEMENTS (P.P.M.) AL, RE, PT, PD, (R, OS, R-, RU, G (P.P.B.)

BA	344.00:CL	20.00:2X	30.00:1A	20.00:33	64.00:5R	300.00:Y	20.00:2R	110.00:NB	29.00:
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COMMENTS : ARGILLACEOUS

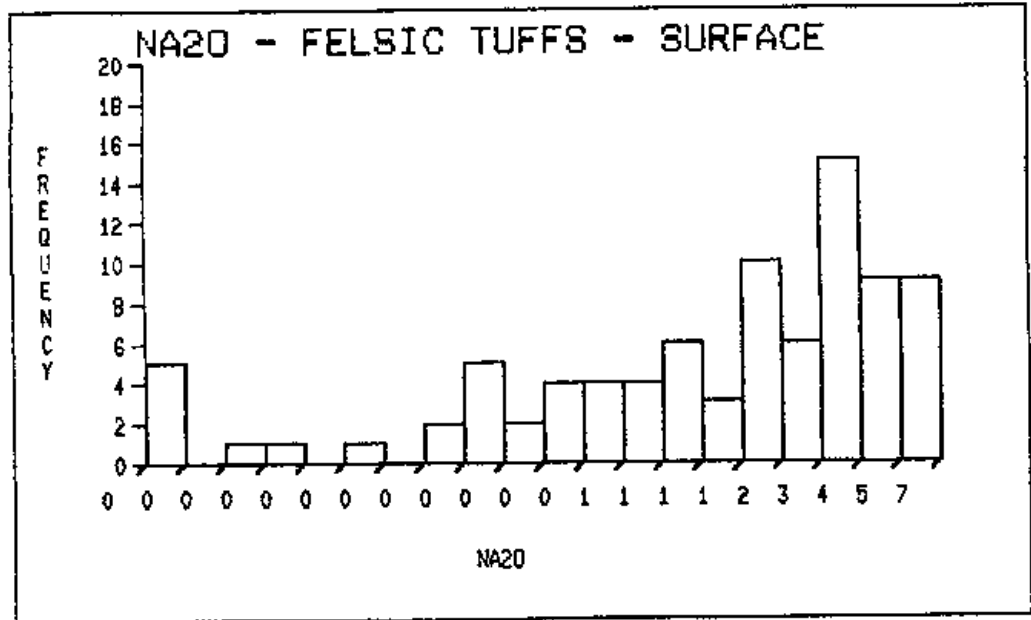
NA2O - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES	:	87
MINIMUM	:	0.0
MAXIMUM	:	7.2
MEAN	:	2.1
STANDARD DEVIATION	:	1.9
MEAN - 1 STD. DEV.	:	0.2
MEAN + 1 STD. DEV.	:	4.0
MEAN + 2 STD. DEV.	:	6.0
MEDIAN	:	1.5
MODE	:	0.0
SKENNESS	:	0.9
KURTOSIS	:	2.6
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.0



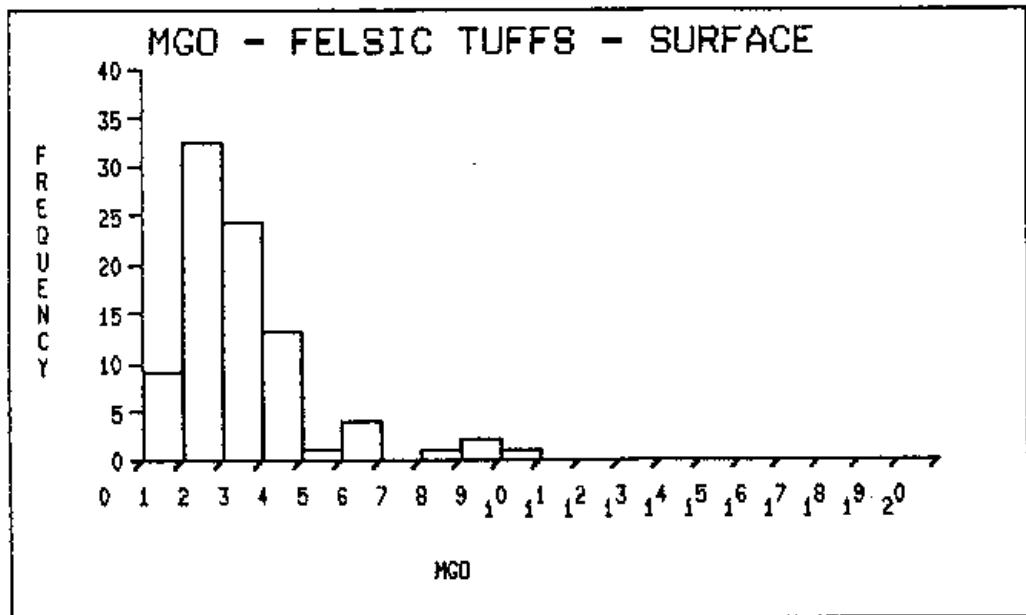
NA2O - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	0.0
MAXIMUM :	7.2
MEAN :	2.1
STANDARD DEVIATION :	1.9
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	4.0
MEAN + 2 STD. DEV. :	6.0
MEDIAN :	1.5
MODE :	0.0
SKEWNESS :	0.9
KURTOSIS :	2.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



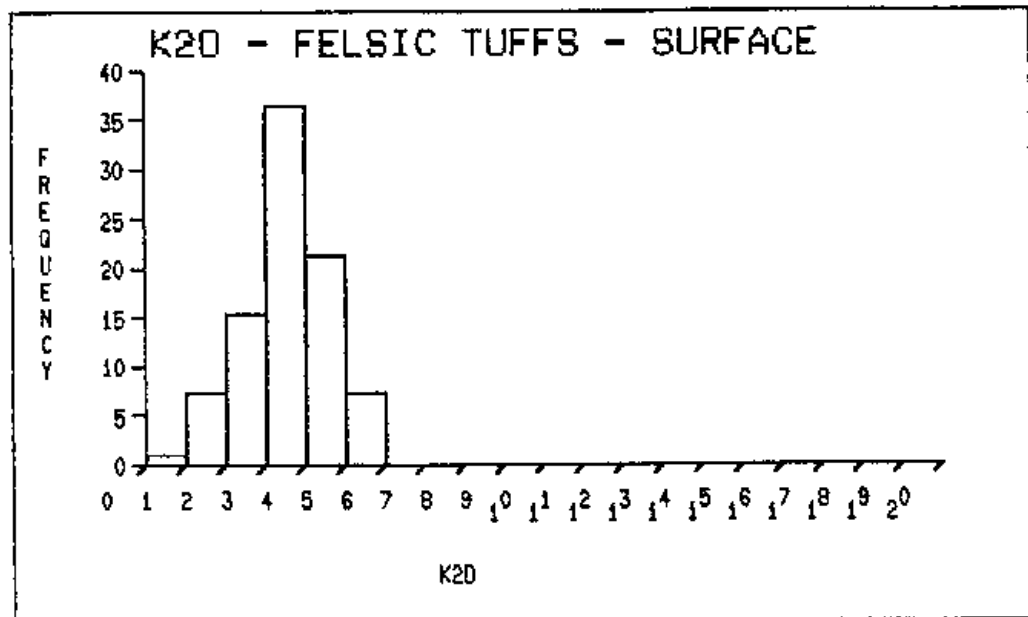
MGO - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	0.1
MAXIMUM :	9.3
MEAN :	2.0
STANDARD DEVIATION :	1.8
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	3.8
MEAN + 2 STD. DEV. :	5.5
MEDIAN :	1.6
MODE :	1.2
SKENNESS :	0.7
KURTOSIS :	8.0
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



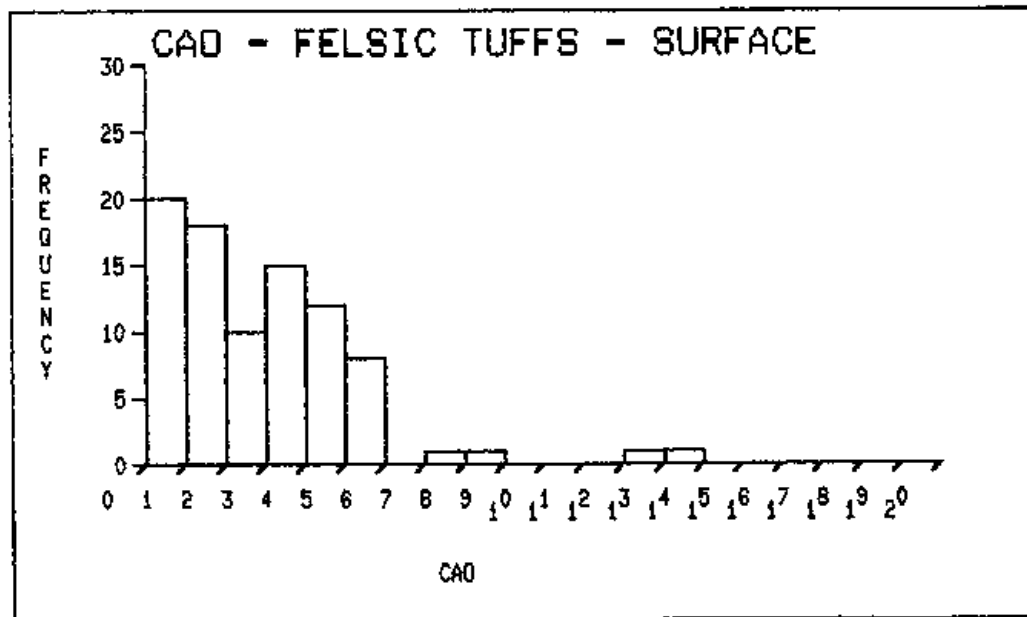
K20 - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	0.0
MAXIMUM :	5.4
MEAN :	3.0
STANDARD DEVIATION :	1.1
MEAN - 1 STD. DEV. :	2.0
MEAN + 1 STD. DEV. :	4.1
MEAN + 2 STD. DEV. :	5.2
MEDIAN :	3.1
MODE :	2.5
SKENNESS :	0.0
KURTOSIS :	2.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



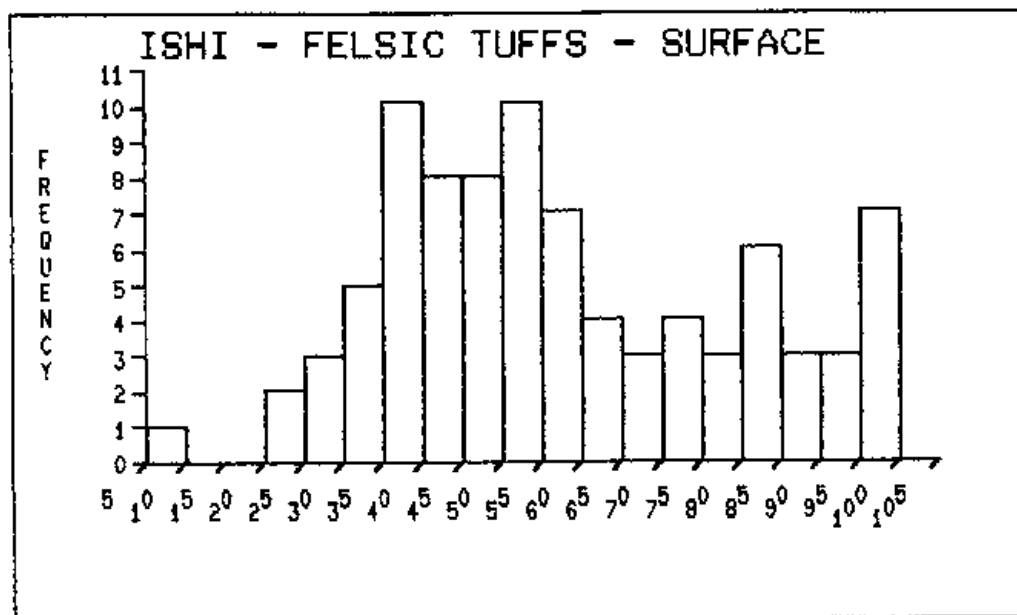
CAO - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	0.0
MAXIMUM :	12.6
MEAN :	2.5
STANDARD DEVIATION :	2.3
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	4.8
MEAN + 2 STD. DEV. :	7.1
MEDIAN :	1.9
MODE :	0.2
SKEWNESS :	0.7
KURTOSIS :	8.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



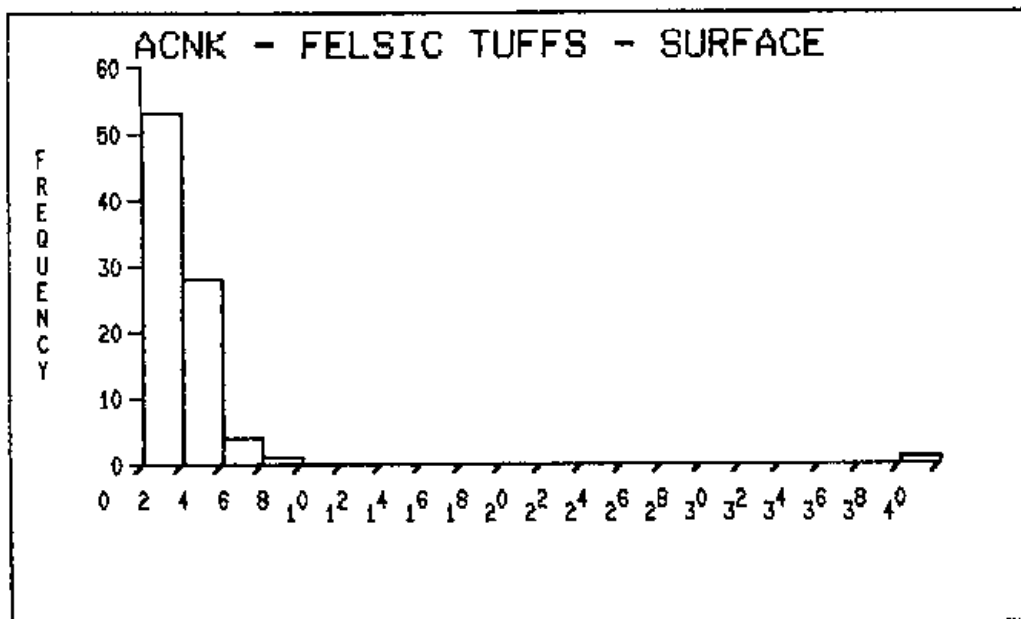
ISHI - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	4.9
MAXIMUM :	97.9
MEAN :	56.8
STANDARD DEVIATION :	21.9
MEAN - 1 STD. DEV. :	34.9
MEAN + 1 STD. DEV. :	78.7
MEAN + 2 STD. DEV. :	100.6
MEDIAN :	51.6
MODE :	32.0
SKEWNESS :	0.7
KURTOSIS :	2.2
NUMBER OF CLASSES :	20
CLASS INTERVAL :	5.0



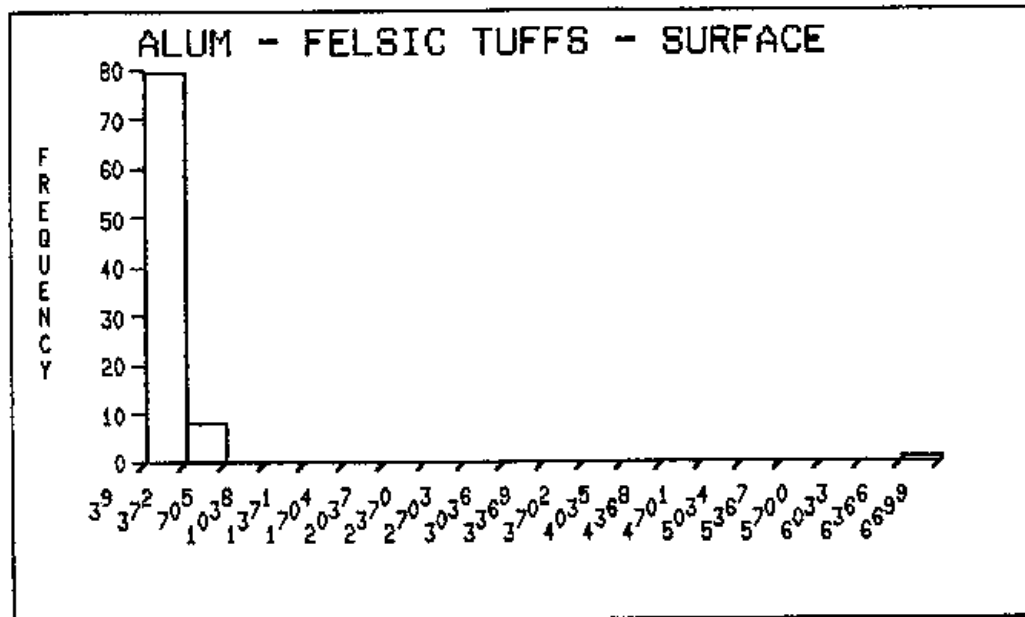
ACNK - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	0.2
MAXIMUM :	38.3
MEAN :	2.1
STANDARD DEVIATION :	4.0
MEAN - 1 STD. DEV. :	-1.9
MEAN + 1 STD. DEV. :	6.2
MEAN + 2 STD. DEV. :	10.2
MEDIAN :	1.3
MODE :	1.3
SKEWNESS :	0.6
KURTOSIS :	75.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	2.0



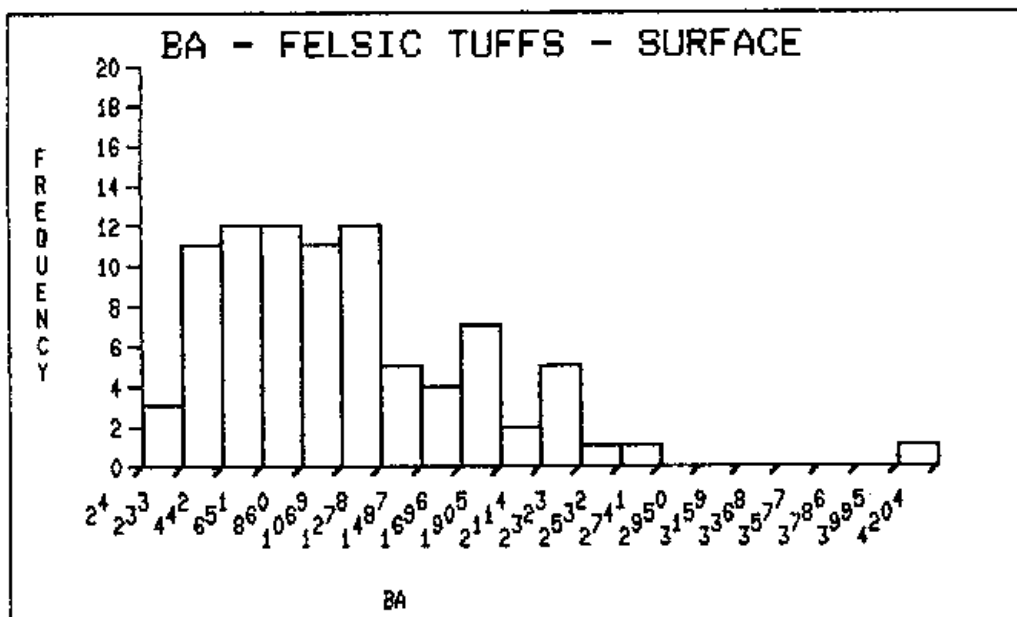
ALUM - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	39.2
MAXIMUM :	6690.9
MEAN :	307.3
STANDARD DEVIATION :	696.6
MEAN - 1 STD. DEV. :	-389.3
MEAN + 1 STD. DEV. :	1004.0
MEAN + 2 STD. DEV. :	1700.6
MEDIAN :	196.8
MODE :	178.1
SKENNESS :	0.5
KURTOSIS :	81.0
NUMBER OF CLASSES :	20
CLASS INTERVAL :	333.0



