



Chemex Labs Inc.

Analytical Chemists • Geochemists • Registered Assayers
994 WEST GLENDALE AVE., SUITE 7, SPARKS,
NEVADA, U.S.A. 89411
PHONE (702) 356-5395

UNION OIL COMPANY OF CALIFORNIA
UNION GEOTHERMAL DIVISION
3576 UNOCAL PLACE, P.O. BOX 6854
SANTA ROSA, CALIFORNIA
95406

A8824092

Comments: ATTN: DANIEL CARRIER

CERTIFICATE A8824092

UNION OIL COMPANY OF CALIFORNIA
PROJECT :
: A880926

Samples submitted to our lab in Sparks, NV.
This report was printed on 29-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	16	Geochem: Ring only, no crush/split
232	16	Total ICP digestion

* NOTE 1:

Code 1000 is used for repeat gold analyses.
It shows typical sample variability due to
coarse gold effects. Each value is
correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
592	16	SiO ₂ %: Whole rock	ICP-AES	0.01	99.00
594	16	Al ₂ O ₃ %: Whole rock	ICP-AES	0.01	99.00
586	16	Fe ₂ O ₃ (total) %: Whole rock	ICP-AES	0.01	99.00
593	16	MgO %: Whole rock	ICP-AES	0.01	99.00
588	16	CaO %: Whole rock	ICP-AES	0.01	99.00
599	16	Na ₂ O %: Whole rock	ICP-AES	0.01	99.00
821	16	K ₂ O %: Whole rock	ICP-AES	0.01	99.0
595	16	TiO ₂ %: Whole rock	ICP-AES	0.01	99.00
597	16	P ₂ O ₅ %: Whole rock	ICP-AES	0.01	99.00
596	16	MnO %: Whole rock	ICP-AES	0.01	99.00
542	16	BaO %: Whole rock	ICP-AES	0.01	99.00
475	16	L.O.I. %: Loss on ignition	FURNACE	0.01	99.00
540	16	Total %	CALCULATION	0.01	N/A



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To: ION OIL COMPANY OF CALIFORNIA
UNION GEOTHERMAL DIVISION
3576 UNOCAL PLACE, P.O. BOX 6854
SANTA ROSA, CALIFORNIA
95406

Project:
Comments: ATTN: DANIEL CARRIER

Page No:
Tot. Pages: 1
Date: 29-SEP-88
Invoice #: I-8824092
P.O. #: 480926

CERTIFICATE OF ANALYSIS A8824092

SAMPLE DESCRIPTION	PREP CODE		SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MgO	CaO	Na ₂ O	K ₂ O	TiO ₂	P ₂ O ₅	MnO	BaO	LOI	TOTAL
			%	%	%	%	%	%	%	%	%	%	%	%	%
31-3180	217	232	55.77	17.60	7.81	4.02	7.89	3.95	1.10	0.93	0.22	0.12	0.04	1.84	101.30
31-3660	217	232	55.19	18.05	7.97	3.72	8.19	3.60	0.78	1.00	0.29	0.12	0.05	1.65	100.60
31-4300	217	232	64.16	15.76	4.16	1.49	3.79	4.65	2.26	0.60	0.22	0.09	0.09	1.66	98.94
31-4510	217	232	51.56	17.50	9.77	5.21	9.15	3.30	0.67	1.14	0.24	0.14	0.04	1.83	100.55
31-4600	217	232	50.37	17.91	9.10	4.94	9.31	3.66	0.38	1.18	0.28	0.14	0.04	2.31	99.63
31-4780	217	232	50.38	17.11	9.66	5.56	9.14	3.78	0.53	1.42	0.35	0.15	0.03	1.91	100.05
31-4960	217	232	49.32	17.98	10.15	3.27	10.13	3.48	0.12	1.13	0.24	0.15	0.03	3.02	99.03
31-5020	217	232	54.38	18.64	7.90	3.65	7.12	3.54	0.73	1.05	0.29	0.12	0.05	2.99	100.45
31-5160	217	232	72.22	14.54	2.31	0.45	1.24	4.76	4.44	0.37	0.11	0.02	0.09	0.80	101.35
31-5320	217	232	55.61	17.03	6.61	3.88	8.60	3.04	1.04	0.52	0.14	0.10	0.03	2.48	99.09
31-6280	217	232	51.07	18.59	8.45	5.64	9.09	3.62	0.56	0.90	0.25	0.13	0.03	1.72	100.05
31-6540	217	232	50.51	19.16	8.72	4.34	9.45	3.52	0.20	1.03	0.22	0.13	0.03	1.64	98.96
31-6940	217	232	49.31	18.00	9.38	6.10	9.04	3.40	0.46	1.14	0.29	0.16	0.03	1.50	98.82
31-7240	217	232	48.94	19.83	8.58	5.29	9.87	3.24	0.07	0.94	0.17	0.14	0.02	1.46	98.56
31-7600	217	232	49.49	17.87	9.17	6.17	8.82	3.42	< 0.01	1.08	0.24	0.15	0.06	1.43	97.92
31-8090	217	232	51.10	18.29	9.33	5.58	8.66	3.89	0.19	1.06	0.32	0.14	0.04	0.45	99.06

