



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

112 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178, 95, 99, 8262, 8304

Comments: ATTN: ROB MOWER

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Date : 16-APR-89

Invoice #: I-8913882

P.O. #: NONE

860617

CERTIFICATE OF ANALYSIS A8913882

SAMPLE DESCRIPTION	PREP CODE	Mb ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
07-2232	214 232	< 1	150	118	160	50	< 2	< 0.5	34	109	280	5.34	795	266	3.66
07-3242	214 232	< 1	180	118	220	6	6	< 0.5	33	123	210	4.34	765	323	3.75
07-4252	214 232	< 3	80	78	210	10	6	< 0.5	33	83	140	5.71	785	296	3.56
07-5262	214 232	< 1	< 10	76	100	< 2	< 2	< 0.5	47	133	270	5.09	960	471	6.20
07-6272	214 232	< 1	10	68	90	< 2	< 2	< 0.5	52	182	200	5.46	1005	591	6.72
07-7282	214 232	< 1	90	78	150	< 2	10	< 0.5	39	92	410	5.88	735	246	4.47
07-8292	214 232	< 1	80	144	210	12	6	< 0.5	38	105	220	4.83	730	239	3.99
07-92102	214 232	< 1	20	122	160	10	< 2	< 0.5	45	215	260	4.72	825	454	5.66
07-102112	214 232	< 1	30	108	250	10	6	< 0.5	36	96	460	5.35	765	314	3.68
07-112122	214 232	< 1	110	86	210	< 2	10	< 0.5	31	104	540	4.28	605	286	3.50
07-122132	214 232	< 1	< 40	118	130	< 2	< 2	< 0.5	46	182	540	7.20	660	532	5.99
07-132142	214 232	< 1	< 10	78	110	< 2	< 2	< 0.5	51	228	680	6.17	790	489	6.39
07-142152	214 232	< 1	10	86	170	< 2	< 2	< 0.5	41	125	510	6.13	685	411	5.33
07-152162	214 232	< 1	50	78	140	< 2	44	< 0.5	59	245	190	13.15	505	673	7.07
07-162172	214 232	< 1	20	62	150	< 2	< 2	< 0.5	43	116	460	5.79	765	333	5.12
07-172182	214 232	< 1	10	54	190	< 2	2	< 0.5	38	152	390	5.03	640	326	4.54
07-182192	214 232	1	20	52	260	< 2	2	< 0.5	34	101	280	4.66	690	267	4.12
07-192202	214 232	< 1	10	74	160	< 2	< 2	< 0.5	41	112	250	5.96	810	344	5.42
07-202212	214 232	< 1	< 10	64	180	< 2	< 2	< 0.5	40	77	190	5.45	785	307	4.23
07-212222	214 232	< 1	20	76	350	< 2	8	< 0.5	28	89	280	5.22	640	180	3.11
07-222232	214 232	< 1	30	64	130	< 2	< 2	< 0.5	39	97	360	5.21	900	333	4.93
07-232242	214 232	< 1	10	50	90	< 2	< 2	< 0.5	47	199	310	5.09	830	512	6.36
07-242252	214 232	< 1	30	48	90	< 2	< 2	< 0.5	34	107	400	5.12	665	264	4.91
07-252262	214 232	< 1	70	74	90	< 2	< 2	< 0.5	36	110	480	5.93	695	305	4.70
07-262272	214 232	< 1	80	56	110	< 2	4	< 0.5	30	66	150	5.13	685	203	3.59
07-272282	214 232	< 1	180	98	70	< 6	< 2	< 0.5	48	203	270	5.42	930	575	6.59
07-282292	214 232	< 1	70	68	130	< 2	< 2	< 0.5	38	99	370	5.19	960	376	4.79
07-292302	214 232	< 1	50	54	180	< 2	6	< 0.5	37	70	220	5.60	895	286	4.30
07-302312	214 232	< 1	30	68	60	< 2	< 2	< 0.5	56	155	370	7.11	920	641	6.60
07-312322	214 232	< 1	10	62	40	< 2	< 2	< 0.5	54	184	290	6.56	935	706	7.08
07-322332	214 232	< 1	50	76	70	< 2	< 2	< 0.5	42	138	230	4.79	790	548	5.76
07-332342	214 232	< 1	30	54	120	< 2	< 2	< 0.5	41	131	250	4.70	870	472	4.92
07-342352	214 232	< 1	10	66	140	< 2	< 2	< 0.5	37	74	300	4.68	910	320	4.56
07-352362	214 232	< 1	40	62	140	< 2	10	< 0.5	30	69	410	4.07	615	190	3.26
08-1222	214 232	< 1	170	90	100	120	< 2	< 0.5	40	142	540	4.95	795	416	5.07
08-2232	214 232	< 1	30	52	100	< 2	< 2	< 0.5	34	91	590	4.60	790	320	4.27
08-3242	214 232	< 1	30	48	150	< 2	< 2	< 0.5	30	100	570	3.68	580	322	3.74
08-4252	214 232	< 1	< 10	68	70	< 2	< 2	< 0.5	40	95	720	4.79	965	432	5.31
08-5262	214 232	< 1	< 10	146	40	< 2	< 2	< 0.5	50	221	700	4.58	855	590	7.27
08-6272	214 232	< 1	20	50	90	< 2	< 2	< 0.5	34	75	670	4.65	730	208	3.98

CERTIFICATION : B. Coughlin



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SAMPLE DESCRIPTION	PREP CODE	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
07-2232	214 232	178	6.66	2.0	4.12	89	< 0.5	0.11	75	2.57	0.05				
07-3242	214 232	123	6.12	1.5	4.08	90	< 0.5	0.10	77	2.52	0.07				
07-4252	214 232	158	6.52	1.0	3.85	62	< 0.5	0.11	65	2.82	0.04				
07-5262	214 232	185	6.21	1.5	4.50	83	< 0.5	0.08	55	2.26	< 0.01				
07-6272	214 232	188	6.02	1.0	4.73	72	< 0.5	0.08	61	2.08	0.01				
07-7282	214 232	186	6.67	2.0	3.91	215	< 0.5	0.11	44	1.06	0.71				
07-8292	214 232	192	7.09	0.5	4.12	51	< 0.5	0.10	76	2.87	0.04				
07-92102	214 232	158	6.17	2.0	3.85	29	< 0.5	0.10	64	2.12	0.04				
07-102112	214 232	164	6.25	1.5	4.16	56	< 0.5	0.25	69	2.57	0.04				
07-112122	214 232	101	6.03	1.0	2.81	42	< 0.5	0.11	71	2.87	0.05				
07-122132	214 232	192	6.28	5.5	1.95	237	< 1.0	0.09	36	0.86	0.22				
07-132142	214 232	201	6.19	4.0	3.14	106	< 0.5	0.09	44	1.48	0.11				
07-142152	214 232	158	6.63	< 0.5	2.89	110	< 0.5	0.09	43	1.37	0.27				
07-152162	214 232	204	6.70	< 0.5	1.23	973	< 0.5	0.08	27	0.67	0.12				
07-162172	214 232	231	6.59	< 0.5	3.88	94	< 0.5	0.16	55	1.91	0.05				
07-172182	214 232	150	6.31	< 0.5	3.75	61	< 0.5	0.11	64	1.97	0.11				
07-182192	214 232	171	6.67	< 0.5	4.10	59	< 0.5	0.15	69	2.60	0.10				
07-192202	214 232	198	7.17	< 0.5	3.41	72	< 0.5	0.21	53	2.35	0.14				
07-202212	214 232	288	6.44	< 0.5	4.66	25	< 0.5	0.24	63	2.38	0.05				
07-212222	214 232	92	6.36	0.5	2.88	48	> 0.5	0.30	45	2.85	0.05				
07-222232	214 232	182	6.68	< 0.5	4.81	35	< 0.5	0.21	75	2.66	0.09				
07-232242	214 232	182	5.95	< 0.5	4.58	23	< 0.5	0.10	67	2.06	0.05				
07-242252	214 232	168	5.72	< 0.5	5.38	75	< 0.5	0.09	66	1.78	0.09				
07-252262	214 232	176	6.23	< 0.5	3.16	80	< 0.5	0.11	52	1.75	0.26				
07-262272	214 232	195	5.91	< 0.5	3.61	37	> 0.5	0.13	64	2.02	0.34				
07-272282	214 232	170	5.81	< 0.5	5.14	91	< 0.5	0.11	67	2.15	0.07				
07-282292	214 232	181	6.67	< 0.5	5.27	49	< 0.5	0.23	70	3.25	0.05				
07-292302	214 232	204	6.95	< 0.5	4.67	27	< 0.5	0.29	87	2.97	0.09				
07-302312	214 232	187	6.36	< 0.5	6.19	50	< 0.5	0.12	127	1.62	0.05				
07-312322	214 232	189	6.32	< 0.5	5.67	21	> 0.5	0.10	106	1.29	0.03				
07-322332	214 232	158	6.18	< 0.5	4.39	40	< 0.5	0.08	75	2.52	0.12				
07-332342	214 232	168	6.10	< 0.5	6.56	20	< 0.5	0.13	69	2.30	0.08				
07-342352	214 232	180	7.12	< 0.5	4.66	21	< 0.5	0.22	58	3.80	0.12				
07-352362	214 232	164	6.57	< 0.5	3.91	39	< 0.5	0.11	63	3.91	0.11				
08-1222	214 232	165	5.95	< 0.5	3.00	154	> 0.5	0.10	72	2.65	0.03				
08-2232	214 232	159	6.41	< 0.5	4.25	36	< 0.5	0.10	74	3.08	0.03				
08-3242	214 232	120	5.89	< 0.5	3.29	30	< 0.5	0.11	74	2.89	0.03				
08-4252	214 232	173	6.02	< 0.5	4.32	53	< 0.5	0.09	67	2.60	< 0.01				
08-5262	214 232	146	5.48	< 0.5	4.62	16	< 0.5	0.08	68	1.91	0.01				
08-6272	214 232	177	6.57	< 0.5	4.24	47	> 0.5	0.11	82	2.07	0.18				

CERTIFICATION :

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08-7282	214 232	< 1	40	66	120	< 2	< 2	< 0.5	33	82	910	4.37	675	241	3.84
08-8292	214 232	< 1	30	48	160	< 2	< 2	< 0.5	37	95	770	4.91	805	323	4.30
08-92102	214 232	< 1	170	62	190	< 2	6	< 0.5	23	74	300	3.78	500	210	2.63
08-102112	214 232	< 1	90	62	270	< 2	< 2	< 0.5	36	95	460	4.81	795	315	4.06
08-112122	214 232	1	200	86	80	< 2	< 2	< 0.5	41	156	80	7.02	630	471	5.68
08-122132	214 232	< 1	100	96	210	< 2	114	< 0.5	37	142	570	11.95	550	488	7.33
08-132142	214 232	< 1	90	72	< 10	< 2	< 2	< 0.5	54	269	170	13.10	390	665	8.97
08-142152	214 232	< 1	110	78	60	< 2	52	< 0.5	37	195	540	14.10	575	365	7.87
08-152162	214 232	< 1	50	52	10	< 2	< 2	1.5	66	401	250	6.99	720	636	9.30
08-192202	214 232	< 1	80	86	100	< 2	4	< 0.5	45	210	210	5.50	835	515	5.77
08-202212	214 232	< 1	30	56	110	< 2	2	< 0.5	47	194	340	5.65	825	507	5.88
08-212222	214 232	< 1	< 10	56	70	< 2	< 2	< 0.5	51	209	310	5.19	850	568	7.49
08-252262	214 232	< 1	20	54	110	< 2	< 2	< 0.5	41	172	300	4.75	780	337	5.40
08-342352	214 232	< 1	< 10	64	60	< 2	< 2	< 0.5	46	135	140	4.84	990	953	7.42
08-352362	214 232	< 1	30	54	110	< 2	< 2	< 0.5	39	115	250	5.26	810	402	5.24
08-362372	214 232	< 1	20	60	120	< 2	< 2	< 0.5	41	98	250	4.75	870	358	5.20
08-372382	214 232	< 1	10	62	80	< 2	< 2	< 0.5	46	173	290	5.37	990	510	6.12
08-382392	214 232	1	20	74	130	< 2	10	< 0.5	36	91	340	5.36	840	258	3.96
08-392402	214 232	1	10	76	60	< 2	< 2	< 0.5	38	112	360	5.55	860	361	4.64
08-402412	214 232	1	10	66	10	< 2	4	< 0.5	38	140	250	5.76	660	263	4.64
08-412422	214 232	1	10	58	< 10	< 2	< 2	< 0.5	42	219	480	6.20	670	328	5.55
08-422432	214 232	1	20	76	< 10	< 2	< 2	< 0.5	45	233	370	6.37	715	468	6.55
08-432442	214 232	1	10	72	< 10	< 2	< 2	< 0.5	51	325	350	6.91	690	494	7.17
08-442452	214 232	< 1	10	52	< 10	< 2	< 2	< 0.5	42	179	240	5.10	875	409	5.51
08-452462	214 232	< 1	60	68	< 10	< 2	< 2	< 0.5	30	94	360	4.66	720	211	3.80
08-462472	214 232	< 2	90	84	< 10	< 2	< 2	< 0.5	34	99	350	4.61	730	221	3.93
08-472482	214 232	< 1	30	88	< 10	< 2	< 2	< 0.5	38	132	260	4.58	765	407	4.97
08-482492	214 232	< 1	30	100	< 10	< 2	< 2	< 0.5	55	376	380	5.25	1030	917	8.25
09-1121	214 232	< 2	160	162	20	< 2	< 2	< 0.5	40	164	340	5.34	870	325	4.66
09-2131	214 232	< 1	70	74	< 10	< 2	< 2	0.5	39	156	640	4.56	795	399	5.05
09-3141	214 232	< 2	1050	250	< 20	< 2	< 2	< 0.5	38	211	440	4.76	790	336	4.43
09-4151	214 232	< 1	80	68	< 10	< 2	< 2	< 0.5	50	277	490	4.76	775	656	7.36
09-5161	214 232	6	7280	1920	340	< 10	< 2	20.0	67	835	720	6.71	1070	419	4.87
09-6171	214 232	1	1090	250	230	< 2	< 2	< 0.5	42	197	420	5.95	945	327	4.56
09-7181	214 232	1	470	126	60	< 2	4	< 0.5	31	132	260	4.75	600	227	3.14
09-8191	214 232	< 1	770	206	< 10	< 2	< 2	< 0.5	50	236	360	5.42	875	551	6.03
09-91101	214 232	4	140	104	< 10	< 2	< 2	< 0.5	39	198	230	4.85	830	513	5.07
09-101111	214 232	1	250	98	< 10	< 2	< 2	< 0.5	49	243	570	5.21	830	628	6.01
09-111121	214 232	< 2	60	64	< 40	< 2	< 2	< 0.5	38	157	330	4.80	750	423	4.36
09-121131	214 232	< 1	70	90	< 10	4	< 2	< 0.5	56	276	400	5.35	1075	864	7.95