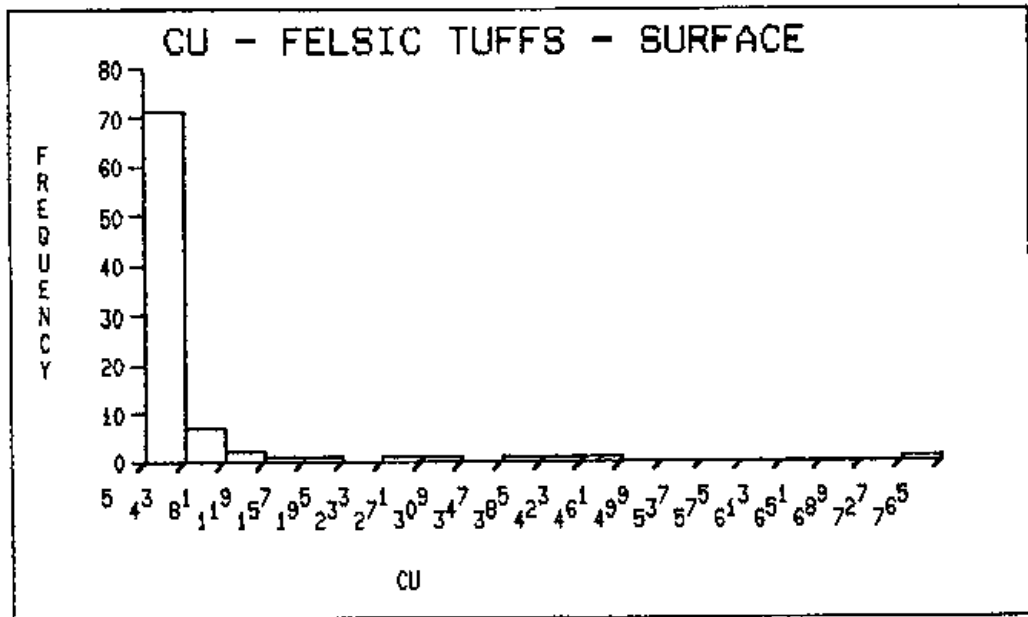
BA - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	24.0
MAXIMUM :	4186.0
MEAN :	1097.5
STANDARD DEVIATION :	674.0
MEAN - 1 STD. DEV. :	423.5
MEAN + 1 STD. DEV. :	1771.5
MEAN + 2 STD. DEV. :	2445.5
MEDIAN :	972.0
MODE :	338.0
SKEWNESS :	0.6
KURTOSIS :	6.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	209.0



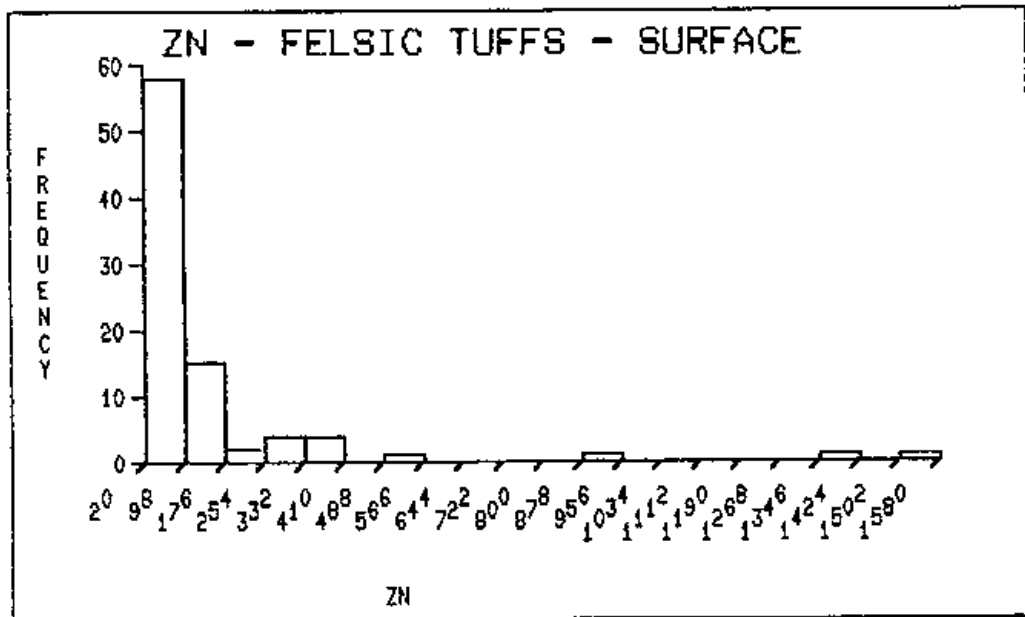
CU - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	5.0
MAXIMUM :	751.0
MEAN :	57.7
STANDARD DEVIATION :	108.5
MEAN - 1 STD. DEV. :	-50.8
MEAN + 1 STD. DEV. :	166.3
MEAN + 2 STD. DEV. :	274.8
MEDIAN :	20.0
MODE :	20.0
SKEWNESS :	1.0
KURTOSIS :	22.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	38.0



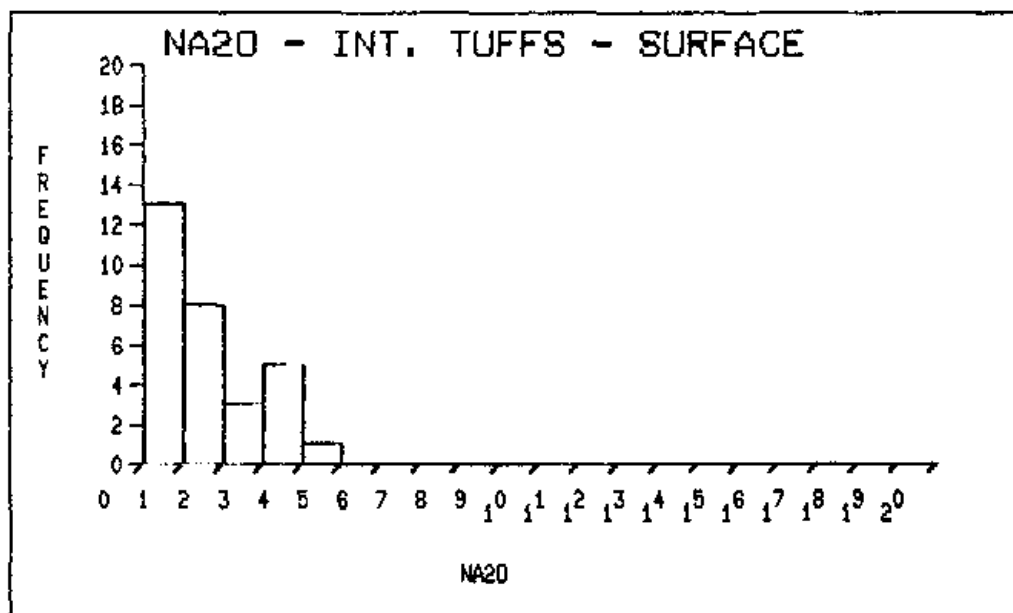
ZN - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	20.0
MAXIMUM :	1570.0
MEAN :	143.8
STANDARD DEVIATION :	244.0
MEAN - 1 STD. DEV. :	-100.2
MEAN + 1 STD. DEV. :	387.8
MEAN + 2 STD. DEV. :	631.9
MEDIAN :	68.0
MODE :	20.0
SKEWNESS :	0.9
KURTOSIS :	22.8
NUMBER OF CLASSES :	20
CLASS INTERVAL :	78.0



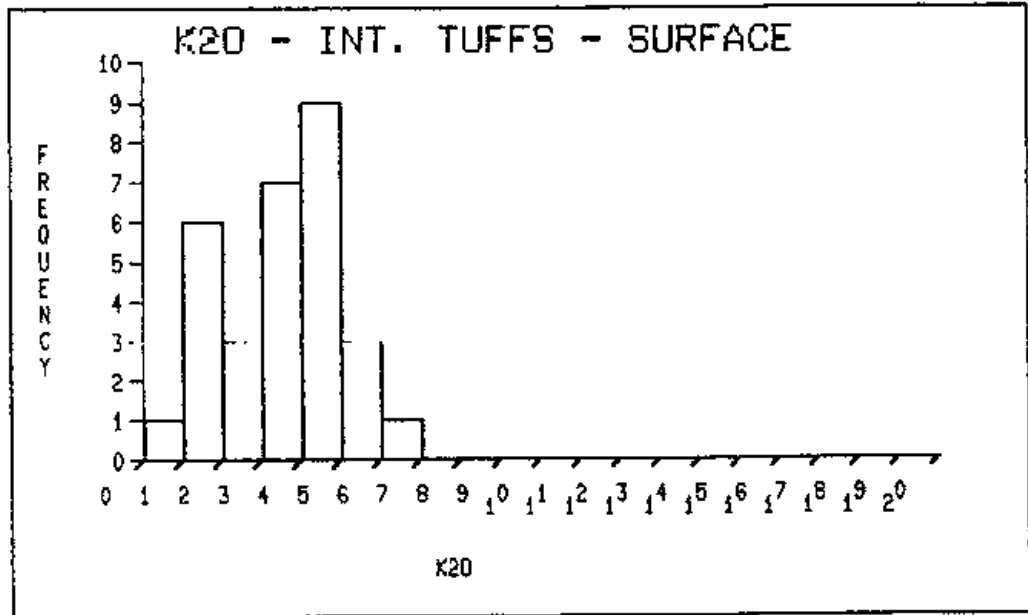
NA2O - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	0.0
MAXIMUM :	3.7
MEAN :	1.1
STANDARD DEVIATION :	1.2
MEAN - 1 STD. DEV. :	-0.1
MEAN + 1 STD. DEV. :	2.3
MEAN + 2 STD. DEV. :	3.5
MEDIAN :	0.6
MODE :	0.0
SKENNESS :	1.3
KURTOSIS :	2.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



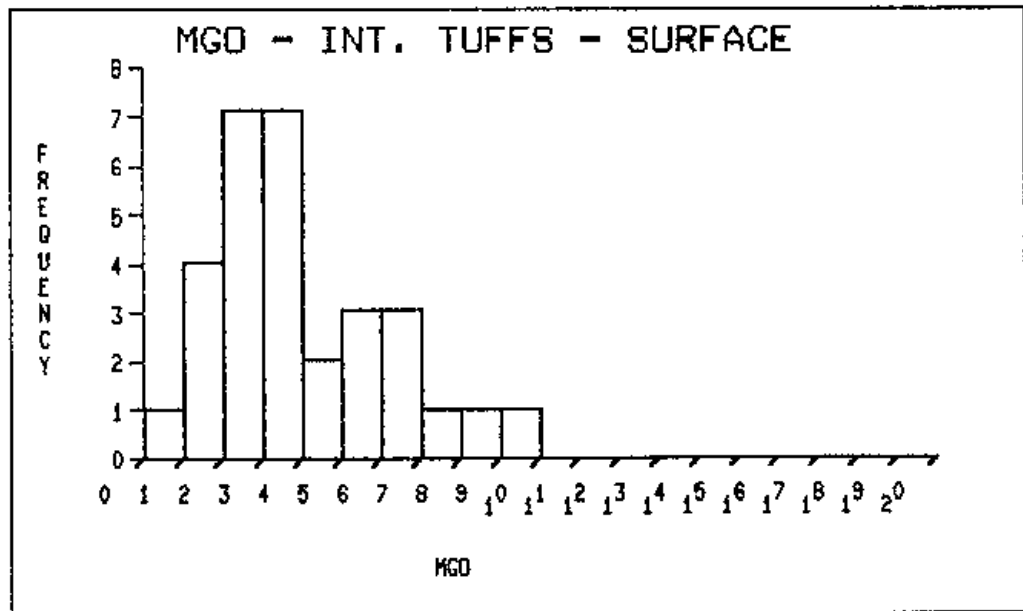
K20 - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	0.1
MAXIMUM :	6.3
MEAN :	3.1
STANDARD DEVIATION :	1.5
MEAN - 1 STD. DEV. :	1.6
MEAN + 1 STD. DEV. :	4.6
MEAN + 2 STD. DEV. :	6.1
MEDIAN :	3.3
MODE :	0.1
SKEWNESS :	-0.4
KURTOSIS :	2.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



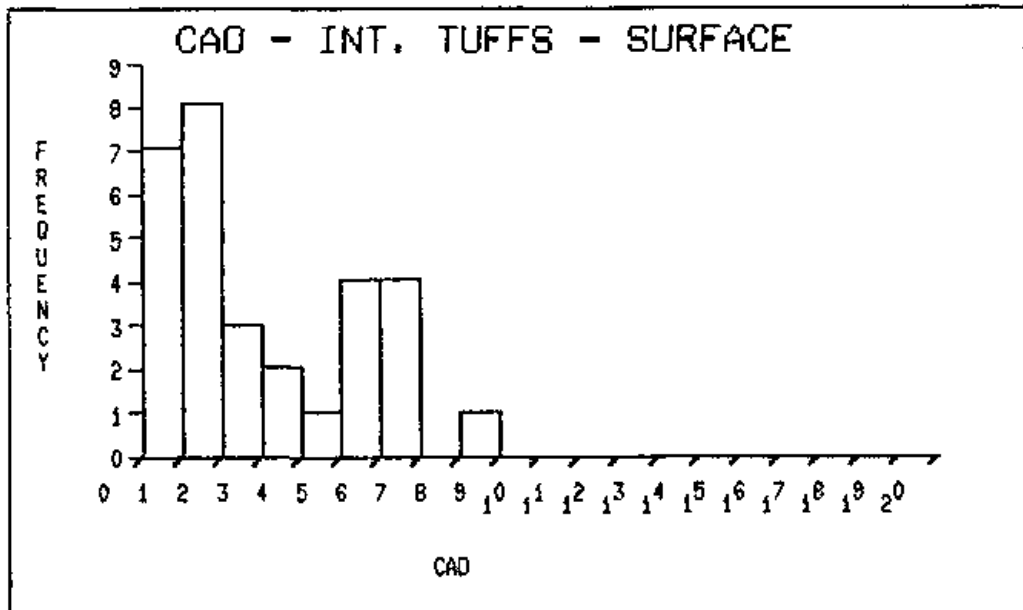
MGO - INT. TUFFS - SURFACE

NUMBER OF SAMPLES	:	30
MINIMUM	:	0.3
MAXIMUM	:	9.1
MEAN	:	3.5
STANDARD DEVIATION	:	2.2
MEAN - 1 STD. DEV.	:	1.3
MEAN + 1 STD. DEV.	:	5.6
MEAN + 2 STD. DEV.	:	7.8
MEDIAN	:	2.9
MODE	:	0.3
SKENNESS	:	0.6
KURTOSIS	:	3.0
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.0



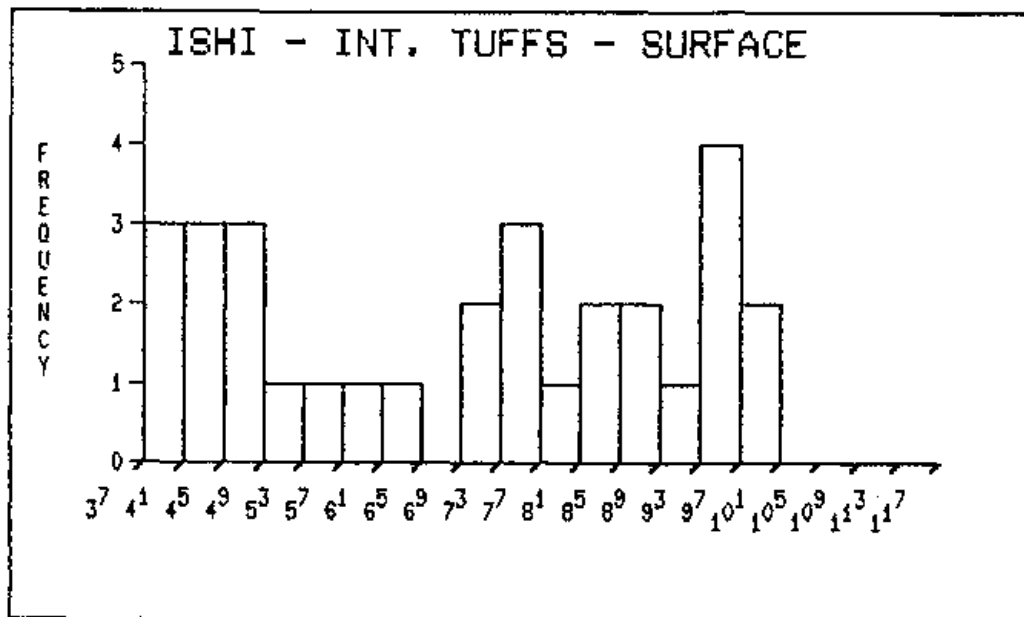
CAD - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	0.0
MAXIMUM :	8.4
MEAN :	2.6
STANDARD DEVIATION :	2.4
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	5.0
MEAN - 2 STD. DEV. :	7.3
MEDIAN :	1.6
MODE :	0.1
SKEWNESS :	1.2
KURTOSIS :	2.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



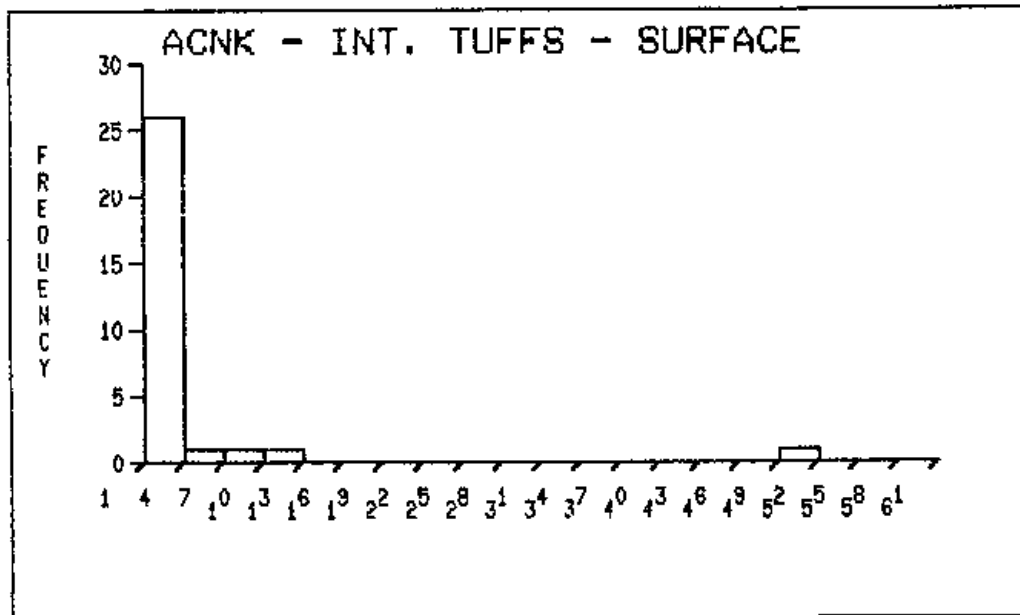
ISHI - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	37.0
MAXIMUM :	97.9
MEAN :	68.5
STANDARD DEVIATION :	20.8
MEAN - 1 STD. DEV. :	47.6
MEAN + 1 STD. DEV. :	89.3
MEAN - 2 STD. DEV. :	110.1
MEDIAN :	72.2
MODE :	37.0
SKEWNESS :	-0.5
KURTOSIS :	1.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	4.0



