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MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report June 26/80.

File No. 0-329 Date samples received June 20/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: Geochem samples

17 Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. T. Dillon, Horsefly, B.C.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: Cu,Pb,Zn,Ag-Acid digestion-chemical analysis.
Au-Fire and A.A. Finish.

Remarks:

DIAND - YUKON REGION. LIBRARY

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

AFE 0421

TO: Gulf Minerals Canada, PROJECT No. FAC 08117

Ste. 1400-110 Yonge St., DATE June 26/80.

Toronto, Ont. File No. 0-329

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
GMCL-1	.006	.01	.02	.11	.010
2	.007	.01	.02	.08	.004
3	.007	.01	.02	.03	.003
4	.026	.01	.01	.03	.004
5	.006	.01	.02	.03	.004
6	.008	.01	.02	.02	.005
7	.010	.01	.04	.02	.003
8	.004	.03	.01	.03	.002
9	.003	.01	.01	.03	.002
10	.006	.01	.01	.10	.003
11	.007	.01	.02	.10	.004
12	.008	.02	.04	.06	.001
13	.005	.02	.02	.05	.001
14	----	73.60	.28	3.10	----
15	----	17.20	.19	4.94	----
16	----	.36	.02	.26	----
GMCL-17	----	.10	.02	.27	----

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 16/80. June 26/80.

File No. 0-256R2, 0-256R Date samples received July 3/80

Samples submitted by: T. Dillon

Company: Gulf Minerals

Report on: 37 Mag fraction, 26 (=100 mesh) Geochem samples
37 non mag fraction

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-256R

DATE: July 16, 1980.

-100 Mesh

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-200	not enough sample													
201	100	30	154	17			1.34	9000		69	1230	5	600	23
202	14	15	34	2			0.31	5500		9	290	<5	580	16
203	12	11	30	1			0.06	6400		1	260	15	550	20
204	14	13	50	2			0.41	7700		5	350	5	800	29
205	29	21	60	2			0.81	3800		1	280	15	350	25
206	49	25	44	2			0.51	3600		9	325	10	420	12
207	31	21	58	1			0.71	9000		1	415	85	510	13
208	38	19	55	2			0.61	9500		<1	300	<5	450	20
209	42	22	52	2			0.51	9500		5	275	<5	500	12
210	34	30	57	1			0.41	2000		1	280	5	520	15
211	30	34	74	2			0.81	4200		3	300	10	480	15
212	26	27	72	2			0.81	4000		12	300	5	450	12
213	29	31	74	2			0.31	2300		6	400	5	430	24
214	not enough sample													
215	23	34	74	2			0.51	2000		8	410	<5	480	23
216	not enough sample													
217	90	42	104	2			1.09	0000		182	290	<5	700	18
218	25	62	40	2			0.91	8000		2	275	5	480	20
219	24	14	43	1			0.41	0500		9	325	5	600	5
220	25	14	33	1			0.51	5000		<1	165	5	550	3
221	19	12	38	1			0.61	6600		3	160	<5	600	2
222	not enough sample													
223	18	32	40	2			0.71	6700		1	250	10	650	2
224	not enough sample													
225	not enough sample													
226	not enough sample													
227	not enough sample													
228	9	12	39	1			0.31	0000		1	255	<5	550	2
CS80-229	12	40	64	2			0.61	0300		12	370	5	600	3

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-256R2

DATE: July 16, 1980.

-100 Mesh

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-230		30	60	64	2		07	11800		1	275	15	650	8
231		50	50	65	2		05	5600		2	200	10	500	12
232		not enough sample												
233		not enough sample												
234		not enough sample												
235		19	14	42	2		03	22300		11	310	10	450	6
CS80-236		16	13	33	1		05	18000		7	270	5	1100	4

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-256F

DATE: July 16, 1980.

Mag Fraction

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. % (Mag)
CS80-200	20	5	50	1		0.2			3	150	25	nes	20	0.02
201	60	10	140	2		0.2			<1	550	30	nes	170	0.08
202	20	5	120	1		0.1			<1	600	10	nes	150	0.14
203	20	5	100	1		0.1			2	700	20	nes	150	0.13
204	40	5	130	1		0.1			3	1200	10	nes	120	0.35
205	80	10	70	1		0.1			<1	300	10	nes	100	0.14
206	20	5	20	1		0.1			<1	50	5	nes	70	0.01
207	20	15	60	1		0.1			<1	150	10	nes	150	0.16
208	20	5	30	2		0.1			1	50	25	nes	150	0.02
209	40	5	40	1		0.1			1	50	10	nes	30	0.01
210	100	10	20	1		0.1			2	50	10	nes	20	0.01
211	80	5	40	1		0.1			2	100	15	nes	30	0.02
212	80	10	40	1		0.1			<1	100	15	nes	30	0.03
213	20	5	20	1		0.1			<1	100	10	nes	50	0.06
214	20	5	10	1		0.1			<1	50	10	nes	40	<0.01
215	20	5	20	1		0.1			<1	100	25	nes	30	0.01
216	20	15	70	1		0.5			<1	100	10	nes	120	0.33
217	60	10	50	1		0.2			<1	250	10	nes	80	0.17
218	240	18	210	2		0.3			<1	200	5	nes	40	0.19
219	20	5	20	1		0.1			4	100	5	nes	30	0.02
220	40	5	20	1		0.1			<1	100	10	nes	30	0.04
221	20	5	10	1		0.1			<1	100	10	nes	20	0.02
222	80	45	120	2		0.6			3	2200	5	80	350	0.72
223	20	5	30	1		0.2			<1	250	5	nes	80	0.09
224	20	5	20	1		0.1			<1	100	10	nes	20	0.02
225	130	5	10	1		0.1			1	250	10	nes	30	0.02
226	20	5	30	1		0.1			<1	400	5	nes	30	0.03
227	20	25	30	1		0.2			3	300	15	nes	60	0.11
228	20	5	20	1		0.1			2	100	10	nes	30	0.03
CS80-229	20	5	10	1		0.1			3	100	5	nes	20	0.02

*Results estimated due to insufficent sample size.

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COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 0-2561

DATE: July 1(

Mag Fraction

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. % (Mag)
CS80-230		20	5	120	1		01			6	50	25	nes	50	<0.01
231		60	5	110	1		01			1	50	10	nes	30	0.01
232		20	5	80	1		01			2	50	5	nes	40	0.01
233		20	5	100	2		01			2	50	10	nes	60	0.03
234		20	5	220	1		01			1	200	10	nes	90	0.08
235		20	15	100	1		01			1	200	5	nes	150	0.14
CS80-236		20	5	60	1		01			3	50	10	nes	40	0.01

*Results estimated due to insufficent sample size.

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256R

DATE: July 16

NON MAG. 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-200	530	60	650	40		15	194000		11	3000	5	nes	75	0.33	
201	200	3	280	44		17	112000		201	1490	5	600	57	3.55	
202	22	13	34	2		04	36000		7	390	10	580	35	8.30	
203	18	6	37	4		04	28500		4	390	5	420	24	3.31	
204	8	5	19	3		01	16100		4	280	450	400	23	5.88	
205	194	43	80	5		05	68000		5	533	5	400	23	1.88	
206	260	60	90	12		10	93000		16	930	5	nes	42	0.88	
207	270	38	90	6		04	61000		4	990	5	nes	40	1.44	
208	400	32	80	4		02	64800		9	510	5	nes	37	1.55	
209	336	95	100	9		08	151000		17	660	5	nes	30	1.04	
210	390	100	125	6		05	157000		15	600	5	nes	35	1.06	
211	256	103	145	9		08	211000		29	600	5	nes	40	0.98	
212	300	110	175	6		13	236000		46	640	5	nes	35	1.76	
213	550	125	210	30		08	200000		9	840	5	nes	40	0.42	
214	600	50	200	50		10	200000		1	750	15	nes	35	0.05	
215	350	118	180	15		09	168000		9	1270	5	nes	50	0.69	
216	200	64	93	7		07	85000		39	860	160	nes	24	3.07	
217	360	112	110	5		08	130000		134	1975	40	170	24	2.17	
218	60	190	178	5		20	200000		950	400	95	nes	15	4.61	
219	600	375	205	30		25	335000		48	925	5	550	35	0.60	
220	196	79	74	4		06	53000		27	390	10	630	15	3.06	
221	104	50	59	4		03	46000		16	345	5	500	22	2.73	
222	290	80	66	3		12	72000		33	815	5	700	24	3.28	
223	220	58	88	4		10	85000		36	660	5	630	25	4.03	
224	70	29	97	4		07	84000		22	550	15	600	20	2.87	
225	106	30	94	4		04	83000		28	540	5	680	25	3.88	
226	60	25	65	4		04	61000		3	510	5	nes	23	2.22	
227	100	29	56	3		04	78000		13	690	60	nes	22	3.07	
228	190	60	125	6		08	103000		32	1350	120	nes	22	2.51	
CS80-229	75	27	83	3		04	61000		14	560	5	820	24	4.55	

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

NON MAG.

FILE No. 0-256R

DATE: July 1(

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. mm% mag
CS80-230		60	50	100	8		1	05700		5	525	5	nes	28	1.28
231		260	155	125	10		2	21720		18	850	15	740	24	1.18
232		38	100	58	4		0	43950		1	490	<5	nes	18	1.36
233		52	63	95	10		0	78000		5	750	5	nes	24	1.20
234		72	63	108	6		1	08900		22	700	10	nes	25	3.04
235		200	60	150	12		1	31150		31	950	15	nes	24	0.95
CS80-236		108	63	400	12		1	61030		4	900	5	670	20	1.00

CERTIFIED BY:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report June 7/80.

File No. 0-256 Date samples received June 16/80.

Samples submitted by: Ted Dillon

Company: Gulf Minerals Canada

Report on: 91 H.M. 37 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. T. Dillon, Horsefly, B.C.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks: Sample CS 80-123 was missing.

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: Ted Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Straight Geochem

FILE No. 0-256

DATE: June 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	
CS80-200	2	8.8	16	87			10	39500		26	930	10	940	49	
201	7	56	17	110			10	32000		35	760	5	820	26	
202	1	7	6	31			06	13000		2	315	15	630	12	
203	1	7	7	25			05	14200		2	220	5	620	9	
204	1	8	10	37			06	15600		<1	295	5	930	18	
205	1	14	14	36			05	17300		1	215	<5	400	4	
206	1	18	14	42			04	19200		2	295	5	560	6	
207	1	16	16	55			05	22000		8	360	5	720	9	
208	1	22	14	39			05	17500		3	205	5	610	10	
209	1	17	14	47			07	19500		8	230	<5	620	8	
210	1	15	15	51			06	22500		2	245	<5	700	12	
211	1	17	15	56			08	25000		13	235	5	610	11	
212	1	22	17	55			07	26500		7	250	<5	680	8	
213	1	16	16	52			06	21000		13	275	5	670	9	
214	1	22	24	65			09	25000		4	440	5	560	12	
215	1	17	29	61			06	21500		1	310	5	630	11	
216	1	18	22	56			08	22000		2	290	10	540	14	
217	1	28	27	67			11	29000		10	270	5	630	13	
218	1	29	20	32			08	17800		10	280	5	300	12	
219	1	36	15	35			05	18300		2	240	<5	520	9	
220	1	14	15	29			04	13300		2	185	<5	470	5	
221	1	12	13	37			04	16200		<1	185	5	490	3	
222	1	16	12	31			06	18700		7	480	<5	480	5	
223	1	21	12	34			07	18300		<1	235	5	390	2	
224	1	15	13	49			08	19200		3	300	<5	470	3	
225	1	22	14	53			09	20500		7	310	10	440	9	
226	1	12	12	42			09	16500		8	295	5	500	6	
227	1	11	11	27			07	14800		<1	190	<5	280	3	
228	1	15	14	36			05	16700		1	265	<5	360	1	
CS80-229	1	14	16	47			08	18500		6	390	5	540	6	

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: Ted Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 0-256

DATE: June 1

Straight Geochem 1980.

Sample Number	Mx ppm	Cu ppm	Pb ppm	Zn ppm	Mx ppm Mo	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-230		11	15	43	1		0.7	18800		<1	235	5	490	6
231		16	14	46	2		0.8	24000		1	245	10	460	5
232		9	17	37	1		0.7	18100		<1	235	15	400	2
233		10	15	32	1		0.7	16400		3	315	15	380	3
234		12	16	43	2		0.8	18400		3	340	10	410	3
235		12	13	38	1		0.7	17000		7	295	5	400	4
CS80-236		8	15	25	1		0.8	13300		2	320	5	530	3

CERTIFIED BY:

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 1-256

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: June 16

ATTENTION: Ted Dillon

Heavy Mineral 1980.

Sample Number	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-3		1040	360	175	1		0.3	19400.0		200	545	5	190	8	2.06
5		750	200	270	1		0.4	29500.0		128	710	10	470	10	1.19
7		138	100	110	1		0.2	22400.0		145	225	10	320	6	2.28
✓8		6	4	26	1		0.1	18200.0		3	281	5	380	27	7.64
✓9		6	4	27	1		0.1	32000.0		<1	620	<5	290	37	5.69
12		265	45	250	1		0.4	22000.0		43	1020	175	370	30	0.86
13		195	80	400	1		0.3	22400.0		47	625	5	350	20	2.19
14		280	20	350	1		0.3	15300.0		54	1150	10	560	10	0.34
15		320	85	275	1		0.2	25000.0		101	1080	10	510	20	1.07
✓16		48	10	55	1		0.2	49000.0		7	275	15	400	29	1.13
✓17		13	9	32	1		0.1	36000.0		4	475	5	360	22	3.09
✓18		12	12	58	1		0.2	31500.0		8	600	10	290	21	1.12
✓19		25	12	63	1		0.2	15900.0		<1	570	15	330	28	1.13
22		36	16	56	1		0.1	33000.0		<1	325	5	340	16	2.61
✓24		10	11	33	1		0.1	16800.0		<1	250	5	370	15	11.67
✓26		18	20	115	1		0.3	58000.0		15	1050	20	690	25	0.78
✓27		41	23	100	11		0.3	64000.0		44	480	35	620	30	1.81
✓28		18	11	47	1		0.1	34000.0		4	440	5	320	20	3.54
✓30		14	9	58	1		0.1	26000.0		3	310	10	280	22	4.26
✓31		27	12	50	1		0.1	39000.0		1	345	5	200	16	6.59
✓33		19	6	53	1		0.1	29500.0		7	520	5	310	12	3.81
✓34		22	11	47	1		0.1	36000.0		6	465	<5	300	20	3.19
100		820	90	230	1		0.4	23000.0		97	970	20	370	22	0.67
101		1120	100	300	1		0.5	23000.0		95	850	15	410	20	0.58
102		555	150	265	1		0.4	24500.0		104	570	10	620	12	2.01
104		330	118	280	2		0.6	28800.0		77	410	10	300	14	2.73
✓122		30	12	42	1		0.1	46500.0		5	380	5	340	20	4.90
✓123		no	sample												
✓124		36	17	88	1		0.3	67500.0		<1	920	10	570	27	2.02
CS80-125		38	17	82	2		0.2	79500.0		<1	1275	5	900	30	3.54

Quest Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 0-230

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: June 16

ATTENTION: Ted Dillon

Heavy Mineral 1980.

Sample Number	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-105		370	140	240	2		2.9	37500		<1	500	30	180	8	1.47
106		8	31	57	1		0.5	19900		<1	570	5	390	39	5.39
107		62	26	78	1		0.8	74500		<1	800	10	360	61	8.62
108		134	87	150	1		1.6	17800		<1	920	15	370	14	2.13
109		155	95	185	1		1.6	18400		<1	990	10	310	5	1.57
110		270	110	257	2		2.0	17200		8	935	20	320	23	2.60
111		212	145	200	1		2.2	37500		3	320	20	210	6	0.91
112		204	115	250	1		2.0	20500		<1	1055	10	350	16	1.80
113		242	150	185	2		2.6	27500		14	760	20	420	13	1.93
114		161	155	200	1		2.2	24500		<1	1000	15	300	10	1.55
115		226	116	209	1		2.0	22400		1	310	20	250	6	3.22
116		30	23	44	1		0.8	52000		<1	415	15	460	27	4.67
117		12	19	44	1		0.9	68000		<1	1890	5	200	17	5.29
118		20	61	73	1		1.6	14500		<1	3200	5	480	32	5.03
119		44	33	62	1		0.9	64000		2	625	5	460	29	2.83
120		25	31	55	1		0.7	79500		<1	585	10	250	11	3.85
CS80-121		12	18	29	1		0.6	20000		<1	440	5	240	9	14.15

Gold Mineral Bureau

GEOCHEMICAL ANALYSIS DATA SHEET

0-256

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: June 16

ATTENTION: Ted Dillon

Heavy Mineral

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-126	10	45	50	1		1	0.2	8000		<1	890	5	480	24	0.42
127	14	17	42	2		0.4	4	1000		2	735	5	300	38	5.82
128	8	11	33	2		0.7	3	5000		4	550	5	300	21	14.51
129	11	13	39	1		0.6	4	0000		5	690	5	420	26	9.83
130	15	18	30	1		0.5	3	5500		<1	470	5	350	22	8.14
131	21	18	32	1		0.6	3	6500		<1	705	5	260	15	4.24
132	18	14	34	1		0.6	3	1000		<1	540	5	320	17	8.09
133	14	12	26	1		0.6	4	9500		<1	575	5	260	48	25.58
200	340	66	360	26		3.6	16	8000		11	2450	15	1650	37	1.01
201	191	55	347	39		2.9	12	6000		187	1460	10	670	65	5.75
202	16	22	51	2		0.7	3	9500		2	510	20	410	26	5.03
203	18	28	40	1		0.7	4	6500		20	485	45	300	23	9.68
204	6	16	30	1		0.6	2	5500		5	410	5	400	19	7.37
205	183	82	115	1		1.8	8	7000		9	610	25	800	20	2.63
206	390	105	160	2		2.2	12	2000		72	1110	15	610	26	2.01
207	398	100	100	1		2.0	11	8000		27	960	20	700	40	0.96
208	618	125	95	1		1.0	9	6000		40	520	20	660	27	1.37
209	485	175	150	1		3.1	9	8500		71	760	20	500	25	1.06
210	520	195	160	1		3.2	21	2000		32	825	25	610	18	0.73
211	394	168	175	2		2.4	22	8000		131	620	30	500	16	1.35
212	285	115	145	2		2.8	21	2000		134	580	15	460	18	2.18
213	276	145	175	16		2.2	20	2000		112	775	330	610	24	1.13
214	188	190	140	1		2.0	22	5000		48	990	15	550	45	0.53
215	270	140	150	1		2.0	16	0000		50	695	15	520	27	0.86
216	420	260	215	10		3.6	27	0000		116	850	20	510	16	1.08
217	330	131	230	1		2.4	21	6000		116	450	10	220	13	4.61
218	258	107	100	1		1.6	14	5000		13	1420	10	490	35	2.51
219	160	87	103	5		1.5	12	8000		9	715	5	560	40	3.44
220	176	93	93	1		0.7	6	5000		24	465	10	540	14	4.40
CS80-221	97	77	79	1		0.7	5	2000		<1	395	5	520	11	2.75

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 0-236

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: June 16

ATTENTION: Ted Dillon

Heavy Mineral 1980.

6 Sample. Number 81 86	10 Mo ppm 90	15 Cu ppm 95	20 Pb ppm 100	25 Zn ppm 105	30 Ni ppm Mo 110	35 Co ppm 115	40 Ag ppm 120	45 Fe ppm 125	50 Hg ppb 130	55 As ppm 135	60 Mn ppm 140	65 Au ppb 145	70 Ba ppm 150	75 V ppm 155	80 H.M. % 160
CS80-222		190	65	78	3		16	152000		25	875	85	380	45	4.62
223		161	60	97	1		13	90000		14	695	20	480	12	3.90
224		66	42	120	1		10	102000		18	660	15	520	12	3.51
225		108	44	119	1		10	102000		27	715	25	560	13	4.66
226		69	38	130	1		10	98000		7	965	25	580	23	2.17
227		86	50	96	1		12	118000		27	1125	20	340	17	2.11
228		146	75	150	1		11	118000		17	1380	35	540	15	1.92
229		58	42	106	1		07	72000		15	640	15	590	16	3.80
230		244	124	165	1		18	174000		64	840	20	610	16	1.35
231		55	49	122	1		08	81500		14	740	25	760	8	2.31
232		63	80	120	1		10	66000		17	1680	30	710	12	1.01
233		69	80	100	1		12	61500		21	1500	25	360	13	0.93
234		159	100	195	1		15	99500		178	1490	30	750	45	0.81
235		60	130	80	1		20	98000		20	1200	20	440	8	0.18
CS80-236		76	74	117	1		11	102000		19	935	25	520	20	2.55

Dillon

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 11/80.

File No. 0-323 Date samples received June 19/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: 73 H.M. 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. T. Dillon, Horsefly, B.C.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 0-323

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 1

ATTENTION: T. Dillon

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-68	2	54	45	69	2		03	52000		10	1340	10	1020	10	2.56
69	2	170	64	210	4		12	170000		29	700	25	230	8	2.28
70	2	276	99	360	5		21	300000		39	900	15	360	8	0.97
71	2	280	150	240	5		08	210000		83	1050	5	540	10	0.55
72	2	100	70	150	5		05	150000		19	850	5	375	10	0.64
73	2	21	28	45	1		09	160000		12	340	10	510	140	3.33
74	2	22	30	45	1		03	430000		6	265	5	450	22	2.73
75	2	50	25	60	1		06	860000		6	800	5	290	24	2.54
76	2	17	8	37	1		03	580000		8	600	10	330	60	19.90
77	2	49	12	51	2		04	470000		1	520	5	520	53	4.58
78	2	21	10	52	2		04	660000		4	515	<5	260	66	14.22
79	2	33	20	69	1		05	920000		<1	470	<5	575	56	7.38
80	2	17	3	34	2		02	420000		1	270	5	410	56	11.57
81	2	16	5	35	1		02	410000		2	380	5	695	38	8.69
82	2	19	7	23	1		01	340000		8	490	5	720	16	2.61
83	2	16	4	29	1		01	430000		3	360	5	580	48	16.06
84	2	16	6	36	1		01	370000		5	440	5	775	32	11.49
85	2	9	4	23	1		01	320000		18	410	<5	290	22	5.93
87	2	31	28	74	3		04	890000		5	445	5	650	14	2.70
88	2	32	25	62	2		04	830000		8	365	5	470	16	4.41
89	2	21	19	55	1		03	660000		8	325	5	850	24	2.61
90	2	17	22	100	2		02	410000		3	465	5	620	24	2.50
91	2	20	18	79	2		02	560000		6	490	10	940	16	2.52
92	2	46	75	305	4		06	1210000		29	510	10	715	26	2.44
93	2	20	14	86	2		01	530000		5	850	10	460	16	6.35
94	2	20	15	74	2		01	530000		11	785	10	500	18	2.90
95	2	58	78	203	3		08	1450000		23	550	15	990	26	3.23
96	2	2	2	15	1		01	110000		7	320	10	640	10	5.99
97	2	10	7	32	2		01	300000		1	510	5	630	14	10.37
CS80-98	2	10	39	48	1		01	310000		7	415	5	380	5	4.97

CERTIFIED BY

COMPANY: Gulf Minerals Canada

GEOCHEMICAL ANALYSIS DATA SHEET

0-323

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 11 1980.

ATTENTION: T. Dillon

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-99		52	58	250	4		1.0	14000.0		40	1120	1.5	890	3.6	1.57
CS80-315		29	60	65	2		0.7	46000.0		<1	450	1.0	480	8	1.88
316		185	410	425	28		4.6	18000.0		63	1180	1.5	320	220	3.25
317		142	156	347	22		2.7	18600.0		54	745	1.0	300	260	3.76
318		144	59	227	12		2.1	17400.0		21	830	5	330	250	3.34
319		90	60	190	6		0.7	11500.0		37	970	1.5	600	12	0.83
CS80-320		160	100	350	6		1.0	16000.0		61	1270	1.5	780	24	1.66
CS80-170		26	14	75	2		0.4	58000.0		3	650	1.0	340	4.0	5.71
171		15	6	45	2		0.1	33000.0		8	325	1.5	350	24	9.74
172		25	6	34	2		0.2	50000.0		<1	485	2.5	190	48	15.73
173		27	10	46	1		0.2	44000.0		<1	430	1.0	220	40	13.29
174		23	9	40	1		0.3	69000.0		<1	505	1.5	160	80	18.79
175		18	6	33	1		0.2	42000.0		<1	275	2.0	360	52	28.21
176		15	8	35	1		0.2	51000.0		<1	570	1.5	200	50	11.48
177		180	112	380	8		2.8	25600.0		8.9	1560	2.0	1000	40	1.45
178		110	100	450	8		1.4	15300.0		3.3	920	2.0	810	1.6	1.38
179		56	40	125	3		0.4	90000.0		2.4	720	1.0	750	1.8	0.92
180		46	50	160	4		0.4	10600.0		3.7	600	8.6	800	2.8	1.58
181		244	199	390	6		4.9	24000.0		6	2120	4.0	620	3.0	3.16
182		97	87	267	4		0.8	15000.0		1.6	1430	2.0	870	2.2	3.29
183		120	70	350	5		0.6	16000.0		7.1	740	3.5	1000	1.8	2.06
184		241	525	690	7		3.0	21000.0		6.4	1740	1.9	3000	5.2	2.97
185		243	530	610	7		4.3	23000.0		3.7	1720	10.50	1980	9.8	3.87
186		187	255	455	6		2.5	24000.0		8	1620	5.0	1100	127	11.75
187		260	200	690	35		2.7	20000.0		6.7	1300	3.0	950	100	2.09
188		193	108	374	16		2.5	17600.0		2.4	1080	3.5	490	9.5	6.22
189		170	61	232	12		2.9	20000.0		3.3	790	1.5	340	495	3.21
CS80-190		215	150	420	25		1.0	16000.0		6.4	1350	3.5	1500	5.0	1.65
CS80-300		23	32	56	23		0.2	55000.0		1	1530	2.0	470	8	6.12
CS80-301		124	45	70	5		0.4	64000.0		2	1470	1.5	380	9	6.03

CERTIFIED BY

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — F... D-323

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 11

ATTENTION: T. Dillon

Heavy Mineral 1980.