CERTIFICATION:

B. Carrier



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 PHONE (702) 356-5195

ON OIL COMPANY OF CALIFORNIA
 ON GEOTHERMAL DIVISION
 3576 UNOCAL PLACE, P.O. BOX 6854
 SANTA ROSA, CALIFORNIA
 95406

Project :
 Comments: ATTN: DANIEL CARRIER

Page N
 Tot. Pages
 Date : 29-SEP-88
 Invoice # : I-8824092
 P.O. # : 480926

CERTIFICATE OF ANALYSIS A8824092

SAMPLE DESCRIPTION	PREP CODE		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	BaO	LOI	TOTAL
			%	%	%	%	%	%	%	%	%	%	%	%	%
31-3180	217	232	55.77	17.60	7.81	4.02	7.89	3.95	1.10	0.93	0.22	0.12	0.04	1.84	101.30
31-3660	217	232	55.19	18.05	7.97	3.72	8.19	3.60	0.78	1.00	0.29	0.12	0.05	1.65	100.60
31-4300	217	232	64.16	15.76	4.16	1.49	3.79	4.65	2.26	0.60	0.22	0.09	0.09	1.66	98.94
31-4510	217	232	51.56	17.50	9.77	5.21	9.15	3.30	0.67	1.14	0.24	0.14	0.04	1.83	100.55
31-4600	217	232	50.37	17.91	9.10	4.94	9.31	3.66	0.38	1.18	0.28	0.14	0.04	2.31	99.63
31-4780	217	232	50.38	17.11	9.66	5.56	9.14	3.78	0.53	1.42	0.35	0.15	0.03	1.91	100.05
31-4960	217	232	49.32	17.98	10.15	3.27	10.13	3.48	0.12	1.13	0.24	0.15	0.03	3.02	99.03
31-5020	217	232	54.38	18.64	7.90	3.65	7.12	3.54	0.73	1.05	0.29	0.12	0.05	2.99	100.45
31-5160	217	232	72.22	14.54	2.31	0.45	1.24	4.76	4.44	0.37	0.11	0.02	0.09	0.80	101.35
31-5320	217	232	55.61	17.03	6.61	3.88	8.60	3.04	1.04	0.52	0.14	0.10	0.03	2.48	99.09
31-6280	217	232	51.07	18.59	8.45	5.64	9.09	3.62	0.56	0.90	0.25	0.13	0.03	1.72	100.05
31-6540	217	232	50.51	19.16	8.72	4.34	9.45	3.52	0.20	1.03	0.22	0.13	0.03	1.64	98.96
31-6940	217	232	49.31	18.00	9.38	6.10	9.04	3.40	0.46	1.14	0.29	0.16	0.03	1.50	98.82
31-7240	217	232	48.94	19.83	8.58	5.29	9.87	3.24	0.07	0.94	0.17	0.14	0.02	1.46	98.56
31-7600	217	232	49.49	17.87	9.17	6.17	8.82	3.42	< 0.01	1.08	0.24	0.15	0.06	1.43	97.92
31-8090	217	232	51.10	18.29	9.33	5.58	8.66	3.89	0.19	1.06	0.32	0.14	0.04	0.45	99.06

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TO: UNION OIL COMPANY OF CALIFORNIA
UNION GEOTHERMAL DIVISION
3576 UNOCAL PLACE, P.O. BOX 6854
SANTA ROSA, CALIFORNIA
95406

A8824092

Comments: ATTN: DANIEL CARRIER

CERTIFICATE A8824092

UNION OIL COMPANY OF CALIFORNIA

PROJECT :