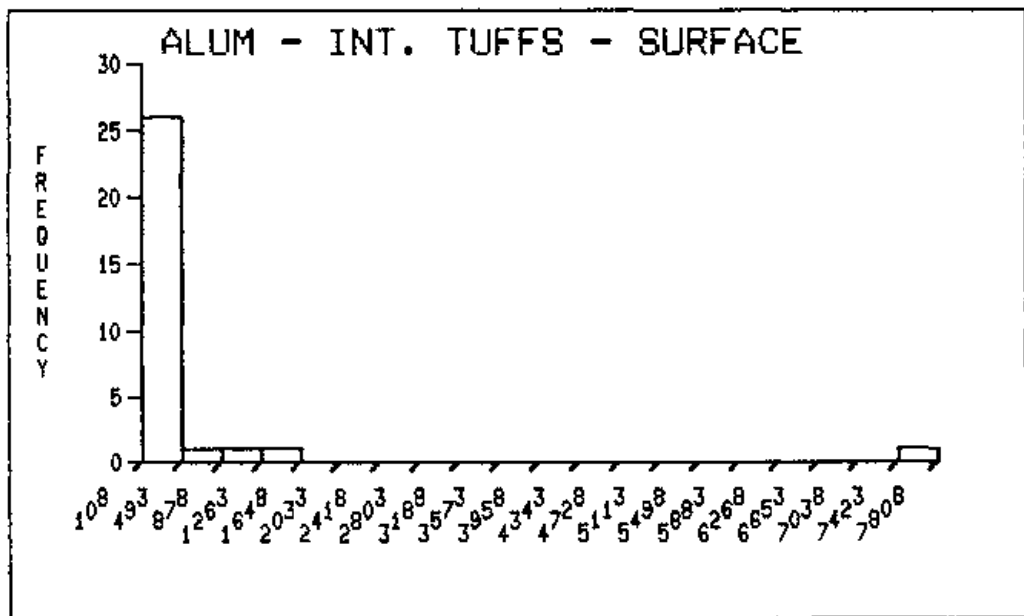
ACNK - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	0.7
MAXIMUM :	49.0
MEAN :	3.9
STANDARD DEVIATION :	8.6
MEAN - 1 STD. DEV. :	-4.7
MEAN + 1 STD. DEV. :	12.5
MEAN + 2 STD. DEV. :	21.2
MEDIAN :	1.7
MODE :	1.0
SKEWNESS :	0.8
KURTOSIS :	24.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	3.0



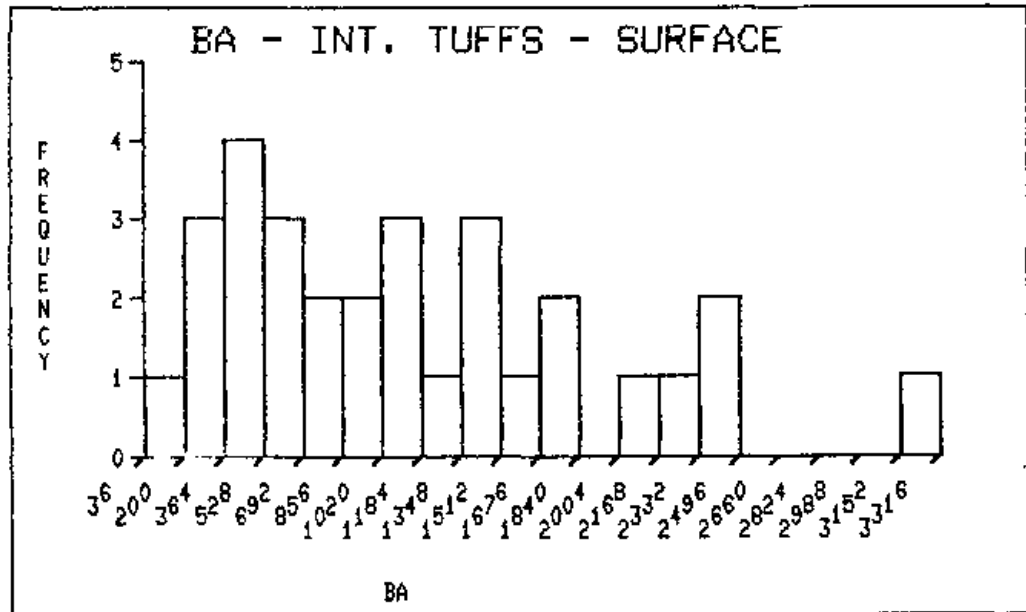
ALUM - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	107.6
MAXIMUM :	7800.0
MEAN :	560.9
STANDARD DEVIATION :	1368.4
MEAN - 1 STD. DEV. :	-807.5
MEAN + 1 STD. DEV. :	1929.3
MEAN + 2 STD. DEV. :	3297.7
MEDIAN :	226.8
MODE :	107.6
SKENNESS :	0.7
KURTOSIS :	26.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	385.0



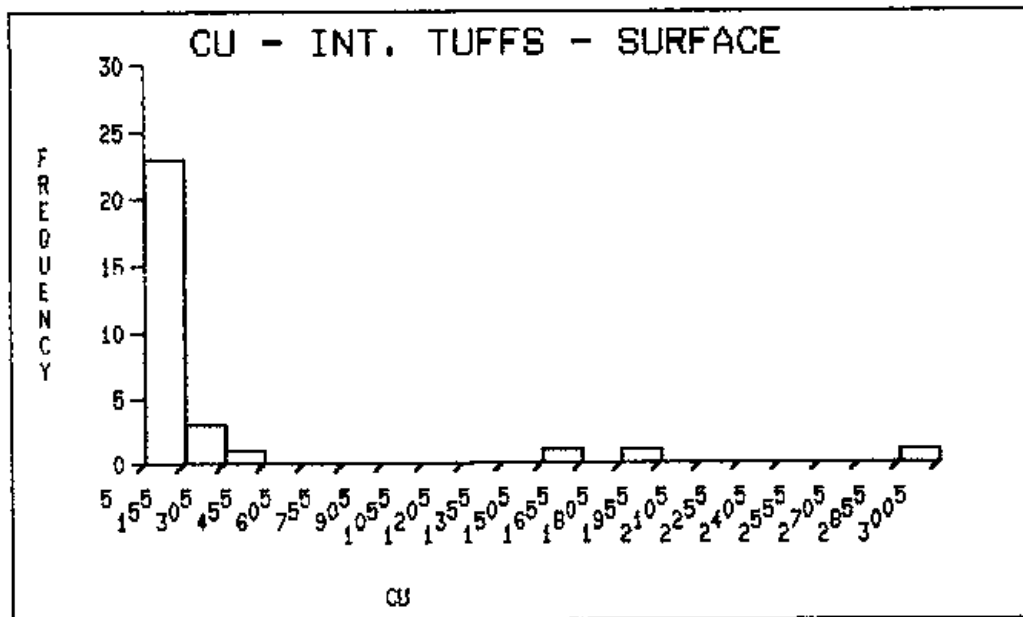
BA - INT. TUFFS - SURFACE

NUMBER OF SAMPLES	:	30
MINIMUM	:	36.0
MAXIMUM	:	3297.0
MEAN	:	1156.0
STANDARD DEVIATION	:	765.2
MEAN - 1 STD. DEV.	:	390.8
MEAN + 1 STD. DEV.	:	1921.2
MEAN + 2 STD. DEV.	:	2686.4
MEDIAN	:	1048.5
MODE	:	36.0
SKEWNESS	:	0.4
KURTOSIS	:	3.2
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	164.0



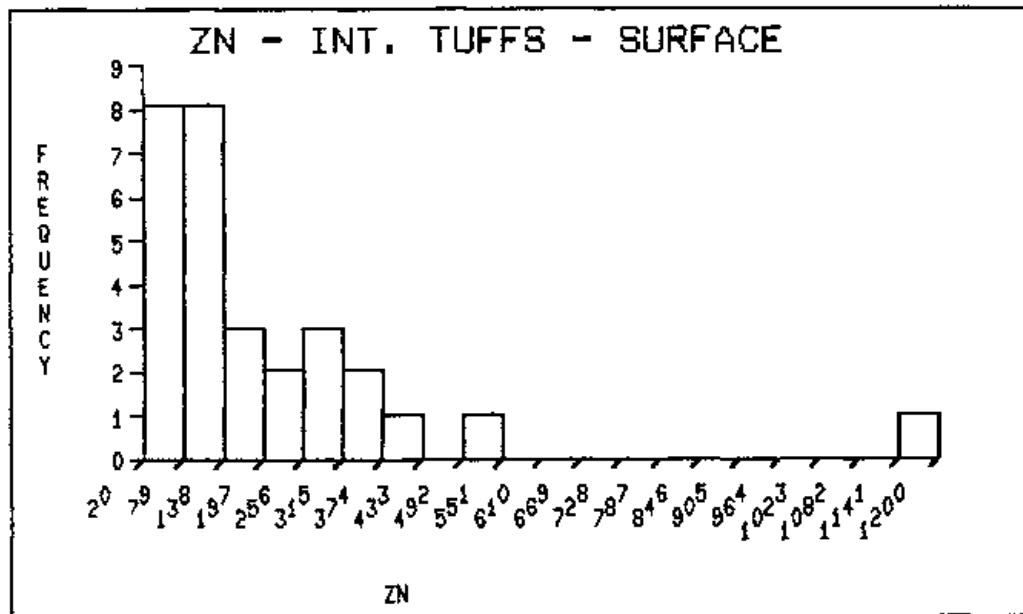
CU - INT. TUFFS - SURFACE

NUMBER OF SAMPLES	:	30
MINIMUM	:	5.0
MAXIMUM	:	3000.0
MEAN	:	286.8
STANDARD DEVIATION	:	657.3
MEAN - 1 STD. DEV.	:	-370.8
MEAN + 1 STD. DEV.	:	943.8
MEAN + 2 STD. DEV.	:	1601.0
MEDIAN	:	48.5
MODE	:	20.0
SKEWNESS	:	1.1
KURTOSIS	:	11.3
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	150.0



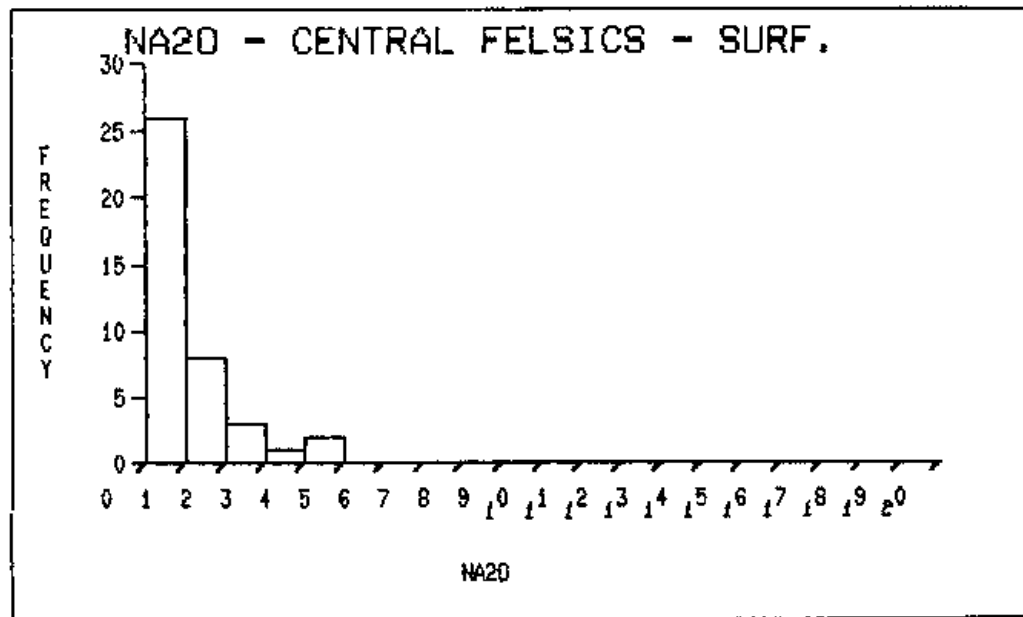
ZN - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	29
MINIMUM :	20.0
MAXIMUM :	1180.0
MEAN :	198.2
STANDARD DEVIATION :	225.8
MEAN - 1 STD. DEV. :	-27.6
MEAN + 1 STD. DEV. :	423.9
MEAN + 2 STD. DEV. :	649.7
MEDIAN :	112.0
MODE :	31.0
SKENNESS :	1.1
KURTOSIS :	12.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	59.0



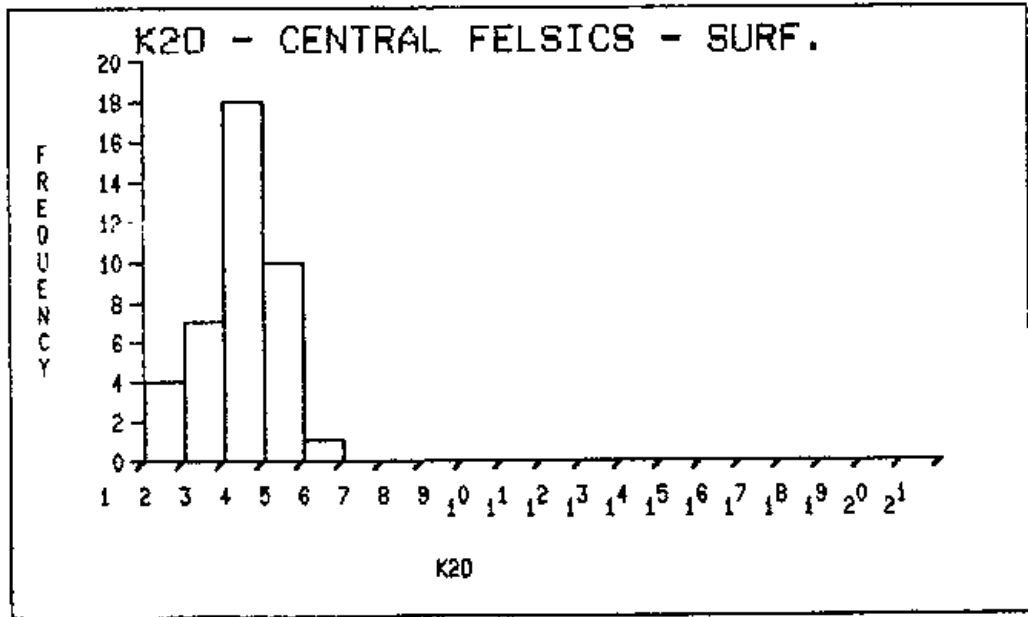
NA2O - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	0.0
MAXIMUM :	3.8
MEAN :	0.7
STANDARD DEVIATION :	1.0
MEAN - 1 STD. DEV. :	-0.3
MEAN + 1 STD. DEV. :	1.6
MEAN + 2 STD. DEV. :	2.6
MEDIAN :	0.2
MODE :	0.0
SKENNESS :	1.4
KURTOSIS :	5.8
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



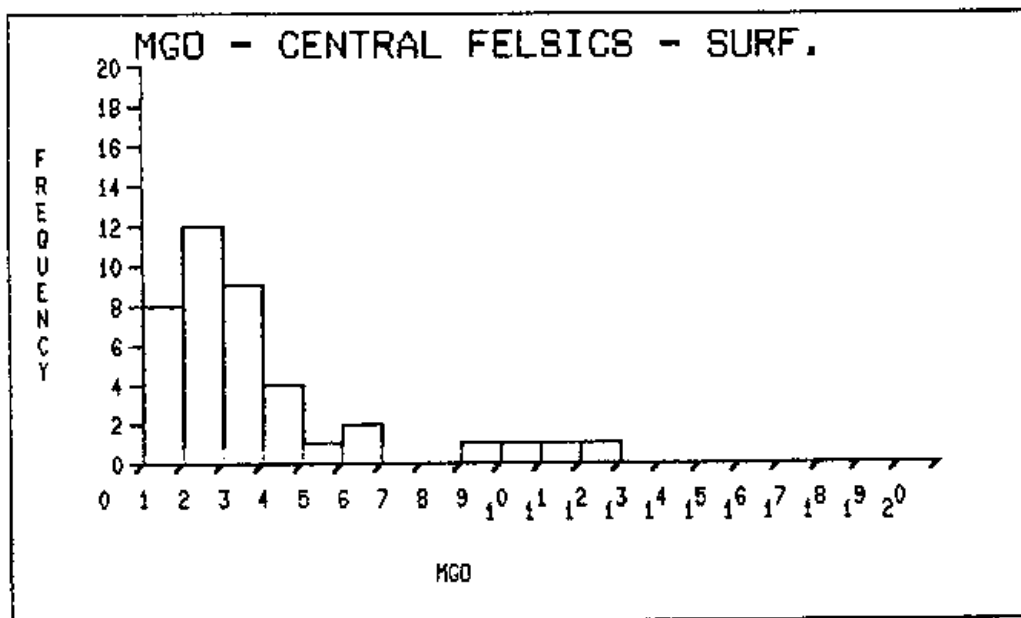
K20 - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES	40
MINIMUM	1.1
MAXIMUM	4.6
MEAN	2.9
STANDARD DEVIATION	0.9
MEAN - 1 STD. DEV.	2.0
MEAN + 1 STD. DEV.	3.8
MEAN + 2 STD. DEV.	4.7
MEDIAN	3.1
MODE	2.0
SKENNESS	-0.5
KURTOSIS	2.4
NUMBER OF CLASSES	20
CLASS INTERVAL	1.0



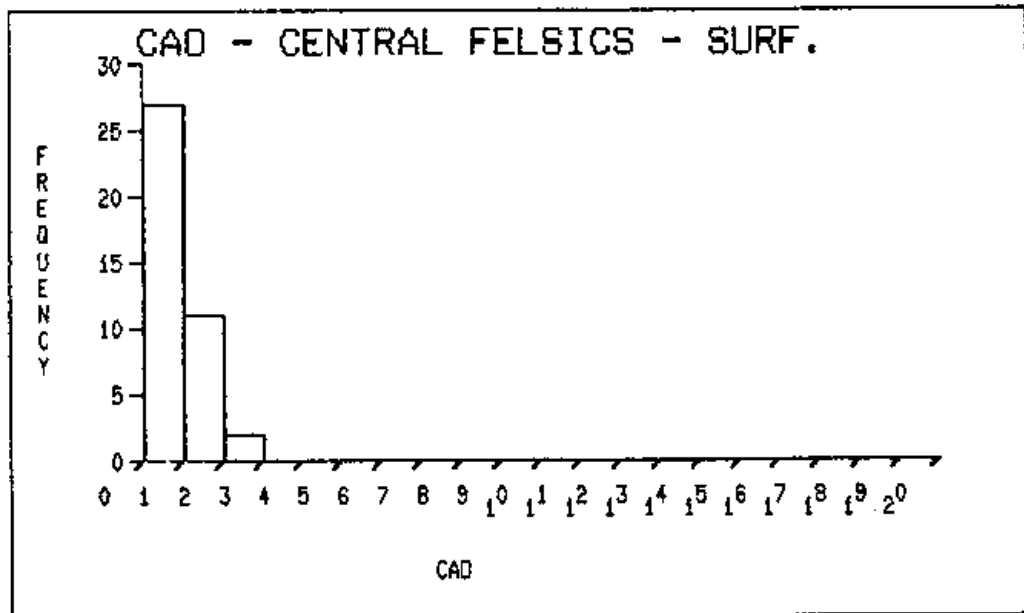
MGO - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES	:	40
MINIMUM	:	0.1
MAXIMUM	:	10.5
MEAN	:	2.4
STANDARD DEVIATION	:	2.7
MEAN - 1 STD. DEV.	:	-0.3
MEAN + 1 STD. DEV.	:	5.0
MEAN + 2 STD. DEV.	:	7.7
MEDIAN	:	1.5
MODE	:	0.4
SKEWNESS	:	1.0
KURTOSIS	:	5.5
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.0