6 Sample. Number 81–86	10 Mn ppm 90	15 Cu ppm 95	20 Pb ppm 100	25 Zn ppm 105	30 Mo ppm 110	35 Co ppm 115	40 Ag ppm 120	45 Fe ppm 125	50 Hg ppb 130	55 As ppm 135	60 Mn ppm 140	65 Au ppb 145	70 Ba ppm 150	75 V ppm 155	80 H.M. % 160
CS80-302		78	40	50	3		02	39000		7	620	30	375	8	6.41
✓303		60	60	60	6		05	70000		7	790	20	390	24	1.79
✓304		92	61	62	3		02	108000		1	620	30	520	68	3.18
✓305		53	51	52	4		02	104000		2	415	40	300	55	4.28
✓306		130	71	118	4		02	98000		5	1200	5	460	16	3.45
✓307		136	77	342	5		05	156000		98	2100	10	670	20	2.93
✓308		176	124	500	10		15	200000		119	2450	15	820	30	3.72
✓309		78	100	295	7		07	275000		113	2300	15	630	55	1.35
✓310		325	230	600	15		39	240000		203	3300	65	770	70	2.19
✓311		200	146	415	7		23	200000		132	2800	130000	670	48	5.45
✓312		150	130	440	8		06	200000		94	2200	45	740	30	1.73
✓313		460	2540	1480	32		62	200000		292	4080	30	2950	36	7.03
CS80-314		178	279	490	11		14	200000		223	2360	40	875	60	6.65

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-323

DATE: July 11

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	Mo ppm
CS80-68		20	15	50			0.6	44000		<1	1590	5	270	8	1
69		25	21	70			0.6	27000		5	340	5	480	7	1
70		25	19	74			0.9	46000		3	330	5	620	8	1
71		20	17	72			0.7	44000		<1	315	10	470	12	1
72		12	19	54			0.6	29000		3	300	10	500	6	1
73		16	12	47			0.6	30000		<1	190	10	390	12	1
74		12	13	46			0.5	27000		<1	185	15	380	6	1
75		14	11	42			0.6	27000		<1	515	10	290	12	1
76		14	14	48			0.7	30000		<1	270	20	400	20	1
77		24	12	50			0.7	32000		1	415	25	420	34	2
78		16	11	54			0.9	26000		<1	280	5	390	25	1
79		13	18	52			1.0	29000		<1	285	5	500	12	2
80		22	11	63			0.8	32000		1	350	15	600	36	1
81		16	12	53			0.9	30000		<1	315	5	570	26	1
82		8	7	24			0.7	15000		8	245	10	740	12	1
83		16	10	42			0.8	28000		<1	225	5	500	32	1
84		14	11	46			0.8	25000		<1	255	15	470	16	1
CS80-85		8	7	30			0.7	17000		<1	200	5	270	12	1
CS80-300		16	18	68			1.0	40000		<1	620	5	420	10	1
01		18	13	43			0.9	26000		<1	310	5	250	6	1
02		18	15	43			1.0	27000		<1	305	5	320	8	1
03		24	17	52			0.5	30000		<1	360	5	200	7	1
04		19	16	50			0.6	31000		2	325	10	440	10	1
05		16	17	50			0.5	34000		3	230	5	420	14	1
CS80-306		29	20	66			0.7	46000		<1	415	5	360	14	1

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 11/80.

File No. 0-301 Date samples received June 19/80.

Samples submitted by: T. K Dillon

Company: Gulf Minerals

Report on: 89 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. T. Dillon, Horsefly, B.C.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

EXPLORATION DEPT.
G.W.C.T.
JUL 12 1980
RECEIVED

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 0-301

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 11

ATTENTION: T. Dillon

Heavy Mineral 1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-1		505	160	130	4		08	200000		193	370	10	310	20	1.13
2		1220	240	212	2		19	168000		198	515	20	320	14	2.73
4		278	102	219	2		16	165000		51	820	15	380	20	2.78
6		400	100	250	4		05	390000		31	550	25	110	10	0.56
10		119	62	143	2		11	130000		33	710	110	350	20	2.59
✓11		22	6	40	1		03	330000		9	620	20	390	15	10.01
✓20		46	22	72	4		04	560000		13	560	25	370	28	1.44
✓21		60	31	75	4		05	660000		1	770	10	360	30	1.93
22		no sample					•								
✓23		25	14	57	2		07	420000		6	350	25	525	6	3.30
✓25		6	8	46	1		03	280000		<1	750	25	315	6	2.30
✓29		13	9	27	2		04	270000		3	360	10	740	12	6.13
✓32		21	9	65	4		03	350000		9	640	25	620	8	1.00
✓35		216	106	300	4		18	164000		47	1320	25	940	30	2.79
✓36		69	55	230	4		10	104000		34	600	35	1150	38	20.14
✓37		125	107	400	7		14	147000		61	1000	30	2050	40	2.39
✓38		100	100	900	10		08	150000		41	750	15	32000	40	0.63
✓39		350	40	400	5		06	110000		16	600	25	3900	40	0.91
40		300	175	200	3		07	330000		150	700	15	275	16	0.78
41		360	120	210	3		06	320000		66	660	20	220	8	0.77
42		92	41	101	2		09	114000		6	765	35	280	16	3.11
43		74	90	975	2		11	300000		64	2750	10	320	80	3.27
44		78	48	91	2		12	112000		21	540	15	440	6	3.08
✓45		28	17	50	1		05	62000		16	475	10	375	26	7.03
✓46		6	4	21	1		03	160000		5	385	20	250	12	19.85
✓47		11	4	22	1		04	180000		4	240	20	650	28	5.30
✓48		18	8	37	1		03	380000		6	510	10	430	26	5.43
✓49		66	37	103	3		10	870000		9	625	20	500	30	3.46
✓50		33	17	67	3		05	540000		7	450	15	570	22	3.47
CS80-51		194	112	200	2		22	178000		15	245	20	380	22	6.52

CERTIFIED BY

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 0-30

PROJECT No.: AFE 0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 1 1980.

ATTENTION: E. Dillon

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-52	5	273	143	328	2.6	25000.0		92	750	15	200	10	2.73
53	2	105	92	88	1.2	18500.0		102	75	35	120	2	5.71
54	3	210	113	137	1.6	18500.0		94	130	25	160	2	4.55
55	3	210	101	204	1.8	16800.0		94	380	15	200	2	3.59
56	3	131	89	101	1.3	18000.0		71	205	15	260	2	23.00
57	2	180	93	194	1.6	17600.0		62	345	20	170	2	4.53
58	3	173	109	131	1.6	19000.0		52	225	25	270	3	3.34
59	3	193	129	123	2.0	21000.0		117	300	35	260	4	5.43
60	5	96	88	150	0.7	12000.0		68	840	25	580	4	2.15
61	3	86	78	180	0.9	10100.0		49	800	960	530	10	2.40
62	1	25	27	53	0.4	76000.0		9	760	15	270	26	4.72
63	2	56	66	87	0.4	75000.0		3	810	20	380	20	3.86
64	2	64	63	96	0.6	79000.0		12	605	15	400	32	3.17
65	3	46	26	63	0.6	74000.0		14	730	15	490	16	2.29
66	1	31	14	52	0.3	58000.0		5	775	5	300	22	5.30
CS80-67	1	50	22	56	0.7	89000.0		13	640	20	260	28	4.86
CS80-103	5	375	210	350	1.2	37500.0		98	810	20	320	12	0.97
123	3	67	18	88	0.9	64000.0		5	795	15	500	50	4.22
134	2	41	22	108	0.5	64000.0		11	760	25	590	46	5.05
135	8	144	91	390	1.2	14200.0		73	1160	25	1120	30	6.31
136	11	171	105	495	1.8	17000.0		49	2320	25	980	45	3.90
137	11	189	149	546	2.0	18000.0		74	1530	20	3250	66	2.60
138	10	221	150	690	2.1	18500.0		94	1590	15	3700	68	2.85
139	8	48	20	230	0.9	68000.0		9	1120	10	1370	18	0.68
140	6	42	18	90	0.5	75000.0		33	1440	25	800	18	0.92
141	2	14	7	40	0.5	44000.0		2	690	10	190	24	11.01
142	2	8	4	32	0.2	32000.0		5	695	15	170	16	6.08
143	3	15	8	50	0.3	35000.0		12	765	15	250	14	1.87
144	2	11	9	46	0.4	37000.0		<1	1370	25	270	20	3.17
CS80-145	2	6	6	25	0.1	23000.0		4	730	20	140	14	6.92

CERTIFIED BY

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — File No. 0-323

PROJECT No.: AFE0421 FAC 08117

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 1

ATTENTION: T. Dillon

Heavy Minerals 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	H.M.%	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	Mo ppm
CS80-146	1	5	6	19	6.49		01	22000		<1	725	10	100	16	1
47	1	8	5	32	7.33		01	24500		4	550	20	200	17	1
48	1	22	9	38	4.68		02	34000		1	470	5	290	20	2
49	1	39	27	106	5.66		04	72000		82	580	15	600	10	2
50	1	21	9	40	2.30		02	38000		<1	490	20	320	20	3
51	1	21	16	41	8.82		02	54000		5	510	10	340	24	2
52	1	29	26	76	3.04		05	67000		3	625	45	310	19	2
53	1	100	80	180	1.88		13	210000		79	920	35	570	6	4
54	1	40	36	69	4.59		06	77000		4	630	10	300	24	2
55	1	51	49	80	5.11		04	78000		8	650	20	400	20	2
56	1	150	70	120	1.13		10	150000		24	575	35	400	25	5
57	1	150	60	240	2.09		12	210000		27	920	10	300	8	5
58	1	40	29	71	3.39		04	51000		1	700	20	420	14	2
59	1	230	126	280	1.56		26	160000		46	920	20	220	20	6
60	1	200	130	275	2.45		25	220000		55	530	15	180	4	4
61	1	150	75	100	0.51		02	150000		43	920	5	380	10	12
62	1	210	120	300	1.66		25	270000		47	1100	10	170	12	5
63	1	100	45	115	2.51		16	176000		9	720	10	200	16	5
64	1	27	16	49	4.59		05	54000		2	545	10	270	34	1
65	1	21	13	38	5.93		03	47000		<1	445	15	220	26	1
66	1	11	7	24	3.99		02	39000		<1	470	15	200	53	1
67	1	26	6	35	2.97		03	31500		6	495	25	330	40	2
68	1	14	10	53	2.74		04	38000		5	545	10	300	20	2
CS80-169	1	44	15	40	17.20		04	67000		2	490	15	290	50	1
CS80-237	1	95	70	190	1.47		08	116000		45	940	15	600	12	10
38	1	28	17	76	3.53		05	59000		2	510	20	400	24	3
39	1	80	44	88	3.02		09	45000		29	620	15	360	24	2
40	1	28	10	58	3.49		04	50000		6	520	20	330	24	1
41	1	83	41	126	3.43		12	155000		<1	580	15	370	20	4
CS80-242	1	26	16	50	2.50		04	47000		<1	400	15	320	24	2

CERTIFIED BY:

July 20/80

Sfoka KM Baker II

EL	M	SD	M+2SD
Pb	67.85	81.86	231.57
Zn	173.18	179.1	531.4
Ag	0.95	1.009	2.95
Ba	584.93	590.99	1766.91
U	35.12	51.91	158.9

Batch II

HM.

Pb. M = 107.18
SD = 379.22

M+2SD = 865.45.

Pb (No 2500).
M 67.85
SD 81.86

M+2SD = 231.57.

Zn M 173.18
SD 179.1
M+2SD 179.10 = 531.4

Ag. Batch II
M 0.946
SD = 1.009
M+2SD = 2.95.

U
M 35.12
SD 51.91
M+2SD 138.9 = 140.

Ba: M 778.85 584.93
SD 2537.54 590.99
M+2(SD). 5853.93. 1766.91

STR.

Grch.

EL.	M	SD	M+2SD
Pb	14.24	3.88	22.01
Zn	51.50	12.15	75.80
Ag	0.732	0.16	1.052

10	100	200	300	400	500
3, 5, 7-9	~~126-133~~	~~200~~ - 236	315-320		
1-19	~~100-104~~	237-242	300-314		
22, 24, 26-28	~~122-125~~				
~~30-34~~	~~105-121~~				
	170-190				
68-85					
87-99	~~103~~				
	~~123~~				
1, 2, 4, 6	~~134-169~~				
10, 11					
20, 21					
23, 25					
29					
32					
35-67					
1-67	100-190	200-242	300-320.		

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report July 18/80.

File No. 0-366 Date samples received June 27/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: 72 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. T. Dillon, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — 1-366

PROJECT No.: AFE 0421 FAC 08115

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 18

ATTENTION: T. Dillon

Heavy Mineral 1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-186	95	52	145	4	30	11400.0		5	2640	5	290	15	3.12
191	235	189	610	16	44	18600.0		2	1840	5	5200	65	2.76
192	110	56	485	13	23	8900.0		<1	1230	5	28000	250	2.34
193	80	50	680	13	30	9100.0		1	1030	5	3750	185	1.83
194	83	80	650	11	19	12600.0		<1	1320	10	3100	12	1.73
195	68	86	232	3	17	11200.0		<1	1160	5	1225	38	3.04
196	22	27	97	5	13	5700.0		<1	1000	5	470	48	2.45
197	20	58	105	3	11	6350.0		<1	1220	5	1560	60	3.73
198	220	93	370	10	20	16900.0		11	2500	10	450	75	2.14
199	240	60	550	40	24	14300.0		20	1955	10	28500	56	1.36
243	200	193	373	7	22	18400.0		14	2080	5	1080	50	3.47
244	400	165	600	20	29	27500.0		18	2566	20	570	90	1.43
245	325	336	370	8	28	23000.0		11	2310	5	640	27	2.31
246	180	131	610	17	16	18000.0		10	1200	5	2500	35	2.52
321	265	430	715	31	34	18200.0		29	1680	5	16000	85	1.99
322	230	204	540	16	22	20000.0		24	2080	<5	3150	40	2.66
323	430	110	1400	75	30	23600.0		30	2870	5	6350	70	1.61
324	60	56	119	2	10	12200.0		<1	1260	5	975	65	3.57
325	120	342	2080	15	18	20600.0		16	833	5	32500	25	1.54
326	80	250	1400	90	15	19000.0		25	1620	10	16500	85	0.47
327	16	16	110	3	05	5400.0		<1	715	5	1360	20	1.85
328	28	23	62	3	06	7900.0		6	1040	15	450	25	5.21
329	70	42	109	2	10	8800.0		1	1840	10	520	10	4.42
330	125	78	277	7	15	10600.0		16	1030	10	1575	10	4.45
331	230	150	575	18	30	19000.0		24	1860	5	780	55	1.84
332	73	61	163	5	10	9400.0		2	960	<5	1450	50	5.41
333	56	35	146	4	09	6900.0		5	700	5	1250	50	4.61
334	185	137	540	14	30	20000.0		24	2160	220	625	45	2.84
335	185	124	530	13	25	20000.0		23	2200	5	875	45	2.58
CS80-336	196	109	590	15	32	24000.0		35	2160	10	750	30	2.64

CERTIFIED BY

COMPANY: Gulf Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — File # 0-245

PROJECT No.: AFE 0421 FAC 08115

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 1[illegible]

ATTENTION: T. Dillon

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-337	1	215	630	770	5		40	210000		39	2900	1500	720	18	4.49
338	1	290	72	325	7		20	188000		80	1720	65	650	48	1.69
339	1	143	90	403	5		31	194000		17	1940	1200	1100	19	4.47
340	1	140	87	310	5		20	171000		89	1800	40	625	15	1.99
341	1	370	240	975	20		30	250000		91	2415	20	850	24	1.77
CS80-342	1	270	143	730	14		39	219000		3	1625	5000	730	51	2.13

CERTIFIED BY:

COMPANY: [illegible] Minerals Canada — GEOCHEMICAL ANALYSIS DATA SHEET — D-166

PROJECT No.: AFE 0421 FAC 08115

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 18

ATTENTION: T. Dillon

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-343	1	40	14	56	2		0.9	44000		<1	530	5	450	33	8.22
344	1	44	11	104	2		0.8	58000		<1	600	<5	520	20	3.84
345	1	16	8	35	2		0.7	31000		<1	520	5	360	10	5.00
346	1	8	3	29	1		0.9	17500		1	340	<5	425	8	8.38
347	1	8	3	23	1		0.7	18000		4	330	<5	630	16	11.06
348	1	4	2	15	1		1.6	12600		<1	340	<5	400	18	5.05
349	1	10	8	26	1		1.2	18600		4	265	5	1150	13	7.60
350	1	44	31	79	2		1.5	65000		1.6	440	<5	960	17	3.41
351	1	34	13	85	4		0.8	38000		1.5	280	5	1240	19	1.61
352	1	74	42	84	5		2.0	71000		5.6	460	5	950	32	4.27
353	1	73	17	54	3		1.2	36500		1	415	<5	820	17	4.35
354	1	125	51	130	7		2.3	98000		6.0	510	10	1125	48	4.13
355	1	128	161	199	3		3.3	75000		6.2	590	<5	1370	63	7.55
356	1	21	18	44	2		0.7	36000		6	610	5	575	32	5.98
357	1	194	318	361	41		6.0	185000		15.4	900	6.5	1050	16	10.88
358	1	180	50	650	50		3.0	180000		18.0	1000	<5	1080	12	0.42
359	1	140	34	75	5		1.8	63000		9.0	1050	5.0	940	92	2.51
400	1	134	63	382	7		1.8	183000		6.2	2400	5	450	33	3.56
401	1	350	210	800	20		4.5	221000		13.3	1500	5	725	63	1.95
402	1	230	225	680	18		3.0	206000		10.9	1200	2.5	740	46	1.94
403	1	112	69	243	6		1.1	140000		5.3	1130	5	930	48	2.79
404	1	100	75	250	5		1.5	152000		4.7	1000	7.5	925	18	1.36
405	1	28	19	63	2		0.6	49000		3	1270	1.0	330	14	5.34
406	1	200	204	720	15		2.2	180000		12.7	1660	<5	3100	51	10.08
407	1	285	350	1000	15		2.9	300000		30.9	3000	5	1950	50	6.05
408	1	240	600	810	18		4.4	230000		24.9	2040	1.0	2000	47	3.30
409	1	170	140	840	18		2.8	250000		12.5	2320	<5	2150	32	3.21
410	1	144	117	460	9		3.5	250000		20.5	2060	5	575	26	5.93
411	1	71	7	34	2		0.5	30500		1	470	<5	670	35	25.87
CS80-412	1	18	5	39	2		0.3	27800		<1	535	5	480	19	43.98

CERTIFIED BY:

Kerr Addison Mines Ltd. GEOCHEMICAL ANALYSIS DATA SHEET 0-366

PROJECT No. AFE 0421 FAC 08115

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

DATE: July 18, 1980.

ATTENTION: T. Dillon

heavy mineral

6 Sample. Number 81 86	10 Mo ppm 90	15 Cu ppm 95	20 Pb ppm 100	25 Zn ppm 105	30 Ni ppm 110	35 Co ppm 115	40 Ag ppm 120	45 Fe ppm 125	50 Hg ppb 130	55 As ppm 135	60 Mn ppm 140	65 Au ppb 145	70 Ba ppm 150	75 V ppm 155	80 H.M. % 160
CS80-413		21	5	48	4		05	32500		3	530	15	580	21	4.95
414		10	7	27	13		04	20800		<1	615	5	1130	16	3.89
415		16	5	35	4		05	27300		4	500	5	490	17	17.04
416		20	10	43	5		03	33000		2	500	5	630	19	9.51
417		50	32	91	2		08	75000		27	485	5	780	10	4.11
CS80-418		40	26	54	2		05	63000		15	540	5	750	6	12.45

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Straight Geochem 1980.

FILE No. 0-366R

DATE: July 22

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-186		26	21	67	1		06	37500		1	310	5	650	24
191		47	40	186	2		07	50000		6	435	5	1400	32
192		41	15	255	2		06	40000		2	395	10	3000	51
193		27	11	345	1		05	30500		<1	360	5	2900	57
194		12	10	345	1		04	26000		<1	390	5	680	22
195		11	11	89	1		03	26000		<1	245	<5	520	19
196		7	6	82	1		04	24000		<1	240	5	600	21
197		8	9	75	1		04	25500		<1	250	10	550	25
198		21	12	47	1		03	24000		<1	245	<5	450	18
199		59	21	192	2		06	45500		2	380	5	4000	51
243		28	34	63	1		04	39000		7	310	5	600	20
244		42	29	103	1		03	49000		6	660	5	750	25
245		51	53	84	1		04	55000		20	455	5	650	21
246		32	46	305	2		06	45000		5	360	<5	1150	34
321		42	45	189	1		10	45000		1	515	5	2200	31
322		40	41	149	1		05	45000		8	395	10	1150	30
323		68	29	278	2		07	50000		14	785	<5	2900	32
324		11	17	50	2		05	33500		5	280	5	550	17
325		17	29	1090	1		05	30500		<1	325	5	1000	31
326		10	23	730	1		04	29000		16	220	5	600	21
327		4	12	68	1		04	20500		10	220	10	600	22
328		11	7	34	1		02	29000		<1	245	5	320	19
329		15	15	45	1		03	27000		<1	295	5	425	20
330		28	23	73	1		05	37000		6	350	10	700	27
CS80-331		29	34	85	1		06	37000		6	440	5	450	22

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report July 21/80.

File No. 0-366R Date samples received June 27/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: 25 Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☐ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: straight geochem analysis.

Remarks:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 21/80.

File No. 0-470 Date samples received July 15/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: Geochem samples

14 Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. T. Dillon, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: Acid digestion-chemical analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Gulf Minerals Canada,
1400-110 Yonge St.,
Toronto, Ont.

PROJECT No. AFE 0421
FAC 08117
DATE July 21/80.
File No. 0-470

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/to
GMCL0018	.002	.01	.01	.02	.006
19	.003	.01	.01	.02	.001
20	.003	.01	.01	.03	.002
21	.002	.01	.01	.01	.004
22	.002	.01	.01	.02	.001
23	.002	.01	.01	.01	.001
24	1.430	.01	.01	.41	.001
25	.128	.01	.01	.05	.002
26	.005	.01	.01	.01	.002
27	.004	.02	.04	.01	.001
28	.002	.01	.01	.01	.001
GMCL0029	.004	.02	.01	.05	.001
80-366P	.032	.02	.01	.06	.001
80-367P	.031	.02	.01	.07	.001

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

Statistics on Data dated July 18/80

Cu

$\bar{X}$ 122.44

St.d. 106.03

Var. 11086.61

Pb

$\bar{X}$ 110.53

St.d. 129.70

Var. 16588.44

Zn

$\bar{X}$ 380.75

St.d. 387.26

Var. 147889.69

Zn minus all values over 999.9 ppm

$\bar{X}$ 316.68

St.d. 273.73

var 73826.87

Ba

$\bar{X}$ 2841.67

St.d. 6270.18

var. 38769153.0

Ba minus all values over 9,999 ppm

$\bar{X}$ 1240.30

St.d. 1160.02

var 1327838.7

Anom	Pb	232
	Zn	531
	Ag	2.95
	Ba	17.66.9
	U	138.9

Anom spls

316	55
181	43
184	157
185	138
186	
187	
310	
*315	
314	

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 21/80.

File No. 0-470 Date samples received July 15/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: Geochem samples

14 Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. T. Dillon, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: Acid digestion-chemical analysis.

Remarks:

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

TO: Gulf Minerals Canada,
1400-110 Yonge St.,
Toronto, Ont.

PROJECT No. AFE 0421
FAC 08117
DATE July 21/80.
File No. 0-470

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/to
GMCL0018	.002	.01	.01	.02	.006
19	.003	.01	.01	.02	.001
20	.003	.01	.01	.03	.002
21	.002	.01	.01	.01	.004
22	.002	.01	.01	.02	.001
23	.002	.01	.01	.01	.001
24	1.430	.01	.01	.41	.001
25	.128	.01	.01	.05	.002
26	.005	.01	.01	.01	.002
27	.004	.02	.04	.01	.001
28	.002	.01	.01	.01	.001
GMCL0029	.004	.02	.01	.05	.001
80-366P	.032	.02	.01	.06	.001
80-367P	.031	.02	.01	.07	.001

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report July 21/80.

File No: 0-366R Date samples received June 27/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: 25 Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☐ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: straight geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Straight Geochem 1980.

FILE No. 0-366R

DATE: July 22

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-86	1	26	21	67	1		0.6	37500		1	310	5	650	24
191	2	47	40	186	2		0.7	50000		6	435	5	1400	32
192	2	41	15	255	2		0.6	40000		2	395	10	3000	51
193	1	27	11	345	1		0.5	30500		<1	360	5	2900	57
194	1	12	10	345	1		0.4	26000		<1	390	5	680	22
195	1	11	11	89	1		0.3	26000		<1	245	<5	520	19
196	1	7	6	82	1		0.4	24000		<1	240	5	600	21
197	1	8	9	75	1		0.4	25500		<1	250	10	550	25
198	1	21	12	47	1		0.3	24000		<1	245	<5	450	18
199	2	59	21	192	2		0.6	45500		2	380	5	4000	51
243	1	28	34	63	1		0.4	39000		7	310	5	600	20
244	1	42	29	103	1		0.3	49000		6	660	5	750	25
245	1	51	53	84	1		0.4	55000		20	455	5	650	21
246	2	32	46	305	2		0.6	45000		5	360	<5	1150	34
321	1	42	45	189	1		1.0	45000		1	515	5	2200	31
322	1	40	41	149	1		0.5	45000		8	395	10	1150	30
323	2	68	29	278	2		0.7	50000		14	785	<5	2900	32
324	2	11	17	50	2		0.5	33500		5	280	5	550	17
325	1	17	29	1090	1		0.5	30500		<1	325	5	1000	31
326	1	10	23	730	1		0.4	29000		16	220	5	600	21
327	1	4	12	68	1		0.4	20500		10	220	10	600	22
328	1	11	7	34	1		0.2	29000		<1	245	5	320	19
329	1	15	15	45	1		0.3	27000		<1	295	5	425	20
330	1	28	23	73	1		0.5	37000		6	350	10	700	27
CS80-331	1	29	34	85	1		0.6	37000		6	440	5	450	22

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report June 26/80.

File No. 0-329 Date samples received June 20/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: Geochem samples

17 Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. T. Dillon, Horsefly, B.C.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: Cu,Pb,Zn,Ag-Acid digestion-chemical analysis.

Au-Fire and A.A. Finish.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

AFE 0421

TO: Gulf Minerals Canada, PROJECT No. FAC 08117

Ste. 1400-110 Yonge St., DATE June 26/80.

Toronto, Ont. File No. 0-329

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
GMCL-1	.006	.01	.02	.11	.010
2	.007	.01	.02	.08	.004
3	.007	.01	.02	.03	.003
4	.026	.01	.01	.03	.004
5	.006	.01	.02	.03	.004
6	.008	.01	.02	.02	.005
7	.010	.01	.04	.02	.003
8	.004	.03	.01	.03	.002
9	.003	.01	.01	.03	.002
10	.006	.01	.01	.10	.003
11	.007	.01	.02	.10	.004
12	.008	.02	.04	.06	.001
13	.005	.02	.02	.05	.001
14	----	73.60	.28	3.10	----
15	----	17.20	.19	4.94	----
16	----	.36	.02	.26	----
GMCL-17	----	.10	.02	.27	----

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

RECEIVED
AUG 25 1980
GULF MINERALS CANADA LIMITED
TORONTO ACCOUNTING DEPARTMENT

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Aug.20/80.

File No. 0-643 Date samples received Aug.13/80.

Samples submitted by: E. Dillon

Company: Gulf Minerals Canada

Report on: Geochem samples

6 Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. Gulf Minerals Canada, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh -100

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: Cu,Pb,Zn,Ag-Acid digestion-chemical analysis.
Au-Fire and A.A. Finish.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN LABORATORIES LTD.
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
Phone: 980-5814

Certificate of Assay

AFE 0421

TO: Gulf Minerals Canada,
1400-110 Yonge St.,
Toronto, Ont.