CERTIFICATION :

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08-7282	214	232	189	6.96	< 0.5	4.77	22	< 0.5	0.11	114	2.78	0.02				
08-8292	214	232	203	6.61	< 0.5	4.28	10	< 0.5	0.21	85	3.13	0.03				
08-92102	214	232	79	6.35	< 0.5	3.01	40	< 0.5	0.12	95	3.44	0.09				
08-102112	214	232	146	6.49	< 0.5	4.17	26	< 0.5	0.34	71	3.38	0.01				
08-112122	214	232	177	6.17	< 0.5	2.59	505	< 0.5	0.09	40	1.32	0.17				
08-122132	214	232	243	7.02	< 0.5	0.66	1025	1.0	0.14	19	0.52	< 0.02				
08-132142	214	232	242	7.31	< 0.5	0.17	909	1.0	0.07	12	0.43	< 0.01				
08-142152	214	232	256	8.05	< 0.5	0.34	1220	1.0	0.08	24	0.55	< 0.01				
08-152162	214	232	110	4.35	< 0.5	4.96	509	< 0.5	0.04	41	0.90	0.03				
08-192202	214	232	141	5.08	< 0.5	5.51	134	< 0.5	0.09	51	1.28	0.15				
08-202212	214	232	164	5.87	< 0.5	5.16	74	< 0.5	0.11	46	1.85	0.02				
08-212222	214	232	180	6.03	< 0.5	4.14	15	< 0.5	0.09	57	2.33	0.04				
08-252262	214	232	164	6.20	< 0.5	3.60	13	< 0.5	0.10	67	2.20	0.06				
08-342352	214	232	157	5.36	< 0.5	5.58	71	< 0.5	0.13	48	2.24	0.08				
08-352362	214	232	196	6.60	< 0.5	4.92	74	< 0.5	0.18	67	3.35	0.06				
08-362372	214	232	173	6.39	< 0.5	5.82	31	< 0.5	0.13	73	3.05	0.10				
08-372382	214	232	190	6.18	< 0.5	4.31	24	< 0.5	0.14	57	2.95	0.07				
08-382392	214	232	196	6.71	< 0.5	4.28	43	< 0.5	0.11	56	3.39	0.03				
08-392402	214	232	246	7.69	0.5	7.97	63	< 0.5	0.19	66	1.64	0.04				
08-402412	214	232	194	6.66	0.5	4.12	155	< 0.5	0.11	77	2.40	0.02				
08-412422	214	232	193	7.14	< 0.5	4.25	203	< 0.5	0.10	78	2.36	0.03				
08-422432	214	232	171	6.56	< 0.5	3.02	213	< 0.5	0.09	67	2.48	0.03				
08-432442	214	232	155	5.81	< 0.5	3.25	374	< 0.5	0.08	49	1.85	0.05				
08-442452	214	232	176	6.29	< 0.5	4.58	132	< 0.5	0.10	54	2.63	0.05				
08-452462	214	232	200	7.01	< 0.5	4.18	65	< 0.5	0.14	48	3.67	0.05				
08-462472	214	232	200	6.81	< 0.5	4.22	65	< 0.5	0.10	80	3.40	0.05				
08-472482	214	232	174	6.28	< 0.5	3.84	67	< 0.5	0.10	70	2.86	0.03				
08-482492	214	232	160	5.71	< 0.5	4.00	43	< 0.5	0.08	54	2.04	< 0.01				
09-1121	214	232	205	6.74	< 0.5	3.62	133	< 0.5	0.12	55	3.16	0.03				
09-2131	214	232	167	6.22	< 0.5	4.34	32	< 0.5	0.09	74	2.69	0.03				
09-3141	214	232	160	6.39	< 0.5	4.48	290	< 0.5	0.09	61	2.98	0.04				
09-4151	214	232	142	5.17	< 0.5	4.30	42	< 0.5	0.07	46	2.03	0.01				
09-5161	214	232	196	6.46	< 0.5	5.48	2680	< 0.5	0.55	98	2.50	0.03				
09-6171	214	232	211	6.89	< 0.5	4.69	298	< 0.5	0.55	81	3.04	0.05				
09-7181	214	232	149	6.26	< 0.5	3.74	140	< 0.5	0.12	76	2.91	0.06				
09-8191	214	232	191	5.75	< 0.5	4.28	180	< 0.5	0.08	66	2.38	0.06				
09-91101	214	232	136	4.86	< 0.5	4.13	78	< 0.5	0.08	43	2.31	0.01				
09-101111	214	232	173	5.50	< 0.5	4.03	80	< 0.5	0.09	46	2.43	0.01				
09-111121	214	232	139	5.72	< 0.5	3.58	37	< 0.5	0.12	59	2.96	0.06				
09-121131	214	232	183	5.41	< 0.5	4.85	52	< 0.5	0.07	38	2.13	< 0.01				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178,95,99,8262,8304

Comments: ATTN: ROB MOWER

Page No. : 3-A

Tot. Pages: 4

Date : 16-APR-89

Invoice #: I-8913882

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913882

SAMPLE DESCRIPTION	PREP CODE	Mb ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
09-131141	214 232	< 1	70	60	< 110	< 2	< 2	< 0.5	37	131	370	4.62	705	439	4.70
09-141151	214 232	1	40	66	< 10	20	< 2	< 0.5	46	257	250	5.78	750	601	6.28
09-151161	214 232	2	190	128	70	72	< 2	< 0.5	37	149	780	4.79	770	395	5.02
09-161171	214 232	1	380	176	< 110	34	< 2	< 0.5	40	176	670	5.43	840	342	4.94
09-171181	214 232	4	50	132	< 10	2	< 2	< 0.5	46	316	480	8.38	745	649	7.52
09-181191	214 232	< 1	180	136	< 10	< 2	74	< 0.5	46	371	190	13.95	530	431	7.19
09-191201	214 232	< 1	< 10	74	< 10	< 2	< 2	< 0.5	104	1260	300	9.32	780	981	15.75
09-201211	214 232	< 1	< 10	64	< 10	< 2	< 2	< 0.5	112	1290	520	6.59	705	1120	18.00
09-211221	214 232	< 1	< 10	54	< 10	< 2	< 2	< 0.5	96	1040	150	5.76	700	1110	16.30
09-221231	214 232	1	70	58	< 10	< 2	< 2	< 0.5	42	203	370	5.38	810	327	6.55
09-231241	214 232	< 1	40	40	< 70	< 2	< 2	< 0.5	33	99	360	5.27	685	166	4.20
09-241251	214 232	1	40	46	< 10	< 2	< 2	< 0.5	46	152	330	5.82	780	403	5.02
09-251261	214 232	1	10	46	< 10	< 2	< 2	< 0.5	43	208	160	5.05	755	502	5.38
09-261271	214 232	< 1	10	52	< 10	< 2	< 2	< 0.5	36	136	210	4.96	760	375	4.68
09-271281	214 232	< 1	< 10	48	< 10	< 2	< 2	< 0.5	42	156	240	5.03	870	494	6.12
09-281291	214 232	< 1	< 10	52	< 10	< 2	< 2	< 0.5	54	288	170	5.66	845	613	7.61
09-291301	214 232	< 1	20	38	20	< 2	4	< 0.5	30	68	270	4.30	605	113	3.29
09-301311	214 232	< 1	20	48	< 10	< 2	< 2	< 0.5	39	111	380	5.03	805	314	5.10
09-311321	214 232	< 1	60	46	< 30	< 2	< 2	< 0.5	32	99	190	5.04	650	187	3.79
09-321331	214 232	< 1	20	56	< 10	< 2	< 2	< 0.5	51	255	340	6.22	870	575	7.04
09-331341	214 232	< 1	< 10	48	< 10	< 2	< 2	< 0.5	54	289	310	5.78	910	690	7.74
09-341351	214 232	1	< 10	60	< 10	< 2	< 2	< 0.5	54	242	260	6.47	860	560	6.20
09-351361	214 232	1	< 10	56	< 10	< 2	< 2	< 0.5	53	345	190	5.14	880	768	8.14
09-361371	214 232	< 1	< 10	48	< 10	12	< 2	< 0.5	53	313	420	5.50	885	643	7.44
09-371381	214 232	< 1	30	58	< 10	2	< 2	< 0.5	49	335	490	6.03	730	390	6.62
09-381391	214 232	< 1	< 10	44	< 10	< 2	< 2	< 0.5	41	197	460	5.51	735	350	5.42
09-391401	214 232	< 1	< 10	62	< 10	6	< 2	< 0.5	47	283	530	5.57	795	477	6.42
10-1222	214 232	1	40	52	< 10	< 2	< 2	< 0.5	43	178	530	5.31	875	493	5.81
10-2232	214 232	2	1290	270	80	< 2	< 2	< 0.5	25	197	160	3.96	485	266	2.66
10-3242	214 232	< 1	20	46	210	< 2	< 2	< 0.5	38	101	360	5.81	1030	293	4.32
10-4252	214 232	< 1	20	36	< 10	< 2	< 2	< 0.5	38	153	340	5.05	745	407	5.14
10-5262	214 232	6	2260	1250	< 10	6	< 2	< 0.5	95	529	300	5.34	835	296	3.65
10-6272	214 232	< 1	60	40	< 10	< 2	< 2	< 0.5	31	71	340	4.96	610	146	3.38
10-7282	214 232	1	50	56	< 10	< 2	< 2	< 0.5	40	150	340	5.36	760	422	5.07
10-8292	214 232	< 1	240	78	50	< 2	6	< 0.5	26	80	290	4.39	545	195	2.63
10-92102	214 232	1	110	70	< 10	< 2	< 2	< 0.5	58	322	280	5.11	950	840	9.01
10-102112	214 232	< 1	10	44	10	< 2	< 2	< 0.5	45	177	380	4.96	835	569	6.22
10-112122	214 232	< 1	< 10	28	100	< 2	< 2	< 0.5	36	116	290	4.51	655	345	4.58
10-122132	214 232	1	70	54	60	< 2	< 2	< 0.5	29	107	260	4.09	470	363	3.66
10-132142	214 232	< 1	80	50	80	< 2	6	< 0.5	26	76	230	4.17	565	257	3.13

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
 VANCOUVER, B.C.
 V6A 1C4

Project: 8178, 95, 99, 8262, 8304
 Comments: ATTN: ROB MOWER

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CERTIFICATE OF ANALYSIS A8913882