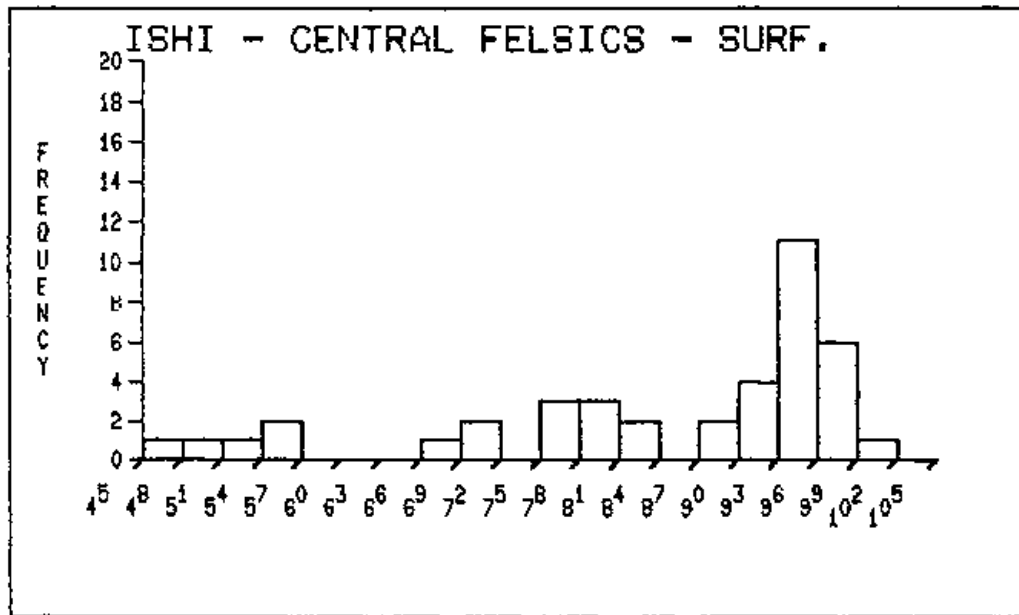
CAD - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	0.0
MAXIMUM :	1.7
MEAN :	0.4
STANDARD DEVIATION :	0.5
MEAN - 1 STD. DEV. :	0.0
MEAN + 1 STD. DEV. :	0.9
MEAN + 2 STD. DEV. :	1.4
MEDIAN :	0.2
MODE :	0.0
SKEWNESS :	1.5
KURTOSIS :	3.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



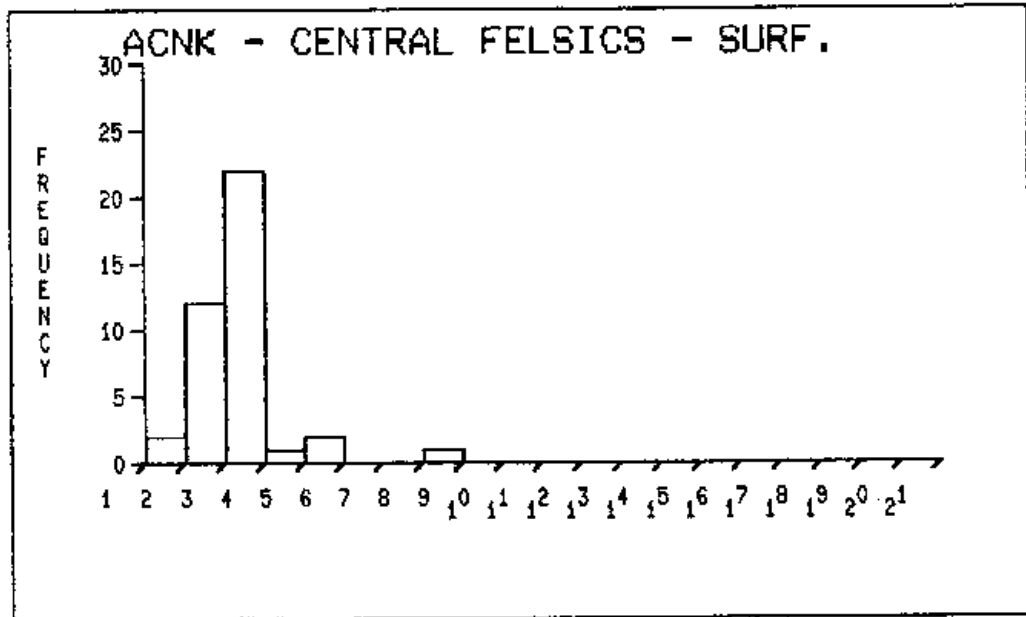
ISHI - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES	:	40
MINIMUM	:	45.3
MAXIMUM	:	98.5
MEAN	:	83.9
STANDARD DEVIATION	:	14.7
MEAN - 1 STD. DEV.	:	69.2
MEAN + 1 STD. DEV.	:	98.7
MEAN + 2 STD. DEV.	:	113.4
MEDIAN	:	90.3
MODE	:	45.3
SKENNESS	:	-1.3
KURTOSIS	:	3.3
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	3.0



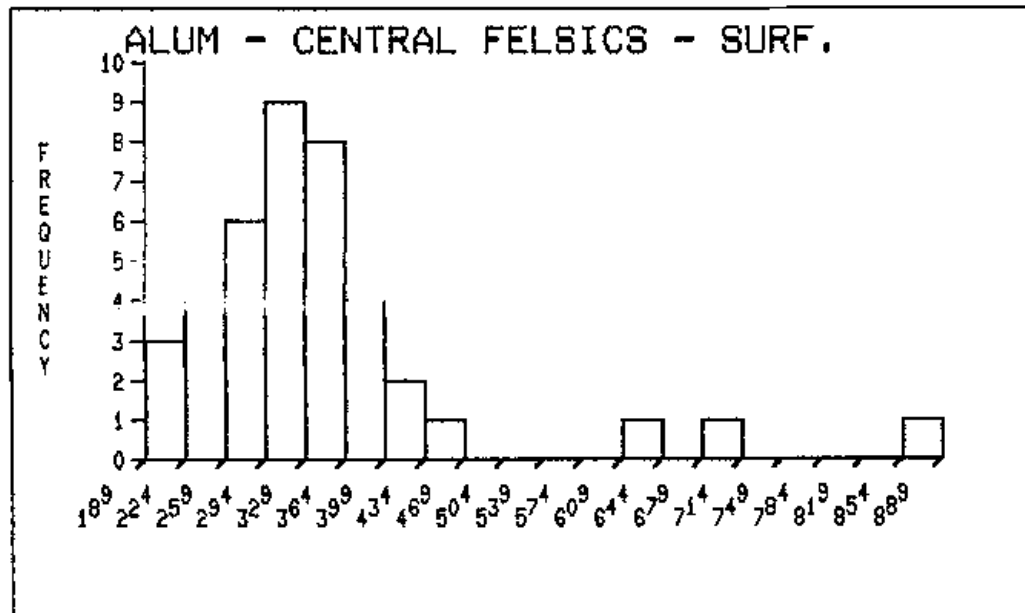
ACNK - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	1.3
MAXIMUM :	7.5
MEAN :	2.9
STANDARD DEVIATION :	1.1
MEAN - 1 STD. DEV. :	1.8
MEAN + 1 STD. DEV. :	4.0
MEAN + 2 STD. DEV. :	5.1
MEDIAN :	2.8
MODE :	2.3
SKEWNESS :	0.2
KURTOSIS :	9.0
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



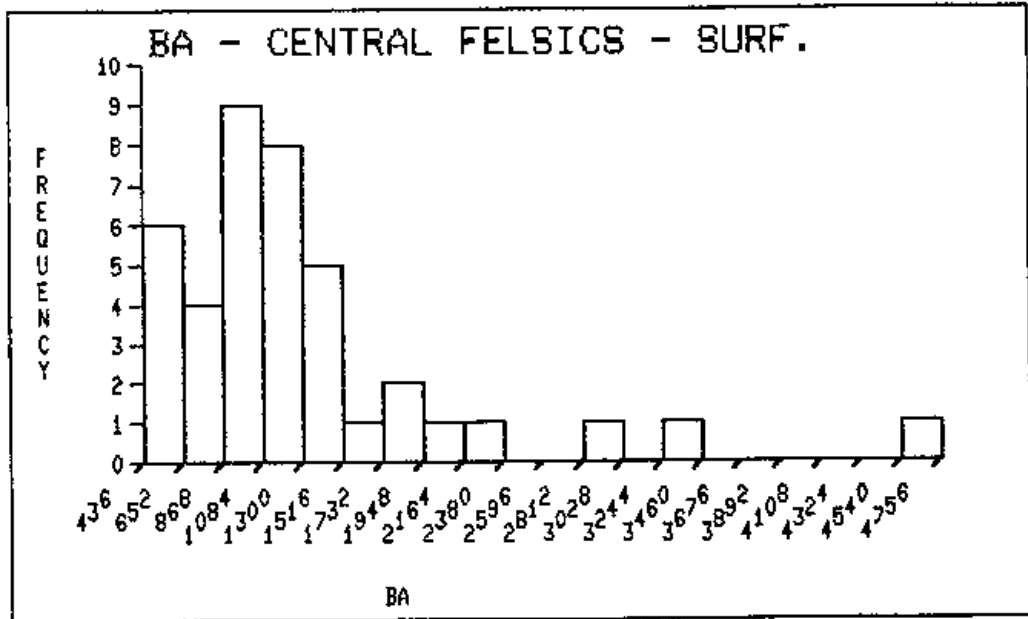
ALUM - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	188.8
MAXIMUM :	873.5
MEAN :	346.5
STANDARD DEVIATION :	124.6
MEAN - 1 STD. DEV. :	221.9
MEAN + 1 STD. DEV. :	471.1
MEAN + 2 STD. DEV. :	595.6
MEDIAN :	322.1
MODE :	188.8
SKEWNESS :	0.6
KURTOSIS :	10.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	35.0



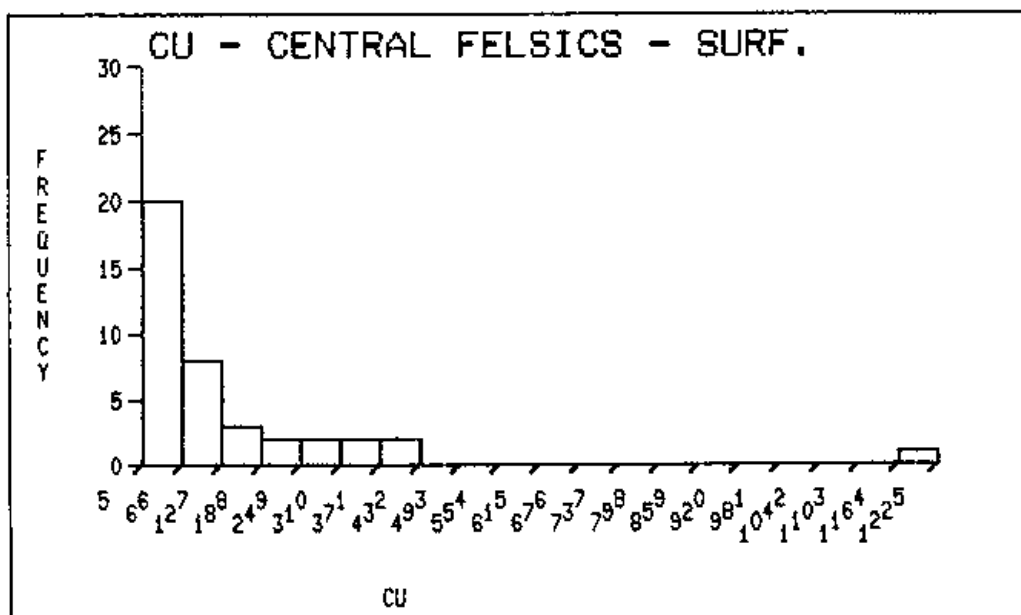
BA - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	436.0
MAXIMUM :	4740.0
MEAN :	1318.2
STANDARD DEVIATION :	816.7
MEAN - 1 STD. DEV. :	501.4
MEAN + 1 STD. DEV. :	2134.9
MEAN + 2 STD. DEV. :	2951.6
MEDIAN :	1143.5
MODE :	1020.0
SKELWILL :	0.6
KURTOSIS :	9.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	216.0



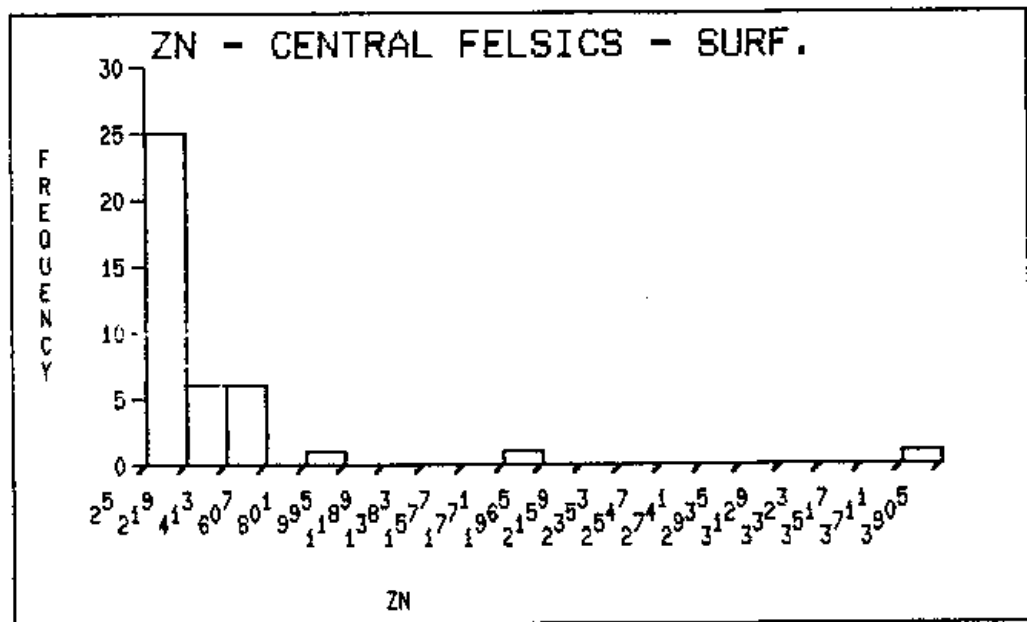
CU - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	5.0
MAXIMUM :	1210.0
MEAN :	132.2
STANDARD DEVIATION :	207.9
MEAN - 1 STD. DEV. :	-75.7
MEAN + 1 STD. DEV. :	340.1
MEAN + 2 STD. DEV. :	548.0
MEDIAN :	58.5
MODE :	5.0
SKEWNESS :	1.1
KURTOSIS :	18.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	61.0



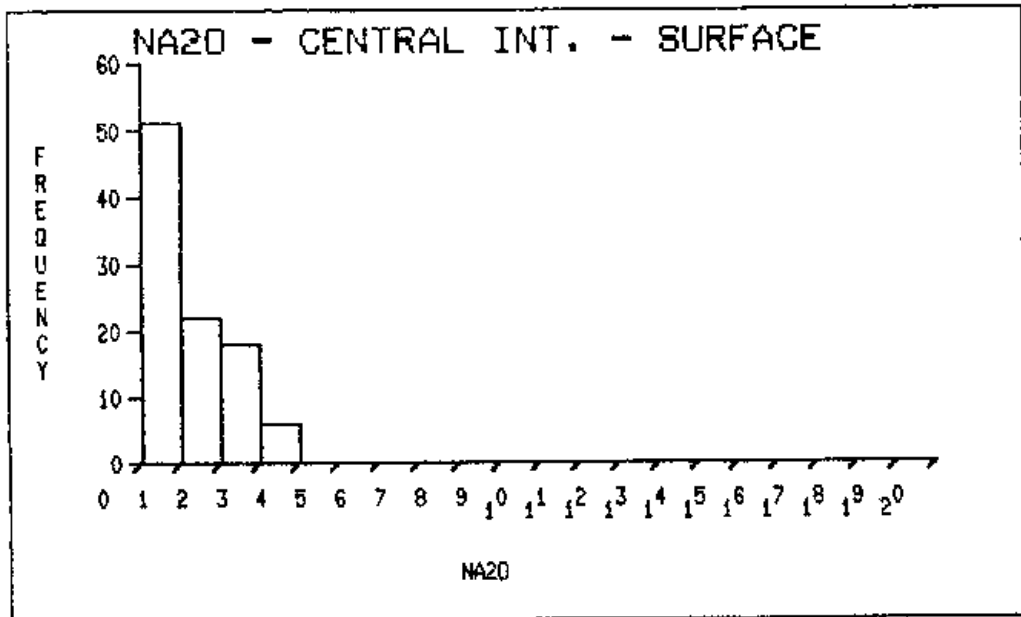
ZN - CENTRAL FELSICS - SURF.

NUMBER OF SAMPLES :	40
MINIMUM :	25.0
MAXIMUM :	3900.0
MEAN :	339.9
STANDARD DEVIATION :	659.5
MEAN - 1 STD. DEV. :	-319.5
MEAN + 1 STD. DEV. :	999.4
MEAN + 2 STD. DEV. :	1658.8
MEDIAN :	104.0
MODE :	84.0
SKEWNESS :	1.1
KURTOSIS :	22.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	194.0



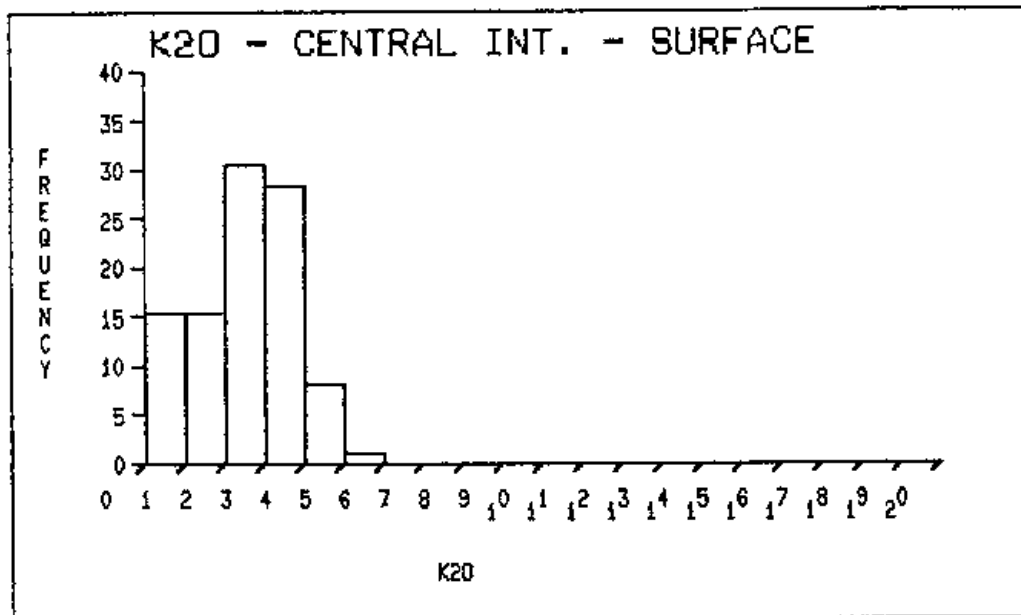
NA2O - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	0.0
MAXIMUM :	3.4
MEAN :	0.9
STANDARD DEVIATION :	0.9
MEAN - 1 STD. DEV. :	-0.1
MEAN + 1 STD. DEV. :	1.8
MEAN + 2 STD. DEV. :	2.7
MEDIAN :	0.4
MODE :	0.0
SKEWNESS :	1.5
KURTOSIS :	3.4
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