P. O. # : 4880216

Samples submitted to our lab in Sparks, NV.
This report was printed on 29-SEP-88.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
217	16	Geochem: Ring only, no crush/split
232	16	Total ICP digestion

* NOTE 1:

Code 1000 is used for repeat gold analyses. It shows typical sample variability due to coarse gold effects. Each value is correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
592	16	SiO ₂ %: Whole rock	ICP-AES	0.01	99.00
594	16	Al ₂ O ₃ %: Whole rock	ICP-AES	0.01	99.00
586	16	Fe ₂ O ₃ (total) %: Whole rock	ICP-AES	0.01	99.00
593	16	MgO %: Whole rock	ICP-AES	0.01	99.00
588	16	CaO %: Whole rock	ICP-AES	0.01	99.00
599	16	Na ₂ O %: Whole rock	ICP-AES	0.01	99.00
821	16	K ₂ O %: Whole rock	ICP-AES	0.01	99.0
595	16	TiO ₂ %: Whole rock	ICP-AES	0.01	99.00
597	16	P ₂ O ₅ %: Whole rock	ICP-AES	0.01	99.00
596	16	MnO %: Whole rock	ICP-AES	0.01	99.00
542	16	BaO %: Whole rock	ICP-AES	0.01	99.00
475	16	L.O.I. %: Loss on ignition	FURNACE	0.01	99.00
540	16	Total %	CALCULATION	0.01	N/A



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95406

*** INVOICE NUMBER 18829139 ***

BILLING INFORMATION

Date : 4-JAN-89
Project :
P.O. # : 480926
Account : CDN

Comments: AFE #480926

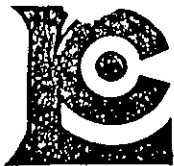
Billing : For analysis performed on
Certificate A8829139

Terms : Net payment in 30 Days
1.5% per month (18% per annum)
charged on overdue accounts.

Please remit payments to:

CHEMEX LABS, INC.
994 West Glendale Ave.,
Suite 7, Sparks, Nevada,
U.S.A. 89431

CHEMEX CODE	ANALYSIS DESCRIPTION	SAMPLES ANALYZED	UNIT PRICE	AMOUNT
G12 -	A-12 W.R.A.	33	16.00	528.00
Sample preparation and other charges :				
205 -	Rock Geochem - RING	1	3.00	3.00
232 -	Total ICP digestion	1	0.00	0.00
217 -	Geochem - RING ONLY	24	2.50	60.00
232 -	Total ICP digestion	24	0.00	0.00
218 -	Pulverize only -no crush	8	3.25	26.00
232 -	Total ICP digestion	8	0.00	0.00
Total Cost \$				617.00
TOTAL PAYABLE (U.S.) \$				617.00



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A8829139

Comments: ATTN: DANIEL L. CARRIER

CERTIFICATE A8829139

UNION OIL COMPANY OF CALIFORNIA
PROJECT :
P.O. # : 480926

Samples submitted to our lab in Sparks, NV.
This report was printed on 4-JAN-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Rock Geochem: Crush,split,ring
217	24	Geochem:Ring only,no crush/split
218	8	Pulverize only - no crush/split
232	33	Total ICP digestion

* NOTE 1:

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to
coarse gold effects. Each value is
correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
592	33	SiO2 %: Whole rock	ICP-AES	0.01	99.00
594	33	Al2O3 %: Whole rock	ICP-AES	0.01	99.00
586	33	Fe2O3(total) %: Whole rock	ICP-AES	0.01	99.00
593	33	MgO %: Whole rock	ICP-AES	0.01	99.00
588	33	CaO %: Whole rock	ICP-AES	0.01	99.00
599	33	Na2O %: Whole rock	ICP-AES	0.01	99.00
821	33	K2O %: Whole rock	ICP-AES	0.01	99.0
595	33	TiO2 %: Whole rock	ICP-AES	0.01	99.00
597	33	P2O5 %: Whole rock	ICP-AES	0.01	99.00
596	33	MnO %: Whole rock	ICP-AES	0.01	99.00
542	33	BaO %: Whole rock	ICP-AES	0.01	99.00
475	33	L.O.I. %: Loss on ignition	FURNACE	0.01	99.00
540	33	Total %	CALCULATION	0.01	N/A



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Project :
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CERTIFICATE OF ANALYSIS A8829139