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09-131141	214	232	156	6.05	1.0	4.07	33	< 0.5	0.10	60	2.65	0.06				
09-141151	214	232	137	5.19	1.5	3.93	115	1.0	0.07	49	1.39	0.08				
09-151161	214	232	175	5.91	1.5	4.26	87	0.5	0.15	60	2.92	0.03				
09-161171	214	232	185	6.26	2.0	4.44	132	0.5	0.16	60	2.77	0.03				
09-171181	214	232	198	6.74	< 0.5	3.32	495	0.5	0.09	49	1.26	< 0.01				
09-181191	214	232	186	6.00	< 0.5	1.74	1565	1.0	0.08	30	0.64	< 0.01				
09-191201	214	232	43	1.25	< 0.5	2.19	1275	1.0	0.02	18	0.35	< 0.01				
09-201211	214	232	43	1.38	< 0.5	1.07	240	< 0.5	0.01	16	0.48	< 0.01				
09-211221	214	232	39	1.23	< 0.5	2.31	216	< 0.5	0.01	18	0.35	< 0.01				
09-221231	214	232	166	6.41	< 0.5	7.36	110	< 0.5	0.23	48	1.50	0.01				
09-231241	214	232	212	6.91	< 0.5	6.29	67	< 0.5	0.31	88	2.16	0.03				
09-241251	214	232	176	6.14	< 0.5	5.17	49	< 0.5	0.10	55	1.95	0.01				
09-251261	214	232	131	4.87	< 0.5	4.81	42	< 0.5	0.09	26	1.13	< 0.01				
09-261271	214	232	186	6.58	< 0.5	5.22	81	< 0.5	0.17	59	2.53	0.02				
09-271281	214	232	168	5.22	< 0.5	7.19	77	< 0.5	0.15	61	2.35	0.03				
09-281291	214	232	177	5.74	< 0.5	4.15	114	< 0.5	0.09	42	1.88	< 0.01				
09-291301	214	232	182	6.59	< 0.5	3.75	54	< 0.5	0.15	62	3.12	0.02				
09-301311	214	232	186	6.99	< 0.5	4.88	41	< 0.5	0.22	74	3.04	0.02				
09-311321	214	232	206	6.57	< 0.5	3.90	71	< 0.5	0.18	72	2.70	0.02				
09-321331	214	232	204	6.29	< 0.5	5.42	110	< 0.5	0.12	101	1.91	0.01				
09-331341	214	232	176	6.00	< 0.5	5.01	35	< 0.5	0.12	75	1.69	< 0.01				
09-341351	214	232	179	6.00	< 0.5	6.39	47	< 0.5	0.13	91	1.27	< 0.01				
09-351361	214	232	148	5.14	< 0.5	4.93	59	< 0.5	0.06	39	1.63	< 0.01				
09-361371	214	232	164	6.15	0.5	4.63	117	< 0.5	0.07	84	1.78	0.10				
09-371381	214	232	143	5.99	0.5	4.03	353	< 0.5	0.08	74	2.53	0.07				
09-381391	214	232	159	6.58	< 0.5	4.32	138	< 0.5	0.08	84	2.50	0.07				
09-391401	214	232	162	6.25	< 0.5	3.95	238	< 0.5	0.12	73	2.56	0.12				
10-1222	214	232	193	6.84	< 0.5	4.75	15	< 0.5	0.08	87	2.53	0.02				
10-2232	214	232	114	6.63	< 0.5	3.27	331	< 0.5	0.12	89	3.28	0.06				
10-3242	214	232	200	6.95	< 0.5	5.01	28	< 0.5	0.58	66	2.84	0.03				
10-4252	214	232	175	6.46	< 0.5	3.97	8	< 0.5	0.11	62	2.82	0.02				
10-5262	214	232	159	6.44	1.0	4.23	1695	< 0.5	0.08	69	2.98	0.04				
10-6272	214	232	220	6.92	0.5	4.56	21	< 0.5	0.10	98	2.66	0.01				
10-7282	214	232	186	6.33	0.5	5.38	128	< 0.5	0.09	45	1.59	0.19				
10-8292	214	232	123	6.73	0.5	4.27	76	< 0.5	0.13	53	3.28	0.05				
10-92102	214	232	166	5.57	< 0.5	5.06	47	< 0.5	0.06	36	2.20	< 0.01				
10-102112	214	232	184	6.08	0.5	4.29	10	< 0.5	0.08	58	2.58	0.02				
10-112122	214	232	175	6.80	0.5	3.82	3	< 0.5	0.12	85	3.26	0.04				
10-122132	214	232	86	6.32	0.5	3.54	26	< 0.5	0.10	84	2.58	0.13				
10-132142	214	232	83	6.22	1.0	3.60	27	< 0.5	0.10	79	2.74	0.10				

CERTIFICATION :

B. Cough



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
 VANCOUVER, B.C.
 V6A 1C4

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10-142152	214	232	< 1	150	70	190	< 2	< 2	0.5	24	133	180	4.40	375	295	2.93
10-152162	214	232	< 1	90	70	10	< 2	< 2	0.5	56	411	330	9.57	635	750	8.46
10-162172	214	232	< 1	60	58	< 10	< 2	< 2	0.5	106	1100	210	8.57	835	770	13.30
10-172182	214	232	< 1	90	86	< 10	< 2	226	2.5	123	1010	170	13.55	750	556	10.35
10-182192	214	232	< 1	10	60	< 10	< 2	< 2	2.5	100	891	190	8.70	630	967	13.30
10-192202	214	232	< 1	< 10	52	< 10	< 2	< 2	0.5	87	1045	170	6.04	850	1245	14.10
10-202212	214	232	< 1	20	62	< 10	< 2	< 2	1.5	108	773	290	8.49	785	1220	11.90
10-212222	214	232	< 1	20	62	< 10	< 2	< 2	1.5	105	910	260	8.69	665	1135	12.75
10-222232	214	232	< 1	20	64	< 10	< 2	< 2	2.0	100	814	250	8.67	780	1050	12.55
10-232242	214	232	< 1	10	62	< 10	< 2	< 2	1.5	105	870	270	8.33	635	1125	13.55
10-242252	214	232	< 1	50	72	< 10	< 2	< 2	2.0	109	932	280	10.15	860	892	13.70
10-252262	214	232	< 1	30	52	< 10	< 2	< 2	1.0	80	695	260	7.14	590	597	10.35
10-262272	214	232	< 1	60	60	< 10	< 2	< 2	1.5	79	653	270	7.85	855	618	10.85
10-272282	214	232	< 1	30	60	< 10	< 2	< 2	1.0	95	803	240	8.65	730	647	11.65
10-282292	214	232	< 1	30	70	< 10	< 2	< 2	1.0	101	758	230	7.98	920	1230	12.30
10-292302	214	232	< 1	20	64	< 10	< 2	< 2	0.5	99	809	200	8.54	755	1300	12.85
10-302312	214	232	< 1	190	92	< 10	< 2	< 2	2.0	103	920	210	9.74	785	772	12.05
10-312322	214	232	< 1	< 10	66	< 10	< 2	< 2	1.0	88	697	110	6.23	1130	1745	13.65
10-322332	214	232	< 1	< 10	76	< 10	< 2	< 2	0.5	103	887	190	7.99	1100	1430	15.15
10-332342	214	232	< 1	10	74	< 10	16	< 2	0.5	101	855	300	7.41	785	1525	14.45
10-342352	214	232	< 1	10	70	< 10	< 2	< 2	1.0	97	865	250	7.51	885	1740	13.75
10-352362	214	232	< 1	10	70	< 10	< 6	< 2	0.5	106	1115	150	6.70	860	1530	16.85
10-362372	214	232	< 1	< 10	76	< 10	< 2	< 2	< 0.5	115	1175	220	6.66	905	1995	16.70
10-372382	214	232	< 1	40	82	< 10	< 2	< 2	1.0	103	855	260	8.62	800	1655	13.45
10-382392	214	232	< 1	40	70	< 10	< 2	< 2	0.5	98	922	160	7.18	805	1030	12.95
10-392402	214	232	< 1	< 20	64	< 10	< 2	< 2	1.0	104	1225	240	6.96	565	1205	14.90
10-402412	214	232	< 1	< 10	50	< 10	< 2	< 2	0.5	88	977	250	5.69	510	1365	15.95
10-412422	214	232	< 1	< 10	52	< 10	2	< 2	< 0.5	106	1770	270	5.17	540	957	17.50

CERTIFICATION :

B. Coughlin



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10-142152	214 232	58	5.61	< 0.5	1.69	117	< 0.5	0.11	54	2.19	< 0.09				
10-152162	214 232	181	5.70	0.5	2.07	755	1.0	0.07	21	0.71	< 0.01				
10-162172	214 232	77	2.53	0.5	1.08	549	0.5	0.02	11	0.41	< 0.01				
10-172182	214 232	72	2.32	1.0	1.28	2340	3.5	0.01	11	0.30	< 0.01				
10-182192	214 232	67	1.89	0.5	0.87	771	1.0	0.01	7	0.32	< 0.01				
10-192202	214 232	62	1.41	< 0.5	2.92	359	< 0.5	0.01	7	0.24	< 0.01				
10-202212	214 232	107	2.32	0.5	2.38	748	1.0	0.02	9	0.35	< 0.01				
10-212222	214 232	57	1.74	0.5	1.19	835	0.5	0.01	9	0.27	< 0.01				
10-222232	214 232	77	2.23	0.5	1.40	831	0.5	0.02	8	0.27	< 0.01				
10-232242	214 232	54	1.70	0.5	0.91	784	0.5	0.01	8	0.31	< 0.01				
10-242252	214 232	86	2.73	< 0.5	1.93	1150	1.0	0.02	55	0.42	< 0.01				
10-252262	214 232	56	1.77	< 0.5	1.23	773	1.0	0.01	37	0.29	< 0.01				
10-262272	214 232	100	2.28	< 0.5	2.62	809	0.5	0.02	86	0.38	< 0.01				
10-272282	214 232	73	2.21	< 0.5	2.12	959	1.0	0.02	42	0.39	< 0.01				
10-282292	214 232	98	2.69	< 0.5	2.51	883	1.0	0.03	10	0.43	< 0.01				
10-292302	214 232	85	2.08	< 0.5	1.89	921	1.0	0.02	8	0.36	< 0.01				
10-302312	214 232	70	2.17	0.5	1.39	1285	1.0	0.02	10	0.36	< 0.01				
10-312322	214 232	92	1.69	< 0.5	3.68	234	< 0.5	0.02	5	0.18	< 0.01				
10-322332	214 232	71	1.20	< 0.5	1.14	503	0.5	0.01	6	0.20	< 0.01				
10-332342	214 232	64	1.76	< 0.5	1.00	550	0.5	0.01	8	0.36	< 0.01				
10-342352	214 232	84	2.19	< 0.5	2.26	624	< 0.5	0.02	8	0.27	< 0.01				
10-352362	214 232	50	1.33	< 0.5	0.58	248	< 0.5	0.01	6	0.19	< 0.01				
10-362372	214 232	51	1.45	< 0.5	0.60	168	< 0.5	0.01	7	0.22	< 0.01				
10-372382	214 232	76	1.70	< 0.5	2.46	719	< 0.5	0.01	9	0.30	< 0.01				
10-382392	214 232	64	2.63	< 0.5	2.68	936	< 0.5	0.01	7	0.26	< 0.01				
10-392402	214 232	43	1.27	< 0.5	0.75	652	< 0.5	0.01	7	0.28	< 0.01				
10-402412	214 232	67	1.26	< 0.5	0.42	414	< 0.5	0.01	5	0.28	< 0.01				
10-412422	214 232	25	1.21	< 0.5	0.15	79	< 0.5	< 0.01	4	0.30	< 0.01				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: PLACER DOME INC.
323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4
Project: 8178.95.99.8262.8304
Comments: ATTN: ROB MOWER