PROJECT No. FAC 08115

DATE Aug.20/80.

File No. 0-643

SAMPLE No.	Cu %	Pb %	Zn %	Ag oz/ton	Au oz/ton
GMCL 32	.014	.01	.01	.21	.003
33	.005	.01	.01	.01	.001
34	.008	.01	.01	.01	.001
35	.005	.02	.02	.22	.002
36	.011	.01	.01	.03	.002
GMCL 37	.003	.01	.30	.02	.004

MIN-EN Laboratories Ltd.

CERTIFIED BY .....

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

RECEIVED
AUG 20 1980
GULF MINERALS CANADA LIMITED
EXPLORATION DEPARTMENT
TORONTO — ONTARIO

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Aug.20/80.

File No. 0-536 Date samples received July 29/80.

Samples submitted by: EP.Dillon

Company: Gulf Minerals Canada

Report on: 25 straight geochem,120 Non Mag, 120 mag Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☒

Methods of analysis: Specific gravity flotationand routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Mag Heavy Mineral

No. 0-536

DATE: Aug. 20, 1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-470		88										
471		150										
472		45										
473		80										
474		60										
475		45										
476		70										
477		80										
478		40										
479		120										
480		140										
481		95										
482		85										
483		60										
484		85										
485		75										
CS80-486		85										
CS80-445		90										
446		85										
447		80										
448		90										
449		100										
450		120										
451		200										
452		80										
453		40										
454		80										
455		90										
456		70										
CS80-457		35										

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag
Heavy Mineral

No. 0-536

DATE: Aug. 20, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-458		48					•					
459		56					•					
460		90					•					
461		80					•					
462		90					•					
463		120					•					
464		80					•					
CS80-465		70					•					
CS80-621		90					•					
622		200					•					
623		80					•					
624		80					•					
625		90					•					
626		80					•					
627		120					•					
628		70					•					
629		80					•					
630		130					•					
631		80					•					
632		40					•					
633		30					•					
CS80-634		80					•					
CS80-510		32					•					
511		70					•					
512		80					•					
513		30					•					
514		30					•					
CS80-515		190					•					
CS80-600		65					•					
CS80-601		35					•					

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-536R

DATE: Aug. 20, 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-470		12	19	186	2		0.5	1.95		8	360	15	1780	15
471		17	20	97	3		0.6	2.10		13	335	20	1180	5
472		13	22	92	1		0.5	1.90		3	420	10	2300	13
473		11	18	87	2		0.4	1.75		3	390	15	1390	25
474		21	20	106	6		0.7	1.80		11	510	10	2900	30
475		14	18	116	5		0.7	1.65		15	675	<5	1890	30
476		30	26	134	4		0.7	1.95		16	940	5	2680	35
477		18	19	91	2		0.6	1.70		14	490	15	1520	15
478		14	23	140	5		0.6	1.90		18	420	20	1500	35
479		15	18	89	2		0.6	1.70		9	350	10	1510	15
480		16	20	87	2		0.5	1.75		9	545	15	1680	15
481		18	17	86	2		0.3	1.70		11	500	10	2370	20
482		17	23	91	2		0.6	1.80		6	520	5	1540	20
483		12	18	69	3		0.6	1.95		6	490	20	1630	15
484		16	14	83	3		0.6	1.60		12	495	15	1800	20
485		211	16	98	3		0.7	1.95		14	565	20	7700	15
CS80-486		16	11	84	1		0.6	1.45		11	590	15	1630	20
CS80-445		21	20	136	4		0.5	2.30		20	230	30	1900	30
446		18	18	99	3		0.5	2.10		13	350	20	1700	20
447		16	13	100	2		0.2	1.65		24	560	15	1680	25
448		15	15	86	2		0.3	1.60		19	245	15	1900	20
449		12	16	86	3		0.4	1.50		17	360	10	1720	15
450		12	15	96	2		0.2	1.60		18	290	15	2180	15
451		10	14	81	3		0.4	1.50		8	270	20	2210	10
CS80-452		11	15	110	3		0.3	1.75		9	585	10	2330	20

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E. P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag
Heavy Mineral

No. 0-536

DATE: Aug. 20, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-602		36					•					
603		16					•					
604		70					•					
605		60					•					
606		56					•					
607		100					•					
608		150					•					
609		160					•					
610		80					•					
CS80-611		45					•					
613		90					•					
614		175					•					
615		80					•					
616		40					•					
617		80					•					
618		56					•					
619		50					•					
CS80-620		38					•					
CS80-293		16					•					
294		20					•					
295		20					•					
296		18					•					
297		22					•					
298		30					•					
CS80-299		28					•					
CS80-388		38					•					
389		48					•					
390		52					•					
391		50					•					
CS80-392		24					•					

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag
Heavy Mineral

No. 0-536

DATE: Aug. 20
1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-393		32					•					
394		18					•					
395		20					•					
396		22					•					
397		30					•					
398		21					•					
CS80-399		50					•					
CS80-427		45					•					
428		22					•					
429		31					•					
430		18					•					
431		40					•					
432		42					•					
433		60					•					
434		58					•					
435		38					•					
436		80					•					
437		58					•					
438		60					•					
CS80-439		150					•					
CS80-500		20					•					
501		80					•					
502		90					•					
503		60					•					
504		80					•					
505		80					•					
506		90					•					
507		80					•					
508		90					•					
CS80-509		80					•					

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

No. 0-536

DATE: Aug. 20, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo %	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-393		40	52	70	11		22	50000		36	575	65	430	85	0.78
394		30	48	296	12		16	42000		13	1040	55	16000	60	0.73
395		24	57	293	24		14	45500		99	1085	30	5200	40	0.62
396		30	182	423	14		17	52500		55	1750	50	5190	25	0.82
397		18	42	216	5		08	26000		27	485	25	1030	45	2.59
398		65	36	365	15		50	57000		139	870	150	6280	55	2.04
CS80-399		75	51	502	27		22	72800		151	1190	40	7040	90	1.13
CS427		95	119	83	10		21	197500		34	510	25	33000	110	1.15
428		75	370	840	50		50	276000		10	655	40	28800	100	0.12
429		60	360	530	25		19	304000		113	885	35	64000	40	0.45
430		80	450	320	45		36	290000		104	450	20	134000	15	0.33
431		60	300	260	70		60	260000		115	750	20	60000	10	0.14
432		120	120	340	7		17	128000		8	530	25	5300	90	0.83
433		140	210	3200	250		33	311000		165	580	25	32000	180	0.50
434		190	30	1880	50		92	129000		209	1300	30	11200	95	0.16
435		170	35	2200	100		95	155000		46	535	35	8950	40	0.24
436		100	337	163	25		30	245000		88	595	25	9400	80	0.61
437		600	530	300	60		110	271000		389	860	40	39400	15	0.20
438		450	500	240	60		100	240000		298	800	35	12400	70	0.15
CS80-439		120	1020	3670	75		150	462000		289	9500	20	13200	200	0.16
CS80-500		48	29	21	4		05	170000		14	50	20	640	20	6.30
501		19	103	209	6		09	275000		31	530	10	1000	45	5.85
502		16	30	165	15		20	180000		27	335	35	1400	60	0.58
503		25	60	178	16		25	205000		73	465	30	600	180	0.35
504		28	48	175	9		09	245000		28	400	10	3880	50	1.82
505		18	18	220	12		24	375000		25	570	10	7800	45	0.94
506		56	62	1050	62		46	935000		91	1130	15	3840	95	0.37
507		60	18	320	12		31	1060000		14	2150	15	2080	30	0.45
508		55	60	535	45		45	950000		121	1820	15	3480	55	0.38
CS80-509		65	45	528	16		17	135000		59	1570	10	6900	65	0.55

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 MAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN-EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

No. 0-536

DATE: Aug. 20, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-470	70	50	750	15		35	100000		244	1150	40	16200	20	0.42
471	90	80	475	12		33	107000		94	1620	20	6500	85	0.93
472	75	35	300	10		15	75000		81	980	25	14600	80	0.38
473	54	48	190	10		15	50000		75	950	15	17000	25	0.42
474	45	15	560	20		23	68000		79	1100	15	124000	40	0.38
475	90	18	750	20		23	85000		146	1130	15	106000	20	0.33
476	80	45	440	10		25	80000		72	1630	15	122000	55	0.49
477	36	45	330	10		30	61000		142	720	20	10200	25	0.33
478	37	24	257	15		18	60000		46	960	10	24300	40	0.91
479	44	30	270	14		16	60000		27	1100	10	48000	35	0.84
480	60	30	350	20		50	88000		123	1850	20	10800	25	0.21
481	73	54	380	15		36	88000		128	1100	10	9750	25	0.51
482	38	32	300	15		30	71000		70	1250	20	30000	40	0.44
483	33	57	210	15		30	85000		12	1570	30	25000	45	0.63
484	180	85	415	20		36	95000		150	2020	15	11500	25	0.26
485	82	35	300	12		23	84000		55	1180	10	106000	65	1.50
CS80-486	100	70	380	50		30	100000		<1	2080	30	30800	70	0.24
CS80-445	120	60	135	30		23	120000		118	1100	10	15200	75	0.18
446	80	40	660	20		50	150000		239	1650	15	3600	50	0.15
447	48	36	550	20		40	112000		67	1890	15	12000	45	0.23
448	22	34	270	5		25	64000		31	815	20	16600	60	0.55
449	48	48	305	25		30	68000		41	1100	10	22400	35	0.42
450	56	45	325	10		30	78000		7	1180	15	54000	40	0.50
451	50	50	370	12		35	80000		19	1080	25	52000	55	0.46
452	30	45	410	15		29	75000		6	1450	20	28400	90	0.38
453	140	88	910	20		30	126000		16	2600	15	7600	30	0.11
454	40	40	300	30		40	78000		53	1400	10	12200	35	0.32
455	60	40	280	20		40	74000		65	1700	20	58000	25	0.36
456	115	40	1350	10		45	146000		61	2450	40	6760	45	0.35
CS80-457	180	17	320	10		30	81000		307	1380	30	6570	25	0.17

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-536

Non Mag Heavy Mineral

DATE: Aug. 20, 1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-458	1	95	64	468	3		4	77400		56	950	5	82000	15	0.37
459	1	91	56	373	2		2	86900		10	1515	15	41600	25	0.41
460	1	50	35	225	2		1	62500		96	1500	10	3600	30	0.12
461	1	27	30	103	4		1	39700		42	780	25	5150	35	0.66
462	1	81	40	324	3		1	64900		66	1215	10	40800	30	0.21
463	1	25	35	350	2		1	310000		227	1500	15	57000	20	0.06
465	1	28	40	463	3		1	90750		47	1200	10	14400	35	0.16
CS80-465	1	20	25	400	2		1	57000		1	1000	10	nes	40	0.04
CS80-621	1	19	45	106	3		1	31560		54	660	25	10400	60	0.45
622	1	78	38	417	8		2	31130		51	3570	5	9100	80	1.10
623	1	24	35	149	5		1	85540		24	2080	5	2800	35	0.47
624	1	63	80	205	4		1	33570		45	1665	15	54000	45	0.33
625	1	23	40	262	2		1	43500		74	500	10	7600	60	0.23
626	1	33	50	186	3		1	25580		88	1800	15	4600	45	0.24
627	1	32	30	137	2		1	23750		60	1050	20	3000	60	0.37
628	1	128	35	900	5		1	47790		63	1630	10	22400	80	0.24
629	1	38	95	1000	3		1	37210		38	1680	10	24000	35	0.31
630	1	104	59	1240	27		2	89050		75	1090	25	45700	135	1.11
631	1	242	140	1140	3		1	69280		67	1285	15	48000	60	0.20
632	1	120	120	280	2		1	32500		550	550	10	12000	50	0.12
633	1	68	108	264	5		1	55880		32	350	15	74000	35	0.31
CS80-634	1	38	62	245	3		1	94040		70	1900	5	16000	40	0.57
CS80-510	1	105	85	670	4		1	41020		156	2760	10	1800	80	0.22
511	1	78	43	375	8		2	27500		47	1475	5	9300	40	0.68
512	1	48	30	243	6		1	55830		43	840	20	4000	45	0.94
513	1	69	53	425	4		1	68510		68	1970	10	7920	75	0.57
514	1	35	32	97	5		0	84970		14	846	10	6100	65	1.03
CS80-515	1	77	42	137	2		1	56550		94	1175	5	2220	45	0.94
CS80-600	1	23	20	68	3		1	33150		39	340	5	720	25	1.09
CS80-601	1	56	87	150	8		1	85710		79	870	10	1120	35	0.34

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag

Heavy Mineral

No. 0-536

DATE: Aug. 20 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-602		32	15	65	4		11	30000		29	485	10	610	10	1.44
603		12	22	63	5		19	18500		27	470	15	500	5	1.01
604		38	40	330	15		18	49000		79	1500	15	15700	15	0.78
605		36	39	269	6		10	33000		49	775	5	1120	55	1.89
606		100	370	750	19		27	58500		116	1350	5	6820	95	2.31
607		32	68	226	8		10	31500		32	595	5	1090	40	1.57
608		85	51	775	33		32	71000		141	720	5	2930	80	1.59
609		18	21	125	3		06	23000		19	585	5	930	35	2.75
610		12	10	110	2		08	22000		15	430	10	810	40	1.03
CS80-611		35	40	400	10		09	34000		1072	190	5	4280	45	0.08
CS80-613		85	60	1300	50		60	100000		224	1000	10	2700	40	0.58
614		48	52	450	10		14	76000		119	1100	10	3210	30	1.15
615		68	42	360	10		11	77000		87	740	5	17300	45	0.98
616		48	45	700	20		30	100000		183	1670	10	18400	15	0.37
617		90	55	1200	19		25	200000		121	1300	5	2800	60	0.76
618		55	58	390	5		10	99000		24	1300	5	4600	65	0.39
619		40	56	440	20		14	99000		70	1400	10	6000	20	0.41
CS80-620		16	15	60	5		07	24000		18	420	5	970	35	0.81
CS80-293		30	22	160	5		04	35000		24	840	15	33000	25	1.96
294		20	45	160	8		08	40000		23	840	15	96000	10	0.98
295		25	62	250	10		20	80500		65	1275	10	9000	20	0.58
296		56	75	250	5		15	82000		73	1450	25	4400	65	0.48
297		50	44	160	10		14	63000		41	1100	10	42200	70	0.78
298		35	20	200	5		15	50000		33	790	10	1500	50	0.35
CS80-299		80	140	140	50		40	89000		29	1300	5	1960	20	0.17
CS80-388		18	35	110	10		15	30000		13	560	10	3070	20	0.52
389		48	50	360	20		10	90000		105	1500	10	2840	80	0.24
390		25	200	200	10		10	18000		643	500	5	nes	60	0.03
391		50	140	170	10		40	56000		2089	700	15	3200	30	0.33
CS80-392		35	22	95	4		09	34000		12	540	10	700	35	2.47

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Aug.9/80.

File No. 0-470 & 470R Date samples received July 17/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals

Report on: 15 straight geochem, 29 Mag, 29 non mag Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-470

DATE: Aug. 9, 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-274		12	12	19	4		11	8400		3	200	5	2600	4
275		11	38	54	7		22	47000		<1	145	20	700000	6
276		11	32	81	5		13	66000		6	140	15	1700000	7
277		7	35	35	6		20	21000		2	110	10	1600000	2
278		29	22	232	15		23	165000		4	125	15	1800000	25
279		17	29	88	9		19	80000		8	110	10	2400000	24
280		23	24	171	6		13	240000		8	315	15	2600	8
281		21	14	377	22		15	119000		20	240	15	1750	95
282		23	17	197	7		06	225000		25	225	10	2200	14
283		13	9	185	5		07	174000		30	240	15	1700	22
284		5	4	27	2		07	95000		9	165	15	1050	7
285		8	6	41	2		05	135000		8	215	5	1100	11
286		7	7	39	1		06	173000		12	200	15	1500	26
287		5	7	49	2		06	136000		9	240	20	1300	15
CS80-288		10	8	37	2		04	145000		8	185	15	1300	22

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag
Heavy Mineral

FILE No. 0-470

DATE: Aug. 9, 1980.

Sample Number	Mo ppm	*Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-274		120					•					
275		50					•					
276		50					•					
277		50					•					
278		55					•					
279		50					•					
280		50					•					
281		40					•					
282		40					•					
283		15					•					
284		29					•					
285		18					•					
286		12					•					
287		14					•					
288		16					•					
289		16					•					
290		20					•					
CS80-291		20					•					
CS80-292		14					•					
CS80-383		40					•					
384		50					•					
385		50					•					
386		45					•					
CS80-387		50					•					
CS80-440		106					•					
441		200					•					
442		42					•					
443		90					•					
CS80-444		36					•					

*Estimated due to insufficient sample.

COMPANY Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

FILE No. 0-470

DATE: Aug. 9, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-2 74	1	20	538	403	12		05	250000		10	525	5	180000	5	0.23
275	2	4	49	155	8		13	165000		4	112	5	240000	16	12.55
276	1	3	36	112	5		07	10300		2	64	10	400000	2	29.04
277	1	0	36	56	3		08	4600		1	21	5	700000	1	24.38
278	5	2	48	402	25		21	372000		<1	115	5	200000	20	1.31
279	4	0	40	514	27		51	390000		7	124	5	300000	24	1.96
280	1	10	127	1350	21		15	175500		8	1100	10	750000	6	0.34
281	5	5	150	1550	13		17	150000		2	58	5	570000	2	0.09
282	1	20	118	1400	45		20	205000		150	1080	15	78000	24	0.38
283	9	0	58	950	10		20	90500		120	875	10	76000	20	0.36
284	6	0	20	200	10		10	635000		4	1100	10	30000	6	0.25
285	3	5	25	260	3		22	76200		5	1285	15	23000	2	0.21
286	3	5	20	125	4		23	48800		3	820	10	27000	3	0.32
287	5	0	18	105	5		18	33500		8	605	5	50000	3	0.39
288	6	5	102	269	4		13	595000		3	475	15	220000	2	0.49
289	7	0	36	109	2		10	800000		2	725	20	42000	4	0.38
290	7	5	15	58	4		13	395000		32	445	20	4500	28	1.90
291	5	2	17	53	4		11	345000		105	430	15	13000	19	1.44
CS80-2 92	3	4	13	216	9		09	217000		52	390	15	180000	11	1.47
CS80-3 83	8	0	22	750	15		10	1050000		3	500	20	520000	8	0.08
384	17	5	42	685	3		23	162500		5	580	30	600000	6	0.11
385	9	5	26	2100	2		21	162500		2	325	25	470000	4	0.15
386	7	0	720	1200	3		43	114000		2	800	15	310000	4	0.18
CS80-3 87	5	5	24	425	4		29	425000		10	300	25	220000	5	0.20
CS80-4 40	15	0	620	297	2		21	201000		3	700	5	140000	4	0.26
441	1	10	42	450	3		18	163500		2	850	10	28000	2	0.08
442	8	5	175	250	2		10	160000		6	425	25	75000	3	0.20
443	1	20	159	175	12		27	195000		88	440	15	18000	130	1.20
CS80-4 44	24	0	102	113	3		18	104000		16	435	15	27000	200	0.81

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report Aug.8/80.

File No. 0-483 Date samples received July 17/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals

Report on: 25 straight geochem 55 Mag 58 non mag Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Straight Geochem

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	Mo ppm
CS80-247		34	26	82			09	47000		14	390	<5	1050	19	1
248		55	38	76			12	66000		90	310	5	700	7	2
249		36	23	74			08	43500		10	260	5	900	5	1
250		41	37	86			13	57000		40	305	5	1000	8	1
251		35	26	89			08	49500		19	340	<5	750	11	2
252		34	18	60			07	34000		9	325	10	600	10	1
253		37	22	66			09	41000		16	355	5	400	14	1
254		44	24	73			08	45000		17	400	5	600	18	1
255		27	21	83			08	46000		22	365	<5	680	12	1
256		30	20	62			07	38000		11	350	<5	700	9	2
257		27	18	54			06	34000		15	335	<5	650	12	2
258		31	19	64			07	39000		16	390	<5	630	11	1
259		30	22	65			07	40500		11	400	<5	570	18	1
260		30	21	72			08	41500		13	405	<5	600	13	1
261		36	25	86			09	44500		1	380	<5	625	16	1
262		39	29	88			09	49000		14	375	<5	600	20	2
CS80-263		8	9	32			05	15000		2	360	<5	1600	33	2
CS80-360		29	28	58			08	39000		23	310	5	570	6	1
361		91	41	74			12	58500		310	410	5	630	9	1
362		42	39	85			13	55500		32	295	<5	900	8	3
363		48	43	87			15	70000		13	245	<5	1100	14	3
364		41	44	72			13	59000		28	340	<5	560	12	2
365		31	30	68			11	53000		2	340	<5	900	13	2
366		68	65	87			20	95000		84	310	<5	560	10	2
CS80-367		64	56	90			17	83000		52	295	<5	480	8	2

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-380	4	30	37	88	6		37	26200		45	1030	25	480	20	1.94
381	5	40	05	60	3		37	21500		31	1040	20	530	27	3.00
CS80-382	5	60	95	01	2		32	18500		62	505	15	550	24	3.92
CS80-419	1	6	9	25	2		09	27000		1	380	15	600	10	8.74
420	1	8	8	26	2		11	34000		1	420	10	700	24	8.58
421	1	40	5	26	18		28	13400		44	940	35	750	50	1.59
422	1	90	6	22	20		25	13100		58	980	20	650	66	6.31
423	1	35	6	25	3		16	78000		41	530	30	1700	60	3.29
424	5	2	3	9	2		13	38000		13	830	15	600	20	2.59
425	5	6	6	45	8		41	15700		169	2520	15	1200	40	0.71
CS80-426	2	0	1	0	1		14	39000		12	540	10	650	37	1.48
CS80-264	1	10	7	3	2		23	90000		3	1180	10	550	18	1.27
265	1	15	9	8	4		18	10500		4	1400	15	800	33	1.05
266	1	22	8	6	1		20	90000		204	895	20	600	13	4.29
267	1	02	8	0	2		15	62500		2	820	10	650	15	2.20
268	2	00	3	31	3		21	11600		34	1080	30	900	14	2.02
269	2	10	11	69	3		16	12800		44	1980	165	900	18	6.22
270	1	30	9	21	2		21	97000		24	1270	15	800	14	5.20
271	1	90	6	91	2		14	74000		11	1060	10	600	12	6.14
272	1	38	7	96	2		14	76000		6	1170	110	750	22	2.89
CS80-273	1	20	5	87	1		15	88000		<1	940	20	700	25	4.14

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-247	3	390	189	163	3		30	22,600.0		336	1000	20	600	35	1.91
248	2	390	145	276	2		27	17,800.0		124	250	10	250	2	9.61
249	5	430	129	414	5		33	22,000.0		176	445	10	400	11	3.23
250	2	300	126	357	2		26	18,600.0		67	290	5	300	9	6.09
251	2	450	155	190	2		38	26,000.0		90	1100	20	700	19	1.02
252	3	400	124	250	3		26	16,600.0		69	1200	5	750	24	2.62
253	2	250	92	225	2		27	16,800.0		94	1310	5	480	28	3.27
254	3	420	165	171	3		29	19,500.0		1	1240	10	630	24	3.07
255	4	280	340	210	4		40	23,500.0		190	1000	10	700	18	1.20
256	5	275	140	208	5		39	23,700.0		201	1500	15	600	10	0.87
257	3	500	160	210	3		33	20,500.0		200	1150	15	650	4	1.12
258	2	450	170	188	2		38	25,800.0		178	1350	10	600	12	1.22
259	3	410	150	235	3		30	22,000.0		173	1150	10	600	15	1.66
260	3	480	186	198	3		41	27,900.0		169	1470	20	650	25	0.96
261	4	400	175	191	4		34	24,100.0		159	1300	15	500	35	2.17
263	5	400	185	186	5		34	20,500.0		107	1230	25	480	30	3.67
CS80-263	1	17	6	24	1		05	1,600.0		9	385	15	425	5	4.98
CS80-360	4	625	355	153	4		48	31,700.0		433	1075	25	300	4	1.11
361	2	810	210	121	2		29	18,200.0		2000	760	520	270	6	3.80
362	3	310	153	300	3		27	19,000.0		69	200	10	400	2	6.27
363	2	240	120	270	2		24	16,500.0		53	75	5	300	3	8.66
364	1	270	160	184	1		28	16,800.0		56	140	5	250	5	6.84
365	2	280	166	225	2		26	19,600.0		24	260	15	280	5	3.44
366	2	240	164	182	2		22	16,300.0		47	130	10	200	2	17.28
367	1	220	157	188	1		21	16,400.0		40	145	10	200	2	13.04
368	4	360	225	125	4		53	28,500.0		163	720	5	400	4	1.30
369	3	380	151	208	3		39	25,400.0		284	1150	20	600	25	1.06
370	4	670	200	190	4		40	28,000.0		178	1100	20	500	10	1.21
371	5	360	150	229	5		38	25,000.0		188	2120	15	700	28	0.70
CS80-372	4	380	130	226	4		26	19,200.0		138	1260	10	200	10	4.45

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-373		500	190	270	6		55	26500		165	1600	15	750	34	0.60
374		135	41	116	12		18	11250		8.2	650	10	650	21	2.28
375		380	42	150	5		28	21300		128	1540	15	550	22	2.49
376		360	110	198	2		24	16400		145	1800	20	700	38	2.46
377		450	136	186	4		29	20500		131	1020	10	600	30	3.04
378		440	143	208	4		29	20000		177	990	25	600	40	3.30
CS80-379		310	172	248	5		30	22500		197	2200	65	750	30	1.85

COMPANY: Esso Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

MAG

Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	*Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-380		90										
381		nes										
CS80-382		50										
CS80-419		19										
420		26										
421		178										
422		104										
423		120										
424		53										
425		16										
CS80-426		18										
CS80-264		40										
265		39										
266		54										
267		48										
268		52										
269		80										
270		36										
271		60										
272		36										
CS80-273		68										

*Estimated due to insufficient sample.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

MAG

Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	* Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-373		85										
374		12										
375		1050										
376		65										
377		1920										
378		1950										
CS80-379		82										

*Estimated due to insufficient sample.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

MAG

Heavy Mineral

FILE No. 0-483

DATE: Aug. 8, 1980.

Sample Number	Mo ppm	* Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-247		50					•					
248		400					•					
249		400					•					
250		406					•					
251		80					•					
252		205					•					
253		120					•					
254		250					•					
255		85					•					
256		95					•					
257		98					•					
258		56					•					
259		142					•					
260		119					•					
261		100					•					
262		63					•					
CS80-263		22					•					
CS80-360		400					•					
361		70					•					
362		336					•					
363		460					•					
364		486					•					
365		400					•					
366		420					•					
367		670					•					
368		mes					•					
369		mes					•					
370		119					•					
371		50					•					
CS80-372		90					•					

*Estimated due to insufficient sample.