SAMPLE DESCRIPTION	PREP CODE		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	BaO	LOI	TOTAL
			%	%	%	%	%	%	%	%	%	%	%	%	%
6-1090-00	217	232	65.17	15.17	5.37	2.03	3.96	4.02	3.63	0.68	0.19	0.08	0.06	< 0.01	100.35
6-2020-30	217	232	65.91	15.31	5.09	1.28	3.20	4.88	3.31	0.77	0.28	0.08	0.07	0.86	101.05
6-4630-40	217	232	52.79	15.13	9.85	2.81	6.58	4.24	2.03	1.56	0.48	0.17	0.06	2.73	98.44
6-5010-20	218	232	58.70	16.59	6.51	2.36	6.73	4.35	1.74	0.99	0.31	0.13	0.05	1.84	100.30
6-5220-30	218	232	54.33	17.77	7.24	3.51	7.65	3.95	1.90	0.96	0.25	0.12	0.04	1.72	99.45
6-5560-70	218	232	61.59	16.73	5.40	1.74	4.69	5.54	2.17	0.82	0.22	0.12	0.06	1.26	100.35
6-6110-20	218	232	52.49	16.52	9.88	3.66	7.40	4.46	0.81	1.43	0.35	0.16	0.04	1.33	98.54
6-6360-70	218	232	50.51	16.48	10.12	5.60	9.18	3.45	0.89	1.47	0.43	0.17	0.03	1.28	99.62
6-6650-60	218	232	76.18	12.79	1.38	0.16	0.56	4.02	4.44	0.09	0.06	0.02	0.01	0.37	100.10
6-7010-20	218	232	76.07	13.21	1.27	0.20	0.65	4.20	4.29	0.10	0.05	0.01	0.01	0.38	100.45
6-7430-40	218	232	50.09	17.45	9.47	6.18	8.64	3.47	0.73	1.07	0.26	0.12	0.02	1.33	98.84
8-200-20	217	232	50.92	17.54	9.76	5.32	9.23	3.56	0.86	1.10	0.23	0.15	0.02	0.05	98.75
8-420-40	217	232	50.40	17.17	9.61	5.25	9.07	3.53	0.91	1.13	0.24	0.15	0.02	1.63	99.12
8-1000-20	217	232	55.65	17.30	7.48	3.70	6.66	3.80	1.57	0.94	0.33	0.12	0.05	1.53	99.14
8-1280-00	217	232	55.96	16.87	7.36	3.25	6.77	4.13	2.10	0.90	0.36	0.15	0.05	0.97	98.88
8-1380-00	217	232	51.13	16.89	9.64	4.14	7.54	4.10	1.07	1.21	0.35	0.13	0.03	2.60	98.84
8-1740-60	217	232	70.50	14.10	3.49	0.35	1.81	4.35	4.89	0.54	0.24	0.04	0.07	0.52	100.95
8-3140-60	217	232	51.70	16.95	9.16	3.39	7.92	3.43	1.63	1.07	0.40	0.16	0.04	3.25	99.11
8-3940-60	217	232	56.28	17.20	8.10	3.16	6.91	4.10	2.12	0.99	0.39	0.13	0.04	1.04	100.45
8-4860-80	217	232	60.32	16.43	6.48	1.88	5.02	4.76	2.49	0.95	0.48	0.13	0.06	1.10	100.10
8-5560-80	217	232	67.90	14.75	4.03	0.81	2.20	4.53	3.50	0.46	0.13	0.05	0.08	0.81	99.26
8-7410-20	217	232	61.24	15.74	6.00	1.95	4.47	4.61	2.48	0.88	0.26	0.08	0.07	1.07	98.86
8-7050-60	217	232	73.40	12.94	2.75	0.88	1.80	2.67	3.68	0.19	0.11	0.05	0.01	1.00	99.49
17-1010-20	217	232	57.37	17.72	7.27	3.52	6.78	3.97	1.52	0.96	0.35	0.12	0.05	1.51	101.15
17-1200-10	217	232	54.95	17.45	7.26	3.00	6.37	3.86	1.52	0.96	0.37	0.11	0.05	2.72	98.63
17-1310-20	217	232	53.22	16.06	8.26	2.45	4.91	3.65	1.03	1.37	0.45	0.13	0.04	6.86	98.44
17-1600-10	217	232	48.22	16.32	9.74	4.23	8.02	3.60	0.91	1.31	0.33	0.16	0.03	2.50	95.38
17-2100-20	217	232	49.27	16.79	9.78	4.26	8.17	3.74	0.85	1.29	0.31	0.16	0.03	3.03	97.69
17-4300-10	217	232	63.62	15.69	4.21	1.57	3.85	4.57	2.30	0.58	0.25	0.09	0.08	1.50	98.32
17-5160-70	217	232	72.35	14.54	2.41	0.32	1.21	4.77	4.53	0.35	0.10	0.02	0.09	0.68	101.40
17-6940-50	217	232	49.15	17.85	9.20	5.91	8.84	3.40	0.44	1.07	0.28	0.16	0.02	1.54	97.87
17-7420-30	217	232	70.48	14.05	2.71	0.73	1.82	3.83	3.87	0.43	0.12	0.04	0.07	0.57	98.73
8-F.L.	205	232	65.95	15.25	4.67	1.61	2.99	4.55	2.60	0.72	0.21	0.06	0.09	1.12	99.83