Page No.: 1-A
Tot. Pages: 4
Date: 16-APR-89
Invoice #: I-8913883
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE	Mb ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
11-012	232	3	4080	768	240	< 2	< 2	< 0.5	40	449	300	4.60	750	394	4.22
11-1222	214	1	270	82	170	< 2	< 2	< 0.5	31	120	370	4.47	710	335	3.91
11-2232	214	1	130	66	360	< 2	< 2	< 0.5	35	92	360	5.71	845	343	3.88
11-3242	214	1	120	58	130	< 2	< 2	< 0.5	40	209	350	5.32	770	486	5.40
11-4252	232	< 1	660	178	190	< 2	< 2	< 0.5	29	104	320	4.82	665	165	2.93
11-5262	232	< 1	40	56	70	< 2	< 2	< 0.5	42	175	290	5.22	905	682	6.07
11-6272	214	1	40	40	130	< 2	< 2	< 0.5	35	128	270	4.82	775	448	4.70
11-7282	214	1	240	80	100	< 2	< 2	< 0.5	39	157	200	5.54	840	518	5.22
11-8292	214	1	40	40	220	< 2	< 2	< 0.5	29	83	290	4.75	600	276	3.42
11-92102	232	2	210	68	210	< 2	8	< 0.5	25	63	290	5.16	505	195	2.15
11-102112	232	< 1	800	182	180	< 2	< 2	< 0.5	34	124	230	4.68	690	291	3.51
11-12122	214	1	2030	392	170	22	< 2	< 0.5	49	311	350	4.49	660	432	5.19
11-122132	214	1	150	60	100	< 2	< 2	< 0.5	36	166	190	4.42	675	427	5.27
11-132142	214	1	50	40	150	< 2	< 2	< 0.5	32	114	320	4.53	625	206	4.32
11-142152	232	< 1	80	62	150	< 2	< 2	< 0.5	33	113	290	4.80	615	373	4.96
11-152162	232	< 1	40	54	80	< 2	< 2	< 0.5	56	422	260	4.46	1000	932	6.50
11-162172	214	1	< 10	42	< 10	< 2	< 2	< 0.5	93	1385	110	5.12	845	682	14.55
11-172182	214	1	< 10	44	< 10	< 2	< 2	< 0.5	93	1580	220	4.88	965	758	14.00
11-182192	214	1	< 10	46	< 10	< 2	< 2	< 0.5	107	1710	140	5.94	775	746	14.95
11-192202	232	< 1	20	50	< 10	< 2	4	< 0.5	116	1525	190	5.98	690	808	14.75
11-202212	232	< 1	< 10	48	< 10	< 2	< 2	< 0.5	104	1390	220	5.58	710	1225	15.20
11-212222	214	1	50	60	< 10	< 2	< 2	< 0.5	180	1445	240	7.49	950	1085	14.75
11-222232	214	1	< 10	62	< 10	10	< 2	< 0.5	131	1540	250	5.55	915	1105	16.20
11-232242	214	1	40	64	< 10	< 2	< 2	< 0.5	109	1230	190	5.36	830	1220	15.35
11-242252	232	< 1	< 10	58	< 10	< 2	178	< 0.5	225	2310	170	5.12	775	1340	15.60
11-252262	232	2	< 10	50	< 10	< 2	< 2	< 0.5	125	1405	230	5.00	555	1140	14.85
11-262272	214	1	< 10	44	< 10	< 2	< 2	< 0.5	98	1445	230	4.63	780	1260	16.60
11-272282	214	1	< 10	44	< 10	< 2	< 2	< 0.5	118	1445	230	5.34	825	1315	16.95
11-282292	214	1	< 10	52	< 10	< 2	< 2	< 0.5	89	1105	310	4.79	570	1070	15.85
11-292302	232	< 1	< 10	76	< 10	< 2	4	< 0.5	92	1110	260	5.56	535	1855	16.70
11-302312	232	< 1	< 10	64	< 10	< 2	< 2	< 0.5	76	877	270	4.42	495	1495	16.05
11-312322	214	1	< 10	64	< 10	< 2	< 2	< 0.5	66	590	240	4.79	860	1180	14.45
11-322332	214	1	< 10	74	< 10	12	< 2	< 0.5	96	1265	140	6.78	475	2620	17.50
11-332339	214	1	< 10	122	< 10	8	< 2	< 0.5	95	1220	150	4.68	1035	1325	17.30
12-2131	232	< 1	40	52	130	8	8	1.0	36	99	450	5.05	790	379	4.06
12-3141	232	< 1	50	72	160	24	< 2	1.0	41	181	410	5.20	860	578	5.48
12-4151	232	< 1	30	70	220	8	< 2	1.0	35	119	480	4.86	710	423	4.40
12-5161	232	< 1	60	76	250	2	< 2	0.5	29	92	280	4.92	700	287	3.48
12-6171	232	< 1	50	64	120	< 2	< 2	1.0	40	151	240	5.39	900	578	5.46
12-7181	232	< 1	60	64	190	< 2	< 2	0.5	27	59	210	5.57	705	188	2.64

CERTIFICATION :



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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178,95,99,8262,8304

Comments: ATTN: ROB MOWER

Page No. :1-B

Tot. Pages:4

Date :16-APR-89

Invoice #:I-8913883

P.O. #:NONE

CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE		V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
11-012	214	232	157	6.43	< 0.5	4.23	1215	< 0.5	0.10	64	3.40	0.04				
11-1222	214	232	143	6.53	0.5	4.11	80	< 0.5	0.12	94	2.68	0.07				
11-2232	214	232	214	7.10	1.0	4.01	75	< 0.5	0.58	74	3.09	0.03				
11-3242	214	232	184	6.60	1.0	3.36	34	< 0.5	0.13	65	2.62	0.03				
11-4252	214	232	196	7.35	0.5	3.36	224	< 0.5	0.13	92	3.61	0.05				
11-5262	214	232	185	5.83	1.0	3.86	17	< 0.5	0.09	57	2.35	< 0.01				
11-6272	214	232	182	5.78	0.5	4.66	16	< 0.5	0.10	37	2.10	0.01				
11-7282	214	232	176	6.05	1.0	4.01	73	< 0.5	0.10	52	2.76	0.02				
11-8292	214	232	166	6.55	1.0	4.11	19	< 0.5	0.13	79	2.80	0.05				
11-92102	214	232	140	6.72	1.0	3.89	73	< 0.5	0.15	90	2.83	0.08				
11-102112	214	232	165	7.08	0.5	4.81	233	< 0.5	0.11	71	2.73	0.04				
11-112122	214	232	150	6.20	0.5	3.82	547	< 0.5	0.11	76	2.64	0.04				
11-122132	214	232	168	6.09	0.5	3.81	50	< 0.5	0.10	68	2.29	0.09				
11-132142	214	232	187	7.08	0.5	3.26	17	< 0.5	0.10	83	2.99	0.08				
11-142152	214	232	171	6.95	1.0	3.82	41	< 0.5	0.17	49	2.30	0.01				
11-152162	214	232	121	5.00	0.5	12.60	22	< 0.5	< 0.07	45	0.49	< 0.01				
11-162172	214	232	28	0.71	0.5	3.77	90	< 0.5	< 0.01	21	0.17	< 0.01				
11-172182	214	232	52	1.31	0.5	3.42	45	< 0.5	< 0.01	20	0.25	< 0.01				
11-182192	214	232	26	1.11	0.5	1.97	227	< 0.5	< 0.01	12	0.20	< 0.01				
11-192202	214	232	20	0.74	1.0	1.19	406	< 0.5	< 0.01	10	0.30	< 0.01				
11-202212	214	232	27	1.14	0.5	1.22	270	< 0.5	< 0.01	11	0.37	< 0.01				
11-212222	214	232	29	0.99	1.0	1.43	1065	< 1.5	< 0.01	13	0.31	< 0.01				
11-222232	214	232	25	0.99	0.5	0.95	252	< 0.5	< 0.01	8	0.28	< 0.01				
11-232242	214	232	51	1.59	0.5	1.83	208	< 0.5	< 0.01	9	0.31	< 0.01				
11-242252	214	232	21	0.79	0.5	0.57	425	< 2.0	< 0.01	6	0.30	< 0.01				
11-252262	214	232	38	1.45	0.5	1.15	393	< 0.5	< 0.01	10	0.30	< 0.01				
11-262272	214	232	26	0.97	0.5	0.54	122	< 0.5	< 0.01	6	0.34	< 0.01				
11-272282	214	232	29	0.98	0.5	0.67	158	< 0.5	0.01	6	0.34	< 0.01				
11-282292	214	232	43	1.23	0.5	1.42	110	< 0.5	0.01	9	0.38	< 0.01				
11-292302	214	232	53	1.03	0.5	1.23	77	< 0.5	0.01	8	0.33	< 0.01				
11-302312	214	232	108	1.51	0.5	0.99	54	< 0.5	0.03	8	0.40	< 0.01				
11-312322	214	232	165	3.19	0.5	0.96	64	< 0.5	< 0.05	8	0.32	< 0.01				
11-322332	214	232	31	0.59	1.0	0.83	58	< 0.5	< 0.01	5	0.14	< 0.01				
11-332339	214	232	36	1.07	0.5	0.84	66	< 0.5	0.01	5	0.28	< 0.01				
12-2131	214	232	207	6.32	1.0	3.65	17	< 0.5	0.12	77	2.82	0.02				
12-3141	214	232	172	6.00	1.0	3.37	39	< 0.5	0.11	53	2.79	< 0.01				
12-4151	214	232	159	6.19	1.0	3.05	29	< 0.5	0.11	68	3.13	0.03				
12-5161	214	232	158	6.32	1.0	3.10	28	< 0.5	0.13	57	3.60	0.05				
12-6171	214	232	171	5.86	1.0	4.40	28	< 0.5	0.09	35	2.71	0.03				
12-7181	214	232	187	6.51	1.0	3.08	35	< 0.5	0.14	36	3.38	0.04				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178, 95, 99, 8262, 8304

Comments: ATTN: ROB MOWER

Page No.: 2-A

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Date: 16-APR-89

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CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE		Mb ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
12-8191	214	232	5	< 40	58	< 70	< 2	< 2	< 0.5	36	209	110	5.47	940	648	7.16
12-91101	214	232	5	< 10	40	< 10	4	< 2	< 0.5	91	957	620	5.48	495	823	15.70
12-111121	214	232	4	< 10	208	< 10	120	< 2	7.0	74	551	760	5.00	1145	1245	11.75
12-131141	214	232	4	< 10	60	< 10	22	< 2	< 0.5	66	564	4220	4.86	785	1005	12.75
12-141151	214	232	4	< 10	64	< 10	4	< 2	< 0.5	49	317	650	4.76	1040	946	10.20
12-151161	214	232	3	< 10	68	10	6	< 2	< 0.5	48	313	460	5.44	1135	1125	10.80
12-161171	214	232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
12-171181	214	232	5	< 10	62	< 10	6	< 2	< 0.5	72	561	650	5.86	1255	1225	14.80
12-181191	214	232	5	< 10	50	< 10	6	8	< 0.5	84	985	800	5.70	920	873	16.25
12-191201	214	232	4	< 10	44	< 10	10	< 2	< 0.5	82	1035	680	5.34	815	849	16.45
12-201211	214	232	5	< 10	48	< 10	4	6	< 0.5	82	1110	480	6.07	860	720	16.75
12-211221	214	232	5	< 10	46	< 10	2	16	< 0.5	85	1225	580	5.82	780	536	16.15
12-221231	214	232	4	< 10	46	< 10	24	< 2	< 0.5	78	1195	1880	4.50	675	532	16.90
12-231241	214	232	4	< 10	44	< 10	16	< 2	< 0.5	83	1400	1520	4.54	610	678	17.80
13-812	214	232	3	40	64	70	46	2	< 0.5	37	243	750	5.02	825	541	6.66
13-1222	214	232	5	< 10	34	130	< 2	6	< 0.5	27	93	60	5.27	775	266	4.26
13-2232	214	232	4	< 10	38	100	< 2	< 2	< 0.5	32	143	280	4.77	825	426	5.75
13-3242	214	232	4	50	36	160	< 2	2	< 0.5	15	46	100	4.10	460	141	2.60
13-4252	214	232	4	< 10	34	90	< 2	< 2	< 0.5	30	127	150	4.42	720	468	5.29
13-5262	214	232	2	30	38	110	< 2	< 2	< 0.5	30	161	180	4.24	630	326	4.77
13-6272	214	232	3	< 10	42	140	< 2	< 2	< 0.5	30	141	190	4.82	715	284	5.19
13-7282	214	232	4	< 10	62	< 10	< 2	< 2	< 0.5	98	925	390	6.05	1060	1020	16.95
13-8292	214	232	5	< 10	64	< 10	< 2	< 2	< 0.5	63	476	270	5.70	1215	1435	12.90
13-92102	214	232	4	< 10	56	< 10	< 2	< 2	< 0.5	88	1070	740	5.31	760	1050	19.15
13-102112	214	232	4	< 10	58	< 10	< 2	< 2	< 0.5	78	728	510	5.68	1030	1545	16.05
13-112122	214	232	4	< 10	58	< 10	8	< 2	< 0.5	102	1090	630	5.95	765	1245	17.80
13-122132	214	232	3	< 10	58	< 10	16	< 2	< 0.5	77	679	1320	4.83	1100	925	13.45
13-132142	214	232	5	< 10	50	< 10	182	< 2	< 0.5	93	1090	1000	5.57	800	906	17.45
13-142152	214	232	4	< 10	48	< 10	376	< 2	< 0.5	115	1275	430	5.85	775	721	17.75
13-152162	214	232	4	< 10	36	< 10	84	< 2	< 0.5	84	1150	930	4.65	905	530	18.70
13-162172	214	232	3	< 10	38	< 10	24	< 2	< 0.5	91	1175	720	4.94	740	636	17.45
13-172182	214	232	3	< 10	52	< 10	24	< 2	< 0.5	89	974	840	4.43	945	962	17.50
13-182192	214	232	6	< 10	60	< 10	42	108	< 0.5	99	1285	370	8.44	780	715	16.00
13-192202	214	232	4	< 10	50	< 10	14	8	< 0.5	122	1480	1120	5.45	860	930	17.20
13-202212	214	232	4	< 10	48	< 10	8	< 2	< 0.5	97	1350	2650	4.71	715	756	17.65
13-212222	214	232	3	< 10	48	< 10	20	< 2	< 0.5	77	900	450	4.81	910	1055	14.00
13-222232	214	232	4	< 10	50	< 10	12	< 2	< 0.5	92	1495	270	5.27	755	1175	18.90
13-232242	214	232	4	< 10	56	< 10	10	< 2	< 0.5	91	1450	230	4.95	815	1150	19.60
13-242252	214	232	5	< 10	68	< 10	18	< 2	< 0.5	96	1475	140	5.26	905	1065	19.00
13-262267	214	232	4	< 10	60	< 10	4	< 2	< 0.5	79	1570	130	5.42	760	1235	17.40

CERTIFICATION :

B. Coughlin



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212 BROOKSBANK AVE., NORTH VANCOUVER,
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To: PLACER DOME INC.