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.11/80.

File No. 0-594, 0-594R Date samples received Aug.7/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 68 H.M. (Non Mag) 68 H.M.(Mag) 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E. P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag Heavy Mineral

No. 0-594

DATE: Sept. 1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe HM%	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-528	1	60	10	200	3	0.28	0.2	5400		32	600	10	150	12000	65
529	1	60	48	220	3	0.38	0.3	5250		130	500	10	180	11700	80
530	1	67	45	230	8	0.93	2.1	8650		67	830	10	180	24500	2
531	1	60	30	540	6	0.33	0.3	1.24		69	1200	10	135	16200	2
532	1	50	12	450	3	0.21	0.2	1.15		320	750	35	120	15200	3
533	1	47	49	340	5	0.50	3.2	1.13		74	975	35	130	13000	2
534	2	10	80	300	8	0.44	0.4	1.86		8	1000	15	135	63000	15
534	no sample														
536	1	10	140	750	10	0.76	2.0	8660		96	1120	20	100	15500	2
537	1	25	15	1500	6	0.27	0.3	1.24		174	1200	20	180	63500	8
538	1	50	20	1500	5	0.28	0.3	1.17		154	2000	20	130	67000	2
539	1	35	42	235	10	1.28	2.9	9140		36	800	10	150	5800	4
540	2	0	22	64	4	1.71	0.4	4180		19	830	15	85	2700	4
541	3	8	30	158	5	1.17	0.8	7350		38	1750	10	120	9300	2
542	8	5	65	325	4	0.37	0.4	1.06		160	2100	25	60	11200	2
543	6	8	52	290	4	0.80	0.6	9170		77	1360	15	55	14300	12
544	4	0	40	255	2	0.61	0.9	5550		64	1160	25	45	32000	2
545	4	7	31	132	3	0.93	1.5	6040		29	990	20	130	14900	2
546	2	4	21	100	3	1.96	0.9	5170		23	980	25	200	12000	2
547	1	00	10	800	3	0.10	0.5	1.10		440	500	30	150	13100	2
548	6	0	10	220	3	0.27	0.3	6250		266	700	20	140	50000	2
549	1	16	78	1070	23	1.00	1.9	1.27		170	780	35	230	60000	2
550	2	50	10	1200	9	0.20	0.1	2.30		666	1100	15	200	14000	2
551	1	10	72	290	15	1.54	1.2	1.35		31	1450	15	100	4100	4
552	1	04	48	378	12	0.83	1.9	9350		89	750	20	150	61000	8
552	2	72	65	1050	12	0.55	2.1	2.15		165	1800	25	200	52000	5
554	6	4	54	150	4	0.48	0.5	5800		60	535	10	100	6700	3
555	5	0	15	200	5	0.25	0.3	5660		147	1500	15	120	16300	2
556	7	7	35	225	4	0.51	0.5	8430		125	1125	20	170	51000	3
CS80-557	6	4	70	300	8	0.49	2.6	9340		100	1000	35	150	54000	2

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

No. 0-594

DATE: Sept.1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
					Mo	H.M.%									
CS80-558	63	20	250	8	0.35	03	76300		40	1000	45	100	3900	235	
CS80-635	75	60	295	6	0.66	26	86000		120	450	20	160	18500	2	
636	80	70	300	6	0.68	34	73000		108	1550	40	200	28000	5	
637	430	340	870	9	1.73	52	122000		90	1660	35	120	65000	2	
638	490	185	790	5	1.12	29	108000		114	810	20	150	46000	2	
639	126	25	550	5	0.30	06	130000		186	1800	20	155	14500	175	
640	180	20	850	3	0.22	02	140000		428	1900	35	165	12000	2	
641	36	28	110	2	4.34	09	62500		14	870	20	230	3700	3	
642	405	15	4100	4	0.21	02	220000		909	1760	20	200	6100	2	
CS80-643	44	28	158	5	2.18	10	53800		17	660	10	180	6700	2	
CS80-466	150	10	800	4	0.17	02	95000		360	1000	25	95	15200	2	
467	255	20	350	4	0.35	07	74000		60	900	20	100	17200	2	
468	91	210	390	14	1.19	20	99500		124	770	25	150	28000	2	
CS80-469	120	100	350	5	0.46	12	110000		100	500	30	140	27000	2	
CS80-487	52	80	221	8	0.82	22	75000		101	1120	30	120	26000	2	
488	75	55	310	2	0.38	18	75000		90	1000	15	100	33000	2	
489	250	150	1650	5	0.32	16	135000		53	1700	20	130	35000	225	
490	160	260	2000	15	0.65	75	160000		89	1410	30	250	110000	30	
491	26	45	150	5	0.65	12	51000		4	570	20	180	10500	80	
492	27	30	105	6	0.74	07	59700		21	730	25	240	21400	9	
493	22	19	102	3	1.02	06	53900		6	650	5	200	2100	2	
494	35	20	78	3	2.84	07	61000		14	1000	10	215	5400	10	
495	19	50	140	4	5.16	07	56700		28	1000	10	90	2200	3	
496	200	10	400	4	0.07	02	60000		1040	250	15	100	12400	1150	
497	180	90	1620	20	0.37	10	136000		250	1125	15	130	53000	2	
498	32	20	69	2	8.29	06	42600		12	660	20	135	2300	3	
CS80-499	16	18	83	4	1.54	07	43000		12	640	15	160	4300	25	
CS80-516	60	30	250	4	0.41	06	84000		80	900	15	150	8400	4	
517	40	25	190	3	0.66	05	79000		52	1200	20	130	26000	3	
CS80-518	100	20	840	5	0.31	03	102000		146	1000	25	90	52000	2	

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-594

DATE: Sept. 1 1980.

Sample Number	Mg %	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Ca %	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-519		50	32	160	5	0.92	13	86600		39	1320	15	130	4800	2
520		78	36	280	6	1.49	03	130000		41	2120	10	140	3150	3
521		54	28	168	2	1.36	09	112000		32	2600	10	120	6900	2
522		150	160	750	4	0.40	12	129000		140	1125	20	160	16000	6
523		90	55	350	4	0.36	11	89000		138	550	40	100	11000	10
524		75	60	160	4	0.25	10	47500		30	500	15	100	25000	8
525		11	9	34	2	2.88	02	10200		12	105	15	30	31500	5
526		850	2800	5970	45	0.44	150	85000		1018	9000	35	210	30000	7
CS80-527		220	100	450	8	0.58	35	210000		156	550	35	150	12000	9

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag. Heavy Mineral

No. 0-594

DATE: Sept. 11 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-528		50										
529		20										
530		53										
531		43										
532		28										
533		185										
534		205										
535		no sample										
536		130										
537		27										
538		450										
539		125										
540		10										
541		35										
542		45										
543		25										
544		15										
545		11										
546		12										
547		10										
548		10										
549		160										
550		155										
551		108										
552		95										
553		650										
554		100										
555		20										
556		115										
CS80-557		66										

*Estimated due to insufficient sample size.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag.

Heavy Mineral

No. 0-594

DATE: Sept. 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-558		55					•					
CS80-635		100					•					
636		85					•					
637		250					•					
638		69					•					
639		10					•					
640		10					•					
641		26					•					
642		20					•					
CS80-643		27					•					
CS80-466		20					•					
467		30					•					
468		120					•					
CS80-469		60					•					
CS80-487		10					•					
488		15					•					
489		80					•					
490		35					•					
491		24					•					
492		24					•					
493		26					•					
494		32					•					
495		50					•					
496		80					•					
497		70					•					
498		34					•					
CS80-499		17					•					
CS80-516		50					•					
517		31					•					
CS80-518		40					•					

*Estimated due to insufficient sample size.

CERTIFIED BY:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Mag. Heavy Mineral

No. 0-594

DATE: Sept. 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-519		26										
520		26										
521		14										
522		65										
523		50										
524		10										
525		350										
526		46										
CS80-527		240										

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-594R

DATE: Sept. 1 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-528	1	12	6	67	2		01	11200		7	85	5	50	5600	2
529	1	15	7	84	2		02	13950		6	90	10	60	4600	<2
530	1	19	12	80	3		01	19800		7	350	10	45	4000	<2
531	3	36	14	126	3		04	24200		1	450	5	70	4000	<2
532	3	31	14	113	3		04	23400		12	245	20	55	3000	<2
533	3	39	16	108	4		08	23200		1	600	15	65	6400	<2
534	3	31	19	114	3		06	28900		16	750	10	45	7600	13
535	no sample														
536	2	21	29	186	2		06	21000		6	250	10	25	5000	6
537	1	15	11	138	2		01	13600		1	270	15	35	3200	9
538	1	19	19	197	3		03	16800		12	750	5	40	6000	8
539	2	28	14	77	2		06	25900		11	380	10	40	3400	<2
540	1	10	7	43	1		01	13800		4	200	5	20	2000	4
541	1	12	9	50	1		01	15800		11	440	<5	30	2600	3
542	1	11	10	53	1		02	15000		14	800	5	30	3000	18
543	2	20	12	157	1		02	21800		18	350	5	50	2800	16
544		9	12	68	1		02	15200		18	800	5	45	4600	3
545	1	16	17	72	1		03	23900		14	500	10	30	3600	2
546	1	12	9	59	2		02	17000		16	800	<5	35	3400	<2
547	1	10	18	150	2		01	21000		19	210	5	25	3000	4
548	1	16	16	72	2		02	25200		20	900	<5	40	5400	2
549	3	31	18	292	4		04	22900		31	245	5	85	7200	<2
550	1	35	23	263	3		06	32200		20	850	10	20	4000	2
551	3	30	23	105	2		04	31800		27	310	5	50	3800	<2
CS80-552	2	28	13	122	2		04	17000		40	300	5	60	5000	<2

CERTIFIED BY:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-616, 0-616R Date samples received Aug.14/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 97 H.M. 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC08115

ATTENTION: E. P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-616

DATE: Sept. 12 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-692	2	80	25	200	8	10	60	500		106	750	15	40	18000	0.29
693	3	60	30	280	8	20	70	1000		11	1200	20	30	28000	0.29
694	4	45	20	120	4	30	20	600		15	600	30	40	6000	0.22
695	5	35	40	210	6	30	70	700		139	1050	25	80	13000	0.41
696	6	30	45	150	5	20	50	750		20	800	20	90	19000	0.30
697	7	60	50	270	4	10	90	800		20	1900	25	80	24000	0.30
698	8	45	20	240	4	15	90	850		14	1850	15	40	26000	0.23
CS80-699	9	40	25	120	3	08	50	600		7	650	20	75	17400	0.43

CERTIFIED BY:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Heavy Mineral

FILE No. 0-616

DATE: Sept. 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-662		180	46	420	22		25	17500		130	800	10	155	4200	0.63
663		150	60	350	12		15	10800		314	570	225	180	1850	1.03
664		no	sample				•								
665		190	160	385	12		31	13200		285	860	15	150	13600	0.80
666		56	90	290	9		32	7170		96	920	10	140	7350	0.72
667		70	140	305	8		14	9100		43	940	15	180	6800	0.45
668		90	35	220	10		40	5800		20	700	10	90	nes	0.13
CS80-669		20	20	250	15		07	3050		4	620	10	75	25000	0.92
670		130	270	2550	25		14	8400		70	1190	10	90	57000	0.39
671		70	150	2240	20		15	9600		8	1200	10	85	31000	0.37
672		60	30	230	15		10	6550		11	880	10	100	23000	0.28
673		90	20	260	10		20	7140		18	950	10	110	17600	0.19
674		50	50	335	9		17	7830		48	960	15	130	28000	0.70
675		24	18	218	4		08	2730		21	550	5	110	8750	3.02
676		60	25	400	4		30	9540		10	200	10	120	36000	0.32
677		780	8400	4630	3		220	14800		120	650	100	40	45000	50.11
678		160	2360	1320	4		45	7960		135	580	330	60	4300	7.68
679		90	690	3430	3		27	5840		54	540	25	50	1700	2.62
680		30	70	81	3		09	3820		33	380	10	35	1000	4.22
681		75	400	3160	4		15	5900		32	630	10	60	1500	1.83
682		160	230	1660	3		22	7840		2	600	10	40	2300	1.57
683		80	115	307	4		09	6900		37	620	5	80	1000	3.33
684		24	150	280	3		10	50000		31	380	10	140	8400	3.02
685		100	90	850	8		24	10400		12	2050	35	90	5700	0.27
686		55	45	390	6		20	9850		39	1300	25	80	20000	0.31
687		80	35	550	8		28	11700		27	1700	15	80	56000	0.33
688		35	50	395	9		26	11400		8	1100	10	80	36000	0.43
689		65	25	400	6		24	10800		48	1125	15	90	22000	0.26
690		25	36	390	5		14	10800		7	1540	10	120	42000	0.40
CS80-691		70	70	360	7		20	9600		108	2000	10	130	12400	0.26

CERTIFIED BY:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-616

DATE: Sept. 12

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-588	35	40	450	4		2.0	12800.0		44	1800	10	25	14400		0.23
589	45	35	320	5		2.0	11500.0		125	1500	10	30	5400		0.29
590	130	72	655	20		1.8	12000.0		81	1250	10	75	10000.0		1.55
591	120	46	565	12		2.8	12200.0		68	1150	15	80	6800.0		0.80
592	110	56	390	15		2.5	13100.0		100	1400	30	80	5200.0		0.58
593	200	80	1100	14		2.7	15600.0		96	1650	10	120	11600.0		1.15
594	60	40	520	8		4.0	10400.0		32	1000	10	75	6800.0		0.18
595	25	36	260	6		1.5	8650.0		13	1050	5	115	5200.0		0.37
596	45	35	470	5		1.1	13200.0		80	2200	10	110	16000		0.28
597	30	40	612	10		2.0	5800.0		128	1600	10	50	nes		0.13
598	85	80	570	5		2.0	21000.0		400	1750	10	60	2600		0.17
CS80-599	120	60	740	4		4.0	24000.0		186	3300	15	30	1500		0.27
CS80-644	25	40	65	4		1.5	6350.0		19	300	10	100	1300		0.37
645	30	45	165	3		6.0	7220.0		33	450	20	120	1600		0.23
646	75	50	525	8		3.0	9100.0		78	1350	10	100	9000		0.38
647	105	45	425	5		2.3	11500.0		146	1250	15	60	8800		0.26
648	200	200	525	15		3.2	11200.0		160	880	20	130	17200		0.77
649	80	95	180	10		1.1	11600.0		71	725	5	150	5400		0.45
650	150	130	735	20		2.0	12100.0		116	800	10	140	7800		0.64
651	48	80	200	10		3.2	6470.0		43	600	40	80	16000		0.48
652	75	50	465	24		2.5	6370.0		33	725	20	60	16000.0		0.52
653	60	50	140	10		4.0	6670.0		62	660	20	75	32000		0.28
654	55	60	135	8		1.2	6070.0		48	685	10	90	36000		0.43
655	38	55	305	6		1.2	3430.0		27	300	10	50	13200.0		0.42
656	85	35	525	5		2.5	14000.0		167	500	10	100	14800		0.16
657	70	55	480	15		1.5	11000.0		84	1250	20	90	16800		0.68
658	40	45	220	12		3.5	11100.0		200	600	60	45	9000		0.19
659	75	100	620	25		7.5	17500.0		527	875	25	50	13600.0		0.53
660	35	120	360	10		2.2	10300.0		50	900	15	40	12000		0.29
CS80-661	30	60	130	5		1.1	6640.0		124	1750	10	60	8400.0		0.57

CERTIFIED BY:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Heavy Mineral

No. 0-616

DATE: Sept. 12, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo %	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-535	1	85	25	500	4		3	11800		120	1650	15	45	36000	0.20
CS80-559	1	70	50	800	5		3	10000		59	2100	20	80	56000	0.37
560	1	60	60	220	6		2	6840		114	800	15	45	22000	0.58
561	1	75	140	782	12		2	19900		56	5000	40	200	104000	1.14
562	1	80	100	540	13		2	13200		85	1620	10	150	36000	0.50
563	1	100	60	990	10		2	14900		46	1500	10	60	120000	1.16
564	1	150	90	390	7		2	12800		62	1275	15	85	48000	0.42
565	1	160	80	440	8		3	13200		177	825	200	75	40000	0.54
566	1	120	55	655	6		6	15200		323	1200	20	45	nes	0.13
567	1	90	65	270	8		4	15000		200	1120	15	30	16800	0.27
568	1	95	50	475	10		2	13000		30	1375	20	50	36000	0.25
569	1	150	80	920	10		2	12900		74	1500	15	85	24000	0.32
570	1	140	90	300	12		0	10300		48	1050	35	40	15000	0.44
571	1	112	32	220	15		1	7350		44	1650	20	35	20000	0.60
572	1	25	25	210	15		2	6130		70	850	30	40	32000	0.25
573	1	65	45	295	16		2	8345		16	380	40	80	12800	0.33
574	1	58	48	290	13		0	8298		20	230	50	70	40000	3.48
575	1	55	25	260	16		1	5488		31	225	25	50	38000	0.61
576	1	40	15	230	15		1	3870		8	165	25	60	40000	0.83
577	1	38	32	315	12		2	3910		56	500	35	80	64000	0.49
578	1	100	25	300	16		3	8150		219	1400	40	35	54000	0.21
579	1	120	20	140	11		0	7847		32	115	25	30	5600	0.85
580	1	80	80	670	8		2	12400		62	1625	35	90	68000	0.59
581	1	75	35	225	12		1	3566		53	705	25	80	20000	0.86
582	1	85	45	925	8		1	7128		74	1300	30	110	64000	0.53
583	1	70	100	1050	10		2	8154		47	2025	30	200	72000	0.53
584	1	80	95	545	12		2	5122		36	1450	25	180	14400	0.49
585	1	80	90	495	10		2	5128		48	1750	30	150	6600	0.39
586	1	220	100	585	9		2	4170		33	800	80	80	16000	1.21
CS80-587	1	85	65	960	52		3	8183		76	775	25	120	80000	0.52

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E. P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-616R

DATE: Sept. 1 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm
CS80-535	21	10	98	2		0.2	2090	0		5	430	10	50	1400
559	25	15	104	3		0.4	2480	0		5	800	15	60	1300
560	21	12	79	2		0.3	1710	0		1	460	15	45	2100
561	22	15	133	1		0.3	2620	0		<1	1200	5	45	2200
562	24	14	107	1		0.3	2490	0		5	700	20	55	1400
563	18	14	70	2		0.3	1930	0		<1	355	15	30	1500
564	30	16	108	1		0.3	2590	0		15	500	5	40	1300
565	28	14	101	2		0.3	2290	0		13	390	5	50	1500
566	31	15	114	3		0.5	2470	0		8	465	10	60	1400
567	23	16	70	2		0.2	2410	0		2	1100	5	40	1200
568	21	12	87	2		0.4	1990	0		10	340	15	45	1500
569	22	14	88	2		0.4	2090	0		<1	410	5	45	1500
570	28	19	113	3		0.2	2390	0		7	1350	10	60	1300
571	17	12	96	2		0.2	2220	0		1	500	5	50	2100
572	11	13	58	1		0.2	1140	0		<1	310	10	40	1000
573	24	16	128	2		0.4	1420	0		2	210	25	150	1200
574	30	20	129	5		0.3	1720	0		1	180	15	95	800
575	17	8	69	2		0.4	1380	0		<1	70	20	35	2000
576	15	6	67	1		0.2	1390	0		<1	65	10	30	2000
577	12	9	52	1		0.2	1230	0		4	90	20	40	1400
578	14	10	80	2		0.3	2270	0		6	550	10	40	1400
579	16	6	36	1		0.2	1410	0		5	80	20	20	950
580	21	16	105	1		0.3	2230	0		5	440	10	50	1500
581	25	11	59	2		0.2	1290	0		1	220	5	30	4500
CS80-582	22	17	110	1		0.3	2600	0		7	395	15	40	1300

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-703 Date samples received Aug.22/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 132 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20 mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

File No. 0-703

DATE: Sept.12, 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
					Mo	HM%									
CS80-995	70	108	330	4	4.32	12	13200		79	2200	10	50	1200	7	
996	30	24	80	3	1.68	03	4960		24	650	10	60	1300	13	
997	50	13	75	3	2.36	05	3750		4	420	10	80	15000	11	
998	28	15	79	4	1.38	07	3310		3	500	15	60	7000	20	
999	36	9	160	3	0.90	08	3830		28	800	10	50	10800	4	
1000	120	162	525	5	2.08	15	14900		80	3100	10	60	1600	9	
1001	42	38	310	4	2.58	10	9580		33	1700	25	45	1000	2	
1002	22	25	300	12	1.76	05	3100		21	500	20	70	26000	8	
1003	100	600	1180	4	0.72	10	11100		48	1000	15	50	28000	3	
CS80-1004	85	35	275	3	0.76	10	8450		112	1150	10	40	60000	3	
CS80-1008	20	10	75	4	1.34	05	6240		11	425	15	220	4600	3	
1009	50	27	1050	9	0.52	18	11400		91	1050	20	110	60000	3	
1010	60	20	390	10	0.37	90	10600		32	1000	15	100	36000	4	
1011	70	14	210	20	0.58	08	7700		108	1275	20	200	8000	5	
1012	230	57	990	25	1.09	21	23500		25	2670	15	160	3200	16	
1013	75	13	285	12	0.56	06	6630		45	675	10	180	11000	18	
1014	20	17	132	7	2.85	08	7280		19	920	25	90	4000	7	
1015	150	81	1330	54	1.89	27	27200		435	4900	15	230	2200	4	
1016	320	52	1660	22	6.54	31	24400		310	470	10	240	900	6	
1017	130	44	1170	38	5.80	12	12000		67	790	15	235	32000	5	
1018	70	130	780	75	1.40	23	18200		104	1125	10	200	12000	2	
1019	80	50	730	30	4.61	24	24500		290	510	10	265	2400	3	
1020	68	33	307	28	4.89	10	10100		131	260	25	110	2600	3	
CS80-1021	200	113	2570	86	5.88	26	22800		340	560	20	550	24000	2	
CS80-935	130	130	290	25	0.35	30	11300		110	1150	15	55	6000	4	
936	210	37	510	32	1.95	24	9970		138	400	20	180	1800	2	
937	40	17	130	15	2.33	08	5580		31	330	20	140	1200	55	
938	32	38	122	8	1.40	08	4550		38	380	15	85	3600	4	
939	250	59	760	15	0.52	12	12000		59	2600	20	90	7600	4	
CS80-940	24	29	119	3	3.79	07	1910		10	170	15	85	1400	180	

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-703

DATE: Sept. 1

Heavy Mineral

1980

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
	x				x	x									
					Mo	HM%									
CS80-941		32	45	154	6	5.81	07	21100		20	220	5	75	1400	2
942		170	260	1360	120	3.02	42	108000		122	360	5	300	1400	2
943		30	30	85	4	1.25	05	17000		10	120	10	45	1200	4
944		20	50	170	4	0.64	08	89500		64	900	10	90	2000	2
945		42	20	150	3	0.51	05	81700		73	850	20	80	800	20
846		40	45	220	3	0.77	08	83400		20	550	20	45	2000	2
947		60	30	175	10	0.49	10	53800		390	500	10	75	1000	5
948		35	35	325	12	0.21	25	88100		267	1000	25	95	2800	3
CS80-949		140	250	660	10	1.47	24	124000		3	1450	15	180	900	40
CS80-890		65	25	130	9	0.19	33	48400		346	1300	10	150	20000	5
891		100	100	2100	19	3.02	20	104000		33	820	10	200	3200	15
892		44	55	510	24	1.05	18	64100		9	2400	10	150	2800	11
893		45	25	710	20	0.78	15	7000		80	900	15	200	15000	3
894		35	20	290	7	2.21	08	37300		17	875	20	85	3400	2
895		30	25	145	5	1.95	05	48200		19	540	15	65	1100	3
896		50	25	185	8	0.78	08	73000		44	750	15	120	2000	3
897		45	15	90	5	0.58	06	28400		53	400	10	100	1700	5
898		75	25	250	25	0.92	09	35200		71	260	10	55	5200	45
899		35	40	255	5	1.68	10	38800		10	235	35	75	1400	5
900		30	18	85	4	1.08	08	27600		22	180	15	100	14800	2
901		12	10	61	2	2.73	05	20100		77	600	35	55	2800	5
902		10	8	61	2	3.88	03	25100		10	810	50	50	1400	9
903		80	30	398	9	4.08	11	44400		108	1700	10	75	24000	4
904		48	20	675	15	1.18	08	31600		46	1675	20	200	24000	5
905		36	15	510	16	3.28	08	21300		16	980	25	195	8400	3
906		60	25	550	18	1.71	13	56300		10	1050	15	130	54000	2
907		90	10	160	9	0.76	10	51800		46	650	15	150	8800	2
908		55	25	250	7	1.74	13	47700		29	750	15	120	15000	2
908		40	15	235	5	1.39	08	59000		26	500	10	220	1800	8
CS80-910		75	20	510	10	1.12	13	63700		47	800	20	135	12000	15

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Heavy Mineral

Report No. 0-703

DATE: Sept. 17 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-911	3	18	135	8	1.05	05	21900		14	180	10	80	3500	2
912	5	16	370	9	1.28	07	43800		19	360	15	150	5200	2
913	4	25	105	6	1.82	06	41900		13	400	25	110	6300	2
914	2	22	85	4	2.01	05	39300		13	380	20	65	3300	2
915	10	20	520	5	0.28	01	13200		77	300	20	120	4900	9
916	1	18	70	8	0.95	03	28600		10	190	15	90	1700	6
917	3	26	275	17	3.87	06	43000		23	200	10	80	7300	6
918	3	27	135	14	1.07	12	38000		50	250	10	110	2900	2
919	7	22	65	6	1.53	07	43800		35	800	15	120	1900	16
920	7	30	70	9	1.65	06	50700		55	800	15	100	1500	2
921	1	17	85	5	1.70	06	45000		32	180	15	105	1850	2
922	2	22	145	3	2.68	05	32400		30	300	15	75	2000	45
923	2	36	570	4	1.52	05	58600		13	500	30	85	2800	8
924	168	145	880	8	3.09	17	18400		123	2400	10	75	1200	2
925	5	42	315	9	1.01	09	10400		33	900	15	120	1700	2
926	4	42	60	3	7.53	09	30800		20	380	15	60	1200	2
927	3	22	110	4	1.21	05	33300		23	220	10	60	3000	2
928	2	14	37	4	0.54	12	87700		93	450	10	100	1850	13
929	4	48	895	10	0.98	12	66100		48	700	15	80	37500	8
930	4	88	268	12	6.93	10	27900		31	180	10	90	1600	9
931	7	60	250	10	1.68	13	81800		61	1200	10	80	2100	16
932	1	15	80	4	1.61	03	25300		10	240	10	60	3900	18
933	1	21	95	5	0.96	03	36000		7	300	15	35	9800	8
CS80-934	4	40	315	6	1.68	05	46400		6	350	20	40	4900	2
CS80-950	14	140	410	8	2.27	19	13900		119	2700	20	60	1600	2
951	15	155	400	9	2.43	18	17400		279	2800	10	75	1200	2
952	24	405	730	12	3.02	33	24300		478	3700	20	125	4700	2
953	13	257	547	6	1.98	21	15400		300	2600	45	65	1250	3
954	17	201	480	4	2.85	15	19400		94	2700	40	75	1200	9
CS80-955	8	145	405	24	1.27	15	25800		154	4000	40	90	1300	30

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 0-703

DATE: Sept.12, 1980.