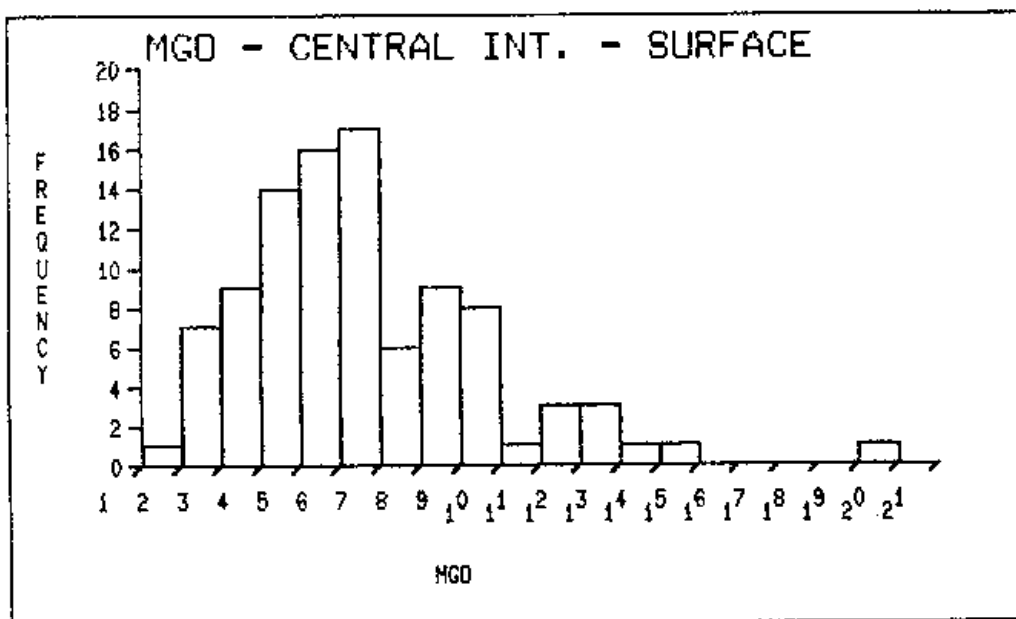
K20 - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	0.1
MAXIMUM :	4.8
MEAN :	2.0
STANDARD DEVIATION :	1.1
MEAN - 1 STD. DEV. :	0.9
MEAN + 1 STD. DEV. :	3.1
MEAN + 2 STD. DEV. :	4.2
MEDIAN :	2.0
MODE :	2.0
SKEWNESS :	-0.1
KURTOSIS :	2.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



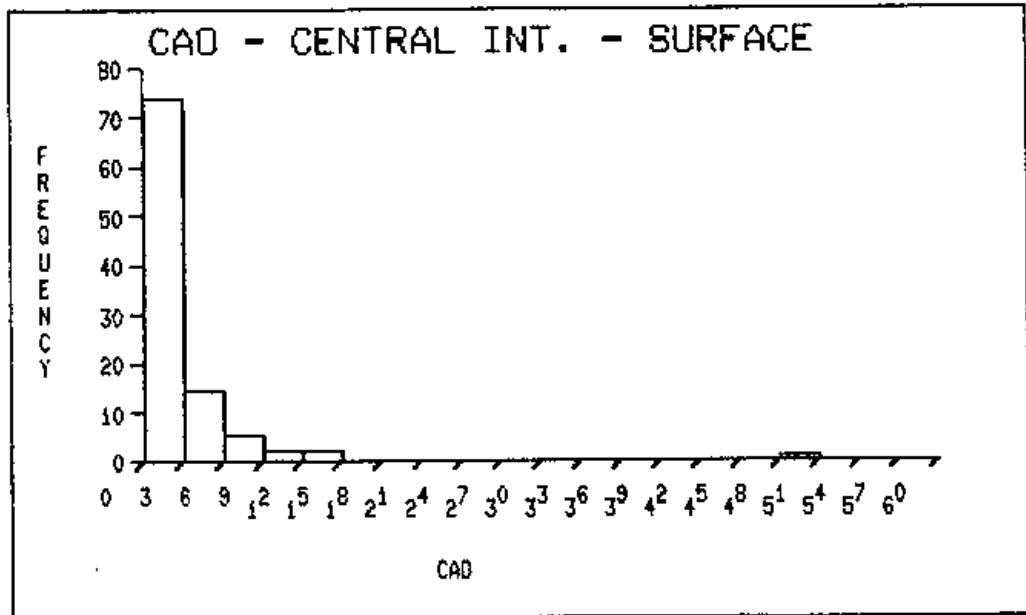
MGO - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	0.6
MAXIMUM :	18.5
MEAN :	6.1
STANDARD DEVIATION :	3.0
MEAN - 1 STD. DEV. :	3.1
MEAN + 1 STD. DEV. :	9.1
MEAN + 2 STD. DEV. :	12.1
MEDIAN :	5.7
MODE :	3.4
SKEWNESS :	0.4
KURTOSIS :	5.2
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



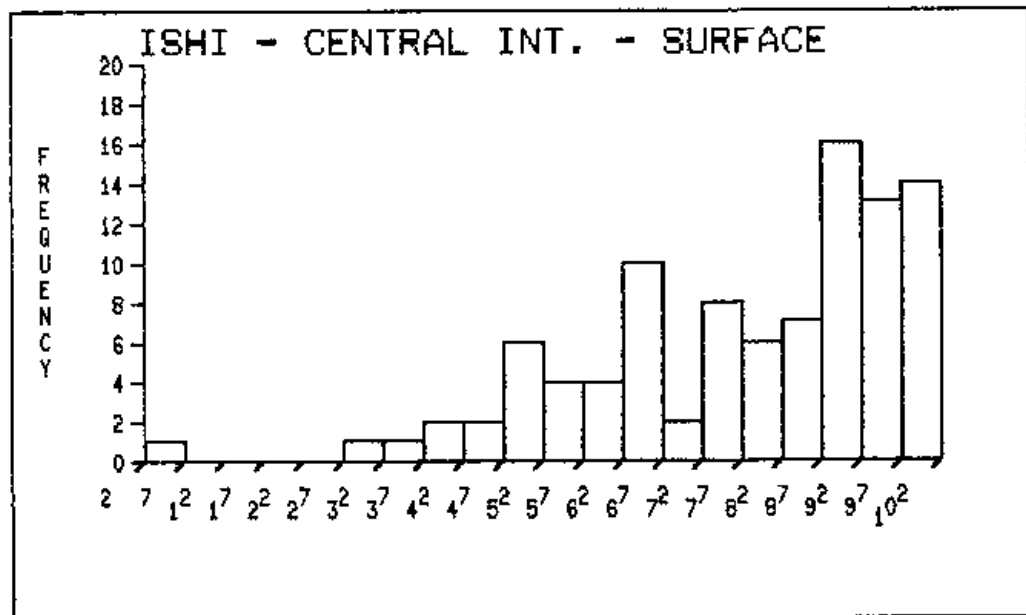
CAD - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	0.0
MAXIMUM :	50.3
MEAN :	2.4
STANDARD DEVIATION :	5.6
MEAN - 1 STD. DEV. :	-3.2
MEAN + 1 STD. DEV. :	8.0
MEAN + 2 STD. DEV. :	13.5
MEDIAN :	0.9
MODE :	0.1
SKENNESS :	0.8
KURTOSIS :	57.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	3.0



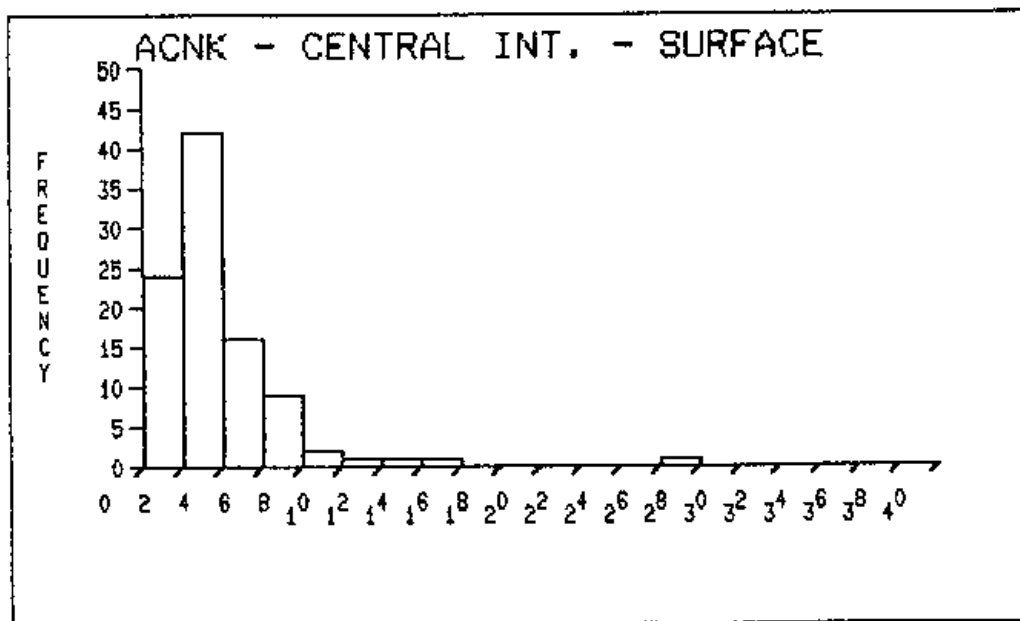
ISHI - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES	:	97
MINIMUM	:	1.7
MAXIMUM	:	99.4
MEAN	:	76.8
STANDARD DEVIATION	:	19.8
MEAN - 1 STD. DEV.	:	57.1
MEAN + 1 STD. DEV.	:	96.6
MEAN + 2 STD. DEV.	:	116.4
MEDIAN	:	84.2
MODE	:	84.2
SKEWNESS	:	-1.1
KURTOSIS	:	3.8
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	5.0



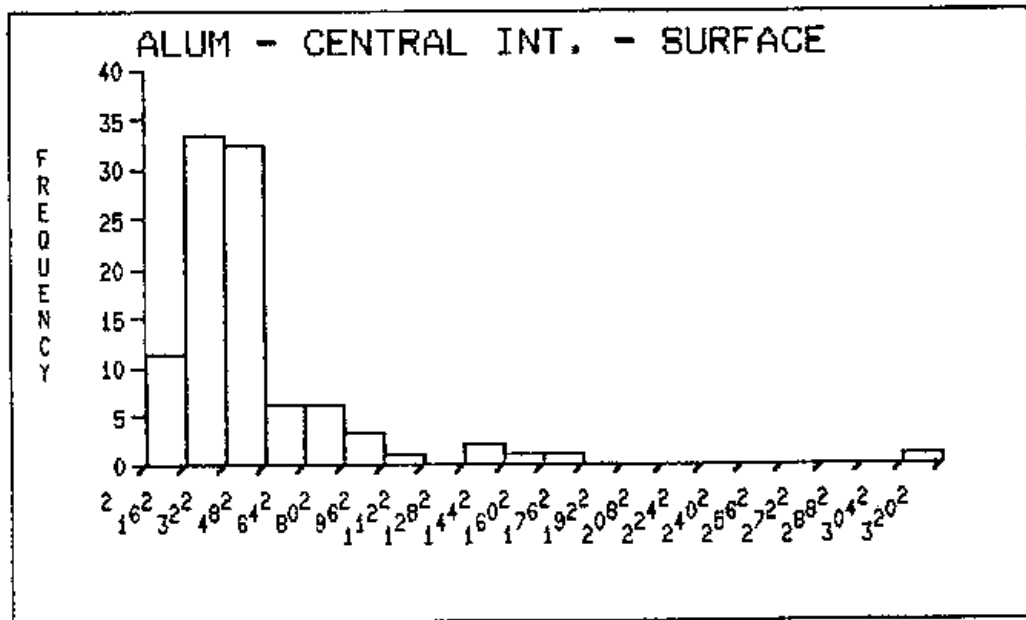
ACNK - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES	:	97
MINIMUM	:	0.0
MAXIMUM	:	25.6
MEAN	:	3.4
STANDARD DEVIATION	:	3.4
MEAN - 1 STD. DEV.	:	0.0
MEAN + 1 STD. DEV.	:	6.8
MEAN + 2 STD. DEV.	:	10.1
MEDIAN	:	2.5
MODE	:	1.3
SKENNESS	:	0.8
KURTOSIS	:	22.2
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	2.0



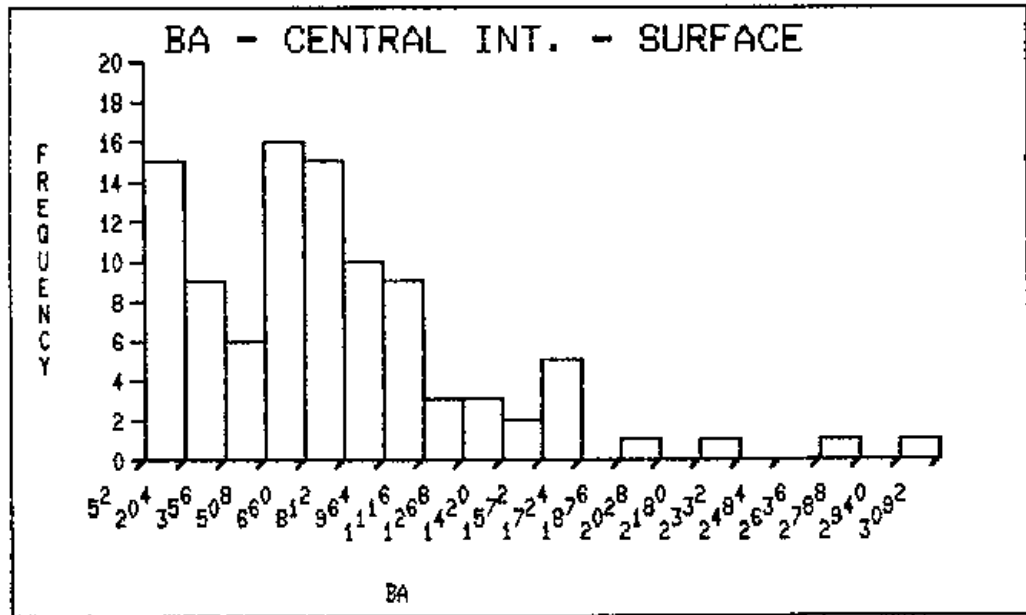
ALUM - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	2.4
MAXIMUM :	3193.3
MEAN :	443.4
STANDARD DEVIATION :	406.3
MEAN - 1 STD. DEV. :	37.1
MEAN + 1 STD. DEV. :	849.7
MEAN + 2 STD. DEV. :	1256.0
MEDIAN :	358.4
MODE :	2.4
SKENNESS :	0.6
KURTOSIS :	23.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	160.0



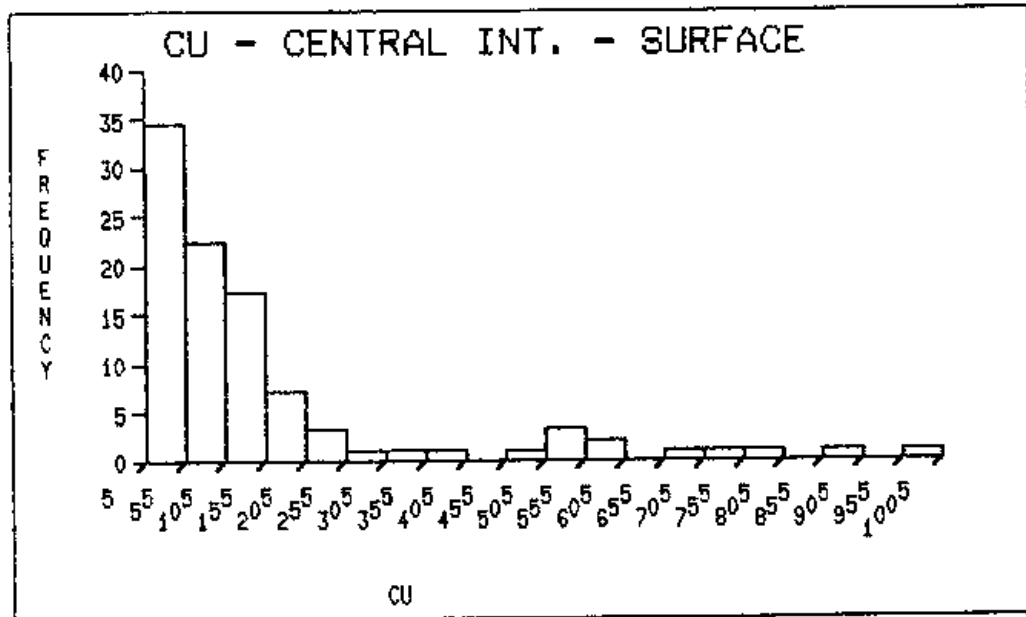
BA - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	52.0
MAXIMUM :	3080.0
MEAN :	761.0
STANDARD DEVIATION :	556.3
MEAN - 1 STD. DEV. :	204.7
MEAN + 1 STD. DEV. :	1317.3
MEAN + 2 STD. DEV. :	1873.6
MEDIAN :	680.0
MODE :	1020.0
SKENNESS :	0.4
KURTOSIS :	6.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	152.0



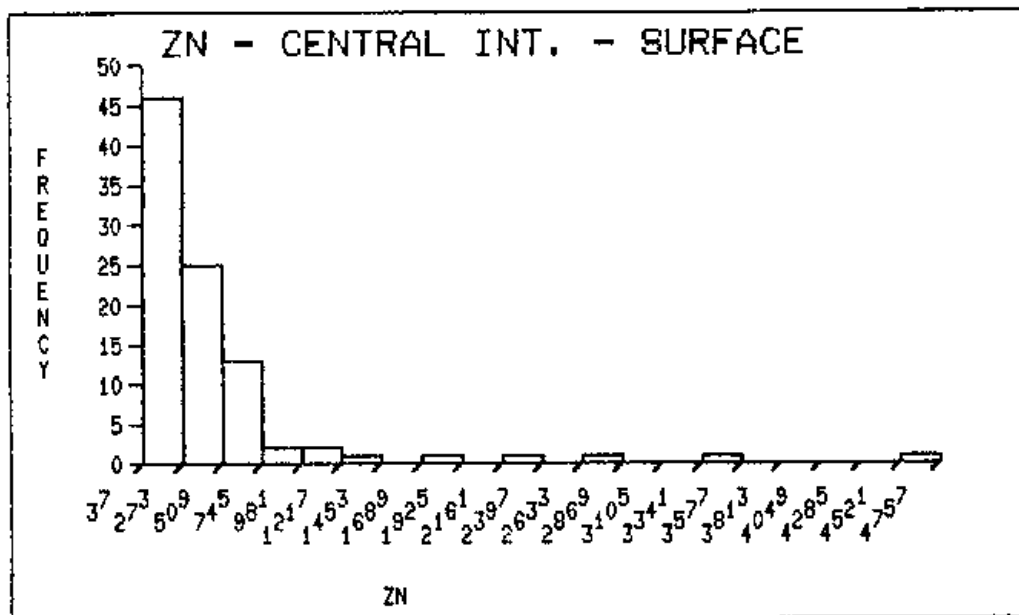
CU - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	5.0
MAXIMUM :	992.0
MEAN :	150.8
STANDARD DEVIATION :	200.7
MEAN - 1 STD. DEV. :	-49.9
MEAN + 1 STD. DEV. :	351.4
MEAN + 2 STD. DEV. :	552.1
MEDIAN :	80.0
MODE :	5.0
SKEWNESS :	1.1
KURTOSIS :	7.7
NUMBER OF CLASSES :	20
CLASS INTERVAL :	50.0



