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C-449

CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1 1976
TELEPHONE: 985-0648
AREA CODE: Miner 604 Staff
TELEX: 043-52597
CHEVRON STANDARD LIMITED
VANCOUVER OFFICE

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS


TO: Chevron Standard Ltd.,
Minerals Staff,
901- 355 Burrard St.,
Vancouver, B.C. V6C 2G8

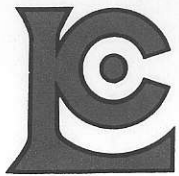
CERTIFICATE NO. SP 0536
INVOICE NO. 19078
RECEIVED Nov. 25, 1976.
ANALYSED Dec. 5, 1976.

SAMPLE NO. :	L19/9	L24/9	L25/9	FP	
	76-2	76-2	76-2	76-70	G-444
Cerium	> 2000	1500	< 200	< 200	200
Dysprosium	1000	< 50	< 50	< 50	200
Erbium	< 20	< 20	< 20	< 20	< 20
Europium	200	10	< 10	< 10	20
Gadolinium	200	< 100	< 100	< 100	< 100
Holmium	100	< 50	< 50	< 50	50
Lanthanum	> 2000	2000	< 20	< 20	200
Lutetium	50	< 20	< 20	< 20	20
Neodymium	> 2000	500	< 200	< 200	20
Praseodymium	> 2000	< 500	< 500	< 500	< 500
Samarium	200	< 100	< 100	< 100	< 100
Terbium	200	< 20	< 20	< 20	50
Thulium	30	< 10	< 10	< 10	< 10
Ytterbium	100	2	< 1	< 1	100
Scandium	20	10	< 5	< 5	10
Yttrium	> 2000	70	< 5	5	1500
Potassium	0.2%	0.7%	5%	5%	0.2%



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: 



CHEMEX LABS LTD.

212 BROOKSBANK AVE. RECEIVED
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 CANADA V7J 2C1
 TELEPHONE: 985-0648
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 Minerals Staff
 CHEVRON STANDARD LIMITED
 VANCOUVER OFFICE

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. SP 0536

TO: Chevron Standard Ltd.,
 Minerals Staff
 901- 355 Burrard St.,
 Vancouver, B.C. V6C 2G8

INVOICE NO. 19078

RECEIVED Nov. 25, 1976.

ATTN: Vancouver, B.C. V6C 2G8

ANALYSED Dec. 5, 1976.

"Rare Earths"

SAMPLE NO. :	FP-76-41	FP-76-44	FP-76-46
Cerium	2000	500	1000
Dysprosium	70	< 50	70
Erbium	70	< 20	100
Europium	20	< 10	50
Gadolinium	< 100	< 100	< 100
Holmium	< 50	< 50	< 50
Lanthanum	300	2000	300
Lutetium	150	< 20	200
Neodymium	200	< 200	100
Praseodymium	1500	< 500	1500
Samarium	< 100	< 100	< 100
Terbium	70	< 20	100
Thulium	< 10	< 10	< 10
Ytterbium	10	3	7
Scandium	30	< 5	100
Yttrium	100	20	100
Potassium	< 0.5%	1%	< 0.5%



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *R.P.H.*

SAMPLE SHIPMENT



Chevron Standard Limited
Minerals Staff

901 - Marine Bldg., 355 Burrard St., Vancouver, B.C. V6C 2G8 Phone (604) 688-5691

№ 129

985-0648
 TO Chemex Labs Ltd
 212 Brooksbank, N. Vancouver, B.C.

DATE 24 Nov '76

SEND RESULTS TO:
 1 COPY TO CHEVRON STANDARD LIMITED, Minerals Staff
 1 COPY TO _____

SHIPMENT No: _____

PROJECT NO: C449

SHIPPED BY: F.W. PLUT

SEND INVOICE TO: _____

NATURE OF SAMPLES	NUMBER SAMPLES	SAMPLE TAG NUMBERS	ASSAY SPECIFICATION	REMARKS
Howard Ck		FP-76-41		CARBONATITE
Copeland		FP-76-44		hi RE's pegmatite (fluorite)
Updown		FP-76-46		CARBONATITE
Copeland		L19/9/76-2		hi RE's - fluorite
Kinsville		L24/9/76-2		CARB.
TRIDENT		25/9/76-2		
Boothach		FP-76-70	geochem U & Th also	trachytic neph syenite(?)
	8	G-444		
Run a			Semi-quantitative spectrographic analysis for the rare earths.	

PLEASE SIGN AND RETURN ONE COPY TO:
CHEVRON STANDARD LIMITED, Minerals Staff

RECEIVED BY: _____

ASSAY OFFICE - White

RETURN COPY - Canary

FIELD COPY - Pink

DATE _____

HEAD OFFICE - Goldenrod



CHEMEX LABS LTD.

RECEIVED

DEC 13 1976

VANCOUVER OFFICE

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

CERTIFICATE NO. SP0536

TO: Chevron Standard Ltd.,
(Minerals)
901 - 355 Burrard St.,
Vancouver, B. C.

INVOICE NO. 19078

"Corrected Copy"

RECEIVED Dec. 5/76

ATTN: Mr. F.W. Plut

"Rare Earths"

ANALYSED Dec. 7/76

SAMPLE NO. :	FP-	FP-	FP-	L	L	L
	76-41	76-44	76-46	19/9/76-2	24/9/76-2	25/9/76-2
Cerium	2000	500	1000	>2000	1500	<200
Dysprosium	70	<50	70	1000	<50	<50
Erbium	70	<20	100	<20	<20	<20
Europium	20	<10	50	200	10	<10
Gadolinium	<100	<100	<100	200	<100	<100
Holmium	<50	<50	<50	100	<50	<50
Lanthanum	300	2000	300	>2000	2000	<20
Lutetium	150	<20	200	50	<20	<20
Neodymium	200	<200	1000	>2000	500	<200
Praseodymium	1500	<500	1500	>2000	<500	<500
Samarium	<100	<100	<100	200	<100	<100
Terbium	70	<20	100	200	<20	<20
Thulium	<10	<10	<10	30	<10	<10
Ytterbium	10	3	7	100	2	<1
Scandium	30	<5	100	20	10	<5
Yttrium	100	20	100	>2000	70	<5
Potassium	<0.5%	1%	<0.5%	0.2%	0.7%	5%

	FP-	G
	76-70	444
Cerium	<200	200
Dysprosium	<50	200
Erbium	<20	<20
Europium	<10	20
Gadolinium	<100	<100
Holmium	<50	50
Lanthanum	<20	200
Lutetium	<20	20
Neodymium	<200	200
Praseodymium	<500	<500
Samarium	<100	<100
Terbium	<20	50
Thulium	<10	10
Ytterbium	<1	100
Scandium	<5	<10
Yttrium	5	1500
Potassium	5%	0.2%



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: *[Signature]*

RECEIVED

DEC 13 1976

Minerals Staff
CHEVRON STANDARD LIMITED
VANCOUVER OFFICE

Attn: Mr. F. W. Plut

Please note correction of 4 errors on previous
typed analysis:

Sample no. FP-76-46 Neodymium s/b 1000 not 100

G-444 Neodymium s/b 200 not 20

G-444 Thulium s/b 10 not <10

G-444 Scandium s/b <10 not 10