323 ALEXANDER ST.
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V6A 1C4

Project: 8178,95,99,8262,8304

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CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
12-8191	214 232	159	5.88	< 0.5	6.68	20	< 0.5	< 0.07	57	1.81	< 0.02				
12-91101	214 232	19	0.42	< 0.5	2.51	37	< 0.5	< 0.01	43	0.25	< 0.01				
12-111121	214 232	90	1.67	< 0.5	5.25	48	1.5	0.02	171	0.25	< 0.01				
12-131141	214 232	78	2.75	< 0.5	3.44	39	< 0.5	0.02	199	0.34	< 0.01				
12-141151	214 232	131	5.06	< 0.5	5.20	18	< 0.5	0.04	61	0.43	0.06				
12-151161	214 232	161	5.02	< 0.5	5.77	29	< 0.5	0.05	31	0.34	0.08				
12-161171	214 232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss				
12-171181	214 232	90	2.74	< 0.5	3.96	174	2.0	0.02	132	0.26	< 0.01				
12-181191	214 232	56	1.79	< 0.5	2.11	257	2.0	0.01	64	0.28	< 0.01				
12-191201	214 232	41	1.39	< 0.5	1.48	163	1.0	0.01	72	0.32	< 0.01				
12-201211	214 232	41	1.56	< 0.5	1.83	396	1.0	0.01	41	0.35	< 0.01				
12-211221	214 232	35	1.55	< 0.5	1.35	738	< 0.5	0.01	72	0.37	< 0.01				
12-221231	214 232	29	1.67	< 0.5	1.72	116	< 0.5	0.01	85	0.39	< 0.01				
12-231241	214 232	18	0.84	< 0.5	1.22	115	< 0.5	< 0.01	86	0.36	< 0.01				
13-812	214 232	184	5.61	< 0.5	4.44	67	< 0.5	0.08	59	1.85	0.01				
13-1222	214 232	228	7.02	< 0.5	5.54	8	< 0.5	0.12	68	2.52	0.03				
13-2232	214 232	166	6.27	< 0.5	5.18	7	< 0.5	0.11	52	2.24	0.03				
13-3242	214 232	125	6.39	< 0.5	3.34	20	< 0.5	0.14	88	2.42	0.03				
13-4252	214 232	162	5.82	< 0.5	4.17	8	< 0.5	0.10	38	2.50	< 0.01				
13-5262	214 232	153	6.45	< 0.5	4.76	15	< 0.5	0.11	64	2.67	0.06				
13-6272	214 232	220	6.32	< 0.5	9.15	44	< 0.5	0.17	71	1.69	< 0.02				
13-7282	214 232	83	2.39	< 0.5	3.44	36	< 0.5	0.03	16	0.19	< 0.01				
13-8292	214 232	169	4.32	< 0.5	4.52	12	< 0.5	0.05	15	0.29	< 0.01				
13-92102	214 232	48	1.46	< 0.5	1.50	19	< 0.5	0.01	24	0.18	< 0.01				
13-102112	214 232	97	2.22	< 0.5	3.07	18	< 0.5	0.02	18	0.22	< 0.01				
13-112122	214 232	40	1.36	< 0.5	1.66	11	< 0.5	0.01	21	0.26	< 0.01				
13-122132	214 232	100	3.18	< 0.5	4.36	34	1.5	0.02	45	0.31	< 0.01				
13-132142	214 232	26	0.83	< 0.5	0.79	19	2.0	< 0.01	33	0.33	< 0.01				
13-142152	214 232	19	0.95	< 0.5	0.72	40	8.0	< 0.01	14	0.33	< 0.01				
13-152162	214 232	18	0.82	< 0.5	0.70	24	1.0	< 0.01	28	0.37	< 0.01				
13-162172	214 232	25	1.00	< 0.5	0.79	36	< 0.5	0.01	23	0.38	< 0.01				
13-172182	214 232	61	1.87	< 0.5	2.14	15	< 0.5	0.01	26	0.32	< 0.01				
13-182192	214 232	35	1.68	< 0.5	1.44	880	2.0	0.01	23	0.31	< 0.01				
13-192202	214 232	23	1.00	< 0.5	1.17	195	< 0.5	< 0.01	74	0.36	< 0.01				
13-202212	214 232	31	1.19	0.5	1.54	94	< 0.5	0.01	82	0.38	< 0.01				
13-212222	214 232	100	2.09	< 0.5	4.76	139	< 2.5	0.02	17	0.24	< 0.01				
13-222232	214 232	35	0.97	< 0.5	0.96	158	< 0.5	< 0.01	9	0.21	< 0.01				
13-232242	214 232	22	0.68	< 0.5	0.95	115	< 0.5	< 0.01	8	0.23	< 0.01				
13-242252	214 232	21	0.80	< 0.5	0.83	77	1.0	< 0.01	5	0.29	< 0.01				
13-262267	214 232	14	0.51	< 0.5	1.38	75	1.0	< 0.01	5	0.21	< 0.01				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178,95,99,8262,8304

Comments: ATTN: ROB MOWER

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Tot. Pages: 4

Date: 16-APR-89

Invoice #: I-8913883

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
14-2131	214 232	4	< 10	58	< 10	< 4	< 2	< 0.5	71	1625	90	4.55	395	714	20.7
14-3141	214 232	4	< 10	58	< 10	< 2	< 2	< 0.5	80	1730	170	5.09	400	836	22.2
14-4151	214 232	5	< 10	60	< 10	< 2	< 2	< 0.5	87	1930	240	4.83	750	597	21.6
14-5161	214 232	5	< 10	54	< 10	< 2	< 2	< 0.5	69	1270	80	5.04	910	915	18.50
14-6171	214 232	5	< 10	52	< 10	< 2	< 2	< 0.5	72	1450	300	5.21	600	848	19.60
14-7181	214 232	4	< 10	56	< 10	< 2	< 2	< 0.5	86	1845	180	5.17	685	815	20.9
14-8191	214 232	4	< 10	56	< 10	< 2	< 2	< 0.5	69	1250	2020	4.73	735	765	18.20
14-91101	214 232	5	< 10	54	< 10	< 2	< 2	< 0.5	73	1380	230	5.43	620	1105	19.00
14-101111	214 232	4	< 10	66	< 10	< 2	< 2	< 0.5	71	1100	540	4.79	750	884	18.40
14-111121	214 232	5	< 10	56	< 10	< 2	< 2	< 0.5	80	1565	540	4.88	720	1160	20.1
14-121131	214 232	5	< 10	58	< 10	< 2	< 2	< 0.5	81	1435	260	5.85	625	1210	20.2
14-131141	214 232	5	< 10	54	< 10	< 2	< 2	< 0.5	71	1210	260	5.57	735	1070	17.90
14-141151	214 232	6	< 10	48	< 10	< 2	< 2	< 0.5	86	1790	1690	4.55	755	1345	19.55
14-151161	214 232	4	< 10	58	< 10	10	< 2	0.5	74	1515	2850	4.52	590	1070	19.10
14-161171	214 232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
14-171181	214 232	3	< 10	46	< 10	8	< 2	< 0.5	76	1575	3720	4.34	540	957	18.75
14-181191	214 232	4	< 10	46	< 10	16	< 2	< 0.5	73	1610	4250	4.06	595	546	18.25
14-191201	214 232	7	< 10	52	< 10	< 2	130	< 0.5	80	2020	2490	7.75	605	375	17.65
14-201211	214 232	2	< 10	46	< 10	< 2	110	< 0.5	74	1695	620	8.06	550	383	16.65
14-211221	214 232	1	< 10	44	< 10	< 2	22	< 0.5	74	1455	1110	5.28	735	547	17.60
14-221231	214 232	1	< 10	56	< 10	4	< 2	< 0.5	64	1210	1510	4.75	570	1320	16.75
14-231241	214 232	4	< 10	62	< 10	10	70	< 0.5	71	1430	1630	6.77	615	757	16.45
14-241251	214 232	3	< 10	72	< 10	8	54	< 0.5	81	1335	1360	7.39	620	957	16.50
14-251261	214 232	4	< 10	424	80	34	10	< 0.5	74	1260	540	5.84	590	1125	16.35
14-261271	214 232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
14-271281	214 232	2	< 10	112	< 10	6	28	< 0.5	58	795	780	6.82	935	1195	13.50
14-281291	214 232	2	< 10	70	< 10	10	10	< 0.5	60	791	840	6.57	975	1255	14.20
14-291301	214 232	3	< 10	72	< 10	8	18	< 0.5	75	1110	1000	6.73	805	1300	17.05
15-3141	214 232	2	60	68	330	14	2	< 0.5	26	328	930	2.78	460	327	5.44
15-4151	214 232	4	70	64	300	8	< 2	< 0.5	24	341	940	2.65	435	369	5.59
15-5161	214 232	3	< 10	64	140	4	< 2	< 0.5	53	1015	550	3.85	640	662	11.50
15-6171	214 232	2	< 10	52	30	2	10	< 0.5	60	1360	430	4.96	565	559	14.35
15-8191	214 232	2	< 10	54	20	< 2	< 2	< 0.5	46	481	280	5.06	1005	1010	9.98
15-91101	214 232	2	< 10	56	20	< 2	< 2	< 0.5	39	407	260	5.00	960	1170	9.66
15-101111A	214 232	1	< 10	58	< 10	4	< 2	< 0.5	80	1020	220	5.59	820	1365	14.05
15-101111B	214 232	< 1	< 10	64	< 20	4	< 2	< 0.5	56	570	300	5.57	940	1265	11.35
15-111121	214 232	1	< 10	70	< 10	10	< 2	< 0.5	61	682	320	5.81	975	1295	14.05
15-121131	214 232	1	< 10	70	< 10	6	< 2	< 0.5	73	894	310	6.07	905	1675	15.10
15-131141	214 232	1	< 10	60	< 10	< 2	< 2	< 0.5	76	1065	980	5.90	855	1235	16.25
15-141151	214 232	1	< 10	76	< 10	< 2	< 2	< 0.5	87	1285	1590	6.07	820	1190	17.00

CERTIFICATION : B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178,95,99,8262,8304

Comments: ATTN: ROB MOWER

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Tot. Pages:4

Date :16-APR-89

Invoice #: I-8913883

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE		V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
14-2131	214	232	20	0.49	< 0.5	0.52	24	< 0.5	< 0.01	4	0.20	< 0.01				
14-3141	214	232	31	0.73	< 0.5	0.46	7	< 0.5	< 0.01	5	0.30	< 0.01				
14-4151	214	232	16	0.80	< 0.5	0.76	14	< 0.5	< 0.01	10	0.22	< 0.01				
14-5161	214	232	72	1.48	< 0.5	3.12	15	< 0.5	0.01	7	0.12	< 0.01				
14-6171	214	232	45	1.72	< 0.5	1.32	13	< 0.5	0.01	11	0.10	< 0.01				
14-7181	214	232	31	1.46	< 0.5	0.92	13	< 0.5	0.01	6	0.23	< 0.01				
14-8191	214	232	57	2.39	< 0.5	1.94	11	< 0.5	0.01	68	0.39	< 0.01				
14-91101	214	232	42	1.04	< 0.5	1.59	14	< 0.5	0.01	13	0.13	< 0.01				
14-101111	214	232	65	2.46	< 0.5	1.41	42	< 0.5	0.01	25	0.30	< 0.01				
14-111121	214	232	42	1.35	< 0.5	0.89	18	< 0.5	0.01	18	0.33	< 0.01				
14-121131	214	232	42	1.16	< 0.5	1.07	24	< 0.5	0.01	10	0.24	< 0.01				
14-131141	214	232	68	1.38	< 0.5	2.49	20	< 0.5	< 0.01	13	0.23	< 0.01				
14-141151	214	232	10	0.42	< 0.5	0.42	29	< 0.5	< 0.01	43	0.29	< 0.01				
14-151161	214	232	17	0.64	< 0.5	0.44	36	< 0.5	< 0.01	83	0.28	< 0.01				
14-161171	214	232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss				
14-171181	214	232	19	0.65	< 0.5	0.37	27	< 0.5	< 0.01	186	0.31	< 0.01				
14-181191	214	232	20	1.31	< 0.5	0.58	39	< 0.5	< 0.01	123	0.34	< 0.01				
14-191201	214	232	12	0.71	< 0.5	0.70	1020	1.0	< 0.01	101	0.38	< 0.01				
14-201211	214	232	5	0.59	< 0.5	0.77	854	1.0	< 0.01	39	0.35	< 0.01				
14-211221	214	232	18	1.01	< 0.5	0.75	274	1.5	< 0.01	169	0.36	< 0.01				
14-221231	214	232	28	0.61	< 0.5	0.60	171	< 0.5	< 0.01	69	0.32	< 0.01				
14-231241	214	232	25	0.77	< 0.5	0.91	527	0.5	< 0.01	130	0.31	< 0.01				
14-241251	214	232	26	0.67	< 0.5	0.93	477	0.5	< 0.01	120	0.29	< 0.01				
14-251261	214	232	30	0.80	< 0.5	1.29	313	< 0.5	0.01	146	0.20	< 0.01				
14-261271	214	232	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss				
14-271281	214	232	123	2.56	< 0.5	4.45	350	< 0.5	0.03	49	0.33	< 0.01				
14-281291	214	232	112	2.18	< 0.5	3.87	249	< 0.5	0.03	26	0.29	< 0.01				
14-291301	214	232	35	0.78	< 0.5	1.89	302	< 0.5	0.01	35	0.28	< 0.01				
15-3141	214	232	52	3.89	0.5	4.87	51	< 0.5	0.15	148	1.22	1.15				
15-4151	214	232	46	3.96	0.5	4.90	44	< 0.5	0.13	152	1.32	1.20				
15-5161	214	232	50	2.70	< 0.5	3.32	41	< 0.5	0.10	69	0.63	0.50				
15-6171	214	232	33	1.92	< 0.5	1.78	224	< 0.5	0.07	44	0.48	0.31				
15-8191	214	232	130	3.54	< 0.5	6.39	79	< 0.5	0.05	35	0.41	0.12				
15-91101	214	232	147	3.32	< 0.5	6.83	67	< 0.5	0.06	33	0.41	0.10				
15-101111A	214	232	51	1.05	< 0.5	4.20	25	< 0.5	0.02	16	0.17	< 0.01				
15-101111B	214	232	126	2.71	< 0.5	5.13	62	< 0.5	0.05	28	0.39	0.06				
15-111121	214	232	98	2.22	< 0.5	4.33	69	< 0.5	0.04	23	0.34	0.01				
15-121131	214	232	76	1.56	< 0.5	3.50	82	< 0.5	0.03	25	0.31	0.01				
15-131141	214	232	57	1.27	< 0.5	2.54	42	< 0.5	0.03	31	0.41	< 0.01				
15-141151	214	232	35	1.08	< 0.5	1.53	45	< 0.5	0.03	51	0.44	< 0.01				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project : 8178, 95, 99, 8262, 8304