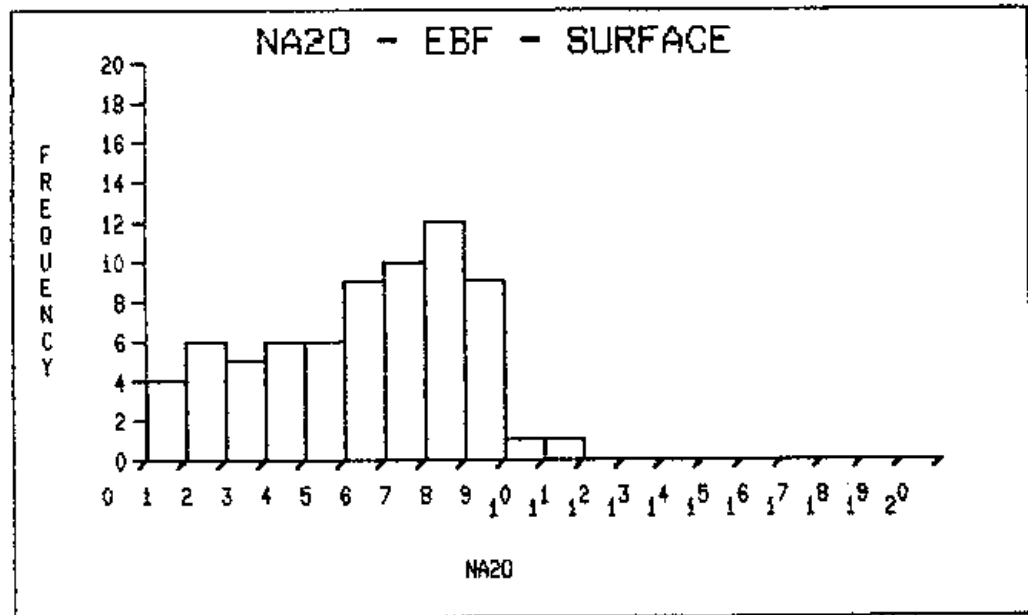
ZN - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	94
MINIMUM :	37.0
MAXIMUM :	4740.0
MEAN :	459.6
STANDARD DEVIATION :	688.0
MEAN - 1 STD. DEV. :	-228.5
MEAN + 1 STD. DEV. :	1147.6
MEAN + 2 STD. DEV. :	1835.6
MEDIAN :	274.0
MODE :	91.0
SKENNESS :	0.8
KURTOSIS :	21.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	236.0



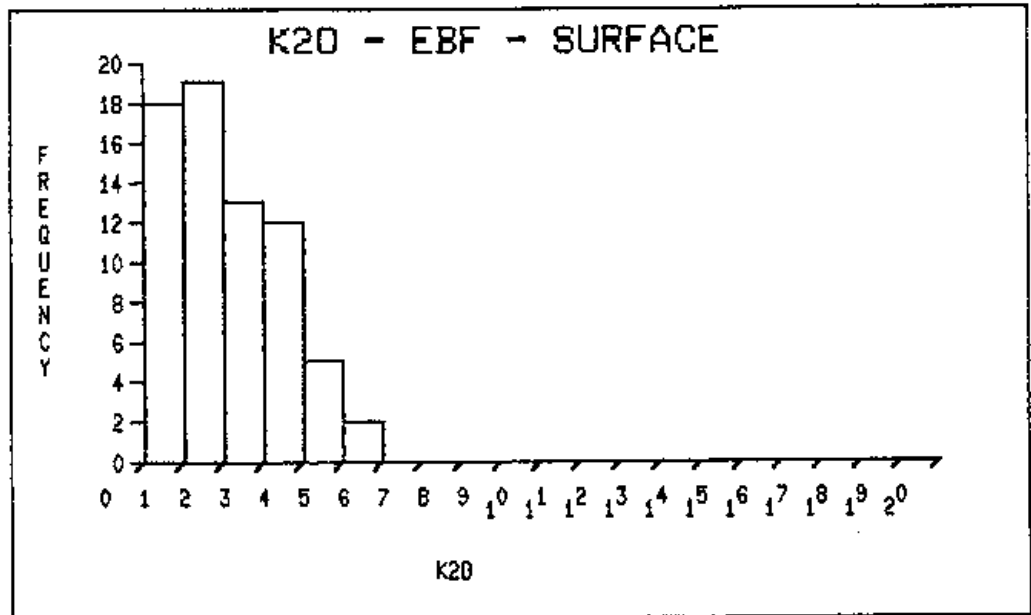
NA2O - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	0.1
MAXIMUM :	9.6
MEAN :	4.8
STANDARD DEVIATION :	2.6
MEAN - 1 STD. DEV. :	2.3
MEAN + 1 STD. DEV. :	7.4
MEAN + 2 STD. DEV. :	10.0
MEDIAN :	5.3
MODE :	0.7
SKEWNESS :	-0.6
KURTOSIS :	2.0
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



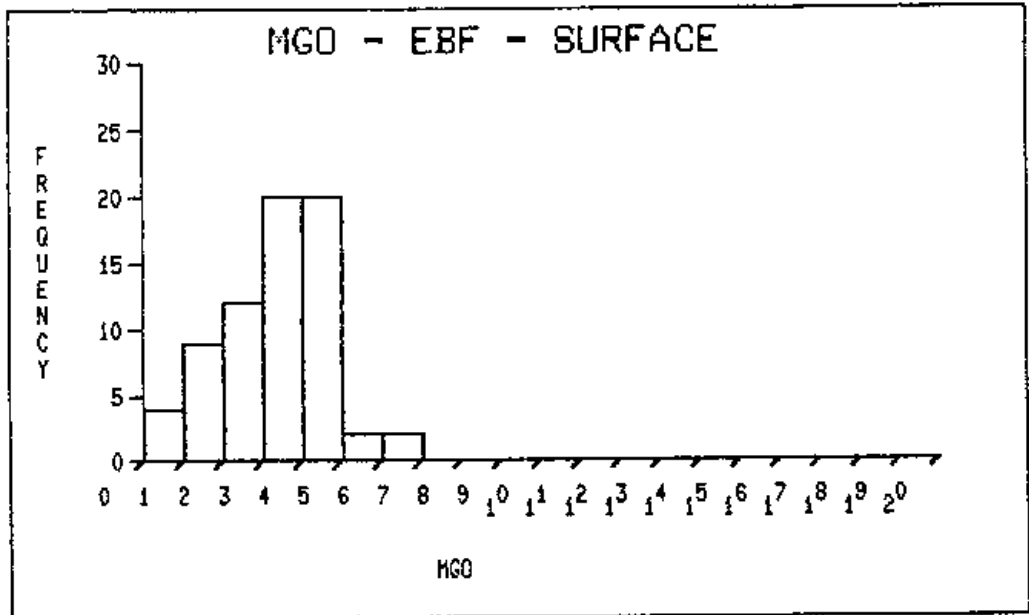
K20 - EBF - SURFACE

NUMBER OF SAMPLES	:	69
MINIMUM	:	0.1
MAXIMUM	:	5.3
MEAN	:	1.7
STANDARD DEVIATION	:	1.4
MEAN - 1 STD. DEV.	:	0.3
MEAN + 1 STD. DEV.	:	3.1
MEAN + 2 STD. DEV.	:	4.5
MEDIAN	:	1.3
MODE	:	0.6
SKENNESS	:	0.9
KURTOSIS	:	2.6
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.0



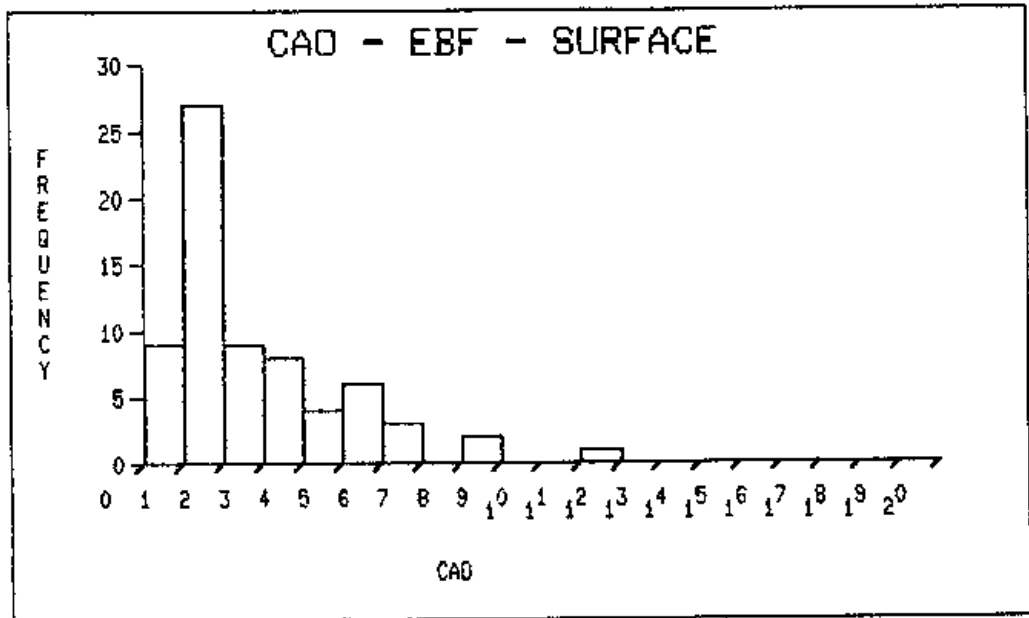
MGO - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	0.0
MAXIMUM :	6.3
MEAN :	2.9
STANDARD DEVIATION :	1.4
MEAN - 1 STD. DEV. :	1.5
MEAN + 1 STD. DEV. :	4.3
MEAN + 2 STD. DEV. :	5.6
MEDIAN :	3.1
MODE :	2.4
SKEWNESS :	-0.5
KURTOSIS :	2.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



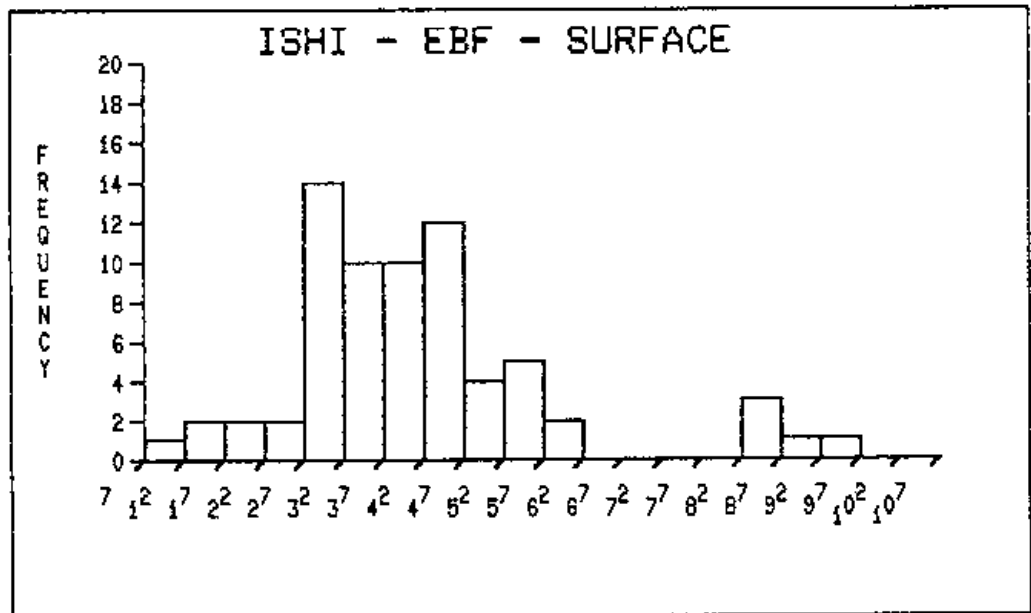
CAO - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	0.0
MAXIMUM :	10.6
MEAN :	2.3
STANDARD DEVIATION :	2.1
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	4.4
MEAN + 2 STD. DEV. :	6.5
MEDIAN :	1.4
MODE :	0.2
SKEWNESS :	1.2
KURTOSIS :	5.8
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



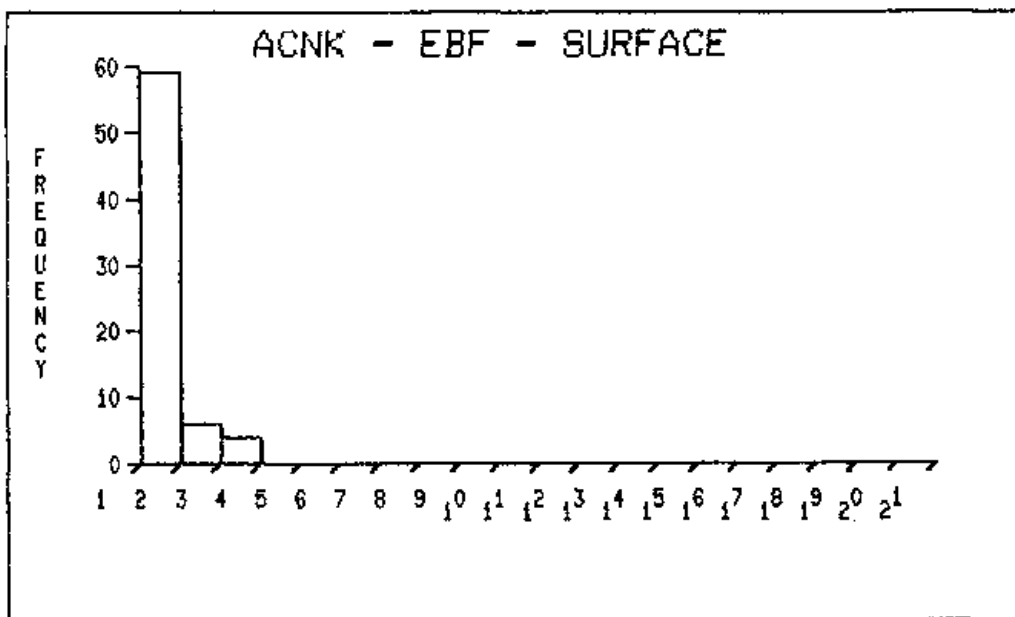
ISHI - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	7.5
MAXIMUM :	92.4
MEAN :	40.7
STANDARD DEVIATION :	16.6
MEAN - 1 STD. DEV. :	24.1
MEAN + 1 STD. DEV. :	57.3
MEAN + 2 STD. DEV. :	74.0
MEDIAN :	38.4
MODE :	32.8
SKENNESS :	0.4
KURTOSIS :	5.0
NUMBER OF CLASSES :	20
CLASS INTERVAL :	5.0



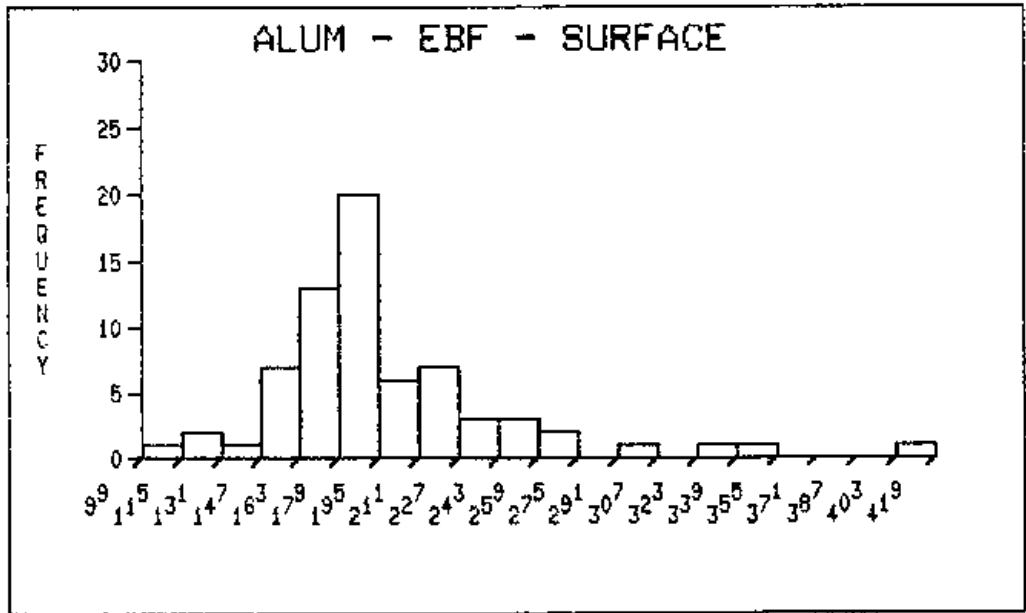
ACNK - EBF - SURFACE

NUMBER OF SAMPLES	:	69
MINIMUM	:	0.6
MAXIMUM	:	2.9
MEAN	:	1.3
STANDARD DEVIATION	:	0.4
MEAN - 1 STD. DEV.	:	0.8
MEAN + 1 STD. DEV.	:	1.7
MEAN + 2 STD. DEV.	:	2.2
MEDIAN	:	1.2
MODE	:	1.1
SKEWNESS	:	0.8
KURTOSIS	:	7.4
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	1.0



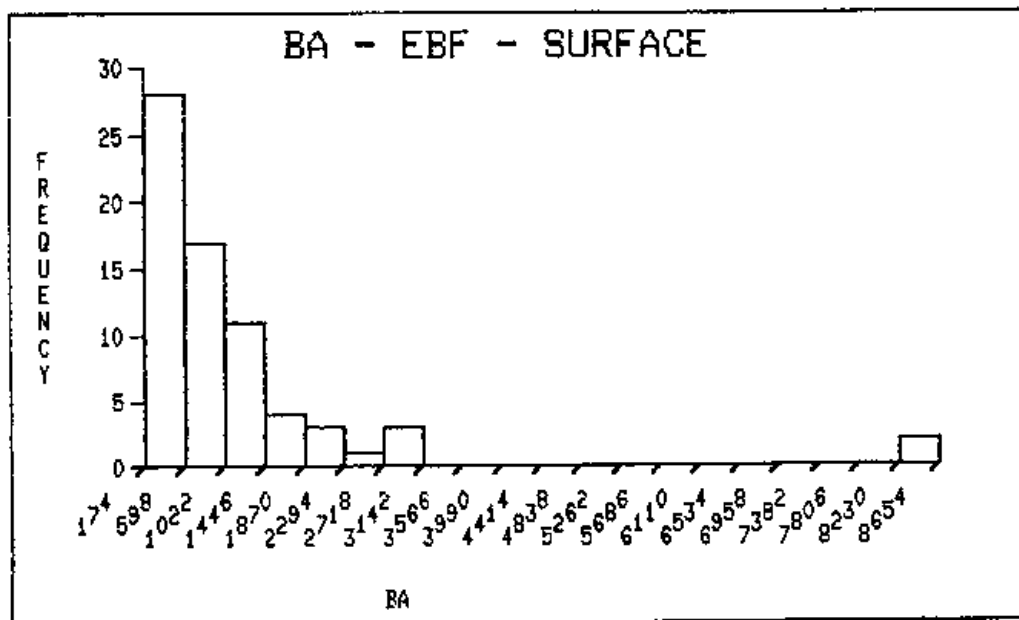
ALUM - EBF - SURFACE

NUMBER OF SAMPLES	:	69
MINIMUM	:	99.2
MAXIMUM	:	410.9
MEAN	:	196.8
STANDARD DEVIATION	:	49.3
MEAN - 1 STD. DEV.	:	147.5
MEAN + 1 STD. DEV.	:	246.2
MEAN + 2 STD. DEV.	:	295.5
MEDIAN	:	183.4
MODE	:	194.2
SKEWNESS	:	0.8
KURTOSIS	:	7.8
NUMBER OF CLASSES	:	20
CLASS INTERVAL	:	16.0