Heavy Mineral

Sample Number	Mo % XXX	Cu ppm	Pb ppm	Zn ppm	Mo ppm	HM %	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-956		57	125	670	5	0.92	12	97000		31	1200	25	95	1600	2
957		49	60	612	4	1.05	13	110000		13	1600	20	90	1400	2
958		33	35	215	4	1.22	09	67300		18	450	25	75	2000	2
959		31	36	585	5	1.64	06	73300		20	1400	25	45	6600	2
960		71	75	590	8	1.29	10	167000		30	2300	20	50	3200	8
961		48	50	710	9	1.12	13	122000		29	1100	15	55	3200	2
962		53	300	525	15	0.66	26	162000		189	2100	20	80	1600	8
963		144	1470	1480	85	1.43	34	180000		98	2200	20	150	8000	13
964		66	75	660	32	1.97	12	61400		23	950	35	145	2200	9
965		53	90	550	20	1.52	10	62200		35	1100	25	140	1400	23
966		208	95	830	30	1.26	22	120000		77	1400	40	110	4200	18
970		60	66	455	6	1.42	13	113000		121	3500	35	100	800	13
971		116	220	700	14	1.49	30	122000		163	180	30	90	62000	325
972		10	20	135	4	1.54	05	33300		2	240	20	60	4800	13
973		68	85	750	15	1.33	18	115000		46	1400	25	80	4000	13
974		76	150	760	16	2.01	15	115000		33	1900	15	120	11600	8
975		143	80	815	10	1.23	14	162000		65	1600	25	100	36000	8
976		46	79	440	12	2.72	11	69000		43	1000	30	70	4400	9
977		58	63	410	8	2.63	14	131000		53	2300	25	60	60000	2
978		39	68	405	4	3.26	12	103000		46	2600	10	55	1400	2
979		158	180	930	22	1.97	21	143000		58	2200	25	90	16000	17
980		112	235	3600	20	0.30	35	182000		80	4000	15	55	3200	45
CS80-981		105	360	2700	12	0.32	35	216000		100	2900	20	40	4000	13

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept.11, 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
	Mo					HM %									
CS80-982	156	103	770	15	1.08	26	16500		109	1650	30	100	6400	4
983	132	280	2000	51	0.96	46	20500		160	2900	50	240	30000	7
984	74	80	280	8	0.79	20	10900		68	1400	20	88	7600	8
985	42	225	320	16	0.73	12	8650		155	950	10	45	3900	13
986	18	90	160	4	0.75	10	7480		55	1450	15	35	3400	3
987	19	66	130	5	1.01	08	5840		65	950	10	55	3600	2
988	23	79	136	6	0.84	11	5450		31	1300	10	40	3200	2
989	42	44	186	8	1.37	10	5950		89	700	15	45	6400	2
990	52	56	220	3	0.76	16	10000		26	1050	15	60	14600	2
991	21	19	120	2	0.75	09	5430		18	300	10	40	4000	2
992	22	30	128	5	0.74	12	6000		35	380	10	70	7400	13
993	45	97	275	20	1.21	05	14500		84	1050	15	80	13400	8
CS80-994	56	69	285	8	1.29	19	11400		84	1000	10	150	21000	4
CS80-967	216	98	1120	20	1.47	24	15100		143	1500	45	100	19200	6
968	269	80	1420	26	1.71	29	16800		162	1700	40	130	84000	12
CS80-969	60	306	330	9	1.22	14	10000		90	1350	5	65	9600	14
CS80-1005	252	57	540	18	0.50	21	15400		110	3250	10	50	20000	7
06	46	66	246	9	1.50	20	14000		81	1100	5	90	16400	2
CS80-1007	31	61	217	10	1.84	18	12900		61	410	5	70	13500	2

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-673 Date samples received Aug.11/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 50 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks: More samples to follow.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Report No. 0-673

DATE: Sept.12, 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
	x x				Mo	HM%									
CS80-870	30	25	540	10	0.53	16	94200		41	1550	15	95	25000		<2
871	45	40	205	6	0.73	28	60400		12	1450	25	130	54000		<2
872	95	32	545	7	0.41	15	133000		7	1800	15	120	44000		2
873	75	30	490	9	0.68	23	114000		4	2200	20	55	140000		2
874	72	25	250	9	0.90	10	59400		17	750	15	160	7400		<2
875	65	30	425	8	0.48	16	120000		6	1600	20	100	10400		<2
876	72	40	175	5	0.90	13	82400		4	900	30	100	3400		2
877	50	15	110	6	1.71	10	52200		135	675	30	110	20000		2
878	26	15	105	4	0.81	07	34000		4	630	50	125	4000		<2
879	25	16	90	6	1.49	05	36300		3	360	45	55	2800		<2
880	30	24	145	7	0.53	06	147000		29	725	25	125	2400		<2
881	38	25	125	8	0.93	10	73400		80	1620	45	130	2000		2
882	25	25	115	4	1.34	10	53000		51	1340	15	55	2100		2
883	130	50	395	6	2.37	09	126000		34	1150	30	50	10400		3
884	100	30	815	8	0.60	15	36900		202	900	20	130	16000		<2
885	36	36	525	9	1.02	09	37200		57	660	10	200	28000		<2
886	35	25	305	5	1.20	15	81000		70	900	15	165	24000		<2
887	50	25	415	4	1.10	13	95500		70	850	10	130	4600		2
888	20	24	85	5	1.20	13	54500		35	450	20	230	6200		2
CS80-889	35	35	100	4	0.83	12	32000		116	480	10	95	4800		<2

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-673

DATE: Sept.12

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-780	130	30	925	18	0.69	25	1.96	0.0		36	1650	25	50	3600	2
781	78	17	1050	20	0.89	20	4.27	0.0		51	1540	15	240	2400	2
782	75	10	315	12	0.22	30	9.70	0.0		164	800	20	80	4000	<2
783	35	15	105	14	0.40	15	3.70	0.0		46	450	15	120	1320	<2
784	85	50	915	16	0.47	25	1.77	0.0		96	2150	15	170	3400	<2
785	100	30	525	25	0.38	32	1.01	0.0		184	1850	20	180	5600	2
786	50	15	900	16	1.10	15	3.55	0.0		32	920	25	270	3600	2
787	80	50	575	15	0.16	50	1.18	0.0		200	2500	10	100	2000	<2
788	75	30	270	6	0.24	30	8.00	0.0		76	1050	10	130	1560	2
789	60	15	125	8	0.39	23	5.30	0.0		23	550	15	150	3000	<2
790	50	22	125	7	0.39	30	5.30	0.0		107	2100	10	145	7500	<2
791	60	30	110	6	0.26	32	5.85	0.0		117	625	5	100	1360	9
792	100	30	330	9	0.48	30	9.20	0.0		112	2000	15	130	1200	3
793	90	70	520	15	0.23	40	1.32	0.0		352	2650	15	120	2600	<2
794	80	44	800	25	0.95	16	1.12	0.0		64	2880	25	150	1740	2
795	75	35	1505	20	0.77	25	5.00	0.0		92	2350	20	230	1280	<2
796	45	38	635	12	0.37	50	8.50	0.0		50	1550	10	180	7200	<2
797	120	80	1100	10	0.25	60	1.18	0.0		352	3000	15	130	2200	<2
798	140	70	680	20	0.50	70	1.43	0.0		72	2400	80	150	1040	<2
799	75	130	460	5	0.07	90	1.48	0.0		400	3100	15	120	nes	nes
800	85	115	115	6	0.14	60	1.83	0.0		1	750	15	140	nes	nes
801	85	38	285	8	0.31	32	1.24	0.0		120	1625	20	130	8000	8
802	190	40	330	6	0.45	30	1.58	0.0		72	1800	10	130	6800	2
803	100	16	230	8	0.29	50	8.50	0.0		213	825	10	150	5000	2
804	390	830	1980	35	1.96	27	1.74	0.0		100	3600	20	230	2200	<2
805	350	65	1525	15	0.61	30	2.40	0.0		176	3300	15	150	7000	<2
806	180	80	510	12	0.42	20	1.78	0.0		120	2000	20	130	2000	2
807	270	27	775	18	2.37	12	9.80	0.0		58	2100	10	90	4200	<2
808	180	40	750	12	0.45	25	1.62	0.0		88	2200	10	80	6000	<2
CS80-809	200	45	130	20	0.61	50	1.55	0.0		128	1850	15	200	1000	2

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.11/80.

File No. 0-594, 0-594R Date samples received Aug.7/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 68 H.M. (Non Mag) 68 H.M.(Mag) 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

FILE No. 0-594

DATE: Sept. 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-528	1	60	10	200	3	0.28	0.2	54000		32	600	10	150	12000	65
529	1	60	48	220	3	0.38	0.3	52500		130	500	10	180	11700	80
530	1	67	45	230	8	0.93	2.1	86500		67	830	10	180	24500	2
531	1	60	30	540	6	0.33	0.3	12400		69	1200	10	135	16200	2
532	1	50	12	450	3	0.21	0.2	11500		320	750	35	120	15200	3
533	1	47	49	340	5	0.50	3.2	113500		74	975	35	130	13000	2
534	2	10	80	300	8	0.44	0.4	18600		8	1000	15	135	63000	15
534	no sample														
536	1	10	140	750	10	0.76	2.0	86600		96	1120	20	100	15500	2
537	1	25	15	1500	6	0.27	0.3	12400		174	1200	20	180	63500	8
538	1	50	20	1500	5	0.28	0.3	11700		154	2000	20	130	67000	2
539	1	35	42	235	10	1.28	2.9	91400		36	800	10	150	5800	4
540	2	0	22	64	4	1.71	0.4	41800		19	830	15	85	2700	4
541	3	8	30	158	5	1.17	0.8	73500		38	1750	10	120	9300	2
542	8	5	65	325	4	0.37	0.4	10600		160	2100	25	60	11200	2
543	6	8	52	290	4	0.80	0.6	91700		77	1360	15	55	14300	12
544	4	0	40	255	2	0.61	0.9	55500		64	1160	25	45	32000	2
545	4	7	31	132	3	0.93	1.5	60400		29	990	20	130	14900	2
546	2	4	21	100	3	1.96	0.9	51700		23	980	25	200	12000	2
547	1	00	10	800	3	0.10	0.5	11000		440	500	30	150	13100	2
548	6	0	10	220	3	0.27	0.3	62500		266	700	20	140	50000	2
549	1	16	78	1070	23	1.00	1.9	127500		170	780	35	230	60000	2
550	2	50	10	1200	9	0.20	0.1	23000		666	1100	15	200	14000	2
551	1	10	72	290	15	1.54	1.2	13500		31	1450	15	100	4100	4
552	1	04	48	378	12	0.83	1.9	93500		89	750	20	150	61000	8
552	2	72	65	1050	12	0.55	2.1	21500		165	1800	25	200	52000	5
554	6	4	54	150	4	0.48	0.5	58000		60	535	10	100	6700	3
555	5	0	15	200	5	0.25	0.3	56600		147	1500	15	120	16300	2
556	7	7	35	225	4	0.51	0.5	84300		125	1125	20	170	51000	3
CS80-557	6	4	70	300	8	0.49	2.6	93400		100	1000	35	150	54000	2

COMPAN Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-594

DATE: Sept. 1
1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	H.M. %	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-5	58	63	20	250	8	0.35	03	76300		40	1000	45	100	3900	235
CS80-6	35	75	60	295	6	0.66	2%	860000		120	450	20	160	18500	2
6	36	80	70	300	6	0.68	3%	730000		108	1550	40	200	28000	5
6	37	430	340	870	9	1.73	52	1220000		90	1660	35	120	65000	2
6	38	490	185	790	5	1.12	29	1080000		114	810	20	150	46000	2
6	39	126	25	550	5	0.30	06	1300000		186	1800	20	155	14500	175
6	40	180	20	850	3	0.22	02	1400000		428	1900	35	165	12000	2
6	41	36	28	110	2	4.34	09	625000		14	870	20	230	3700	3
6	42	405	15	4100	4	0.21	02	2000000		909	1760	20	200	6100	2
CS80-6	43	44	28	158	5	2.18	10	538000		17	660	10	180	6700	2
CS80-4	66	150	10	800	4	0.17	02	950000		360	1000	25	95	15200	2
4	67	255	20	350	4	0.35	07	740000		60	900	20	100	17200	2
4	68	91	210	390	14	1.19	20	995000		124	770	25	150	28000	2
CS80-4	69	120	100	350	5	0.46	12	1100000		100	500	30	140	27000	2
CS80-4	87	52	80	221	8	0.82	22	750000		101	1120	30	120	26000	2
4	88	75	55	310	2	0.38	18	750000		90	1000	15	100	33000	2
4	89	250	150	1650	5	0.32	16	1350000		53	1700	20	130	35000	225
4	90	160	260	2000	15	0.65	75	1600000		89	1410	30	250	11000	30
4	91	26	45	150	5	0.65	12	510000		4	570	20	180	10500	80
4	92	27	30	105	6	0.74	07	597000		21	730	25	240	21400	9
4	93	22	19	102	3	1.02	06	539000		6	650	5	200	2100	2
4	94	35	20	78	3	2.84	07	610000		14	1000	10	215	5400	10
4	95	19	50	140	4	5.16	07	567000		28	1000	10	90	2200	3
4	96	200	10	400	4	0.07	02	600000		1040	250	15	100	12400	1150
4	97	180	90	1620	20	0.37	10	1360000		250	1125	15	130	53000	2
4	98	32	20	69	2	8.29	06	426000		12	660	20	135	2300	3
CS80-4	99	16	18	83	4	1.54	07	430000		12	640	15	160	4300	25
CS80-5	16	60	30	250	4	0.41	06	840000		80	900	15	150	8400	4
5	17	40	25	190	3	0.66	05	790000		52	1200	20	130	26000	3
CS80-5	18	100	20	840	5	0.31	03	1020000		146	1000	25	90	52000	2

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-594

DATE: Sept. 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-519	5	50	32	160	5	0.92	13	86600		39	1320	15	130	4800	2
520	6	78	36	280	6	1.49	03	130000		41	2120	10	140	3150	3
521	2	54	28	168	2	1.36	09	112000		32	2600	10	120	6900	2
522	4	150	160	750	4	0.40	12	129000		140	1125	20	160	16000	6
523	4	90	55	350	4	0.36	11	89000		138	550	40	100	11000	10
524	4	75	60	160	4	0.25	10	47500		30	500	15	100	25000	8
525	2	11	9	34	2	2.88	02	10200		12	105	15	30	31500	5
526	45	850	2800	5970	45	0.44	150	850000		1018	9000	35	210	300000	7
CS80-527	8	220	100	450	8	0.58	35	210000		156	550	35	150	120000	9

COMPANY Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag.

Heavy Mineral

FILE No. 0-594

DATE: Sept. 11 1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-528		50					•					
529		20					•					
530		53					•					
531		43					•					
532		28					•					
533		185					•					
534		205					•					
535		no sample					•					
536		130					•					
537		27					•					
538		450					•					
539		125					•					
540		10					•					
541		35					•					
542		45					•					
543		25					•					
544		15					•					
545		11					•					
546		12					•					
547		10					•					
548		10					•					
549		160					•					
550		155					•					
551		108					•					
552		95					•					
553		650					•					
554		100					•					
555		20					•					
556		115					•					
CS80-557		66					•					

*Estimated due to insufficient sample size.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag.

Heavy Mineral

File No. 0-594

DATE: Sept.1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-558		55					•					
CS80-635		100					•					
636		85					•					
637		250					•					
638		69					•					
639		10					•					
640		10					•					
641		26					•					
642		20					•					
CS80-643		27					•					
CS80-466		20					•					
467		30					•					
468		120					•					
CS80-469		60					•					
CS80-487		10					•					
488		15					•					
489		80					•					
490		35					•					
491		24					•					
492		24					•					
493		26					•					
494		32					•					
495		50					•					
496		80					•					
497		70					•					
498		34					•					
CS80-499		17					•					
CS80-516		50					•					
517		31					•					
CS80-518		40					•					

*Estimated due to insufficient sample size.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Mag. Heavy Mineral

FILE No. 0-594

DATE: Sept. 1 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb
CS80-519	1	26					•					
520	1	26					•					
521	1	14					•					
522	1	65					•					
523	1	50					•					
524	1	10					•					
525	1	350					•					
526	1	46					•					
CS80-527	1	240					•					
							•					
							•					

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-594R

DATE: Sept. 10 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-528	1	12	6	67	2		0.1	11200		7	85	5	50	5600	2
529	1	15	7	84	2		0.2	13950		6	90	10	60	4600	<2
530	1	19	12	80	3		0.1	19800		7	350	10	45	4000	<2
531	1	36	14	126	3		0.4	24200		1	450	5	70	4000	<2
532	1	31	14	113	3		0.4	23400		12	245	20	55	3000	<2
533	1	39	16	108	4		0.8	23200		1	600	15	65	6400	<2
534	1	31	19	114	3		0.6	28900		16	750	10	45	7600	13
535	no sample														
536	1	21	29	186	2		0.6	21000		6	250	10	25	5000	6
537	1	15	11	138	2		0.1	13600		1	270	15	35	3200	9
538	1	19	19	197	3		0.3	16800		12	750	5	40	6000	8
539	1	28	14	77	2		0.6	25900		11	380	10	40	3400	<2
540	1	10	7	43	1		0.1	13800		4	200	5	20	2000	4
541	1	12	9	50	1		0.1	15800		11	440	<5	30	2600	3
542	1	11	10	53	1		0.2	15000		14	800	5	30	3000	18
543	1	20	12	157	1		0.2	21800		18	350	5	50	2800	16
544	1	9	12	68	1		0.2	15200		18	800	5	45	4600	3
545	1	16	17	72	1		0.3	23900		14	500	10	30	3600	2
546	1	12	9	59	2		0.2	17000		16	800	<5	35	3400	<2
547	1	10	18	150	2		0.1	21000		19	210	5	25	3000	4
548	1	16	16	72	2		0.2	25200		20	900	<5	40	5400	2
549	1	31	18	292	4		0.4	22900		31	245	5	85	7200	<2
550	1	35	23	263	3		0.6	32200		20	850	10	20	4000	2
551	1	30	23	105	2		0.4	31800		27	310	5	50	3800	<2
CS80-552	1	28	13	122	2		0.4	17000		40	300	5	60	5000	<2

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-616, 0-616R Date samples received Aug.14/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 97 H.M. 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-616

DATE: Sept.12 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-692		80	25	200	8		10	60500		106	750	15	40	18000	0.29
693		60	30	280	8		20	71000		11	1200	20	30	28000	0.29
694		45	20	120	4		30	26100		15	600	30	40	6000	0.22
695		35	40	210	6		30	70700		139	1050	25	80	13000	0.41
696		30	45	150	5		20	57500		20	800	20	90	19000	0.30
697		60	50	270	4		10	98000		20	1900	25	80	24000	0.30
698		45	20	240	4		15	98500		14	1850	15	40	26000	0.23
CS80-699		40	25	120	3		08	50600		7	650	20	75	17400	0.43

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-616

DATE: Sept.1

Heavy Mineral

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-6 62		180	46	420	2.2		25	17500		130	800	10	155	4200	0.63
63		150	60	350	1.2		15	10800		314	570	225	180	1850	1.03
64		no	sample				•								
65		190	160	385	1.2		31	13200		285	860	15	150	13600	0.80
66		5.6	9.0	290	9		32	71700		96	920	10	140	7350	0.72
67		7.0	140	305	8		14	91000		43	940	15	180	6800	0.45
68		9.0	3.5	220	1.0		40	58000		20	700	10	90	nes	0.13
CS80-6 69		2.0	2.0	250	1.5		0.7	30500		4	620	10	75	25000	0.92
70		130	270	2550	2.5		14	84000		70	1190	10	90	57000	0.39
71		7.0	150	2240	2.0		15	96000		8	1200	10	85	31000	0.37
72		6.0	3.0	230	1.5		10	65500		11	880	10	100	23000	0.28
73		9.0	2.0	260	1.0		20	71400		18	950	10	110	17600	0.19
74		5.0	5.0	335	9		17	78300		48	960	15	130	28000	0.70
75		2.4	1.8	218	4		0.8	27300		21	550	5	110	8750	3.02
76		6.0	2.5	400	4		3.0	95400		10	200	10	120	36000	0.32
77		780	8400	4630	3		2.2	148000		120	650	100	40	4500	50.11
78		160	2360	1320	4		4.5	79600		135	580	330	60	4300	7.68
79		9.0	690	3430	3		2.7	58400		54	540	25	50	1700	2.62
80		3.0	7.0	81	3		0.9	38200		33	380	10	35	1000	4.22
81		7.5	400	3160	4		1.5	59000		32	630	10	60	1500	1.83
82		160	230	1660	3		2.2	78400		2	600	10	40	2300	1.57
83		8.0	115	307	4		0.9	69000		37	620	5	80	1000	3.33
84		2.4	150	280	3		1.0	50000		31	380	10	140	8400	3.02
85		100	90	850	8		2.4	104000		12	2050	35	90	5700	0.27
86		5.5	4.5	390	6		2.0	98500		39	1300	25	80	20000	0.31
87		8.0	3.5	550	8		2.8	117000		27	1700	15	80	56000	0.33
88		3.5	5.0	395	9		2.6	114000		8	1100	10	80	36000	0.43
89		6.5	2.5	400	6		2.4	108000		48	1125	15	90	22000	0.26
90		2.5	3.6	390	5		1.4	108000		7	1540	10	110	42000	0.40
CS80-6 91		7.0	7.0	360	7		2.0	96000		10.8	2000	10	130	12400	0.26

CERTIFIED BY:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-616

DATE: Sept.12 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-588		35	40	450	4		2.0	12,800.0		44	1800	10	25	14400	0.23
589		45	35	320	5		2.0	11,500.0		125	1500	10	30	5400	0.29
590		130	72	655	20		1.8	12,000.0		81	1250	10	75	10000	1.55
591		120	46	565	12		2.8	12,200.0		68	1150	15	80	68000	0.80
592		110	56	390	15		2.5	13,100.0		100	1400	30	80	52000	0.58
593		200	80	1100	14		2.7	15,600.0		96	1650	10	120	11600	1.15
594		60	40	520	8		4.0	10,400.0		32	1000	10	75	68000	0.18
595		25	36	260	6		1.5	8,650.0		13	1050	5	115	52000	0.37
596		45	35	470	5		1.1	13,200.0		80	2200	10	110	16000	0.28
597		30	40	612	10		2.0	5,800.0		128	1600	10	50	nes	0.13
598		85	80	570	5		2.0	21,000.0		400	1750	10	60	2600	0.17
CS80-599		120	60	740	4		4.0	24,000.0		186	3300	15	30	1500	0.27
CS80-644		25	40	65	4		1.5	6,350.0		19	300	10	100	1300	0.37
645		30	45	165	3		6.0	7,220.0		33	450	20	120	1600	0.23
646		75	50	525	8		3.0	9,100.0		78	1350	10	100	9000	0.38
647		105	45	425	5		2.3	11,500.0		146	1250	15	60	8800	0.26
648		200	200	525	15		3.2	11,200.0		160	880	20	130	17200	0.77
649		80	95	180	10		1.1	11,600.0		71	725	5	150	5400	0.45
650		150	130	735	20		2.0	12,100.0		116	800	10	140	7800	0.64
651		48	80	200	10		3.2	6,470.0		43	600	40	80	16000	0.48
652		75	50	465	24		2.5	6,370.0		33	725	20	60	16000.0	0.52
653		60	50	140	10		4.0	6,670.0		62	660	20	75	32000	0.28
654		55	60	135	8		1.2	6,070.0		48	685	10	90	36000	0.43
655		38	55	305	6		1.2	3,430.0		27	300	10	50	13200.0	0.42
656		85	35	525	5		2.5	14,000.0		167	500	10	100	14800	0.16
657		70	55	480	15		1.5	11,000.0		84	1250	20	90	16800	0.68
658		40	45	220	12		3.5	11,100.0		200	600	60	45	9000	0.19
659		75	100	620	25		7.5	17,500.0		527	875	25	50	13600.0	0.53
660		35	120	360	10		2.2	10,300.0		50	900	15	40	12000	0.29
CS80-661		30	60	130	5		1.1	6,640.0		124	1750	10	60	84000	0.57

COMPANY Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Heavy Mineral

FILE No. 0-616

DATE: Sept. 12 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	H.M. %
CS80-55	35	85	25	500	4		3.3	11800.0		120	1650	15	45	360000	0.20
CS80-55	59	70	50	800	5		3.0	10000.0		59	2100	20	80	560000	0.37
560		60	60	220	6		2.0	6840.0		114	800	15	45	220000	0.58
561		75	140	782	1.2		2.5	19900.0		56	5000	40	200	104000	1.14
562		80	100	540	1.3		2.5	13200.0		85	1620	10	150	360000	0.50
563		100	60	990	1.0		2.5	14900.0		46	1500	10	60	120000	1.16
564		150	90	390	7		2.6	12800.0		62	1275	15	85	480000	0.42
565		160	80	440	8		3.3	13200.0		177	825	200	75	400000	0.54
566		120	55	655	6		6.0	15200.0		323	1200	20	45	nes	0.13
567		90	65	270	8		4.8	15000.0		200	1120	15	30	168000	0.27
568		95	50	475	1.0		2.5	13000.0		30	1375	20	50	360000	0.25
569		150	80	920	1.0		2.0	12900.0		74	1500	15	85	240000	0.32
570		140	90	300	1.2		0.7	10300.0		48	1050	35	40	150000	0.44
571		112	32	220	1.5		1.5	7350.0		44	1650	20	35	200000	0.60
572		25	25	210	1.5		2.5	6130.0		70	850	30	40	320000	0.25
573		65	45	295	1.6		2.8	34500.0		16	380	40	80	128000	0.33
574		58	48	290	1.3		0.8	29800.0		20	230	50	70	400000	3.48
575		55	25	260	1.6		1.5	48800.0		31	225	25	50	380000	0.61
576		40	15	230	1.5		1.0	38700.0		8	165	25	60	400000	0.83
577		38	32	315	1.2		2.0	39100.0		56	500	35	80	640000	0.49
578		100	25	300	1.6		3.3	81500.0		219	1400	40	35	540000	0.21
579		120	20	140	1.1		0.7	84700.0		32	115	25	30	5600	0.85
580		80	80	670	8		2.0	12400.0		62	1625	35	90	680000	0.59
581		75	35	225	1.2		1.3	56600.0		53	705	25	80	200000	0.86
582		85	45	925	8		1.7	12800.0		74	1300	30	110	640000	0.53
583		70	100	1050	1.0		2.8	15400.0		47	2025	30	200	720000	0.53
584		80	95	545	1.2		2.5	12250.0		36	1450	25	180	144000	0.49
585		80	90	495	1.0		2.5	12850.0		48	1750	30	150	66000	0.39
586		220	100	585	9		2.4	17000.0		33	800	80	80	160000	1.21
CS80-57		85	65	960	5.2		3.8	18340.0		76	775	25	120	800000	0.52

CERTIFIED BY

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-616R

DATE: Sept. 1

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm
CS80-558	3	21	10	98	2		0.2	20900		5	430	10	50	1400
559	2	25	15	104	3		0.4	24800		5	800	15	60	1300
560	2	21	12	79	2		0.3	17100		1	460	15	45	2100
561	2	22	15	133	1		0.3	26200		<1	1200	5	45	2200
562	2	24	14	107	1		0.3	24900		5	700	20	55	1400
563	1	18	14	70	2		0.3	19300		<1	355	15	30	1500
564	3	30	16	108	1		0.3	25900		15	500	5	40	1300
565	2	28	14	101	2		0.3	22900		13	390	5	50	1500
566	3	31	15	114	3		0.5	24700		8	465	10	60	1400
567	2	23	16	70	2		0.2	24100		2	1100	5	40	1200
568	2	21	12	87	2		0.4	19900		10	340	15	45	1500
569	2	22	14	88	2		0.4	20900		<1	410	5	45	1500
570	2	28	19	113	3		0.2	23900		7	1350	10	60	1300
571	1	17	12	96	2		0.2	22200		1	500	5	50	2100
572	1	11	13	58	1		0.2	11400		<1	310	10	40	1000
573	2	24	16	128	2		0.4	14200		2	210	25	150	1200
574	3	30	20	129	5		0.3	17200		1	180	15	95	8000
575	1	17	8	69	2		0.4	13800		<1	70	20	35	2000
576	1	15	6	67	1		0.2	13900		<1	65	10	30	2000
577	1	12	9	52	1		0.2	12300		4	90	20	40	1400
578	1	14	10	80	2		0.3	22700		6	550	10	40	1400
579	1	16	6	36	1		0.2	14100		5	80	20	20	950
580	2	21	16	105	1		0.3	22300		5	440	10	50	1500
581	2	25	11	59	2		0.2	12900		1	220	5	30	4500
CS80-582	2	22	17	110	1		0.3	26000		7	395	15	40	1300
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MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-703 Date samples received Aug.22/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 132 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20 mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept.12

Heavy Mineral 1980.