CERTIFICATION

B. Caughlin



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95406

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Comments: ATTN: DANIEL L. CARRIER

CERTIFICATE A8829139

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PROJECT :
P.O.# : 480926

Samples submitted to our lab in Sparks, NV.
This report was printed on 4-JAN-89.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	1	Rock Geochem: Crush,split,ring
217	24	Geochem:Ring only,no crush/split
218	8	Pulverize only - no crush/split
232	33	Total ICP digestion

• NOTE 1:

Code 1000 is used for repeat gold analyses
It shows typical sample variability due to
coarse gold effects. Each value is
correct for its particular subsample.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
592	33	SiO ₂ %: Whole rock	ICP-AES	0.01	99.00
594	33	Al ₂ O ₃ %: Whole rock	ICP-AES	0.01	99.00
586	33	Fe ₂ O ₃ (total) %: Whole rock	ICP-AES	0.01	99.00
593	33	MgO %: Whole rock	ICP-AES	0.01	99.00
588	33	CaO %: Whole rock	ICP-AES	0.01	99.00
599	33	Na ₂ O %: Whole rock	ICP-AES	0.01	99.00
821	33	K ₂ O %: Whole rock	ICP-AES	0.01	99.0
595	33	TiO ₂ %: Whole rock	ICP-AES	0.01	99.00
597	33	P ₂ O ₅ %: Whole rock	ICP-AES	0.01	99.00
596	33	MnO %: Whole rock	ICP-AES	0.01	99.00
542	33	BaO %: Whole rock	ICP-AES	0.01	99.00
475	33	L.O.I. %: Loss on ignition	FURNACE	0.01	99.00
540	33	Total %	CALCULATION	0.01	N/A



Chemex Labs Inc.

Analytical Chemists * Geochemists * Registered Assayers

994 WEST GLENDALE AVE., SUITE 7, SPARKS,
NEVADA, U.S.A. 89431

PHONE (702) 356-5395

UNION OIL COMPANY OF CALIFORNIA
UNION GEOTHERMAL DIVISION
3576 UNOCAL PLACE, P.O. BOX 6854
SANTA ROSA, CALIFORNIA
95406

Project :