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SAMPLE DESCRIPTION	PREP CODE		Mb ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
15-151161	214	232	< 1	< 10	76	< 10	< 2	< 2	< 0.5	63	677	2460	5.92	1165	1060	11.85
15-161171	214	232	2	< 10	62	< 10	< 2	< 2	< 0.5	65	921	550	5.07	880	1335	15.15
15-171181	214	232	12	< 10	76	< 10	14	< 2	< 0.5	82	1400	1080	5.29	725	1235	18.40
15-181191	214	232	14	< 10	56	< 10	34	< 2	< 0.5	74	1285	1390	4.64	720	1025	18.05
15-191201	214	232	18	< 10	70	< 10	< 2	< 2	< 0.5	74	1125	330	6.19	640	1965	19.10
15-201211	214	232	37	< 10	66	< 10	< 2	< 2	< 0.5	81	1140	340	5.93	670	1610	17.85
15-211221	214	232	10	< 10	48	< 10	< 2	< 2	< 0.5	99	1680	280	5.47	790	1130	19.40
15-231241	214	232	10	< 10	70	10	< 2	< 2	< 0.5	80	1345	390	4.96	615	760	16.05
15-241251	214	232	8	< 10	80	< 10	< 2	< 2	< 0.5	113	1340	300	7.24	975	1860	17.55
15-251261	214	232	8	< 10	74	< 10	< 2	< 2	< 0.5	100	1540	270	7.12	970	984	17.20
15-271281	214	232	5	< 10	42	< 10	4	16	< 0.5	133	1345	1620	7.27	835	880	14.35
15-281291	214	232	5	< 10	46	< 10	< 2	< 2	< 0.5	132	1565	1640	5.84	790	1245	17.30
15-291301	214	232	8	< 10	42	< 10	< 2	< 2	< 0.5	126	1445	1900	5.53	725	1045	16.75
15-301311	214	232	2	< 10	68	< 10	36	< 2	< 0.5	68	634	2990	5.53	800	1195	13.85
15-311321	214	232	20	< 10	68	< 10	42	< 2	< 0.5	102	1065	1660	5.59	875	825	16.70
15-331341	214	232	25	< 10	62	< 10	4	< 2	< 0.5	114	1225	1240	6.76	1015	814	17.15
15-341351	214	232	22	< 10	54	< 10	< 2	< 2	< 0.5	103	1240	1340	6.09	700	818	17.05
15-351361	214	232	18	< 10	62	< 10	< 2	< 2	< 0.5	171	1510	320	6.49	845	1200	18.75
16-4151	214	232	6	170	144	160	6	< 2	< 0.5	39	170	320	7.75	830	358	4.27
16-6171	214	232	3	60	60	110	20	< 2	< 0.5	22	72	2340	5.39	705	181	3.09
16-7181	214	232	5	80	60	150	16	2	< 0.5	20	56	1180	4.92	530	162	2.70
16-91101	214	232	2	50	88	180	36	4	< 0.5	18	66	830	4.90	560	221	2.59
16-101111	214	232	2	350	138	120	70	2	< 0.5	20	116	1230	4.91	675	240	3.39
16-111121	214	232	3	280	138	120	76	4	< 0.5	22	120	2180	5.08	710	276	3.63
16-121131	214	232	2	170	128	110	68	< 2	< 0.5	32	196	2960	5.67	875	541	5.67
16-141151	214	232	1	1750	108	210	52	10	< 0.5	44	293	410	11.55	925	776	5.43
16-151161	214	232	2	60	86	110	66	2	< 0.5	44	249	730	7.32	1000	663	6.71
16-161171	214	232	2	740	252	200	190	12	1.5	26	120	1370	4.91	730	177	3.12
16-171181	214	232	5	400	210	150	128	< 2	1.5	19	114	820	5.14	690	299	3.25
16-181191	214	232	68	2520	508	190	88	12	2.5	30	245	970	5.16	750	259	3.58

CERTIFICATION :

B. Coughlin



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CERTIFICATE OF ANALYSIS A8913883

SAMPLE DESCRIPTION	PREP CODE	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
15-151161	214 232	138	2.80	< 0.5	4.46	46	< 0.5	0.04	87	0.41	< 0.01				
15-161171	214 232	67	1.76	< 0.5	2.96	46	< 0.5	0.02	20	0.31	< 0.01				
15-171181	214 232	28	1.04	< 0.5	1.55	109	4.5	0.02	36	0.42	< 0.01				
15-181191	214 232	35	1.60	< 0.5	0.59	63	6.0	0.02	46	0.45	< 0.01				
15-191201	214 232	60	1.31	< 0.5	0.63	54	8.5	0.03	15	0.30	< 0.01				
15-201211	214 232	51	1.40	0.5	0.74	64	17.0	0.02	12	0.36	< 0.01				
15-211221	214 232	15	0.75	0.5	0.85	48	4.0	0.01	14	0.41	< 0.01				
15-231241	214 232	24	1.29	0.5	1.32	63	4.5	0.04	29	0.52	0.15				
15-241251	214 232	48	1.37	0.5	2.21	133	2.0	0.01	11	0.33	< 0.01				
15-251261	214 232	14	0.76	0.5	2.16	137	2.0	< 0.01	9	0.30	< 0.01				
15-271281	214 232	38	1.00	0.5	1.91	881	3.5	0.01	129	0.35	< 0.01				
15-281291	214 232	28	0.91	0.5	0.64	211	1.5	< 0.01	48	0.37	< 0.01				
15-291301	214 232	24	0.71	0.5	0.61	207	2.5	< 0.01	72	0.41	< 0.01				
15-301311	214 232	129	2.64	0.5	1.42	178	1.0	0.02	109	0.33	< 0.01				
15-311321	214 232	46	1.51	0.5	1.40	258	9.0	0.02	164	0.38	< 0.01				
15-331341	214 232	39	1.44	0.5	1.27	304	7.0	0.01	78	0.38	< 0.01				
15-341351	214 232	32	1.35	0.5	1.12	281	7.5	0.01	126	0.38	< 0.01				
15-351361	214 232	33	1.39	0.5	0.92	436	5.5	0.01	11	0.32	< 0.01				
16-4151	214 232	158	6.06	0.5	3.40	762	< 0.5	0.10	63	1.10	0.10				
16-6171	214 232	174	6.58	0.5	3.38	186	< 0.5	0.10	131	2.17	0.09				
16-7181	214 232	166	6.71	< 0.5	3.52	165	< 0.5	0.11	161	1.15	0.23				
16-91101	214 232	154	6.49	< 0.5	3.01	167	< 0.5	0.12	138	2.62	0.15				
16-101111	214 232	164	6.18	< 0.5	3.99	215	< 0.5	0.09	225	2.13	0.17				
16-111121	214 232	158	6.11	< 0.5	4.27	160	< 0.5	0.09	131	1.96	0.16				
16-121131	214 232	168	5.74	< 0.5	4.54	148	< 0.5	0.08	135	1.99	0.11				
16-141151	214 232	155	5.44	< 0.5	4.04	1115	< 0.5	0.07	112	0.57	0.20				
16-151161	214 232	164	5.43	< 0.5	3.72	140	< 0.5	0.13	64	0.83	0.07				
16-161171	214 232	134	6.25	< 0.5	3.50	306	< 0.5	0.12	116	2.07	0.32				
16-171181	214 232	158	6.07	< 0.5	3.93	263	0.5	0.10	87	1.50	0.50				
16-181191	214 232	150	6.16	< 0.5	4.16	732	27.5	0.09	108	1.40	0.38				

CERTIFICATION :

B. Cagli



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178, 95, 99, 8262, 8304

Comments: ATTN: ROB MOWER

Page No.: 1-A

Tot. Pages: 3

Date: 16-APR-89

Invoice #: I-8913884

P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913884

SAMPLE DESCRIPTION	PREP CODE	Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
20-021041	214 232	< 3	200	96	170	< 14	< 2	0.5	28	197	240	4.96	735	520	4.34
20-041051	214 232	< 1	20	34	130	< 2	< 2	1.0	22	74	320	4.53	605	194	3.37
20-051061	214 232	2	100	56	120	< 2	< 2	0.5	29	145	270	4.95	695	357	4.27
20-061071	214 232	1	60	42	120	< 2	< 2	0.5	21	84	250	4.52	570	219	3.45
20-071081	214 232	1	30	42	130	< 2	< 2	< 0.5	21	122	380	3.68	560	253	3.80
20-081091	214 232	< 1	40	44	330	< 2	< 2	1.0	24	74	250	5.20	665	126	3.13
20-091101	214 232	< 1	30	42	310	< 2	< 2	1.0	31	61	170	5.48	680	142	3.06
20-101111	214 232	< 1	40	42	290	< 2	< 2	0.5	24	49	210	5.02	595	131	2.87
20-111121	214 232	< 1	80	38	160	< 2	2	0.5	16	62	220	3.87	280	145	1.29
20-121131	214 232	< 1	30	44	140	< 2	2	0.5	30	169	580	4.57	665	367	4.67
20-131141	214 232	< 1	20	48	150	< 2	< 2	< 0.5	29	174	210	4.20	660	354	4.70
20-141151	214 232	< 1	70	52	150	< 2	< 2	< 0.5	26	140	270	4.29	585	371	4.18
20-151161	214 232	< 1	20	50	130	< 2	< 2	0.5	34	228	110	4.73	810	745	6.24
20-161171	214 232	< 1	40	50	90	< 2	< 2	1.0	40	232	80	5.31	895	835	6.88
20-171181	214 232	< 1	10	40	140	< 2	< 2	0.5	33	163	130	4.35	760	419	5.20
20-181191	214 232	< 1	50	40	120	< 2	< 2	0.5	28	122	100	4.65	605	280	4.06
20-191201	214 232	< 1	40	34	110	< 2	< 2	0.5	24	66	120	4.75	570	115	3.03
20-201211	214 232	< 1	30	38	100	< 2	< 2	1.0	20	69	130	5.02	655	121	3.21
20-211221	214 232	< 1	30	42	90	< 2	< 2	0.5	31	185	120	5.05	895	629	5.72
21-021031	214 232	1	60	58	100	28	< 2	1.0	27	161	500	5.01	825	375	4.06
21-031041	214 232	< 2	560	136	110	30	< 2	1.0	29	231	130	5.11	805	380	4.28
21-041051	214 232	< 1	60	60	90	< 2	< 2	0.5	25	117	70	5.06	805	233	3.96
21-051061	214 232	< 1	40	66	90	< 6	< 2	0.5	26	131	80	5.57	850	240	4.11
21-061071	214 232	3	110	70	90	< 2	< 2	1.0	34	236	70	6.20	915	507	5.90
21-071081	214 232	5	210	76	130	4	< 2	1.0	33	285	70	7.19	970	465	4.42
21-081091	214 232	< 1	60	52	120	< 2	< 2	0.5	25	124	70	4.82	770	282	3.62
21-091101	214 232	< 1	40	48	100	< 2	< 2	0.5	20	68	100	4.79	735	183	2.97
21-101111	214 232	< 1	40	52	100	< 2	< 2	1.0	23	76	280	4.85	785	206	3.34
21-111121	214 232	< 1	110	42	120	< 2	< 2	1.0	26	127	390	4.24	710	308	3.78
21-121131	214 232	< 1	90	44	130	6	< 2	0.5	34	204	990	4.52	685	420	4.95
21-131141	214 232	< 1	10	68	70	< 2	< 2	1.0	50	388	510	5.69	1080	1035	9.27
21-141151	214 232	< 1	60	64	200	6	< 2	0.5	23	59	590	4.63	755	175	2.92
21-151161	214 232	< 1	60	58	190	4	< 2	1.5	27	118	170	4.86	835	264	4.23
21-161171	214 232	< 1	230	94	150	28	< 2	1.0	33	226	870	4.99	875	498	5.80
21-171181	214 232	< 1	140	72	210	6	< 2	1.0	24	58	400	4.83	770	141	3.38
21-181191	214 232	< 1	50	60	190	4	< 2	1.0	27	62	120	5.29	855	161	3.67
21-191201	214 232	< 1	70	66	190	12	< 2	1.5	27	85	150	5.16	835	186	3.80
21-201211	214 232	< 1	50	54	180	< 2	< 2	1.0	30	149	120	4.66	805	380	4.59
21-211221	214 232	< 1	60	46	180	< 2	< 2	0.5	21	84	100	4.22	695	268	3.44
21-221231	214 232	< 1	50	60	120	< 2	< 2	1.0	38	239	90	5.49	910	476	6.32