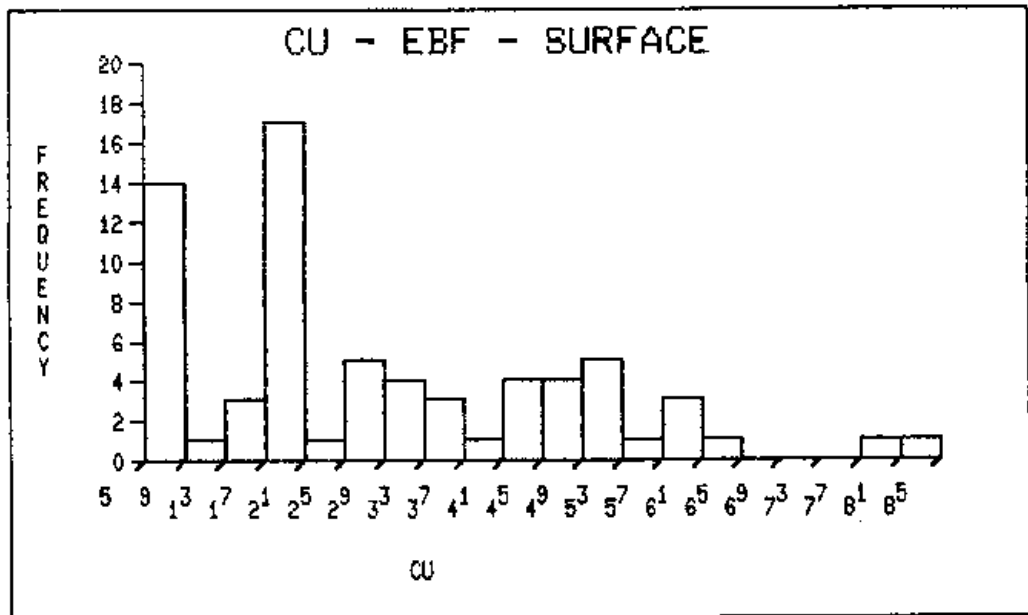
BA - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	174.0
MAXIMUM :	8650.0
MEAN :	1147.9
STANDARD DEVIATION :	1442.8
MEAN - 1 STD. DEV. :	-294.9
MEAN + 1 STD. DEV. :	2590.7
MEAN + 2 STD. DEV. :	4033.4
MEDIAN :	721.0
MODE :	255.0
SKENNESS :	0.9
KURTOSIS :	19.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	424.0



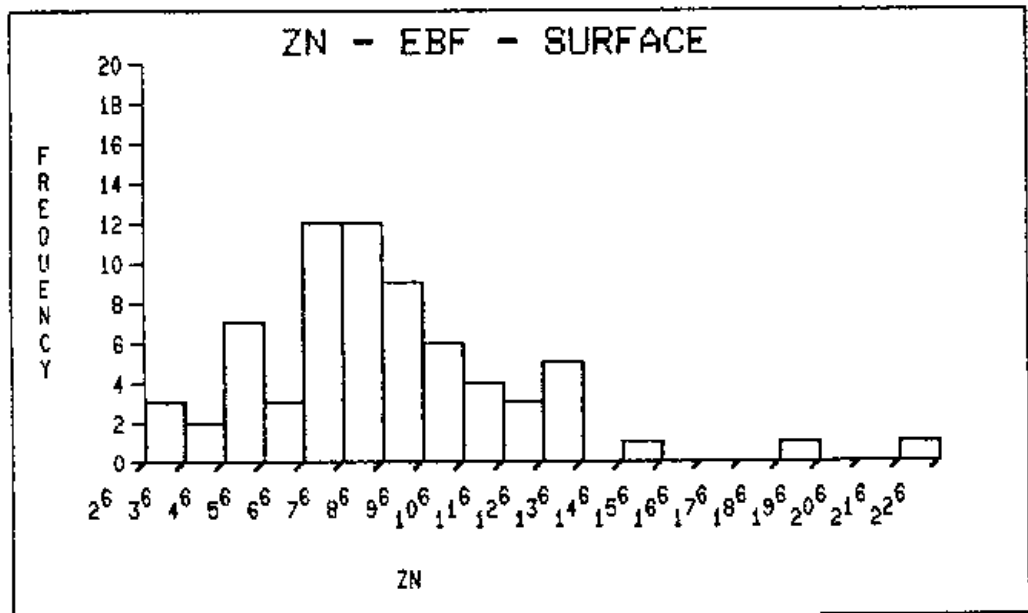
CU - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	5.0
MAXIMUM :	84.0
MEAN :	28.0
STANDARD DEVIATION :	18.9
MEAN - 1 STD. DEV. :	9.1
MEAN + 1 STD. DEV. :	46.8
MEAN + 2 STD. DEV. :	65.7
MEDIAN :	20.0
MODE :	20.0
SKEWNESS :	1.3
KURTOSIS :	3.1
NUMBER OF CLASSES :	20
CLASS INTERVAL :	4.0



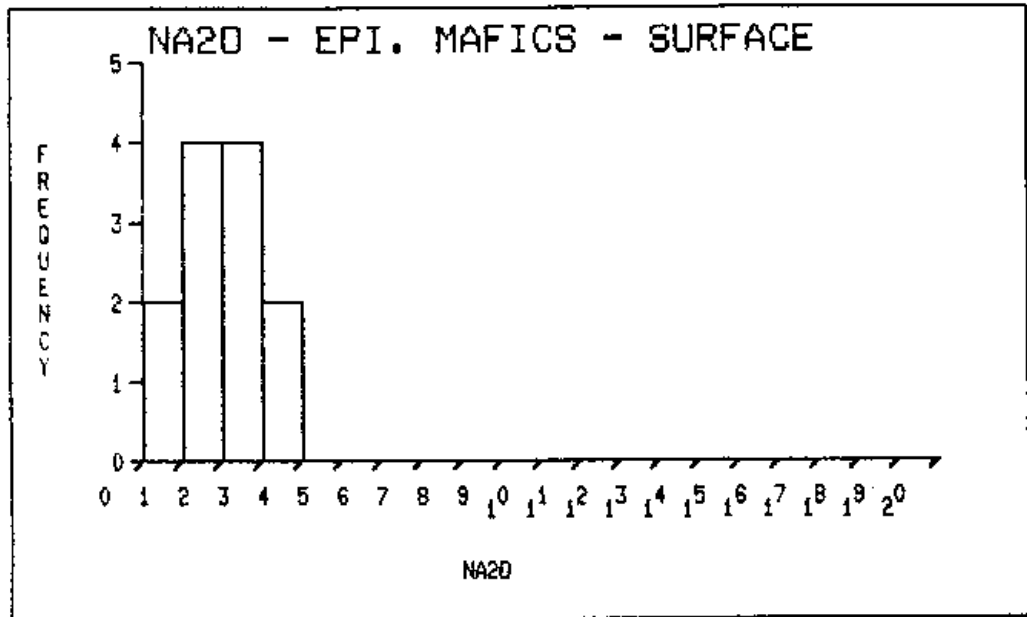
ZN - EBF - SURFACE

NUMBER OF SAMPLES	69
MINIMUM	26.0
MAXIMUM	217.0
MEAN	86.4
STANDARD DEVIATION	33.5
MEAN - 1 STD. DEV.	52.9
MEAN + 1 STD. DEV.	119.9
MEAN + 2 STD. DEV.	153.4
MEDIAN	82.0
MODE	47.0
SKEWNESS	0.4
KURTOSIS	6.0
NUMBER OF CLASSES	20
CLASS INTERVAL	10.0



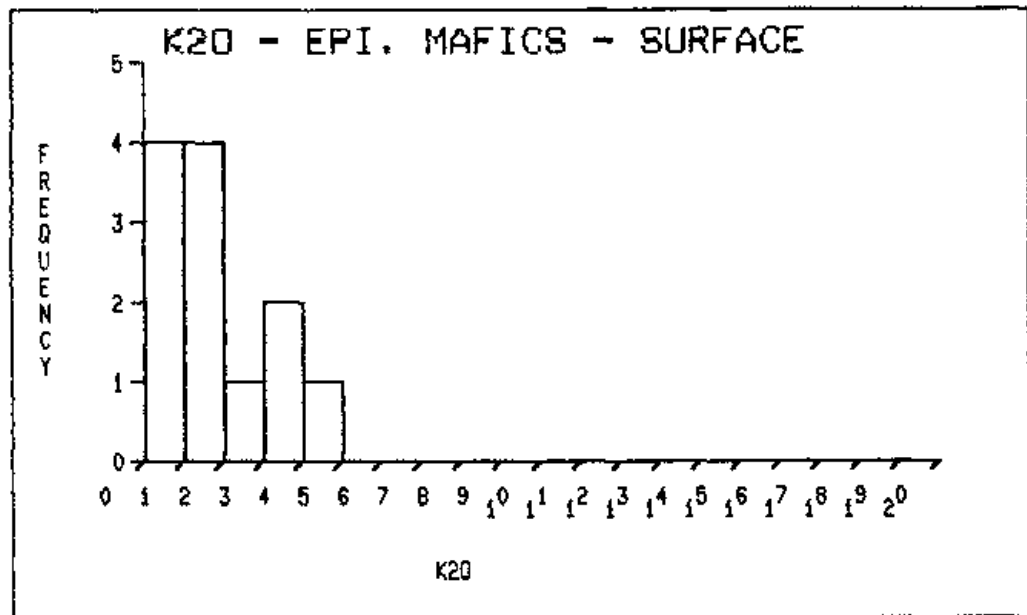
NA2O - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	0.2
MAXIMUM :	3.0
MEAN :	1.5
STANDARD DEVIATION :	0.9
MEAN - 1 STD. DEV. :	0.6
MEAN + 1 STD. DEV. :	2.4
MEAN + 2 STD. DEV. :	3.3
MEDIAN :	1.5
MODE :	0.2
SKENNESS :	-0.1
KURTOSIS :	1.7
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



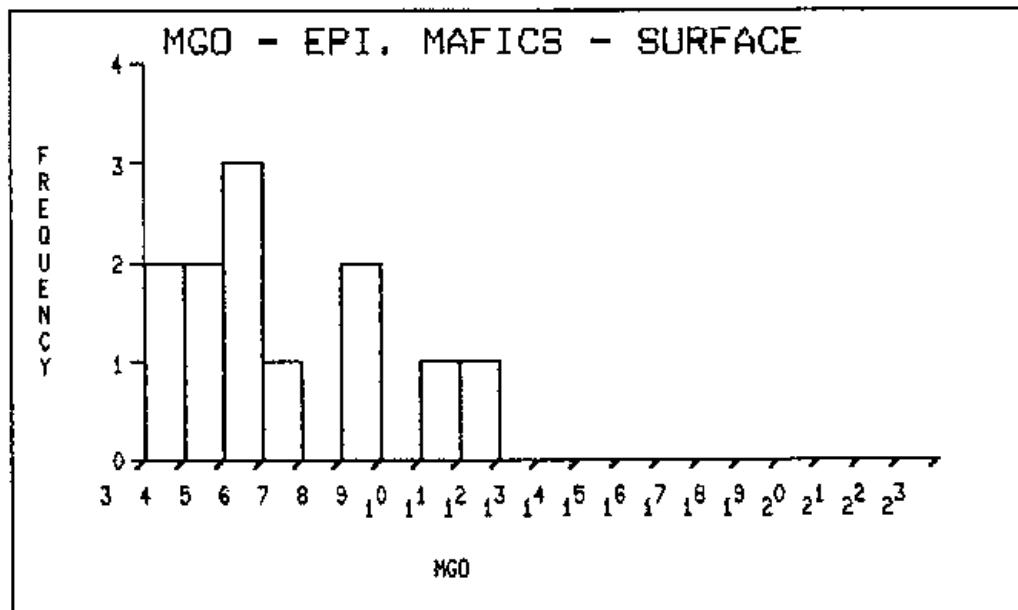
K20 - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	0.1
MAXIMUM :	3.9
MEAN :	1.4
STANDARD DEVIATION :	1.2
MEAN - 1 STD. DEV. :	0.2
MEAN + 1 STD. DEV. :	2.6
MEAN + 2 STD. DEV. :	3.8
MEDIAN :	1.1
MODE :	0.3
SKEWNESS :	0.7
KURTOSIS :	2.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



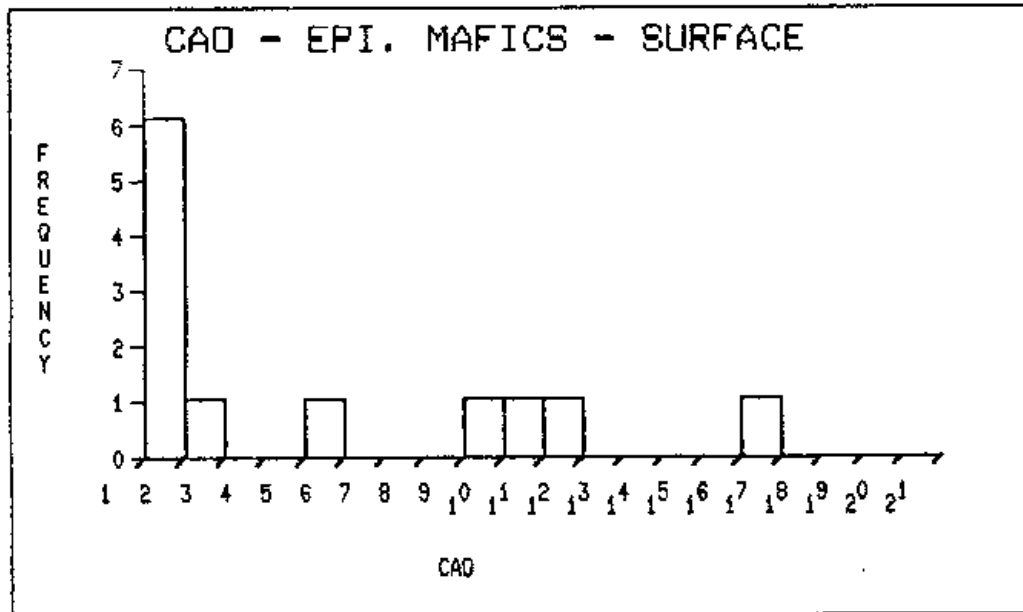
MGO - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	3.1
MAXIMUM :	11.0
MEAN :	6.0
STANDARD DEVIATION :	2.5
MEAN - 1 STD. DEV. :	3.6
MEAN + 1 STD. DEV. :	8.5
MEAN + 2 STD. DEV. :	11.0
MEDIAN :	5.0
MODE :	3.1
SKEWNESS :	1.3
KURTOSIS :	2.4
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



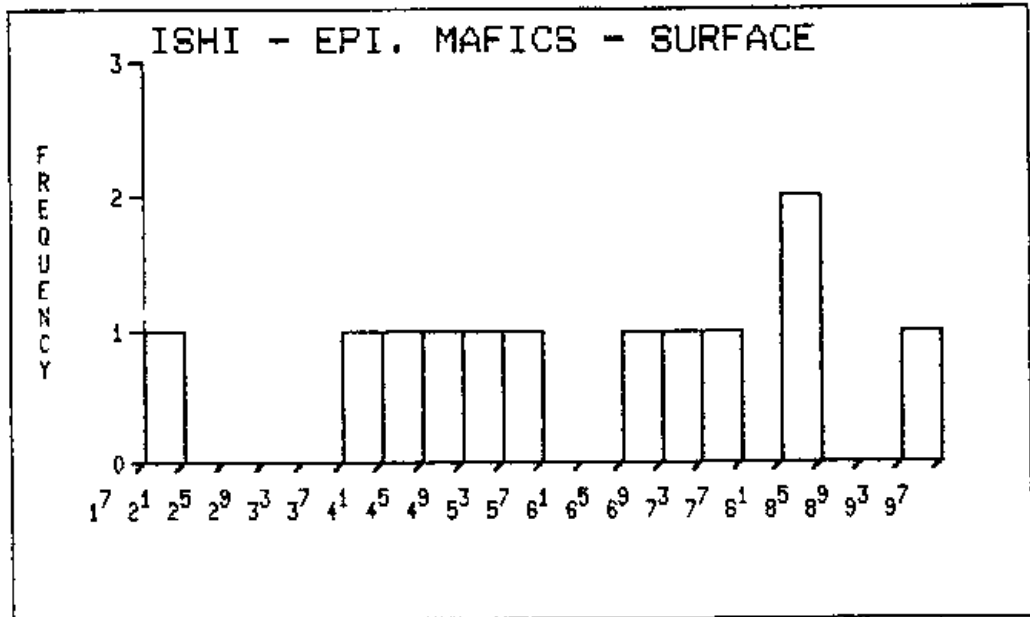
CAO - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	0.5
MAXIMUM :	16.4
MEAN :	4.9
STANDARD DEVIATION :	5.1
MEAN - 1 STD. DEV. :	-0.2
MEAN + 1 STD. DEV. :	10.0
MEAN + 2 STD. DEV. :	15.1
MEDIAN :	1.8
MODE :	0.5
SKEWNESS :	1.8
KURTOSIS :	2.6
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



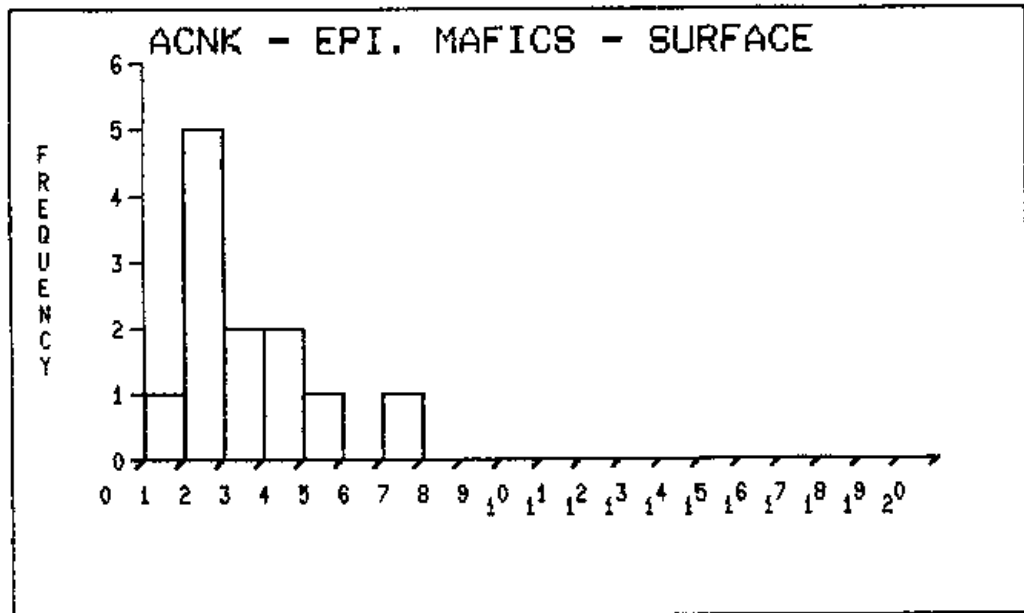
ISHI - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	17.2
MAXIMUM :	92.9
MEAN :	60.0
STANDARD DEVIATION :	21.1
MEAN - 1 STD. DEV. :	38.9
MEAN + 1 STD. DEV. :	81.1
MEAN + 2 STD. DEV. :	102.1
MEDIAN :	61.1
MODE :	17.2
SKENNESS :	-0.2
KURTOSIS :	2.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	4.0



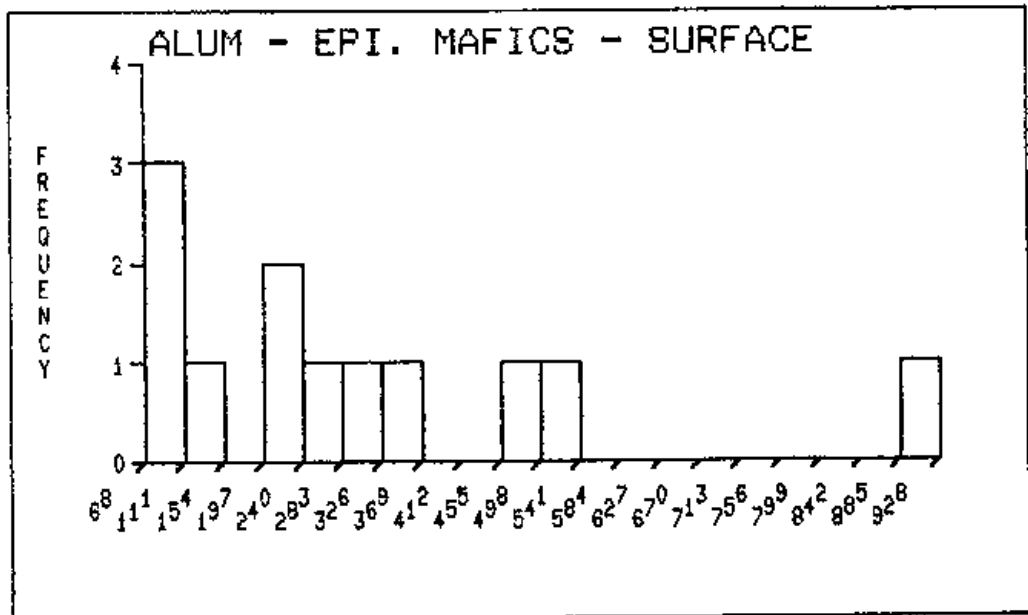
ACNK - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	0.4
MAXIMUM :	6.2
MEAN :	2.0
STANDARD DEVIATION :	1.6
MEAN - 1 STD. DEV. :	0.4
MEAN + 1 STD. DEV. :	3.6
MEAN + 2 STD. DEV. :	5.2
MEDIAN :	1.7
MODE :	0.4
SKEWNESS :	0.6
KURTOSIS :	4.4
NUMBER OF CLASSES :	20
CLASS INTERVAL :	1.0