6 Sample. Number 81 86	10 Mn ppm 90	15 Cu ppm 95	20 Pb ppm 100	25 Zn ppm 105	30 Ni ppm Mo 110	35 Co ppm HM% 115	40 Ag ppm 120	45 Fe ppm 125	50 Hg ppb 130	55 As ppm 135	60 Mn ppm 140	65 Au ppb 145	70 V ppm 150	75 Ba ppm 155	80 W ppm 160
CS80-9	95	70	108	330	4	4.32	1.2	132000		79	2200	10	50	12000	7
9	96	30	24	80	3	1.68	0.3	49600		24	650	10	60	13000	13
9	97	50	13	75	3	2.36	0.5	37500		4	420	10	80	150000	11
9	98	28	15	79	4	1.38	0.7	33100		3	500	15	60	70000	20
9	99	36	9	160	3	0.90	0.8	38300		28	800	10	50	108000	4
10	000	120	162	525	5	2.08	1.5	149000		80	3100	10	60	16000	9
10	001	42	38	310	4	2.58	1.0	95800		33	1700	25	45	10000	2
10	002	22	25	300	12	1.76	0.5	31000		21	500	20	70	260000	8
10	003	100	600	1180	4	0.72	1.0	111000		48	1000	15	50	280000	3
CS80-10	004	85	35	275	3	0.76	1.0	84500		112	1150	10	40	60000	3
CS80-10	008	20	10	75	4	1.34	0.5	62400		11	425	15	220	4600	3
10	009	50	27	1050	9	0.52	1.8	114000		91	1050	20	110	60000	3
10	010	60	20	390	10	0.37	9.0	106000		32	1000	15	100	36000	4
10	011	70	14	210	20	0.58	0.8	77000		108	1275	20	200	8000	5
10	012	230	57	990	25	1.09	2.1	235000		25	2670	15	160	3200	16
10	013	75	13	285	12	0.56	0.6	66300		45	675	10	180	11000	18
10	014	20	17	132	7	2.85	0.8	72800		19	920	25	90	4000	7
10	015	150	81	1330	54	1.89	2.7	272000		435	4900	15	230	2200	4
10	016	320	52	1660	22	6.54	3.1	244000		310	470	10	240	900	6
10	017	130	44	1170	38	5.80	1.2	120000		67	790	15	235	320000	5
10	018	70	130	780	75	1.40	2.3	182000		104	1125	10	200	120000	2
10	019	80	50	730	30	4.61	2.1	245000		290	510	10	265	2400	3
10	020	68	33	307	28	4.89	1.0	101000		131	260	25	110	2600	3
CS80-10	021	200	113	2570	86	5.88	2.6	228000		340	560	20	550	24000	2
CS80-9	35	130	130	290	25	0.35	3.0	113000		110	1150	15	55	6000	4
9	36	210	37	510	32	1.95	2.4	99700		138	400	20	180	1800	2
9	37	40	17	130	15	2.33	0.8	55800		31	330	20	140	1200	5.5
9	38	32	38	122	8	1.40	0.8	45500		38	380	15	85	3600	4
9	39	250	59	760	15	0.52	1.2	120000		59	2600	20	90	7600	4
CS80-9	40	24	29	119	3	3.79	0.7	19100		10	170	15	85	1400	180

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Heavy Mineral

FILE No.

DATE: Sept. 1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	HM%	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-941	3	2	5	54	6	5.81	07	21100		20	220	5	75	1400	2
942	170	260	1360	120	3.02		42	108000		122	360	5	300	1400	2
943	3	3	85	4	1.25		05	17000		10	120	10	45	1200	4
944	2	5	170	4	0.64		08	89500		64	900	10	90	2000	2
945	42	2	150	3	0.51		05	81700		73	850	20	80	800	20
846	4	5	220	3	0.77		08	83400		20	550	20	45	2000	2
947	6	3	175	10	0.49		10	53800		390	500	10	75	1000	5
948	3	3	325	12	0.21		25	88100		267	1000	25	95	2800	3
CS80-949	140	250	660	10	1.47		24	124000		3	1450	15	180	900	40
CS80-890	65	25	130	9	0.19		33	48400		346	1300	10	150	20000	5
891	100	100	2100	19	3.02		20	104000		33	820	10	200	3200	15
892	44	55	510	24	1.05		18	64100		9	2400	10	150	2800	11
893	45	25	710	20	0.78		15	70000		80	900	15	200	15000	3
894	35	20	290	7	2.21		08	37300		17	875	20	85	3400	2
895	3	25	145	5	1.95		05	48200		19	540	15	65	1100	3
896	50	25	185	8	0.78		08	73000		44	750	15	120	2000	3
897	45	15	90	5	0.58		06	28400		53	400	10	100	1700	5
898	75	25	250	25	0.92		09	35200		71	260	10	55	5200	45
899	35	40	255	5	1.68		10	38800		10	235	35	75	1400	5
900	3	18	85	4	1.08		08	27600		22	180	15	100	14800	2
901	12	10	61	2	2.73		05	20100		77	600	35	55	2800	5
902	10	8	61	2	3.88		03	25100		10	810	50	50	1400	9
903	80	30	398	9	4.08		11	44400		108	1700	10	75	24000	4
904	48	20	675	15	1.18		08	31600		46	1675	20	200	24000	5
905	36	15	510	16	3.28		08	21300		16	980	25	195	8400	3
906	60	25	550	18	1.71		13	56300		10	1050	15	130	54000	2
907	90	10	160	9	0.76		10	51800		46	650	15	150	8800	2
908	55	25	250	7	1.74		13	47700		29	750	15	120	15000	2
908	40	15	235	5	1.39		08	59000		26	500	10	220	1800	8
CS80-910	75	20	510	10	1.12		13	63700		47	800	20	135	12000	15

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept. 1[illegible] 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Mo ppm	HM%	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-911	3	18	135	8	1.05	06	21900		14	180	10	80	3500	2
912	5	16	370	9	1.28	07	43800		19	360	15	150	5200	2
913	4	25	105	6	1.82	06	41900		13	400	25	110	6300	2
914	2	22	85	4	2.01	05	39300		13	380	20	65	3300	2
915	100	20	520	5	0.28	01	13200		77	300	20	120	4900	9
916	1	18	70	8	0.95	03	28600		10	190	15	90	1700	6
917	3	26	275	17	3.87	06	43000		23	200	10	80	7300	6
918	3	27	135	14	1.07	12	38000		50	250	10	110	2900	2
919	7	22	65	6	1.53	07	43800		35	800	15	120	1900	16
920	7	30	70	9	1.65	06	50700		55	800	15	100	1500	2
921	1	17	85	5	1.70	06	45000		32	180	15	105	1850	2
922	2	22	145	3	2.68	05	32400		30	300	15	75	2000	45
923	2	36	570	4	1.52	05	58600		13	500	30	85	2800	8
924	168	145	880	8	3.09	17	18400		123	2400	10	75	1200	2
925	5	42	315	9	1.01	09	10400		33	900	15	120	1700	2
926	4	42	60	3	7.53	09	30800		20	380	15	60	1200	2
927	3	22	110	4	1.21	05	33300		23	220	10	60	3000	2
928	2	14	37	4	0.54	12	87700		93	450	10	100	1850	13
929	4	48	895	10	0.98	12	66100		48	700	15	80	37500	8
930	4	88	268	12	6.93	10	27900		31	180	10	90	1600	9
931	7	60	250	10	1.68	13	81800		61	1200	10	80	2100	16
932	1	15	80	4	1.61	03	25300		10	240	10	60	3900	18
933	1	21	95	5	0.96	03	36000		7	300	15	35	9800	8
CS80-934	4	40	315	6	1.68	05	46400		6	350	20	40	4900	2
CS80-950	140	140	410	8	2.27	19	13900		119	2700	20	60	1600	2
951	152	155	400	9	2.43	18	17400		279	2800	10	75	1200	2
952	245	405	730	12	3.02	33	24300		478	3700	20	125	4700	2
953	137	257	547	6	1.98	21	15400		300	2600	45	65	1250	3
954	172	201	480	4	2.85	15	19400		94	2700	40	75	1200	9
CS80-955	86	145	405	24	1.27	15	25800		154	4000	40	90	1300	30

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept.12 1980.

Heavy Mineral

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	HM%	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-95	6	57	125	670	5	0.92	12	970000		31	1200	25	95	1600	2
95	7	49	60	612	4	1.05	15	1100000		13	1600	20	90	1400	2
95	8	33	35	215	4	1.22	09	673000		18	450	25	75	2000	2
95	9	31	36	585	5	1.64	06	733000		20	1400	25	45	6600	2
96	0	71	75	590	8	1.29	10	1670000		30	2300	20	50	3200	8
96	1	48	50	710	9	1.12	13	1220000		29	1100	15	55	3200	2
96	2	53	300	525	15	0.66	26	1620000		189	2100	20	80	1600	8
96	3	144	1470	1480	85	1.43	34	1800000		98	2200	20	150	8000	13
96	4	66	75	660	32	1.97	12	614000		23	950	35	145	2200	9
96	5	53	90	550	20	1.52	10	622000		35	1100	25	140	1400	23
96	6	208	95	830	30	1.26	22	1200000		77	1400	40	110	4200	18
97	0	60	66	455	6	1.42	13	1130000		121	3500	35	100	800	13
97	1	116	220	700	14	1.49	30	1220000		163	180	30	90	62000	325
97	2	10	20	135	4	1.54	05	333000		2	240	20	60	4800	13
97	3	68	85	750	15	1.33	14	1150000		46	1400	25	80	4000	13
97	4	76	150	760	16	2.01	15	1150000		33	1900	15	120	116000	8
97	5	143	80	815	10	1.23	14	1620000		65	1600	25	100	36000	8
97	6	46	79	440	12	2.72	11	690000		43	1000	30	70	4400	9
97	7	58	63	410	8	2.63	14	1310000		53	2300	25	60	60000	2
97	8	39	68	405	4	3.26	12	1030000		46	2600	10	55	1400	2
97	9	158	180	930	22	1.97	21	1430000		58	2200	25	90	16000	17
98	0	112	235	3600	20	0.30	35	1820000		80	4000	15	55	3200	45
CS80-98	1	105	360	2700	12	0.32	35	2160000		100	2900	20	40	4000	13

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept.11 1980.

Heavy Mineral

Sample Number	Mn ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	HM %	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-982		156	103	770	15	1.08	2.6	165000		109	1650	30	100	64000	4
983		132	280	2000	51	0.96	4.6	205000		160	2900	50	240	300000	7
984		74	80	280	8	0.79	2.0	109000		68	1400	20	88	76000	8
985		42	225	320	16	0.73	1.2	86500		155	950	10	45	39000	13
986		18	90	160	4	0.75	1.0	74800		55	1450	15	35	34000	3
987		19	66	130	5	1.01	0.8	58400		65	950	10	55	36000	2
988		23	79	136	6	0.84	1.1	54500		31	1300	10	40	32000	2
989		42	44	186	8	1.37	1.0	59500		89	700	15	45	64000	2
990		52	56	220	3	0.76	1.6	100000		26	1050	15	60	146000	2
991		21	19	120	2	0.75	0.9	54300		18	300	10	40	40000	2
992		22	30	128	5	0.74	1.2	60000		35	3800	10	70	74000	13
993		45	97	275	20	1.21	0.5	145000		84	1050	15	80	134000	8
CS80-994		56	69	285	8	1.29	1.9	114000		84	1000	10	150	210000	4
CS80-967		216	98	1120	20	1.47	2.4	151000		143	1500	45	100	192000	6
968		269	80	1420	26	1.71	2.9	168000		162	1700	40	130	840000	12
CS80-969		60	306	330	9	1.22	1.4	100000		90	1350	5	65	96000	14
CS80-1005		252	57	540	18	0.50	2.1	154000		110	3250	10	50	200000	7
006		46	66	246	9	1.50	2.0	140000		81	1100	5	90	164000	2
CS80-1007		31	61	217	10	1.84	1.8	129000		61	410	5	70	135000	2

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
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ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.12/80.

File No. 0-673 Date samples received Aug.11/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 50 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks: More samples to follow.

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept.12

Heavy Mineral 1980.

6 Sample. Number 81 86	10 Mo ppm 90	15 Cu ppm 95	20 Pb ppm 100	25 Zn ppm 105	30 Mo ppm 110	35 HM% 115	40 Ag ppm 120	45 Fe ppm 125	50 Hg ppb 130	55 As ppm 135	60 Mn ppm 140	65 Au ppb 145	70 V ppm 150	75 Ba ppm 155	80 W ppm 160
CS80-870	3.0	2.5	54.0	1.0	0.53	1.6	94200		41	1550	1.5	95	25000	< 2
871	4.5	4.0	205	6	0.73	2.8	60400		12	1450	2.5	130	54000	< 2
872	9.5	3.2	54.5	7	0.41	1.5	133000		7	1800	1.5	120	44000	2
873	7.5	3.0	49.0	9	0.68	2.3	114000		4	2200	2.0	55	14000	2
874	7.2	2.5	25.0	9	0.90	1.0	59400		1.7	750	1.5	160	7400	< 2
875	6.5	3.0	42.5	8	0.48	1.6	120000		6	1600	2.0	100	10400	< 2
876	7.2	4.0	175	5	0.90	1.3	82400		4	900	3.0	100	3400	2
877	5.0	1.5	110	6	1.71	1.0	52200		135	675	3.0	110	20000	2
878	2.6	1.5	105	4	0.81	0.7	34000		4	630	5.0	125	4000	< 2
879	2.5	1.6	9.0	6	1.49	0.5	36300		3	360	4.5	55	2800	< 2
880	3.0	2.4	145	7	0.53	0.6	147000		29	725	2.5	125	2400	< 2
881	3.8	2.5	125	8	0.93	1.0	73400		80	1620	4.5	130	2000	2
882	2.5	2.5	115	4	1.34	1.0	53000		51	1340	1.5	55	2100	2
883	13.0	5.0	395	6	2.37	0.9	126000		34	1150	3.0	50	10400	3
884	10.0	3.0	81.5	8	0.60	1.5	36900		202	900	2.0	130	16000	< 2
885	3.6	3.6	525	9	1.02	0.9	37200		5.7	660	1.0	200	28000	< 2
886	3.5	2.5	305	5	1.20	1.5	81000		70	900	1.5	165	24000	< 2
887	5.0	2.5	415	4	1.10	1.3	95500		70	850	1.0	130	4600	2
888	2.0	2.4	8.5	5	1.20	1.3	54500		35	450	2.0	230	6200	2
CS80-889	3.5	3.5	100	4	0.83	1.2	32000		116	480	1.0	95	4800	< 2

COMPANY: Gulf Minerals

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept.12

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	V ppm	Ba ppm	W ppm
CS80-780	1.8	130	30	925	0.69	2.5	19600		3.6	1650	25	50	36000	2
781	2.0	78	17	1050	0.89	2.0	42700		5.1	1540	15	240	240000	2
782	1.2	75	10	315	0.22	3.0	97000		164	800	20	80	40000	<2
783	1.4	35	15	105	0.40	1.5	37000		46	450	15	120	13200	<2
784	1.6	85	50	915	0.47	2.5	17700		96	2150	15	170	34000	<2
785	2.5	100	30	525	0.38	3.2	101000		184	1850	20	180	56000	2
786	1.6	50	15	900	1.10	1.5	35500		32	920	25	270	36000	2
787	1.5	80	50	575	0.16	5.0	11800		200	2500	10	100	20000	<2
788	6	75	30	270	0.24	3.0	80000		76	1050	10	130	15600	2
789	8	60	15	125	0.39	2.3	53000		23	550	15	150	3000	<2
790	7	50	22	125	0.39	3.0	53000		107	2100	10	145	7500	<2
791	6	60	30	110	0.26	3.2	58500		117	625	5	100	13600	9
792	9	100	30	330	0.48	3.0	92000		112	2000	15	130	12000	3
793	1.5	90	70	520	0.23	4.0	13200		352	2650	15	120	26000	<2
794	2.5	80	44	800	0.95	1.6	11200		64	2880	25	150	17400	2
795	2.0	75	35	1505	0.77	2.5	50000		92	2350	20	230	12800	<2
796	1.2	45	38	635	0.37	5.0	85000		50	1550	10	180	72000	<2
797	1.0	120	80	1100	0.25	6.0	11800		352	3000	15	130	22000	<2
798	2.0	140	70	680	0.50	7.0	14300		72	2400	80	150	10400	<2
799	5	75	130	460	0.07	9.0	14800		400	3100	15	120	nes	nes
800	6	85	115	115	0.14	6.0	18300		1	750	15	140	nes	nes
801	8	85	38	285	0.31	3.2	12400		120	1625	20	130	8000	8
802	6	190	40	330	0.45	3.0	15800		72	1800	10	130	6800	2
803	8	100	16	230	0.29	5.0	85000		213	825	10	150	50000	2
804	3.5	390	830	1980	1.96	27.0	17400		100	3600	20	230	22000	<2
805	1.5	350	65	1525	0.61	3.0	24000		176	3300	15	150	70000	<2
806	1.2	180	80	510	0.42	2.0	17800		120	2000	20	130	20000	2
807	1.8	270	27	775	2.37	1.2	98000		58	2100	10	90	43000	<2
808	1.2	180	40	750	0.45	2.5	16200		88	2200	10	80	60000	<2
CS80-809	2.0	200	45	130	0.61	5.0	15500		128	1850	15	800	10000	2

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-703 Date samples received

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -80

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: routine geochem analysis.

Remarks:

DEPARTMENT

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-703 Date samples received

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -80

Prepared samples stored ☒ discarded ☐

rejects stored ☒ discarded ☐

Methods of analysis: routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-703

DATE: Sept. 25

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-941	27	39	169	8			0.6	23000		19	210	<5	2800	70	<2
942	40	61	416	24			0.9	25000		19	210	5	5300	150	3
943	6	27	100	4			0.3	22000		12	110	<5	7600	65	2
944	10	12	62	2			0.1	23000		6	240	10	1750	15	<2
945	7	9	57	2			0.2	20000		11	190	<5	1950	20	<2
946	11	21	92	3			0.2	29000		15	360	<5	1650	25	<2
947	7	12	69	3			0.1	18500		8	110	5	27000	10	<2
948	8	13	80	2			0.2	20000		12	180	5	2450	20	<2
CS80-949	23	32	112	3			0.4	34000		23	500	5	2150	20	3
CS80-890	12	7	64	2			0.2	12500		4	200	10	7600	20	<2
891	40	24	1080	6			0.4	30000		23	460	5	4900	65	2
892	27	17	272	5			0.3	30000		17	5100	<5	4700	45	3
893	29	15	316	4			0.3	26000		16	780	5	4400	65	<2
894	25	14	212	3			0.1	28000		6	1000	5	4750	50	2
895	18	18	90	2			0.4	30000		9	360	5	1850	20	<2
896	21	19	101	2			0.3	29500		9	530	5	1900	25	<2
897	8	16	104	2			0.3	22000		10	520	<5	3000	25	<2
898	12	17	144	7			0.5	21000		17	180	5	2900	35	3
899	29	31	182	3			0.7	23000		22	175	10	2350	25	<2
900	24	12	85	3			0.4	25000		8	180	5	4750	30	2
901	8	7	59	2			0.4	17700		4	780	5	3150	20	<2
902	9	11	71	2			0.3	26000		12	2000	5	2550	15	2
903	106	20	408	8			1.0	46500		33	1900	10	22000	65	<2
904	33	12	830	18			0.6	27000		26	1800	10	10000	110	3
CS80-905	42	20	660	16			0.6	27000		25	1800	15	5600	125	2

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MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-643 Date samples received Aug.13/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 80 Non mag 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh H.M. -20mesh
geochem-80 mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-643 Date samples received Aug.13/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 80 Non mag 25 straight geochem Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh H.M. -20mesh
geochem-80 mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

SPECIALISTS IN MINERAL ENVIRONMENTS

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

No. 0-643

DATE: Sept. 25
1980.

Sample. Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-730	5.0	60	235	80	13	75000		64	1050	15	24000	80	0.79		
731	5.9	70	253	10	14	62200		34	960	20	21000	70	1.53		
732	10.0	220	300	25	130	100000		21	500	25	25000	60	0.56		
733	6.5	125	330	20	13	88200		61	1250	15	17000	75	0.62		
734	5.0	7.5	205	15	19	72800		40	900	20	16000	80	0.50		
735	11.0	500	575	10	19	81200		95	1260	15	15000	75	0.50		
736	12.5	250	390	16	21	103000		235	1480	25	18000	75	0.65		
737	12.5	80	225	18	06	90200		85	1200	20	14000	65	0.41		
738	8.0	100	221	10	10	70000		53	900	35	12000	60	1.01		
739	18.0	145	650	15	21	123000		298	900	30	73000	90	1.02		
740	9.0	110	376	25	16	117000		59	1430	35	22000	100	0.95		
741	3.0	5.0	105	15	04	55600		39	780	25	6000	40	0.51		
742	6.2	5.0	186	5	05	53000		64	620	35	44000	50	1.76		
743	3.5	4.5	125	6	02	48300		29	565	25	20000	45	1.06		
744	2.5	3.0	87	5	04	40000		8	525	15	6000	40	1.31		
745	3.5	23	86	5	07	38000		39	720	10	1500	35	3.03		
746	5.0	6.0	175	10	13	55600		44	800	15	17000	40	0.42		
747	7.0	7.5	217	8	28	51900		52	560	20	48000	65	0.49		
748	6.5	6.5	324	5	22	120000		58	1260	10	36000	70	0.38		
749	10.5	8.0	275	10	07	87300		25	1280	10	30000	60	0.42		
750	4.5	5.5	170	6	24	65000		40	650	15	12000	80	0.69		
751	6.5	8.5	198	8	16	61100		18	660	10	34000	45	0.33		
752	17.5	9.0	260	8	07	100000	1752	104	1110	35	13000	85	0.77		
753	7.2	10.0	364	4	16	104000	753	83	1200	60	12000	95	0.84		
754	5.5	13.5	264	3	22	96500		49	1040	25	50000	85	0.39		
755	21.6	17.5	297	4	04	143000		143	1200	40	12000	70	0.17		
756	36.5	10.0	310	6	04	105000		76	1750	35	20000	60	0.29		
757	27.5	12.5	635	8	04	155000		86	2500	25	22000	80	0.31		
758	11.0	7.5	400	6	16	89700		21	1800	35	12000	120	0.49		
CS80-759	7.7	6.5	245	5	09	60800		54	1540	20	7000	70	0.55		

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COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

No. 0-643

DATE: Sept. 25 1980.