Comments: ATTN: DANIEL L. CARRIER

Page No. : 1
Tot. Pages: 1
Date : 4-JAN-89
Invoice # : I-8829139
P.O. # : 480926

CERTIFICATE OF ANALYSIS A8829139

SAMPLE DESCRIPTION	PREP CODE		SiO2 %	Al2O3 %	Fe2O3 %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	MnO %	BaO %	LOI %	TOTAL %
	6-1090-00	217	232	65.17	15.17	5.37	2.03	3.96	4.02	3.63	0.68	0.19	0.08	0.06	< 0.01
6-2020-30	217	232	65.91	15.31	5.09	1.28	3.20	4.88	3.31	0.77	0.28	0.08	0.07	0.86	101.05
6-4630-40	217	232	52.79	15.13	9.85	2.81	6.58	4.24	2.03	1.56	0.48	0.17	0.06	2.73	98.44
6-5010-20	218	232	58.70	16.59	6.51	2.36	6.73	4.35	1.74	0.99	0.31	0.13	0.05	1.84	100.30
6-5220-30	218	232	54.33	17.77	7.24	3.51	7.65	3.95	1.90	0.96	0.25	0.12	0.04	1.72	99.45
6-5560-70	218	232	61.59	16.73	5.40	1.74	4.69	5.54	2.17	0.82	0.22	0.12	0.06	1.26	100.35
6-6110-20	218	232	52.49	16.52	9.88	3.66	7.40	4.46	0.81	1.43	0.35	0.16	0.04	1.33	98.54
6-6360-70	218	232	50.51	16.48	10.12	5.60	9.18	3.45	0.89	1.47	0.43	0.17	0.03	1.28	99.62
6-6650-60	218	232	76.18	12.79	1.38	0.16	0.56	4.02	4.44	0.09	0.06	0.02	0.01	0.37	100.10
6-7010-20	218	232	76.07	13.21	1.27	0.20	0.65	4.20	4.29	0.10	0.05	0.01	0.01	0.38	100.45
6-7430-40	218	232	50.09	17.45	9.47	6.18	8.64	3.47	0.73	1.07	0.26	0.12	0.02	1.33	98.84
8-200-20	217	232	50.92	17.54	9.76	5.32	9.23	3.56	0.86	1.10	0.23	0.15	0.02	0.05	98.75
8-420-40	217	232	50.40	17.17	9.61	5.25	9.07	3.53	0.91	1.13	0.24	0.15	0.02	1.63	99.12
8-1000-20	217	232	55.65	17.30	7.48	3.70	6.66	3.80	1.57	0.94	0.33	0.12	0.05	1.53	99.14
8-1280-00	217	232	55.96	16.87	7.36	3.25	6.77	4.13	2.10	0.90	0.36	0.15	0.05	0.97	98.88
8-1380-00	217	232	51.13	16.89	9.64	4.14	7.54	4.10	1.07	1.21	0.35	0.13	0.03	2.60	98.84
8-1740-60	217	232	70.50	14.10	3.49	0.35	1.81	4.35	4.89	0.54	0.24	0.04	0.07	0.52	100.95
8-3140-60	217	232	51.70	16.95	9.16	3.39	7.92	3.43	1.63	1.07	0.40	0.16	0.04	3.25	99.11
8-3940-60	217	232	56.28	17.20	8.10	3.16	6.91	4.10	2.12	0.99	0.39	0.13	0.04	1.04	100.45
8-4860-80	217	232	60.32	16.43	6.48	1.88	5.02	4.76	2.49	0.95	0.48	0.13	0.06	1.10	100.10
8-5560-80	217	232	67.90	14.75	4.03	0.81	2.20	4.53	3.50	0.46	0.13	0.05	0.08	0.81	99.26
8-7410-20	217	232	61.24	15.74	6.00	1.95	4.47	4.61	2.48	0.88	0.26	0.08	0.07	1.07	98.86
8-7050-60	217	232	73.40	12.94	2.75	0.88	1.80	2.67	3.68	0.19	0.11	0.05	0.01	1.00	99.49
17-1010-20	217	232	57.37	17.72	7.27	3.52	6.78	3.97	1.52	0.96	0.35	0.12	0.05	1.51	101.15
17-1200-10	217	232	54.95	17.45	7.26	3.00	6.37	3.86	1.52	0.96	0.37	0.11	0.05	2.72	98.63
17-1310-20	217	232	53.22	16.06	8.26	2.45	4.91	3.65	1.03	1.37	0.45	0.13	0.04	6.86	98.44
17-1600-10	217	232	48.22	16.32	9.74	4.23	8.02	3.60	0.91	1.31	0.33	0.16	0.03	2.50	95.38
17-2100-20	217	232	49.27	16.79	9.78	4.26	8.17	3.74	0.85	1.29	0.31	0.16	0.03	3.03	97.69
17-4300-10	217	232	63.62	15.69	4.21	1.57	3.85	4.57	2.30	0.58	0.25	0.09	0.08	1.50	98.32
17-5160-70	217	232	72.35	14.54	2.41	0.32	1.21	4.77	4.53	0.35	0.10	0.02	0.09	0.68	101.40
17-6940-50	217	232	49.15	17.85	9.20	5.91	8.84	3.40	0.44	1.07	0.28	0.16	0.02	1.54	97.87
17-7420-30	217	232	70.48	14.05	2.71	0.73	1.82	3.83	3.87	0.43	0.12	0.04	0.07	0.57	98.73
8-F.L.	205	232	65.95	15.25	4.67	1.61	2.99	4.55	2.60	0.72	0.21	0.06	0.09	1.12	99.83

CERTIFICATION

B. Carpin