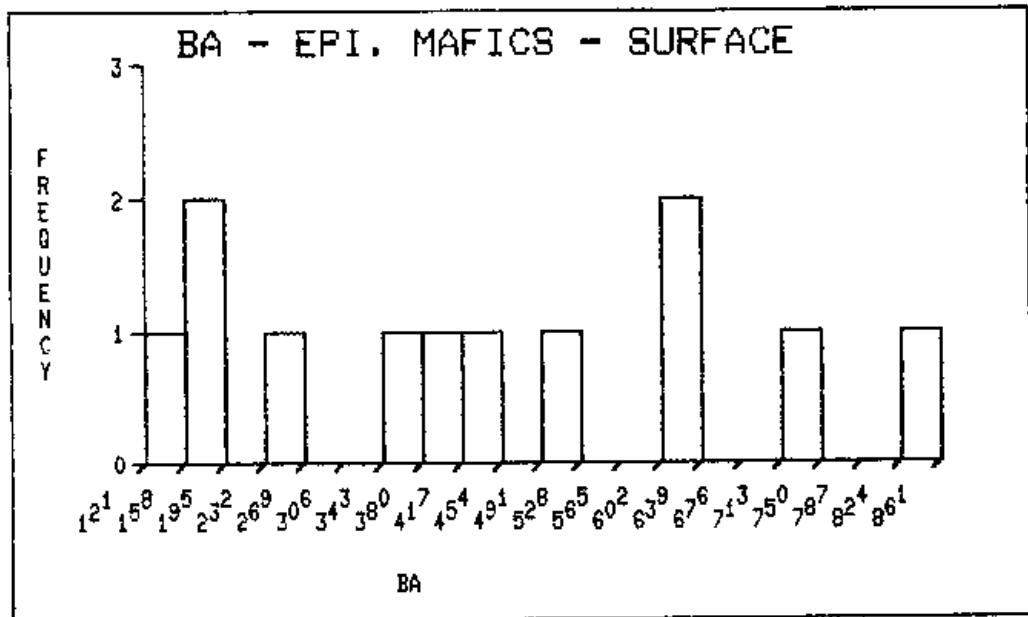
ALUM - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	67.5
MAXIMUM :	908.0
MEAN :	301.0
STANDARD DEVIATION :	227.9
MEAN - 1 STD. DEV. :	73.1
MEAN + 1 STD. DEV. :	528.9
MEAN + 2 STD. DEV. :	756.8
MEDIAN :	253.8
MODE :	67.5
SKENNESS :	0.6
KURTOSIS :	4.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	43.0



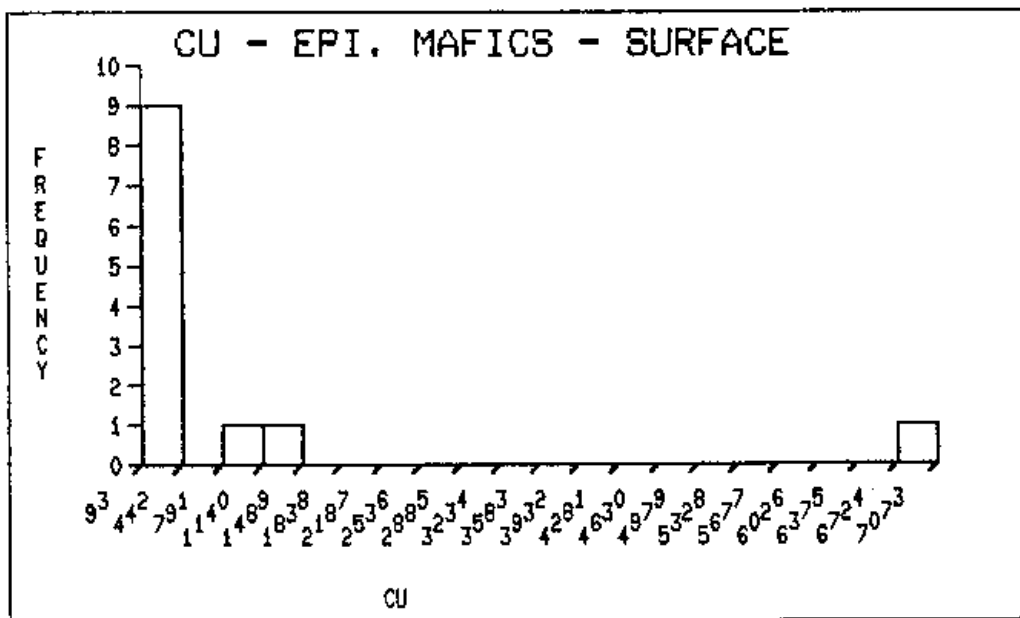
BA - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	121.0
MAXIMUM :	850.0
MEAN :	437.3
STANDARD DEVIATION :	225.9
MEAN - 1 STD. DEV. :	211.5
MEAN + 1 STD. DEV. :	663.2
MEAN + 2 STD. DEV. :	889.1
MEDIAN :	408.5
MODE :	121.0
SKENNESS :	0.4
KURTOSIS :	1.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	37.0



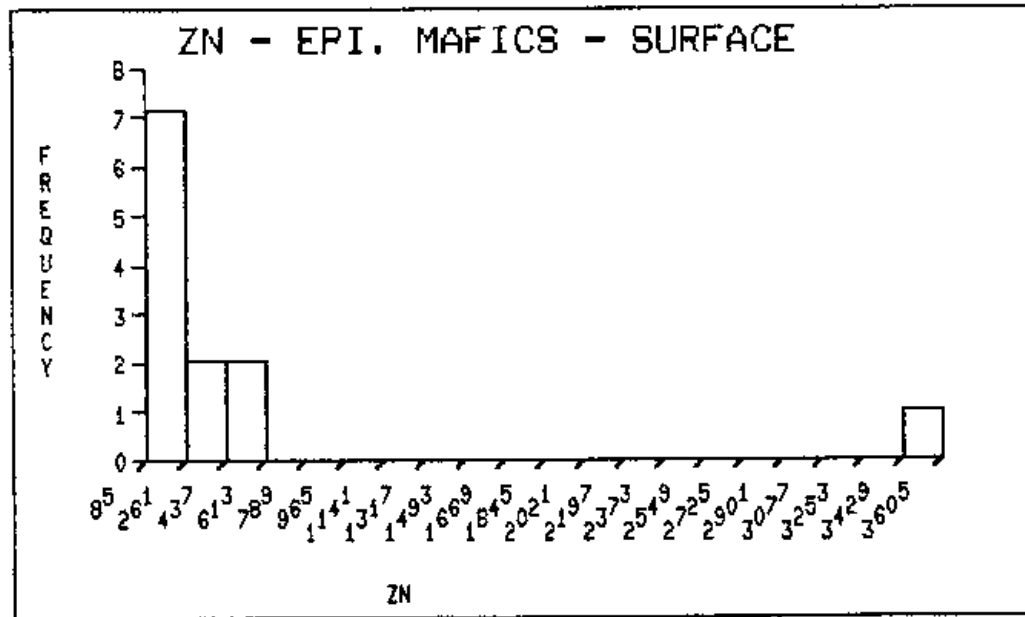
CU - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	93.0
MAXIMUM :	7060.0
MEAN :	933.5
STANDARD DEVIATION :	1882.7
MEAN - 1 STD. DEV. :	-949.2
MEAN + 1 STD. DEV. :	2816.2
MEAN + 2 STD. DEV. :	4698.8
MEDIAN :	196.5
MODE :	138.0
SKENNESS :	1.2
KURTOSIS :	9.4
NUMBER OF CLASSES :	20
CLASS INTERVAL :	349.0



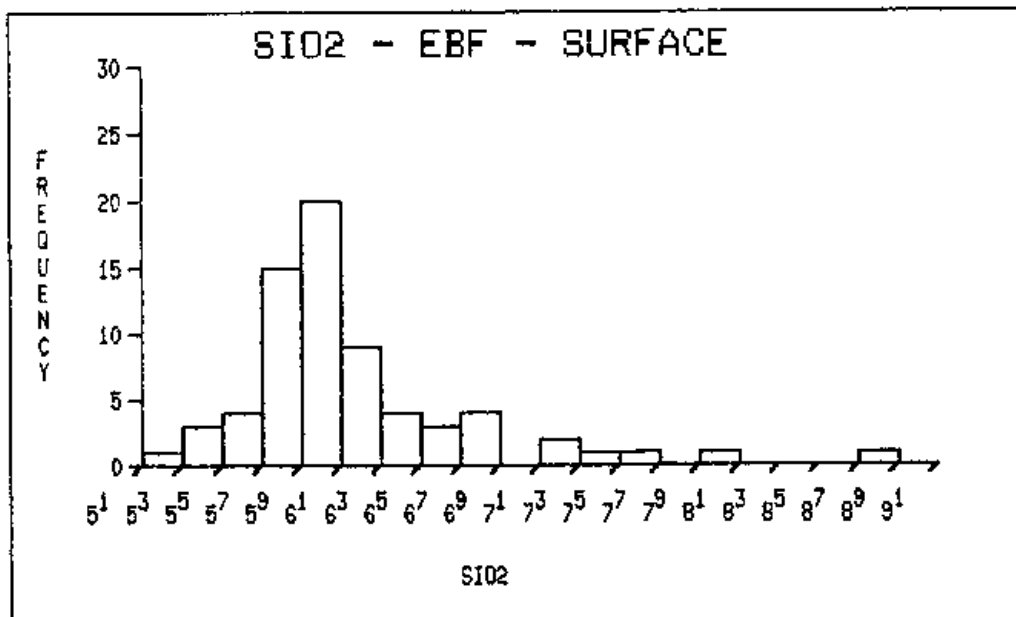
ZN - EPI. MAFICS - SURFACE

NUMBER OF SAMPLES :	12
MINIMUM :	85.0
MAXIMUM :	3590.0
MEAN :	529.3
STANDARD DEVIATION :	932.2
MEAN - 1 STD. DEV. :	-402.8
MEAN + 1 STD. DEV. :	1461.5
MEAN + 2 STD. DEV. :	2393.7
MEDIAN :	223.5
MODE :	85.0
SKEWNESS :	1.0
KURTOSIS :	9.7
NUMBER OF CLASSES :	20
CLASS INTERVAL :	176.0



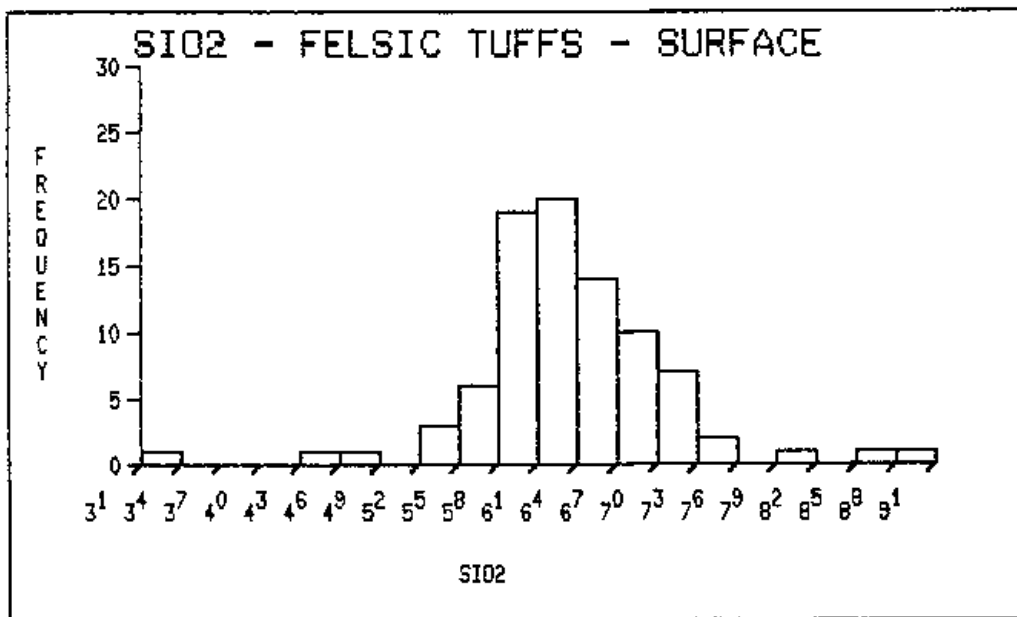
SI02 - EBF - SURFACE

NUMBER OF SAMPLES :	69
MINIMUM :	50.6
MAXIMUM :	86.8
MEAN :	61.2
STANDARD DEVIATION :	6.0
MEAN - 1 STD. DEV. :	55.1
MEAN + 1 STD. DEV. :	67.2
MEAN + 2 STD. DEV. :	73.2
MEDIAN :	59.8
MODE :	60.0
SKEWNESS :	0.7
KURTOSIS :	7.3
NUMBER OF CLASSES :	20
CLASS INTERVAL :	2.0



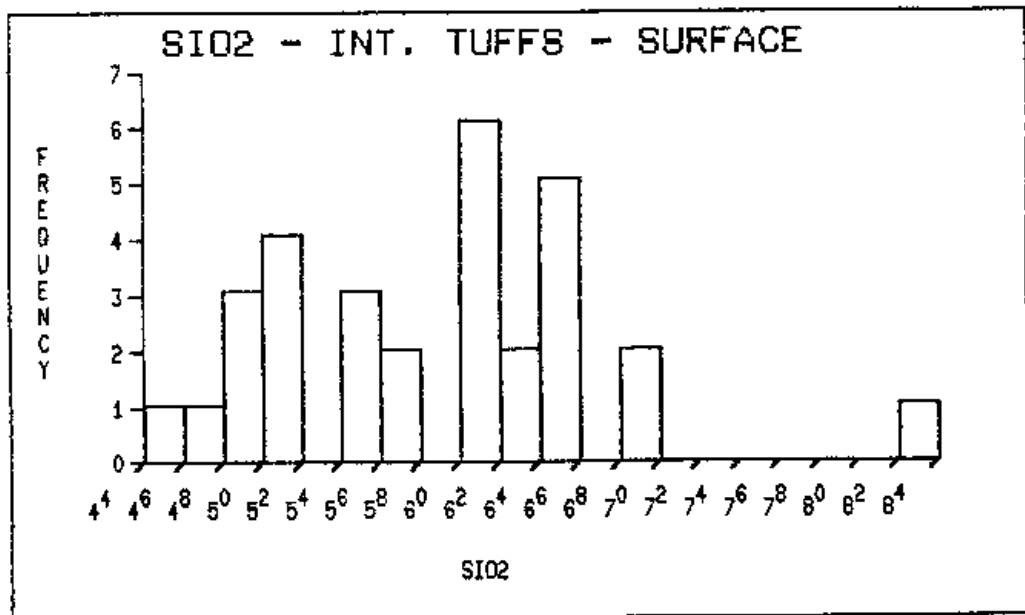
SiO2 - FELSIC TUFFS - SURFACE

NUMBER OF SAMPLES :	87
MINIMUM :	31.4
MAXIMUM :	87.5
MEAN :	62.9
STANDARD DEVIATION :	7.5
MEAN - 1 STD. DEV. :	55.4
MEAN + 1 STD. DEV. :	70.4
MEAN + 2 STD. DEV. :	77.9
MEDIAN :	62.5
MODE :	62.3
SKEWNESS :	0.1
KURTOSIS :	7.5
NUMBER OF CLASSES :	20
CLASS INTERVAL :	3.0



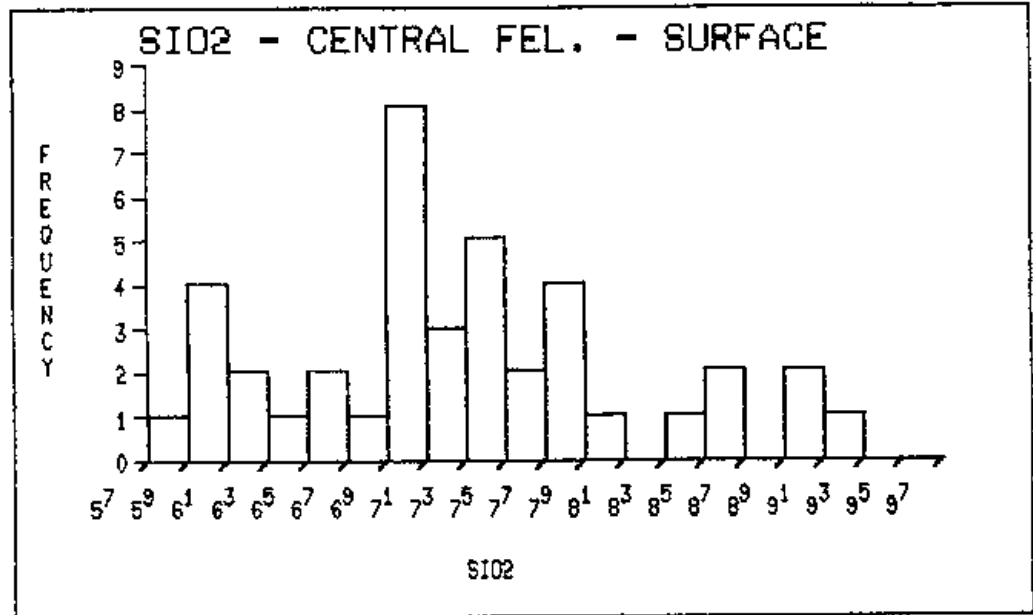
SiO2 - INT. TUFFS - SURFACE

NUMBER OF SAMPLES :	30
MINIMUM :	43.7
MAXIMUM :	82.5
MEAN :	58.1
STANDARD DEVIATION :	8.0
MEAN - 1 STD. DEV. :	50.1
MEAN + 1 STD. DEV. :	66.1
MEAN + 2 STD. DEV. :	74.2
MEDIAN :	59.8
MODE :	43.7
SKENNESS :	-0.6
KURTOSIS :	3.9
NUMBER OF CLASSES :	20
CLASS INTERVAL :	2.0



SI02 - CENTRAL FEL. - SURFACE

NUMBER OF SAMPLES :	40
MINIMUM :	57.0
MAXIMUM :	91.9
MEAN :	72.2
STANDARD DEVIATION :	8.5
MEAN - 1 STD. DEV. :	63.7
MEAN + 1 STD. DEV. :	80.7
MEAN + 2 STD. DEV. :	89.3
MEDIAN :	71.5
MODE :	69.6
SKEWNESS :	0.3
KURTOSIS :	2.7
NUMBER OF CLASSES :	20
CLASS INTERVAL :	2.0



SI02 - CENTRAL INT. - SURFACE

NUMBER OF SAMPLES :	97
MINIMUM :	6.1
MAXIMUM :	82.4
MEAN :	59.2
STANDARD DEVIATION :	11.3
MEAN - 1 STD. DEV. :	47.9
MEAN + 1 STD. DEV. :	70.5
MEAN + 2 STD. DEV. :	81.8
MEDIAN :	61.8
MODE :	59.8
SKEWNESS :	-0.7
KURTOSIS :	7.4
NUMBER OF CLASSES :	20
CLASS INTERVAL :	4.0