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
 VANCOUVER, B.C.
 V6A 1C4

Project: 8178, 95, 99, 8262, 8304
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CERTIFICATE OF ANALYSIS A8913884

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20-021041	214	232	171	6.43	< 0.5	4.89	98	< 0.5	0.13	90	3.22	0.33				
20-041051	214	232	192	7.29	< 0.5	3.60	36	< 0.5	0.18	64	4.31	0.23				
20-051061	214	232	193	6.66	< 0.5	3.44	75	< 0.5	0.14	72	3.30	0.20				
20-061071	214	232	193	6.94	< 0.5	2.97	72	< 0.5	0.19	65	3.81	0.21				
20-071081	214	232	178	6.71	< 0.5	4.07	40	< 0.5	0.11	66	3.71	0.17				
20-081091	214	232	234	7.30	< 0.5	4.16	54	< 0.5	0.51	67	3.88	0.19				
20-091101	214	232	258	7.33	< 0.5	4.69	44	< 0.5	0.56	83	3.67	0.15				
20-101111	214	232	228	6.67	< 0.5	4.14	37	< 0.5	0.48	103	3.03	0.19				
20-111121	214	232	115	6.06	< 0.5	1.66	57	< 0.5	0.11	52	2.66	0.56				
20-121131	214	232	186	6.57	< 0.5	3.98	116	< 0.5	0.11	88	2.83	0.19				
20-131141	214	232	158	6.34	< 0.5	3.87	56	< 0.5	0.10	66	2.78	0.08				
20-141151	214	232	151	6.24	< 0.5	3.65	76	< 0.5	0.11	84	2.73	0.10				
20-151161	214	232	177	5.62	< 0.5	4.48	26	< 0.5	0.08	83	2.10	0.11				
20-161171	214	232	188	5.57	< 0.5	3.79	28	< 0.5	0.07	45	2.37	0.06				
20-171181	214	232	169	6.73	< 0.5	3.70	16	< 0.5	0.10	70	3.48	0.17				
20-181191	214	232	186	6.67	< 0.5	3.77	51	< 0.5	0.09	65	3.68	0.17				
20-191201	214	232	184	7.18	< 0.5	3.20	63	< 0.5	0.08	59	4.39	0.17				
20-201211	214	232	201	7.34	< 0.5	3.68	36	< 0.5	0.09	50	4.47	0.16				
20-211221	214	232	212	5.99	< 0.5	3.93	33	< 0.5	0.09	42	3.52	0.05				
21-021031	214	232	183	5.96	< 0.5	5.02	95	< 0.5	0.08	63	1.71	0.08				
21-031041	214	232	187	6.34	< 0.5	4.55	170	< 0.5	0.09	80	1.68	0.08				
21-041051	214	232	195	7.48	< 0.5	5.06	44	< 0.5	0.12	100	2.31	0.03				
21-051061	214	232	214	7.45	< 0.5	5.32	52	< 0.5	0.10	115	2.09	0.02				
21-061071	214	232	183	6.10	< 0.5	5.04	80	< 0.5	0.09	79	1.50	< 0.01				
21-071081	214	232	167	6.00	< 0.5	5.84	108	< 0.5	0.10	94	1.19	< 0.01				
21-081091	214	232	196	6.73	< 0.5	6.48	63	< 0.5	0.09	108	1.47	0.01				
21-091101	214	232	210	6.71	< 0.5	5.39	121	< 0.5	0.10	119	1.98	0.02				
21-101111	214	232	218	6.77	< 0.5	5.27	45	< 0.5	0.10	115	1.85	0.03				
21-111121	214	232	167	6.37	< 0.5	4.59	40	< 0.5	0.11	68	2.91	0.02				
21-121131	214	232	162	5.83	< 0.5	3.88	41	< 0.5	0.13	79	2.67	0.01				
21-131141	214	232	172	4.90	< 0.5	4.39	25	< 0.5	0.08	43	1.15	< 0.01				
21-141151	214	232	183	6.87	< 0.5	4.73	57	< 0.5	0.17	96	3.27	0.06				
21-151161	214	232	179	6.79	< 0.5	4.17	55	< 0.5	0.21	86	3.65	0.03				
21-161171	214	232	173	6.21	< 0.5	4.22	116	< 0.5	0.13	81	2.68	< 0.01				
21-171181	214	232	193	7.34	< 0.5	4.39	92	< 0.5	0.22	103	3.50	0.03				
21-181191	214	232	208	7.31	< 0.5	4.56	60	< 0.5	0.19	107	3.30	0.03				
21-191201	214	232	209	7.24	< 0.5	4.94	49	< 0.5	0.17	110	2.97	0.02				
21-201211	214	232	166	6.01	< 0.5	5.44	40	< 0.5	0.11	59	1.66	0.06				
21-211221	214	232	158	5.86	< 0.5	5.17	61	< 0.5	0.13	101	1.62	0.01				
21-221231	214	232	181	5.97	< 0.5	4.16	46	< 0.5	0.10	51	1.87	< 0.01				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178, 95, 99, 8262, 8304

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21-231241	214 232	< 1	10	54	80	< 2	< 2	< 0.5	46	206	280	4.88	880	408	5.92
21-241251	214 232	< 1	30	68	70	< 2	< 2	< 0.5	43	147	190	4.71	970	611	5.55
21-251261	214 232	< 1	40	56	100	< 2	< 2	< 0.5	33	87	200	5.23	760	188	3.49
21-261271	214 232	< 1	20	56	100	32	4	< 0.5	35	124	230	4.90	850	279	3.98
21-271281	214 232	< 1	10	38	100	4	< 2	< 0.5	33	119	220	4.58	720	243	4.01
21-281291	214 232	1	< 10	44	70	< 2	< 2	< 0.5	35	134	240	4.50	710	376	4.43
21-291301	214 232	2	30	46	100	< 2	< 2	< 0.5	31	94	300	4.70	655	225	3.03
21-301311	214 232	1	10	38	100	< 2	< 2	< 0.5	31	107	220	3.78	655	257	3.31
21-311321	214 232	2	30	48	120	< 2	< 2	< 0.5	38	134	430	4.74	805	374	4.48
21-321331	214 232	2	40	38	210	4	4	< 0.5	23	55	240	4.51	595	137	2.58
21-331341	214 232	< 1	20	38	120	4	< 2	< 0.5	32	111	360	4.10	675	254	3.60
21-341351	214 232	< 1	< 10	50	70	8	< 2	< 0.5	49	242	290	4.61	950	626	6.15
21-351361	214 232	1	10	58	120	4	< 2	< 0.5	39	156	280	4.63	905	353	5.17
21-361371	214 232	2	20	80	90	4	< 2	< 0.5	41	171	230	4.66	920	316	4.26
22-024031	214 232	< 1	30	52	120	< 2	< 2	< 0.5	41	158	740	4.84	750	299	4.80
22-031041	214 232	< 1	40	36	170	< 2	4	< 0.5	34	106	980	4.82	610	185	3.39
22-041051	214 232	< 1	50	38	140	< 2	6	< 0.5	25	45	610	4.44	565	94	2.16
22-051061	214 232	< 1	20	52	150	< 2	4	< 0.5	33	78	420	4.51	740	285	3.62
22-061071	214 232	< 1	20	54	170	< 2	< 2	1.0	28	96	230	5.05	765	311	4.05
22-071081	214 232	< 1	80	46	140	< 2	6	1.0	31	148	270	4.78	685	262	4.29
22-081091	214 232	< 1	40	38	110	< 2	2	0.5	23	78	220	4.46	680	197	3.13
22-091101	214 232	< 1	20	40	80	< 2	2	1.0	28	131	170	4.77	780	297	4.08
22-101111	214 232	< 1	40	34	160	< 2	< 2	< 0.5	27	70	540	4.35	570	124	2.75
22-111121	214 232	< 1	10	48	160	< 2	4	< 0.5	36	128	420	4.14	685	224	3.78
22-121131	214 232	< 1	90	52	140	< 2	< 2	< 0.5	43	186	760	4.53	740	304	4.85
22-131141	214 232	< 1	50	48	120	< 2	< 2	< 0.5	36	79	1210	4.08	780	310	4.23
22-141151	214 232	1	30	42	140	< 2	2	< 0.5	29	54	1700	4.09	650	130	2.63
22-151161	214 232	< 1	30	34	140	< 2	< 2	< 0.5	30	76	720	4.03	570	196	3.02
22-161171	214 232	2	60	40	170	< 2	< 2	< 0.5	33	111	520	4.42	625	235	3.52
22-171181	214 232	< 1	20	46	110	< 2	< 2	< 0.5	45	182	650	4.52	775	387	5.09
22-181191	214 232	< 1	100	122	120	52	52	1.5	36	112	300	8.90	1040	267	3.35
22-191201	214 232	< 1	80	164	120	54	54	< 0.5	42	140	360	8.00	1115	317	3.66
22-201211	214 232	< 1	20	48	120	< 2	2	< 0.5	31	75	460	3.97	670	191	2.70
22-211221	214 232	1	50	44	130	< 2	< 2	< 0.5	34	140	580	4.09	620	289	3.34
22-221231	214 232	< 1	10	54	110	< 2	< 2	< 0.5	42	174	670	4.26	760	422	4.63
22-231241	214 232	< 1	30	42	120	< 2	4	< 0.5	33	81	720	3.94	730	278	3.79
22-241251	214 232	< 1	30	60	160	< 2	2	< 0.5	31	52	770	4.38	795	163	3.01
22-251261	214 232	< 1	40	62	200	8	8	< 0.5	34	69	2260	4.54	800	166	3.33
22-261271	214 232	< 1	10	44	70	< 2	< 2	1.0	38	300	1160	4.91	910	508	6.52
22-271281	214 232	< 1	10	60	110	< 2	< 2	1.0	36	215	400	5.16	870	491	5.70

CERTIFICATION :