Sample Number	Mn %	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-700	80	25	520	4		0.2	21,200		157	1200	15	60000	75	0.23
701	145	75	450	4		0.2	12,500		171	1200	10	70000	60	0.24
702	125	180	485	9		1.0	12,400		58	1350	15	185000	85	0.64
703	160	60	340	8		2.0	10,000		50	800	20	66000	75	0.27
704	75	40	385	8		0.5	11,800		10	875	10	52000	55	0.34
705	85	160	1350	48		2.2	16,700		64	1840	10	20000	140	1.05
706	100	120	825	20		1.7	85,500		28	900	30	140000	120	0.93
707	50	50	275	25		1.5	83,300		2	750	10	60000	95	0.45
708	50	60	900	10		1.0	95,500		109	1000	10	28000	75	0.21
709	65	70	755	15		1.1	66,500		64	710	25	160000	95	0.49
710	12	90	1100	7		0.7	43,300		19	2090	10	200000	50	1.28
711	65	30	255	5		0.5	10,500		103	650	15	44000	85	0.31
712	27	40	300	15		3.0	91,500		68	1020	25	18000	90	0.56
713	10	30	175	25		2.5	61,700		34	840	10	24000	85	0.56
714	60	45	400	10		0.5	78,700		47	1200	20	10000	60	0.79
715	10	70	210	12		1.4	97,200		11	1260	15	2000	85	0.51
716	200	80	490	8		5.6	10,700		88	2480	15	15000	90	0.54
717	75	40	130	6		0.5	48,500		27	840	10	12000	60	0.82
718	40	35	520	10		1.0	12,200		153	700	10	13000	80	0.39
719	120	135	660	12		2.3	15,200		143	1120	25	26000	90	0.92
720	20	30	165	10		1.5	56,500		52	825	20	10000	55	0.31
721	50	40	800	10		0.5	150,000		120	1500	15	48000	90	0.20
722	420	170	1630	25		8.0	38,800		179	4600	20	12000	130	0.40
723	5	10	55	7		0.5	15,000		9	150	25	80000	60	1.24
724	45	20	400	6		1.5	70,300		32	500	20	22000	85	0.34
725	45	25	110	5		1.0	60,100		1	1380	20	12000	70	0.94
726	100	60	270	5		1.0	10,000		176	800	20	30000	45	0.40
727	380	45	1000	10		2.5	19,600		300	800	15	82000	40	0.27
728	15	10	165	5		1.5	45,500		73	300	20	10000	50	0.32
CS80-729	40	15	275	22		0.2	92,100		273	1250	15	13000	45	0.32

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

No. 0-643

DATE: Sept. 25 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS80-700							•						<2
701							•						<2
702							•						nes
703							•						nes
704							•						nes
705							•						nes
706							•						nes
707							•						nes
708							•						nes
709							•						nes
710							•						nes
711							•						nes
712							•						nes
713							•						nes
714							•						nes
715							•						nes
716							•						nes
717							•						nes
718							•						nes
719							•						nes
720							•						nes
721							•						nes
722							•						nes
723							•						nes
724							•						nes
725							•						<2
726							•						2
727							•						2
728							•						<2
CS80-729							•						<2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag

Heavy Mineral

No. 0-643

DATE: Sept. 25 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-760	100	30	1200	9			1.2	50000		15	1150	5	240000	90	1.94
761	63	30	630	20			2.1	28600		23	420	10	280000	140	1.14
762	66	90	495	10			0.2	10300		43	860	10	16500	150	1.06
763	340	100	240	8			0.7	15300		261	1300	10	2200	50	1.01
764	42	60	256	20			0.7	68200		18	700	10	22000	70	0.43
765	25	25	82	5			0.5	40000		14	400	5	11500	75	1.34
766	25	30	107	6			0.7	47500		26	725	10	6600	60	1.30
767	20	15	57	6			0.5	22800		18	350	15	7100	70	0.66
768	12	15	65	8			0.3	23300		11	380	10	4650	50	1.76
769	42	25	113	6			0.5	80000		10	1930	10	24000	110	0.56
770	75	40	300	8			0.2	10000		40	500	10	mes	60	0.10
771	125	25	325	6			0.2	14800		40	2500	15	8800	55	0.16
772	130	50	820	12			1.0	13000		52	1050	10	12500	100	0.76
773	176	35	1430	10			1.0	20500		82	1500	10	14000	95	0.32
774	350	125	455	8			7.5	19700		110	8000	20	13000	100	0.48
775	87	80	2100	16			2.4	16000		50	630	20	18000	80	1.15
776	225	75	1850	18			2.5	18500		68	1550	25	13500	170	0.71
777	64	15	336	12			1.8	87700		14	850	20	33000	95	0.39
778	88	40	300	10			2.0	10200		36	750	20	75000	50	0.21
CS80-779	75	70	392	8			0.7	12500		72	1120	15	10800	75	0.46

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral

No. 0-643

DATE: Sept. 25 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm		
CS80-760							•						<2		
761							•						<2		
762							•						2		
763							•						<2		
764							•						2		
765							•						<2		
766							•						<2		
767							•						<2		
768							•						2		
769							•						3		
770							•						nes		
771							•						nes		
772							•						48		
773							•						<2		
774							•						2		
775							•						2		
776							•						<2		
777							•						<2		
778							•						<2		
CS80-779							•						2		
							•								
							•								
							•								
							•								
							•								
							•								
							•								
							•								
							•								
							•								

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 0-643

DATE: Sept. 21, 1980.

Straight Geochem

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-700	18	10	103	4			0.2	19000		12	325	5	2000	40	<2
701	24	12	118	7			0.2	21000		5	310	<5	4000	45	<2
702	19	12	116	5			0.3	2000		13	380	<5	2050	35	5
703	15	9	84	4			0.1	18500		12	240	<5	2100	35	2
704	22	12	145	6			0.2	23500		11	360	<5	2050	45	60
705	12	9	112	4			0.2	17000		11	170	5	4300	25	<2
706	17	16	177	5			0.3	23000		10	1270	<5	4150	35	2
707	17	11	143	6			0.2	16000		4	420	5	2950	40	3
708	9	11	90	3			0.4	20000		9	310	<5	1700	25	<2
709	14	22	164	5			0.3	18500		11	420	<5	2000	22	2
710	9	14	107	4			0.3	20000		17	1750	<5	3650	20	<2
711	8	17	89	4			0.5	16000		14	360	<5	1050	18	2
712	14	12	96	4			0.2	17500		12	280	<5	1750	26	<2
713	10	11	69	3			0.2	16500		17	420	5	2050	29	5
714	19	16	91	4			0.2	20000		11	410	5	4300	20	<2
715	10	17	72	4			0.2	23000		2	210	<5	1650	29	22
716	16	22	129	3			0.4	19000		5	720	5	1650	23	<2
717	9	12	67	2			0.7	15000		10	400	5	1650	20	3
718	18	19	135	6			0.4	22000		8	180	5	2400	30	75
719	18	18	119	3			0.3	21000		9	310	5	1050	21	<2
720	8	8	53	2			0.2	11000		4	170	5	1750	14	<2
721	13	11	98	4			0.4	16000		10	180	10	2300	26	2
722	8	8	70	4			0.4	14000		13	240	<5	1450	30	<2
723	18	13	117	4			0.6	20000		6	310	5	7900	51	<2
CS80-724	8	10	78	3			0.3	19000		6	220	<5	2800	39	2

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report Sept.25/80.

File No. 0-805 Date samples received Sept.5/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals

Report on: 28 Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -80

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: routine geochem analysis.

Remarks:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report Sept.25/80.

File No. 0-805 Date samples received Sept.5/80.

Samples submitted by: E.P. Dillon

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Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 0-805

DATE: Sept. 25, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Sb ppm	Au ppb	Ba ppm	V ppm
CS80-1035	16	26	42			09						900	25	
36	16	30	50			07						2400	18	
37	15	30	40			07						1000	18	
38	17	25	45			06						600	22	
39	16	22	42			04						700	15	
40	13	16	38			03						800	15	
41	17	24	47			06						2000	25	
42	11	21	38			07						800	15	
43	14	20	38			04						700	25	
44	15	14	46			06						700	23	
45	14	25	44			06						1100	14	
46	31	27	58			06						700	12	
47	17	28	38			11			(40mesh)			800	23	
48	18	28	40			10			(40mesh)			1000	12	
49	17	28	43			08			(40mesh)			900	13	
CS80-1050	16	25	53			04						550	17	
CS80-1093	17	23	44			04						600	15	
94	17	23	42			03						550	25	
95	18	23	50			04						600	17	
96	13	26	53			06						750	20	
97	19	21	42			06						600	22	
98	14	20	58			03						500	20	
99	13	19	51			05						750	22	
CS80-1100	16	20	51			05						600	25	
01	14	17	49			05						700	16	
04	10	14	291			04			(40mesh)			700	18	
05	29	22	1320			06						2000	75	
CS80-1106	25	30	409			03						2100	25	
						•								
						•								

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-673 Date samples received Aug.11/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 60 HM 25 straight Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh -20 mesh HM
-80 geochem

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report Sept.25/80.

File No. 0-673 Date samples received Aug.11/80.

Samples submitted by: E.P. Dillon

Company: Gulf Minerals Canada

Report on: 60 HM 25 straight Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2.
3.

Samples: Sieved to mesh Ground to mesh — -20 mesh HM
-80 geochem

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Heavy Mineral

No. 0-673

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe %	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-840	1	50	100	710	10		1	18.70	0	125	2370	15	9600	75	0.88
841	1	80	90	350	8		1	11.50	0	72	1100	20	8000	60	0.38
842	1	80	120	525	10		2	14.10	0	100	1800	25	6600	55	0.26
843	2	50	10	610	25		2	16.20	0	88	3200	30	13000	90	0.70
844	2	00	85	440	20		1	14.40	0	93	2160	25	16000	80	0.85
845	1	40	85	1050	20		2	21.30	0	122	3600	20	6100	95	0.56
846	1	80	70	570	30		1	15.00	0	72	2000	15	15000	80	0.39
847	1	70	45	490	15		1	9.29	0	34	980	10	35000	100	0.45
848	1	85	50	470	10		1	9.44	0	80	1225	20	4300	85	0.64
849	1	20	35	800	8		1	9.80	0	31	2720	15	23000	100	0.51
850	1	20	50	910	12		1	11.20	0	53	1760	15	19000	90	0.52
851	1	50	25	2025	8		2	11.90	0	38	1575	20	14500	95	0.31
852	1	30	20	1100	20		0	10.50	0	93	1800	15	9400	80	0.25
853	1	40	25	1100	15		0	11.40	0	145	2200	15	9400	95	0.21
854	2	20	50	2400	8		1	17.60	0	270	2550	20	14000	75	0.27
855	2	00	50	1600	30		2	13.20	0	94	3000	15	13500	120	0.29
856	1	50	75	420	20		2	12.10	0	68	1470	15	9600	150	0.50
857	1	00	75	500	15		0	14.30	0	133	2200	20	5000	100	0.31
858	1	40	40	200	6		0	6.67	0	27	1400	10	4400	80	0.96
859		50	35	175	5		0	7.20	0	3	1840	10	2200	65	0.84
860		75	45	275	4		1	6.56	0	16	1580	15	66000	95	1.41
861	2	00	50	250	10		0	9.86	7	0	83	1600	15	36000	90	1.08
862		95	55	620	12		2	18.90	0	85	3360	10	29000	80	0.41
863	1	00	80	500	8		3	13.10	0	98	3300	15	65000	85	0.52
864		90	80	700	6		1	11.50	0	92	2560	10	59000	90	0.43
865		85	45	1320	6		1	22.30	0	21	9300	20	84000	180	1.08
866	1	25	75	625	5		2	14.00	0	68	2250	35	6800	150	0.31
867	1	50	70	270	8		2	13.60	0	181	500	15	nes	85	0.11
868		80	70	450	6		4	15.90	0	127	2080	20	28000	95	0.16
CS80-869		90	70	340	5		3	13.90	0	200	4400	10	12000	85	0.16

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-673

DATE: Sept. 25

Heavy Mineral

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS 80-840							•						< 2
841							•						< 2
842							•						< 2
843							•						< 2
844							•						2
845							•						< 2
846							•						< 2
847							•						< 2
848							•						< 2
849							•						< 2
850							•						2
851							•						2
852							•						2
853							•						< 2
854							•						< 2
855							•						< 2
856							•						< 2
857							•						< 2
858							•						2
859							•						< 2
860							•						3
861							•						< 2
862							•						< 2
863							•						< 2
864							•						2
865							•						< 2
866							•						< 2
867							•						nes
868							•						< 2
CS 80-869							•						2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-673

DATE: Sept. 25

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-810	160	170	460	18		20	10500		56	500	45	9000	95	0.43
811	45	35	202	8		10	60000		32	1200	80	14000	75	0.93
812	85	90	415	10		15	97500		62	1900	60	22000	70	1.24
813	190	60	2400	26		15	25400		70	3200	50	9000	150	1.57
814	55	40	330	6		10	65800		38	650	40	17000	110	1.11
815	85	65	560	10		06	94400		18	1100	35	24000	100	0.62
816	50	50	315	8		08	91700		37	1500	40	10000	130	0.83
817	95	75	800	18		20	17300		80	650	20	70000	90	0.52
818	100	100	410	15		02	16000		40	900	25	13000	70	0.38
819	60	150	420	10		02	17500		240	1000	35	8800	85	0.38
820	55	75	415	9		05	93300		91	1100	35	10000	95	0.48
821	75	50	530	8		10	90000		160	1100	40	10000	85	0.39
822	120	70	490	9		02	13600		108	1300	20	22000	95	0.47
823	95	50	280	10		20	71000		204	1500	25	10000	135	0.62
824	60	25	210	6		10	38200		52	700	30	11000	90	0.54
825	35	25	200	5		10	63300		43	600	35	16800	100	0.49
826	45	30	230	7		08	47800		10	600	50	8000	85	0.68
827	135	200	730	12		24	15700		67	2200	25	16400	90	1.22
828	85	80	680	10		12	13600		115	900	45	12000	70	0.78
829	60	55	250	8		05	81800		55	550	35	7400	50	0.69
830	85	35	310	10		12	52900		35	1200	25	5600	60	0.96
831	135	155	520	20		30	11100		275	1300	25	5200	70	0.34
832	48	65	260	12		30	81200		70	1100	35	8200	80	0.52
833	65	70	380	18		20	75000		83	6200	40	9000	85	0.90
834	40	60	190	12		10	60000		72	900	10	13000	90	0.39
835	50	60	300	14		10	40000		104	500	20	10800	85	0.35
836	65	50	310	9		08	80000		86	1000	20	4000	130	0.78
837	55	40	330	6		03	80000		56	800	20	5200	120	0.88
838	250	130	970	15		15	22000		116	1300	45	64000	135	0.64
CS80-839	175	105	1050	12		15	17000		80	1000	40	56000	140	0.61

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

No. 0-673

DATE: Sept. 2

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS80-810													<2
811													2
812													2
813													5
814													8
815													<2
816													<2
817													2
818													<2
819													2
820													2
821													2
822													<2
823													3
824													<2
825													2
826													2
827													<2
828													<2
829													2
830													<2
831													<2
832													<2
833													2
834													3
835													2
836													11
837													2
838													2
CS80-839													2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

No. 0-673

DATE: Sept.25

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-780	26	13	142	5		02	35000			24	1400	10	2650	95	<2
781	57	12	542	18		10	19500			24	1350	25	12500	250	<2
782	66	11	590	17		14	20000			22	1300	15	5950	200	2
783	37	13	320	5		08	27500			12	6500	20	2600	75	<2
784	10	5	69	2		02	17000			15	280	10	2450	30	<2
785	10	6	61	4		03	12000			7	260	15	2500	45	2
786	12	7	103	3		04	21000			15	400	10	2800	25	<2
787	10	6	56	3		03	13000			5	220	15	2650	35	2
788	30	13	130	6		02	26500			14	700	25	2900	40	<2
789	19	11	107	3		02	24000			9	570	10	2150	25	2
790	6	7	65	4		01	20000			13	3100	25	2550	25	<2
791	9	6	58	2		01	10000			10	430	15	2850	45	<2
792	15	7	120	5		03	16000			10	740	15	4700	40	<2
793	26	10	130	6		04	21000			14	980	15	2900	60	<2
794	33	11	188	8		05	24500			16	840	10	10500	80	<2
795	47	10	532	18		11	22000			14	1950	10	6450	100	2
796	33	11	468	10		05	26000			14	4800	20	3800	65	<2
797	55	11	244	10		07	24000			11	1300	10	2250	35	<2
798	64	14	206	6		08	30000			12	1700	25	5900	23	2
799	15	8	84	4		02	17000			6	860	10	3350	20	<2
800	28	10	143	5		03	16000			7	1020	35	1550	23	2
801	12	9	55	4		02	17000			12	380	15	2100	15	<2
802	17	17	78	3		02	29000			15	900	10	1450	24	2
803	16	11	93	2		02	18500			9	290	15	3000	30	<2
CS80-804	76	41	1160	6		13	35000			25	1370	10	6000	50	3

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-703

DATE: Sept. 2

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-941	2.7	3.9	169	8		0.6	23000		19	210	<5	2800	70	<2
942	4.0	6.1	416	24		0.9	25000		19	210	5	5300	150	3
943	.6	2.7	100	4		0.3	22000		12	110	<5	7600	65	2
944	1.0	1.2	6.2	2		0.1	23000		6	240	10	1750	15	<2
945	.7	.9	5.7	2		0.2	20000		11	190	<5	1950	20	<2
946	1.1	2.1	9.2	3		0.2	29000		15	360	<5	1650	25	<2
947	.7	1.2	6.9	3		0.1	18500		8	110	5	27000	10	<2
948	.8	1.3	8.0	2		0.2	20000		12	180	5	2450	20	<2
CS80-949	2.3	3.2	112	3		0.4	34000		23	500	5	2150	20	3
CS80-890	1.2	.7	6.4	2		0.2	12500		4	200	10	7600	20	<2
891	4.0	2.4	1080	.6		0.4	30000		23	460	5	4900	65	2
892	2.7	1.7	272	5		0.3	30000		17	5100	<5	4700	45	3
893	2.9	1.5	316	4		0.3	26000		16	780	5	4400	65	<2
894	2.5	1.4	212	3		0.1	28000		6	1000	5	4750	50	2
895	1.8	1.8	9.0	2		0.4	30000		9	360	5	1850	20	<2
896	2.1	1.9	101	2		0.3	29500		9	530	5	1900	25	<2
897	.8	1.6	104	2		0.3	22000		10	520	<5	3000	25	<2
898	1.2	1.7	144	7		0.5	21000		17	180	5	2900	35	3
899	2.9	3.1	182	3		0.7	23000		22	175	10	2350	25	<2
900	2.4	1.2	8.5	3		0.4	25000		8	180	5	4750	30	2
901	.8	.7	5.9	2		0.4	17700		4	780	5	3150	20	<2
902	.9	1.1	7.1	2		0.3	26000		12	2000	5	2550	15	2
903	10.6	2.0	408	8		1.0	46500		33	1900	10	22000	65	<2
904	3.3	1.2	830	18		0.6	27000		26	1800	10	10000	110	3
CS80-905	4.2	2.0	660	16		0.6	27000		25	1800	15	5600	125	2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-643

DATE: Sept. 25
1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-730		50	60	235	80		1.3	75000		64	1050	15	240000	80	0.79
731		59	70	253	10		1.4	62200		34	960	20	210000	70	1.53
732		100	220	300	25		1.30	100000		21	500	25	250000	60	0.56
733		65	125	330	20		1.3	88200		61	1250	15	170000	75	0.62
734		50	75	205	15		1.9	72800		40	900	20	160000	80	0.50
735		110	500	575	10		1.9	81200		95	1260	15	150000	75	0.50
736		125	250	390	16		2.1	103000		235	1480	25	180000	75	0.65
737		125	80	225	18		0.6	90200		85	1200	20	140000	65	0.41
738		80	100	221	10		1.0	70000		53	900	35	120000	60	1.01
739		180	145	650	15		2.1	123000		298	900	30	730000	90	1.02
740		90	110	376	25		1.6	117000		59	1430	35	220000	100	0.95
741		30	50	105	15		0.4	55600		39	780	25	60000	40	0.51
742		62	50	186	5		0.5	53000		64	620	35	440000	50	1.76
743		35	45	125	6		0.2	48300		29	565	25	200000	45	1.06
744		25	30	87	5		0.4	40000		8	525	15	60000	40	1.31
745		35	23	86	5		0.7	38000		39	720	10	15000	35	3.03
746		50	60	175	10		1.3	55600		44	800	15	170000	40	0.42
747		70	75	217	8		2.8	51900		52	560	20	480000	65	0.49
748		65	65	324	5		2.2	120000		58	1260	10	360000	70	0.38
749		105	80	275	10		0.7	87300		25	1280	10	300000	60	0.42
750		45	55	170	6		2.4	65000		40	650	15	120000	80	0.69
751		65	85	198	8		1.6	61100		18	660	10	340000	45	0.33
752		175	90	260	8		0.7	100000		104	1110	35	130000	85	0.77
753		72	100	364	4		1.6	104000		83	1200	60	120000	95	0.84
754		55	135	264	3		2.2	96500		49	1040	25	500000	85	0.39
755		216	175	297	4		0.4	143000		143	1200	40	120000	70	0.17
756		365	100	310	6		0.4	105000		76	1750	35	200000	60	0.29
757		275	125	635	8		0.4	155000		86	2500	25	220000	80	0.31
758		110	75	400	6		1.6	89700		21	1800	35	120000	120	0.49
CS80-759		77	65	245	5		0.9	60800		54	1540	20	70000	70	0.55

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COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

Non Mag Heavy Mineral 1980.

FILE No. 0-643

DATE: Sept. 25

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-7 00		80	25	520	4		0.2	21200		157	1200	15	60000	75	0.23
7 01		145	75	4500	4		0.2	12500		171	1200	10	70000	60	0.24
7 02		125	180	485	9		1.0	12400		58	1350	15	185000	85	0.64
7 03		160	60	340	8		2.0	10000		50	800	20	66000	75	0.27
7 04		75	40	385	8		0.5	11800		10	875	10	52000	55	0.34
7 05		85	160	1350	48		2.2	16700		64	1840	10	20000	140	1.05
7 06		100	120	825	20		1.7	85500		28	900	30	140000	120	0.93
7 07		50	50	275	25		1.5	83300		2	750	10	60000	95	0.45
7 08		50	60	900	10		1.0	95500		109	1000	10	28000	75	0.21
7 09		65	70	755	15		1.1	66500		64	710	25	160000	95	0.49
7 10		12	90	1100	7		0.7	43300		19	2090	10	200000	50	1.28
7 11		65	30	255	5		0.5	10500		103	650	15	44000	85	0.31
7 12		27	40	300	15		3.0	91500		68	1020	25	18000	90	0.56
7 13		10	30	175	25		2.5	61700		34	840	10	24000	85	0.56
7 14		60	45	400	10		0.5	78700		47	1200	20	10000	60	0.79
7 15		10	70	210	12		1.4	97200		11	1260	15	2000	85	0.51
7 16		200	80	490	8		5.6	10700		88	2480	15	15000	90	0.54
7 17		75	40	130	6		0.5	48500		27	840	10	12000	60	0.82
7 18		40	35	520	10		1.0	122000		153	700	10	13000	80	0.39
7 19		120	135	660	12		2.3	15200		143	1120	25	26000	90	0.92
7 20		20	30	165	10		1.5	56500		52	825	20	10000	55	0.31
7 21		50	40	800	10		0.5	150000		120	1500	15	48000	90	0.20
7 22		420	170	1630	25		8.0	38800		179	4600	20	12000	130	0.40
7 23		5	10	55	7		0.5	15000		9	150	25	80000	60	1.24
7 24		45	20	400	6		1.5	70300		32	500	20	22000	85	0.34
7 25		45	25	110	5		1.0	60100		1	1380	20	12000	70	0.94
7 26		100	60	270	5		1.0	100000		176	800	20	30000	45	0.40
7 27		380	45	1000	10		2.5	19600		300	800	15	82000	40	0.27
7 28		15	10	165	5		1.5	45500		73	300	20	10000	50	0.32
CS80-7 29		40	15	275	22		0.2	92100		273	1250	15	13000	45	0.32

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-643

DATE: Sept. 25
1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS80-700							•						<2
701							•						<2
702							•						nes
703							•						nes
704							•						nes
705							•						nes
706							•						nes
707							•						nes
708							•						nes
709							•						nes
710							•						nes
711							•						nes
712							•						nes
713							•						nes
714							•						nes
715							•						nes
716							•						nes
717							•						nes
718							•						nes
719							•						nes
720							•						nes
721							•						nes
722							•						nes
723							•						nes
724							•						nes
725							•						<2
726							•						2
727							•						2
728							•						<2
CS80-729							•						<2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag

Heavy Mineral

FILE No. 0-643

DATE: Sept. 25 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-760	1	100	30	1200	9		1.2	50000		15	1150	5	240000	90	1.94
761	1	63	30	630	20		2.1	28600		23	420	10	280000	140	1.14
762	1	66	90	495	10		0.2	10300		43	860	10	165000	150	1.06
763	1	340	100	240	8		0.7	15300		261	1300	10	22000	50	1.01
764	1	42	60	256	20		0.7	68200		18	700	10	220000	70	0.43
765	1	25	25	82	5		0.5	40000		14	400	5	115000	75	1.34
766	1	25	30	107	6		0.7	47500		26	725	10	66000	60	1.30
767	1	20	15	57	6		0.5	22800		18	350	15	71000	70	0.66
768	1	12	15	65	8		0.3	23300		11	380	10	46500	50	1.76
769	1	42	25	113	6		0.5	80000		10	1930	10	240000	110	0.56
770	1	75	40	300	8		0.2	10000		40	500	10	nes	60	0.10
771	1	125	25	325	6		0.2	14800		40	2500	15	88000	55	0.16
772	1	130	50	820	12		1.0	13000		52	1050	10	125000	100	0.76
773	1	176	35	1430	10		1.0	20500		82	1500	10	140000	95	0.32
774	1	350	125	455	8		7.5	19700		110	8000	20	130000	100	0.48
775	1	87	80	2100	16		2.4	16000		50	630	20	180000	80	1.15
776	1	225	75	1850	18		2.5	18500		68	1550	25	135000	170	0.71
777	1	64	15	336	12		1.8	87700		14	850	20	330000	95	0.39
778	1	88	40	300	10		2.0	10200		36	750	20	750000	50	0.21
CS80-779	1	75	70	392	8		0.7	12500		72	1120	15	108000	75	0.46

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

Non Mag
Heavy Mineral

FILE No. 0-643

DATE: Sept. 25
1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS80-760													<2
761													<2
762													2
763													<2
764													2
765													<2
766													<2
767													<2
768													2
769													3
770													mes
771													mes
772													48
773													<2
774													2
775													2
776													<2
777													<2
778													<2
CS80-779													2

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-643

DATE: Sept. 2.