B. Coughlin



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21-231241	214 232	174	5.85	1.0	4.30	18	< 0.5	0.10	56	1.67	< 0.01				
21-241251	214 232	161	5.13	0.5	5.30	51	< 0.5	0.07	65	1.21	< 0.01				
21-251261	214 232	164	5.56	1.0	4.86	74	< 0.5	0.13	90	0.76	0.20				
21-261271	214 232	159	5.45	1.5	4.61	158	3.0	0.11	87	1.20	0.15				
21-271281	214 232	181	5.91	1.0	4.36	35	0.5	0.11	91	2.32	0.02				
21-281291	214 232	160	5.46	1.0	4.76	23	< 0.5	0.10	76	1.65	< 0.01				
21-291301	214 232	184	6.23	1.0	3.25	35	< 0.5	0.14	63	2.83	0.02				
21-301311	214 232	146	5.68	0.5	4.35	17	< 0.5	0.10	85	2.68	0.01				
21-311321	214 232	150	5.96	< 0.5	3.98	24	< 0.5	0.14	75	2.56	< 0.01				
21-321331	214 232	111	6.37	< 0.5	2.72	36	< 0.5	0.22	62	3.44	0.02				
21-331341	214 232	135	6.32	< 0.5	3.63	33	< 0.5	0.15	74	3.38	< 0.05				
21-341351	214 232	140	5.51	< 0.5	4.92	24	< 0.5	0.10	90	2.44	< 0.01				
21-351361	214 232	157	6.00	0.5	4.14	33	< 0.5	0.19	66	2.17	0.02				
21-361371	214 232	151	5.27	1.0	5.15	64	< 0.5	0.14	77	1.36	0.12				
22-024031	214 232	179	6.44	1.0	3.53	24	< 0.5	0.13	77	2.85	0.02				
22-031041	214 232	167	6.98	1.0	3.36	16	< 0.5	0.17	90	3.40	0.01				
22-041051	214 232	178	6.69	1.0	3.44	37	< 0.5	0.13	109	3.18	0.04				
22-051061	214 232	156	6.46	1.5	5.35	42	< 0.5	0.11	143	1.79	< 0.01				
22-061071	214 232	194	6.84	< 0.5	4.19	58	< 0.5	0.11	77	3.25	0.04				
22-071081	214 232	197	6.62	< 0.5	3.99	61	< 0.5	0.12	80	3.36	0.03				
22-081091	214 232	194	6.81	0.5	3.84	23	< 0.5	0.11	68	3.98	0.05				
22-091101	214 232	211	6.64	0.5	5.17	19	< 0.5	0.10	76	2.75	0.03				
22-101111	214 232	222	7.59	< 0.5	4.67	17	< 0.5	0.13	104	3.33	0.03				
22-111121	214 232	197	7.56	< 0.5	4.71	13	< 0.5	0.12	91	3.23	0.03				
22-121131	214 232	180	6.45	< 0.5	4.04	33	< 0.5	0.11	69	3.22	0.04				
22-131141	214 232	177	6.30	< 0.5	4.47	46	< 0.5	0.09	83	3.29	0.02				
22-141151	214 232	204	7.07	< 0.5	5.11	27	< 0.5	0.11	117	3.38	0.03				
22-151161	214 232	188	6.59	< 0.5	3.60	21	< 0.5	0.12	70	3.58	0.03				
22-161171	214 232	150	6.33	< 0.5	3.79	48	< 0.5	0.12	80	3.07	0.02				
22-171181	214 232	169	6.01	< 0.5	3.81	49	< 0.5	0.10	64	2.96	0.02				
22-181191	214 232	111	3.97	< 0.5	4.70	989	15.0	0.07	53	1.42	0.06				
22-191201	214 232	104	3.69	< 0.5	5.29	962	12.0	0.06	77	1.11	0.10				
22-201211	214 232	143	6.38	< 0.5	3.47	86	0.5	0.11	53	3.92	0.03				
22-211221	214 232	136	5.75	< 0.5	3.10	52	< 0.5	0.12	43	2.67	0.07				
22-221231	214 232	150	5.64	< 0.5	4.65	50	0.5	0.09	50	2.23	0.01				
22-231241	214 232	172	6.09	< 0.5	4.54	27	< 0.5	0.09	60	2.72	0.05				
22-241251	214 232	183	6.66	< 0.5	3.88	76	< 0.5	0.16	66	3.75	0.05				
22-251261	214 232	187	7.08	< 0.5	3.72	71	< 0.5	0.16	121	3.92	0.06				
22-261271	214 232	168	5.43	0.5	3.91	18	< 0.5	0.08	80	2.41	0.01				
22-271281	214 232	186	6.04	< 0.5	3.70	90	< 0.5	0.11	52	2.60	0.03				

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-2C1
 PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
 VANCOUVER, B.C.
 V6A 1C4

Project : 8178, 95, 99, 8262, 8304
 Comments: ATTN: ROB MOWER

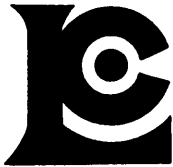
Page No. : 3-A
 Tot. Pages: 3
 Date : 16-APR-89
 Invoice # : I-8913884
 P.O. # : NONE

CERTIFICATE OF ANALYSIS A8913884

SAMPLE DESCRIPTION	PREP CODE		Mo ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Bi ppm (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Ni ppm (ICP)	Ba ppm (ICP)	Fe % (ICP)	Mn ppm (ICP)	Cr ppm (ICP)	Mg % (ICP)
22-281291	214	232	3	< 10	56	< 10	< 2	< 2	0.5	50	523	490	5.42	935	958	9.17
22-291301	214	232	< 1	20	46	20	< 2	< 2	1.0	34	225	270	5.17	885	600	6.12
22-301311	214	232	1	70	46	110	< 2	< 2	< 0.5	30	134	120	4.87	785	376	4.67
22-311321	214	232	1	110	70	70	< 2	< 2	< 0.5	39	304	190	5.41	905	398	5.88
22-321331	214	232	1	430	132	100	< 2	< 2	< 0.5	39	256	560	5.34	965	609	6.26
22-331341	214	232	< 1	240	94	110	4	< 2	< 0.5	33	183	960	4.72	860	451	5.21
22-341351	214	232	2	9420	1620	310	20	10	< 0.5	73	653	1030	4.85	815	517	4.87
22-351361	214	232	1	860	178	120	6	< 2	< 0.5	39	236	430	4.47	795	567	5.33
22-361371	214	232	2	880	180	110	< 2	< 2	< 0.5	34	210	400	4.81	760	512	4.89
22-371381	214	232	3	340	72	160	< 2	< 2	< 0.5	17	59	190	3.95	570	114	2.15
22-381391	214	232	1	220	86	160	< 2	< 2	< 0.5	25	65	990	5.02	790	196	3.58
22-391401	214	232	2	100	70	160	< 2	< 2	< 0.5	27	93	1180	4.95	855	261	4.09
22-401411	214	232	1	150	68	130	4	< 2	< 0.5	37	140	540	4.77	755	433	4.68
22-411421	214	232	2	170	64	140	< 2	< 2	< 0.5	23	71	910	4.35	725	289	3.42
22-421431	214	232	1	120	60	140	8	< 2	< 0.5	31	112	520	4.64	815	323	4.21
22-431441	214	232	1	150	62	230	4	< 2	< 0.5	21	90	290	3.93	585	208	2.98
22-441451	214	232	< 1	130	56	170	6	< 2	< 0.5	25	112	390	4.15	680	330	4.02
23-4151	214	232	1	50	52	680	18	< 2	< 0.5	8	15	930	2.41	555	63	0.89
23-5161	214	232	2	210	64	150	6	< 2	< 0.5	33	88	470	5.68	700	257	3.60
23-6171	214	232	1	250	74	40	< 2	< 2	0.5	36	77	300	5.33	670	138	3.07
23-7181	214	232	4	130	58	40	6	< 2	< 0.5	28	89	220	5.37	585	220	2.47
23-8191	214	232	2	120	48	90	< 2	< 2	< 0.5	42	120	230	7.05	545	205	2.36
23-91101	214	232	< 1	40	30	120	< 2	< 2	< 0.5	29	76	230	5.70	530	150	2.61
23-101111	214	232	4	70	54	130	18	< 14	< 0.5	24	85	390	6.11	680	207	3.00
23-111121	214	232	< 1	80	40	180	< 2	< 2	< 0.5	17	64	360	4.80	550	139	2.44
23-121131	214	232	2	40	56	100	< 2	< 2	< 0.5	24	161	640	6.84	850	444	5.11
23-131141	214	232	1	70	44	140	< 2	< 2	< 0.5	25	136	270	5.62	845	325	4.46
23-141151	214	232	1	100	44	190	< 2	< 2	< 0.5	17	65	240	4.69	570	109	2.75
23-151161	214	232	1	180	70	140	< 2	< 2	< 0.5	23	126	390	5.69	760	276	4.03
23-161171	214	232	1	160	52	210	< 2	6	< 0.5	16	57	390	4.85	485	125	2.13
23-171181	214	232	2	70	50	100	< 2	< 2	< 0.5	31	184	300	5.86	790	488	5.38
23-181191	214	232	1	140	56	170	< 2	< 2	< 0.5	21	81	300	4.77	635	169	3.13
23-191201	214	232	1	110	64	110	< 2	< 2	< 0.5	29	144	570	4.56	750	408	4.98
23-201211	214	232	1	20	46	100	< 2	< 2	< 0.5	28	165	860	5.25	870	574	5.48
23-211221	214	232	3	50	38	130	< 2	< 2	< 0.5	23	93	270	5.99	650	208	2.94
23-221231	214	232	2	130	54	120	< 2	< 2	< 0.5	29	110	290	6.94	730	307	3.86
23-231241	214	232	1	60	56	110	< 2	< 2	< 0.5	34	204	340	6.11	930	577	5.93

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: PLACER DOME INC.

323 ALEXANDER ST.
VANCOUVER, B.C.
V6A 1C4

Project: 8178, 95, 99, 8262, 8304

Comments: ATTN: ROB MOWER

Page No.: 3-B
Tot. Pages: 3
Date: 16-APR-89
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P.O. #: NONE

CERTIFICATE OF ANALYSIS A8913884

SAMPLE DESCRIPTION	PREP CODE	V ppm (ICP)	Al % (ICP)	Be ppm (ICP)	Ca % (ICP)	Cu ppm (ICP)	Ag ppm AAS	Ti % (ICP)	Sr ppm (ICP)	Na % (ICP)	K % (ICP)				
22-281291	214 232	156	4.61	< 0.5	4.47	20	< 0.5	0.08	38	1.27	< 0.01				
22-291301	214 232	192	5.93	< 0.5	4.35	18	< 0.5	0.08	45	2.56	0.03				
22-301311	214 232	176	6.53	< 0.5	3.66	25	< 0.5	0.09	41	3.14	0.04				
22-311321	214 232	201	6.12	< 0.5	3.81	130	< 0.5	0.09	45	1.34	0.01				
22-321331	214 232	179	6.00	< 0.5	3.88	130	< 0.5	0.08	72	2.38	0.02				
22-331341	214 232	180	6.12	< 0.5	4.20	99	< 0.5	0.11	80	2.40	0.01				
22-341351	214 232	171	5.96	< 0.5	4.28	2260	< 0.5	0.11	84	2.32	0.02				
22-351361	214 232	152	5.93	< 0.5	4.77	250	< 0.5	0.09	70	2.45	0.04				
22-361371	214 232	175	6.29	< 0.5	4.05	274	< 0.5	0.09	63	2.08	0.23				
22-371381	214 232	175	6.94	< 0.5	3.00	97	< 0.5	0.13	56	3.83	0.14				
22-381391	214 232	190	6.78	< 0.5	4.40	132	< 0.5	0.10	72	3.11	0.03				
22-391401	214 232	190	6.46	< 0.5	4.54	113	< 0.5	0.12	86	2.93	0.04				
22-401411	214 232	184	5.73	< 0.5	4.26	106	< 0.5	0.11	57	2.22	0.02				
22-411421	214 232	192	6.49	< 0.5	5.59	94	< 0.5	0.10	136	2.29	0.03				
22-421431	214 232	173	5.88	< 0.5	5.12	137	< 0.5	0.10	83	2.30	0.04				
22-431441	214 232	116	6.65	< 0.5	3.10	56	< 0.5	0.11	49	3.53	0.07				
22-441451	214 232	154	6.02	< 0.5	4.04	52	< 0.5	0.10	67	2.92	0.05				
23-4151	214 232	55	7.58	1.5	2.84	27	< 0.5	0.19	614	2.13	2.50				
23-5161	214 232	170	5.79	< 0.5	4.50	205	< 0.5	0.11	96	1.30	0.03				
23-6171	214 232	189	6.61	< 0.5	4.15	239	< 0.5	0.10	84	2.95	0.06				
23-7181	214 232	165	5.87	< 0.5	4.05	142	< 0.5	0.10	69	1.31	0.33				
23-8191	214 232	146	5.22	< 0.5	3.87	295	< 0.5	0.10	91	1.03	0.29				
23-91101	214 232	171	5.73	< 0.5	3.79	145	< 0.5	0.09	87	1.65	0.11				
23-101111	214 232	154	5.00	< 0.5	4.54	213	< 0.5	0.08	100	1.21	0.10				
23-111121	214 232	164	5.70	< 0.5	4.02	162	< 0.5	0.12	96	1.34	0.18				
23-121131	214 232	162	5.14	< 0.5	3.23	197	< 0.5	0.07	52	1.08	0.03				
23-131141	214 232	160	6.66	< 0.5	3.79	52	< 0.5	0.11	68	3.05	0.07				
23-141151	214 232	159	6.57	< 0.5	2.67	62	< 0.5	0.13	69	3.21	0.06				
23-151161	214 232	175	6.43	< 0.5	3.25	102	< 0.5	0.12	63	2.68	0.05				
23-161171	214 232	146	6.00	< 0.5	2.77	225	< 0.5	0.15	58	2.46	0.13				
23-171181	214 232	179	5.75	< 0.5	5.02	65	< 0.5	0.09	43	1.24	0.16				
23-181191	214 232	172	6.60	< 0.5	3.85	101	< 0.5	0.13	78	2.37	0.13				
23-191201	214 232	178	6.27	< 0.5	3.92	73	< 0.5	0.16	64	2.70	0.06				
23-201211	214 232	167	5.39	< 0.5	4.53	75	< 0.5	0.09	62	1.94	0.06				
23-211221	214 232	174	6.22	< 0.5	4.10	175	< 0.5	0.11	91	1.67	0.22				
23-221231	214 232	166	5.86	< 0.5	4.24	272	< 0.5	0.09	76	1.63	0.16				
23-231241	214 232	172	5.87	< 0.5	3.78	96	< 0.5	0.09	57	1.66	0.07				

CERTIFICATION : B. Coughlin