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Mn ppm	Fe ppm	As ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-700	4	18	10	103	0.2		19000	12	325	5	2000	40	<2
701	7	24	12	118	0.2		21000	5	310	<5	4000	45	<2
702	5	19	12	116	0.3		2000	13	380	<5	2050	35	5
703	4	15	9	84	0.1		18500	12	240	<5	2100	35	2
704	6	22	12	145	0.2		23500	11	360	<5	2050	45	60
705	4	12	9	112	0.2		17000	11	170	5	4300	25	<2
706	5	17	16	177	0.3		23000	10	1270	<5	4150	35	2
707	6	17	11	143	0.2		16000	4	420	5	2950	40	3
708	3	9	11	90	0.4		20000	9	310	<5	1700	25	<2
709	5	14	22	164	0.3		18500	11	420	<5	2000	22	2
710	4	9	14	107	0.3		20000	17	1750	<5	3650	20	<2
711	4	8	17	89	0.5		16000	14	360	<5	1050	18	2
712	4	14	12	96	0.2		17500	12	280	<5	1750	26	<2
713	3	10	11	69	0.2		16500	17	420	5	2050	29	5
714	4	19	16	91	0.2		20000	11	410	5	4300	20	<2
715	4	10	17	72	0.2		23000	2	210	<5	1650	29	22
716	3	16	22	129	0.4		19000	5	720	5	1650	23	<2
717	2	9	12	67	0.7		15000	10	400	5	1650	20	3
718	6	18	19	135	0.4		22000	8	180	5	2400	30	75
719	3	18	18	119	0.3		21000	9	310	5	1050	21	<2
720	2	8	8	53	0.2		11000	4	170	5	1750	14	<2
721	4	13	11	98	0.4		16000	10	180	10	2300	26	2
722	4	8	8	70	0.4		14000	13	240	<5	1450	30	<2
723	4	18	13	117	0.6		20000	6	310	5	7900	51	<2
CS80-724	3	8	10	78	0.3		19000	6	220	<5	2800	39	2

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COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept. 2. 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	Ni ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-840	1.5	10.0	7.0	1.0	1.0		1.0	18,700.0		1.25	237.0	1.5	9600	7.5	0.88
841	.8	9.0	3.5	.8	1.6		1.1	5,000.0		.72	110.0	2.0	8000	6.0	0.38
842	1.8	12.0	5.25	1.0	2.4		1.4	100.0		1.00	180.0	2.5	6600	5.5	0.26
843	2.5	1.0	6.10	2.5	2.0		1.6	200.0		.88	320.0	3.0	13000	9.0	0.70
844	2.0	8.5	4.40	2.0	1.3		1.4	400.0		.93	216.0	2.5	16000	8.0	0.85
845	1.4	8.5	1.050	2.0	2.0		2.1	300.0		1.22	360.0	2.0	6100	9.5	0.56
846	1.8	7.0	5.70	3.0	1.6		1.5	000.0		.72	200.0	1.5	15000	8.0	0.39
847	1.7	4.5	4.90	1.5	1.1		1.9	2,900.0		3.4	98.0	1.0	35000	10.0	0.45
848	1.85	5.0	4.70	1.0	1.3		9.4	400.0		.80	1225	2.0	4300	8.5	0.64
849	1.2	3.5	8.00	8	1.9		8.0	800.0		3.1	272.0	1.5	23000	10.0	0.51
850	1.2	5.0	9.10	1.2	1.3		1.1	200.0		5.3	176.0	1.5	19000	9.0	0.52
851	1.5	2.5	2.025	8	2.0		1.1	900.0		3.8	157.5	2.0	14500	9.5	0.31
852	1.3	2.0	1.100	2.0	.04		1.0	500.0		9.3	180.0	1.5	9400	8.0	0.25
853	1.4	2.5	1.100	1.5	.04		1.1	400.0		1.45	220.0	1.5	9400	9.5	0.21
854	2.2	5.0	2.400	8	1.6		1.7	600.0		2.70	255.0	2.0	14000	7.5	0.27
855	2.0	5.0	1.600	3.0	2.0		1.3	200.0		9.4	300.0	1.5	13500	12.0	0.29
856	1.5	7.5	4.20	2.0	2.0		1.2	100.0		6.8	147.0	1.5	9600	15.0	0.50
857	1.0	7.5	5.00	1.5	.04		1.4	300.0		1.33	220.0	2.0	5000	10.0	0.31
858	1.4	4.0	2.00	6	.06		6.7	00.0		2.7	140.0	1.0	4400	8.0	0.96
859	5.0	3.5	1.75	5	.07		7.2	000.0		3	184.0	1.0	2200	6.5	0.84
860	7.5	4.5	2.75	4	1.0		6.5	600.0		1.6	158.0	1.5	66000	9.5	1.41
861	2.0	5.0	2.50	1.0	.09		8.6	700.0		8.3	160.0	1.5	36000	9.0	1.08
862	9.5	5.5	6.20	1.2	2.2		1.8	900.0		8.5	336.0	1.0	29000	8.0	0.41
863	1.0	8.0	5.00	8	3.2		1.3	100.0		9.8	330.0	1.5	65000	8.5	0.52
864	9.0	8.0	7.00	6	1.6		1.1	500.0		9.2	256.0	1.0	59000	9.0	0.43
865	8.5	4.5	1.320	6	1.3		2.2	300.0		2.1	930.0	2.0	84000	18.0	1.08
866	1.25	7.5	6.25	5	2.0		1.4	000.0		6.8	225.0	3.5	6800	15.0	0.31
867	1.5	7.0	2.70	8	2.0		1.3	600.0		1.81	500.0	1.5	nes	8.5	0.11
868	8.0	7.0	4.50	6	4.8		1.5	900.0		1.27	208.0	2.0	8000	9.5	0.16
CS80-869	9.0	7.0	3.40	5	3.2		1.3	900.0		2.00	440.0	1.0	12000	8.5	0.16

CERTIFIED BY:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept.25 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS 80-840							•						<2
841							•						<2
842							•						<2
843							•						<2
844							•						2
845							•						<2
846							•						<2
847							•						<2
848							•						<2
849							•						<2
850							•						2
851							•						2
852							•						2
853							•						<2
854							•						<2
855							•						<2
856							•						<2
857							•						<2
858							•						2
859							•						<2
860							•						3
861							•						<2
862							•						<2
863							•						<2
864							•						2
865							•						<2
866							•						<2
867							•						nes
868							•						<2
CS 80-869							•						2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept.25

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-810	1	160	170	460	18		2.0	105000		56	500	45	9000	95	0.43
811	1	45	35	202	8		1.0	60000		32	1200	80	14000	75	0.93
812	1	85	90	415	10		1.5	97500		62	1900	60	22000	70	1.24
813	1	190	60	2400	26		1.5	254000		70	3200	50	9000	150	1.57
814	1	55	40	330	6		1.0	65800		38	650	40	17000	110	1.11
815	1	85	65	560	10		0.6	94400		18	1100	35	24000	100	0.62
816	1	50	50	315	8		0.8	91700		37	1500	40	10000	130	0.83
817	1	95	75	800	18		2.0	173000		80	650	20	70000	90	0.52
818	1	100	100	410	15		0.2	160000		40	900	25	13000	70	0.38
819	1	60	150	420	10		0.2	175000		240	1000	35	8800	85	0.38
820	1	55	75	415	9		0.5	93300		91	1100	35	10000	95	0.48
821	1	75	50	530	8		1.0	90000		160	1100	40	10000	85	0.39
822	1	120	70	490	9		0.2	136000		108	1300	20	22000	95	0.47
823	1	95	50	280	10		2.0	71000		204	1500	25	10000	135	0.62
824	1	60	25	210	6		1.0	38200		52	700	30	11000	90	0.54
825	1	35	25	200	5		1.0	63300		43	600	35	16800	100	0.49
826	1	45	30	230	7		0.8	47800		10	600	50	8000	85	0.68
827	1	135	200	730	12		2.4	157000		67	2200	25	16400	90	1.22
828	1	85	80	680	10		1.2	136000		115	900	45	12000	70	0.78
829	1	60	55	250	8		0.5	81800		55	550	35	7400	50	0.69
830	1	85	35	310	10		1.2	252900		35	1200	25	5600	60	0.96
831	1	135	155	520	20		3.0	111000		275	1300	25	5200	70	0.34
832	1	48	65	260	12		3.0	81200		70	1100	35	8200	80	0.52
833	1	65	70	380	18		2.0	75000		83	6200	40	9000	85	0.90
834	1	40	60	190	12		1.0	60000		72	900	10	13000	90	0.39
835	1	50	60	300	14		1.0	40000		104	500	20	10800	85	0.35
836	1	65	50	310	9		0.8	80000		86	1000	20	4000	130	0.78
837	1	55	40	330	6		0.3	80000		56	800	20	5200	120	0.88
838	1	250	130	970	15		1.5	220000		116	1300	45	64000	135	0.64
CS80-839	1	175	105	1050	12		1.5	170000		80	1000	40	56000	140	0.61

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-673

DATE: Sept.25 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	W ppm
CS80-810							•						<2
811							•						2
812							•						2
813							•						5
814							•						8
815							•						<2
816							•						<2
817							•						2
818							•						<2
819							•						2
820							•						2
821							•						2
822							•						<2
823							•						3
824							•						<2
825							•						2
826							•						2
827							•						<2
828							•						<2
829							•						2
830							•						<2
831							•						<2
832							•						<2
833							•						2
834							•						3
835							•						2
836							•						11
837							•						2
838							•						3
CS80-839							•						2

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 0-673

DATE: Sept.25

Straight Geochem 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	W ppm
CS80-780	2.6	13	142	5		0.2	35000		24	1400	10	2650	95	<2
781	5.7	12	542	18		1.0	19500		24	1350	25	12500	250	<2
782	6.6	11	590	17		1.4	20000		22	1300	15	5950	200	2
783	3.7	13	320	5		0.8	27500		12	6500	20	2600	75	<2
784	1.0	5	69	2		0.2	17000		15	280	10	2450	30	<2
785	1.0	6	61	4		0.3	12000		7	260	15	2500	45	2
786	1.2	7	103	3		0.4	21000		15	400	10	2800	25	<2
787	1.0	6	56	3		0.3	13000		5	220	15	2650	35	2
788	3.0	13	130	6		0.2	26500		14	700	25	2900	40	<2
789	1.9	11	107	3		0.2	24000		9	570	10	2150	25	2
790	6	7	65	4		0.1	20000		13	3100	25	2550	25	<2
791	9	6	58	2		0.1	10000		10	430	15	2850	45	<2
792	1.5	7	120	5		0.3	16000		10	740	15	4700	40	<2
793	2.6	10	130	6		0.4	21000		14	980	15	2900	60	<2
794	3.3	11	188	8		0.5	24500		16	840	10	10500	80	<2
795	4.7	10	532	18		1.1	22000		14	1950	10	6450	100	2
796	3.3	11	468	10		0.5	26000		14	4800	20	3800	65	<2
797	5.5	11	244	10		0.7	24000		11	1300	10	2250	35	<2
798	6.4	14	206	6		0.8	30000		12	1700	25	5900	23	2
799	1.5	8	84	4		0.2	17000		6	860	10	3350	20	<2
800	2.8	10	143	5		0.3	16000		7	1020	35	1550	23	2
801	1.2	9	55	4		0.2	17000		12	380	15	2100	15	<2
802	1.7	17	78	3		0.2	29000		15	900	10	1450	24	2
803	1.6	11	93	2		0.2	18500		9	290	15	3000	30	<2
CS80-804	7.6	41	1160	6		1.3	35000		25	1370	10	6000	50	3

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: E.P. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

REPORT No. 0-805

DATE: Sept. 2, 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	[illegible] ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-1	035	1.6	2.6	42			09						900	25
	36	1.6	3.0	50			07						2400	18
	37	1.5	3.0	40			07						1000	18
	38	1.7	2.5	45			06						600	22
	39	1.6	2.2	42			04						700	15
	40	1.3	1.6	38			03						800	15
	41	1.7	2.4	47			06						2000	25
	42	1.1	2.1	38			07						800	15
	43	1.4	2.0	38			04						700	25
	44	1.5	1.4	46			06						700	23
	45	1.4	2.5	44			06						1100	14
	46	3.1	2.7	58			06						700	12
	47	1.7	2.8	38			1.1			(40 mesh)			800	23
	48	1.8	2.8	40			1.0			(40 mesh)			1000	12
	49	1.7	2.8	43			08			(40 mesh)			900	13
CS80-1	050	1.6	2.5	53			04						550	17
CS80-1	093	1.7	2.3	44			04						600	15
	94	1.7	2.3	42			03						550	25
	95	1.8	2.3	50			04						600	17
	96	1.3	2.6	53			06						750	20
	97	1.9	2.1	42			06						600	22
	98	1.4	2.0	58			03						500	20
	99	1.3	1.9	51			05						750	22
CS80-1	100	1.6	2.0	51			05						600	25
	01	1.4	1.7	49			05						700	16
	04	1.0	1.4	291			04			(40 mesh)			700	18
	05	2.9	2.2	1320			06						2000	75
CS80-1	106	2.5	3.0	409			03						2100	25
							•							
							•							

CERTIFIED BY

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08115 Date of report July 18/80.

File No. 0-366 Date samples received June 27/80.

Samples submitted by: T. Dillon

Company: Gulf Minerals Canada

Report on: 72 H.M. Geochem samples

Assay samples

Copies sent to:

1. Gulf Minerals Canada, Toronto, Ont.
2. T. Dillon, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-2561

DATE: July 16, 1980.

Mag Fraction

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. % (Mag)
CS80-200	2	20	5	50	1		0.2			3	150	2.5	nes	20	0.02
201	6	60	10	140	2		0.2			<1	550	3.0	nes	170	0.08
202	2	20	5	120	1		0.1			<1	600	1.0	nes	150	0.14
203	2	20	5	100	1		0.1			2	700	2.0	nes	150	0.13
204	4	40	5	130	1		0.1			3	1200	1.0	nes	120	0.35
205	8	80	10	70	1		0.1			<1	300	1.0	nes	100	0.14
206	2	20	5	20	1		0.1			<1	50	5	nes	70	0.01
207	2	20	15	60	1		0.1			<1	150	1.0	nes	150	0.16
208	2	20	5	30	2		0.1			1	50	2.5	nes	150	0.02
209	4	40	5	40	1		0.1			1	50	1.0	nes	30	0.01
210	100	100	10	20	1		0.1			2	50	1.0	nes	20	0.01
211	8	80	5	40	1		0.1			2	100	1.5	nes	30	0.02
212	8	80	10	40	1		0.1			<1	100	1.5	nes	30	0.03
213	2	20	5	20	1		0.1			<1	100	1.0	nes	50	0.06
214	2	20	5	10	1		0.1			<1	50	1.0	nes	40	<0.01
215	2	20	5	20	1		0.1			<1	100	2.5	nes	30	0.01
216	2	20	15	70	1		0.5			<1	100	1.0	nes	120	0.33
217	6	60	10	50	1		0.2			<1	250	1.0	nes	80	0.17
218	240	18	210	2		0.3				<1	200	5	nes	40	0.19
219	2	20	5	20	1		0.1			4	100	5	nes	30	0.02
220	4	40	5	20	1		0.1			<1	100	1.0	nes	30	0.04
221	2	20	5	10	1		0.1			<1	100	1.0	nes	20	0.02
222	8	45	120	2		0.6				3	2200	5	80	350	0.72
223	2	20	5	30	1		0.2			<1	250	5	nes	80	0.09
224	2	20	5	20	1		0.1			<1	100	1.0	nes	20	0.02
225	130	5	10	1		0.1				1	250	1.0	nes	30	0.02
226	2	20	5	30	1		0.1			<1	400	5	nes	30	0.03
227	2	20	25	30	1		0.2			3	300	1.5	nes	60	0.11
228	2	20	5	20	1		0.1			2	100	1.0	nes	30	0.03
CS80-229	2	20	5	10	1		0.1			3	100	5	nes	20	0.02

*Results estimated due to insufficent sample size.

CERTIFIED BY:

MIN-EN Laboratories Ltd.

705 WEST 15th STREET,
NORTH VANCOUVER, B.C., CANADA V7M 1T2
TELEPHONE (604) 980-5814

ANALYTICAL REPORT

Project AFE 0421 FAC 08117 Date of report July 16/80. June 26/80.

File No. 0-256R2, 0-256R Date samples received July 3/80

Samples submitted by: T. Dillon

Company: Gulf Minerals

Report on: 37 Mag fraction, 26 (-100 mesh) Geochem samples
37 non mag fraction

Assay samples

Copies sent to:

1. Gulf Minerals, Toronto, Ont.
2. Gulf Minerals, Ross River, Yukon.
3.

Samples: Sieved to mesh Ground to mesh

Prepared samples stored ☒ discarded ☐

rejects stored ☐ discarded ☐

Methods of analysis: Specific gravity flotation and routine geochem analysis.

Remarks:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256F

DATE: July 16, 1980.

Mag Fraction

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. % (Mag)
CS80-230		20	5	120	1		0.1			6	50	25	nes	50	<0.01
231		60	5	110	1		0.1			1	50	10	nes	30	0.01
232		20	5	80	1		0.1			2	50	5	nes	40	0.01
233		20	5	100	2		0.1			2	50	10	nes	60	0.03
234		20	5	220	1		0.1			1	200	10	nes	90	0.08
235		20	15	100	1		0.1			1	200	5	nes	150	0.14
CS80-236		20	5	60	1		0.1			3	50	10	nes	40	0.01

*Results estimated due to insufficent sample size.

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256R

DATE: July 16, 1980.

-100 Mesh

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-200	not enough sample						•							
201	1	100	30	154	17		1	34900		69	1230	5	600	23
202	1	14	15	34	2		03	15500		9	290	<5	580	16
203	1	12	11	30	1		06	16400		1	260	15	550	20
204	1	14	13	50	2		04	17700		5	350	5	800	29
205	1	29	21	60	2		08	13800		1	280	15	350	25
206	1	49	25	44	2		05	23600		9	325	10	420	12
207	1	31	21	58	1		07	29000		1	415	85	510	13
208	1	38	19	55	2		06	29500		<1	300	<5	450	20
209	1	42	22	52	2		05	29500		5	275	<5	500	12
210	1	34	30	57	1		04	32000		1	280	5	520	15
211	1	30	34	74	2		08	24200		3	300	10	480	15
212	1	26	27	72	2		08	24000		12	300	5	450	12
213	1	29	31	74	2		03	22300		6	400	5	430	24
214	not enough sample						•							
215	1	23	34	74	2		05	22000		8	410	<5	480	23
216	not enough sample						•							
217	1	90	42	104	2		10	90000		182	290	<5	700	18
218	1	25	62	40	2		09	80000		2	275	5	480	20
219	1	24	14	43	1		04	20500		9	325	5	600	5
220	1	25	14	33	1		05	15000		<1	165	5	550	3
221	1	19	12	38	1		06	16600		3	160	<5	600	2
222	not enough sample						•							
223	1	18	32	40	2		07	67000		1	250	10	650	2
224	not enough sample						•							
225	not enough sample						•							
226	not enough sample						•							
227	not enough sample						•							
228	1	9	12	39	1		03	20000		1	255	<5	550	2
CS80-229	1	12	40	64	2		06	10300		12	370	5	600	3

CERTIFIED BY:

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256R2

DATE: July 16 1980.

-100 Mesh

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm
CS80-230		30	60	64	2		07	11800		1	275	15	650	8
231		50	50	65	2		05	5600		2	200	10	500	12
232		not enough sample												
233		not enough sample												
234		not enough sample												
235		19	14	42	2		03	22300		11	310	10	450	6
CS80-236		16	13	33	1		05	18000		7	270	5	1100	4

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.
705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256R

DATE: July 16

NON MAG. 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. % nm mg
CS80-200		530	60	650	40		1.5	194000		11	3000	5	nes	7.5	0.33
201		200	3	280	44		1.7	112000		201	1490	5	600	5.7	3.55
202		22	13	34	2		0.4	360000		7	390	10	580	3.5	8.30
203		18	6	37	4		0.4	285000		4	390	5	420	2.4	3.31
204		8	5	19	3		0.1	161000		4	280	450	400	2.3	5.88
205		194	43	80	5		0.5	680000		5	533	5	400	2.3	1.88
206		260	60	90	12		1.0	930000		16	930	5	nes	4.2	0.88
207		270	38	90	6		0.4	610000		4	990	5	nes	4.0	1.44
208		400	32	80	4		0.2	648000		9	510	5	nes	3.7	1.55
209		336	95	100	9		0.8	1510000		17	660	5	nes	3.0	1.04
210		390	100	125	6		0.5	1570000		15	600	5	nes	3.5	1.06
211		256	103	145	9		0.8	2110000		29	600	5	nes	4.0	0.98
212		300	110	175	6		1.3	2360000		46	640	5	nes	3.5	1.76
213		550	125	210	30		0.8	2000000		9	840	5	nes	4.0	0.42
214		600	50	200	50		1.0	2000000		1	750	15	nes	3.5	0.05
215		350	118	180	15		0.9	1680000		9	1270	55	nes	5.0	0.69
216		200	64	93	7		0.7	850000		39	860	160	nes	2.4	3.07
217		360	112	110	5		0.8	1300000		134	1975	40	170	2.4	2.17
218		60	190	178	5		2.0	2000000		950	400	95	nes	1.5	4.61
219		600	375	205	30		2.5	3350000		48	925	5	550	3.5	0.60
220		196	79	74	4		0.6	530000		27	390	10	630	1.5	3.06
221		104	50	59	4		0.3	460000		16	345	5	500	2.2	2.73
222		290	80	66	3		1.2	720000		33	815	5	700	2.4	3.28
223		220	58	88	4		1.0	850000		36	660	5	630	2.5	4.03
224		70	29	97	4		0.7	840000		22	550	15	600	2.0	2.87
225		106	30	94	4		0.4	830000		28	540	5	680	2.5	3.88
226		60	25	65	4		0.4	610000		3	510	5	nes	2.3	2.22
227		100	29	56	3		0.4	780000		13	690	60	nes	2.2	3.07
228		190	60	125	6		0.8	1030000		32	1350	120	nes	2.2	2.51
CS80-229		75	27	83	3		0.4	610000		14	560	5	820	2.4	4.55

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08117

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-256R

DATE: July 16 1980.

NON MAG.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. mm % mg
CS80-230		60	50	100	8		1.0	57000		5	525	5	nes	28	1.28
231		260	155	125	10		2.2	172000		18	850	15	740	24	1.18
232		38	100	58	4		0.4	39500		1	490	<5	nes	18	1.36
233		52	63	95	10		0.7	80000		5	750	5	nes	24	1.20
234		72	63	108	6		1.0	89000		22	700	10	nes	25	3.04
235		200	60	150	12		1.3	115000		31	950	15	nes	24	0.95
CS80-236		108	63	400	12		1.6	103000		4	900	5	670	20	1.00

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-366

DATE: July 18, 1980.

Heavy Mineral

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-86		95	52	145	4		30	114000		5	2640	5	290	15	3.12
191		235	189	610	16		44	186000		2	1840	5	5200	65	2.76
192		110	56	485	13		23	89000		<1	1230	5	28000	250	2.34
193		80	50	680	13		30	91000		1	1030	5	3750	185	1.83
194		83	80	650	11		19	126000		<1	1320	10	3100	12	1.73
195		68	86	232	3		17	112000		<1	1160	5	1225	38	3.04
196		22	27	97	5		13	57000		<1	1000	5	470	48	2.45
197		20	58	105	3		11	63500		<1	1220	5	1560	60	3.73
198		220	93	370	10		20	169000		11	2500	10	450	75	2.14
199		240	60	550	40		24	143000		20	1955	10	28500	56	1.36
243		200	193	373	7		22	184000		14	2080	5	1080	50	3.47
244		400	165	600	20		29	275000		18	2566	20	570	90	1.43
245		325	336	370	8		28	230000		11	2310	5	640	27	2.31
246		180	131	610	17		16	180000		10	1200	5	2500	35	2.52
321		265	430	715	31		34	182000		29	1680	5	16000	85	1.99
322		230	204	540	16		22	200000		24	2080	<5	3150	40	2.66
323		430	110	1400	75		30	236000		30	2870	5	6350	70	1.61
324		60	56	119	2		10	122000		<1	1260	5	975	65	3.57
325		120	342	2080	15		18	206000		16	833	5	32500	25	1.54
326		80	250	1400	90		15	190000		25	1620	10	16500	85	0.47
327		16	16	110	3		05	54000		<1	715	5	1360	20	1.85
328		28	23	62	3		06	79000		6	1040	15	450	25	5.21
329		70	42	109	2		10	88000		1	1840	10	520	10	4.42
330		125	78	277	7		15	106000		16	1030	10	1575	10	4.45
331		230	150	575	18		30	190000		24	1860	5	780	55	1.84
332		73	61	163	5		10	94000		2	960	<5	1450	50	5.41
333		56	35	146	4		09	69000		5	700	5	1250	50	4.61
334		185	137	540	14		30	200000		24	2160	220	6250	45	2.84
335		185	124	530	13		25	200000		23	2200	5	8750	45	2.58
CS80-336		196	109	590	15		32	240000		35	2160	10	7500	30	2.64

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

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GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-366

DATE: July 1

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-337		215	630	770	5		40	210000		39	2900	1500	720	18	4.49
338		290	72	325	7		20	188000		80	1720	65	650	48	1.69
339		143	90	403	5		31	194000		17	1940	1200	1100	19	4.47
340		140	87	310	5		20	171000		89	1800	40	625	15	1.99
341		370	240	975	20		30	250000		91	2415	20	850	24	1.77
CS80-342		270	143	730	14		39	219000		3	1625	5000	730	51	2.13

COMPANY: Gulf Minerals Canada

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GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

FILE No. 0-366

DATE: July 18

Heavy Mineral 1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-343	4	40	14	56	2		0.9	44000		<1	530	5	450	33	8.22
344	4	44	11	104	2		0.8	58000		<1	600	<5	520	20	3.84
345	1	6	8	35	2		0.7	31000		<1	520	5	360	10	5.00
346	8	3	2	9	1		0.9	17500		1	340	<5	425	8	8.38
347	8	3	2	3	1		0.7	18000		4	330	<5	630	16	11.06
348	4	2	1	5	1		1.6	12600		<1	340	<5	400	18	5.05
349	10	8	2	6	1		1.2	18600		4	265	5	1150	13	7.60
350	44	31	7	9	2		1.5	65000		1.6	440	<5	960	17	3.41
351	34	13	8	5	4		0.8	38000		1.5	280	5	1240	19	1.61
352	74	42	8	4	5		2.0	71000		5.6	460	5	950	32	4.27
353	73	17	5	4	3		1.2	36500		1	415	<5	820	17	4.35
354	125	51	13	0	7		2.3	98000		6.0	510	10	1125	48	4.13
355	128	161	19	9	3		3.3	75000		6.2	590	<5	1370	63	7.55
356	21	18	4	4	2		0.7	36000		6	610	5	575	32	5.98
357	194	318	36	1	41		6.0	185000		15.4	900	6.5	1050	16	10.88
358	180	50	65	0	50		3.0	180000		18.0	1000	<5	1080	12	0.42
359	140	34	7	5	5		1.8	63000		9.0	1050	5.0	940	92	2.51
400	134	63	38	2	7		1.8	183000		6.2	2400	5	450	33	3.56
401	350	210	80	0	20		4.5	221000		13.3	1500	5	725	63	1.95
402	230	225	68	0	18		3.0	206000		10.9	1200	2.5	740	46	1.94
403	112	69	24	3	6		1.1	140000		5.3	1130	5	930	48	2.79
404	100	75	25	0	5		1.5	152000		4.7	1000	7.5	925	18	1.36
405	28	19	6	3	2		0.6	49000		3	1270	1.0	330	14	5.34
406	200	204	72	0	15		2.2	180000		12.7	1660	<5	3100	51	10.08
407	285	350	100	0	15		2.9	300000		30.9	3000	5	1950	50	6.05
408	240	600	81	0	18		4.4	230000		24.9	2040	1.0	2000	47	3.30
409	170	140	84	0	18		2.8	250000		12.5	2320	<5	2150	32	3.21
410	144	117	46	0	9		3.5	250000		20.5	2060	5	575	26	5.93
411	71	7	3	4	2		0.5	30500		1	470	<5	670	35	2.37
CS80-412	18	5	3	9	2		0.3	27800		<1	535	5	480	19	4.98

CERTIFIED BY

COMPANY: Gulf Minerals Canada

PROJECT No.: AFE 0421 FAC 08115

ATTENTION: T. Dillon

GEOCHEMICAL ANALYSIS DATA SHEET

MIN - EN Laboratories Ltd.

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2
PHONE (604) 980-5814

File No. 0-366

DATE: July 1

heavy mineral

1980.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Mo ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb	Ba ppm	V ppm	H.M. %
CS80-413	21	5	48	4		05	32500		3	530	15	580	21	4.95
414	10	7	27	13		04	20800		<1	615	5	1130	16	3.89
415	16	5	35	4		05	27300		4	500	5	490	17	17.04
416	20	10	43	5		03	33000		2	500	5	630	19	9.51
417	50	32	91	2		08	75000		27	485	5	780	10	4.11
CS80-418	40	26	54	2		05	63000		15	540	5	750	6	12.45

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