

Banifing Baolé Area (1)

Serial No.	Sample No.	UTM Coordination East (m)	UTM Coordination North (m)	Au ppb	As ppm	Mn ppm	Cr ppm	V ppm	Zn ppm	Ni ppm	Cu ppm	Co ppm	Depth (cm)	Color	Soil Horizon	Outcrop or Float
1	BB-A698980	698980	1361275	570	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
2	BB-A699005	699005	1361275	12	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
3	BB-A699030	699030	1361275	11	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
4	BB-A699055	699055	1361275	12	-	-	-	-	-	-	-	-	30	brown	Late. F. soil	
5	BB-A699080	699080	1361275	19	-	-	-	-	-	-	-	-	30	brown	Late. F. soil	
6	BB-A699105	699105	1361275	21	-	-	-	-	-	-	-	-	30	brown	Late. F. soil	
7	BB-A699130	699130	1361275	6	-	-	-	-	-	-	-	-	30	brown	Late. F. soil	
8	BB-A699155	699155	1361275	9	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
9	BB-A699180	699180	1361275	5	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
10	BB-A699205	699205	1361275	2	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
11	BB-A699230	699230	1361275	8	-	-	-	-	-	-	-	-	10	reddish gray	Late. Crust	Crust
12	BB-B698980	698980	1361225	6	-	-	-	-	-	-	-	-	10	reddish gray	Late. Crust	Crust
13	BB-B699005	699005	1361225	11	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
14	BB-B699030	699030	1361225	6	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
15	BB-B699055	699055	1361225	12	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
16	BB-B699080	699080	1361225	7	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
17	BB-B699105	699105	1361225	3	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
18	BB-B699130	699130	1361225	11	-	-	-	-	-	-	-	-	10	reddish gray	Late. Crust	Crust
19	BB-B699155	699155	1361225	10	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
20	BB-B699180	699180	1361225	13	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
21	BB-B699205	699205	1361225	6	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
22	BB-B699230	699230	1361225	8	-	-	-	-	-	-	-	-	10	reddish gray	Late. Crust	Crust
23	BB-C698980	698975	1361175	7	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
24	BB-C699005	699000	1361175	6	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
25	BB-C699030	699025	1361175	11	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
26	BB-C699055	699050	1361175	16	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
27	BB-C699080	699075	1361175	7	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
28	BB-C699105	699100	1361175	10	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
29	BB-C699130	699125	1361175	5	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
30	BB-C699155	699150	1361175	13	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
31	BB-C699180	699175	1361175	9	-	-	-	-	-	-	-	-	30	reddish gray	Late. Crust	
32	BB-C699205	699200	1361175	11	-	-	-	-	-	-	-	-	30	yellowish gray	Late. Crust	
33	BB-C699230	699225	1361175	12	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
34	BB-D698980	698975	1361125	11	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
35	BB-D699005	699000	1361125	5	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
36	BB-D699030	699025	1361125	9	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
37	BB-D699055	699050	1361125	10	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
38	BB-D699080	699075	1361125	8	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
39	BB-D699105	699100	1361125	9	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
40	BB-D699130	699125	1361125	10	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
41	BB-D699155	699150	1361125	11	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
42	BB-D699180	699175	1361125	14	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
43	BB-D699205	699200	1361125	11	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
44	BB-D699230	699225	1361125	8	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
45	BB-E698980	698125	1361075	7	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
46	BB-E699005	698150	1361075	9	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
47	BB-E699030	698175	1361075	6	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
48	BB-E699055	698200	1361075	9	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
49	BB-E699080	698225	1361075	13	-	-	-	-	-	-	-	-	30	yellowish gray	Froat soil	
50	BB-E699105	698250	1361075	6	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
51	BB-E699130	698275	1361075	9	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
52	BB-E699155	698300	1361075	6	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
53	BB-E699180	698325	1361075	<1	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
54	BB-E699205	698350	1361075	15	-	-	-	-	-	-	-	-	30	reddish gray	Late. Crust	
55	BB-E699230	698375	1361075	9	-	-	-	-	-	-	-	-	30	yellowish gray	Late. Crust	
56	BB-F698980	698980	1361025	8	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
57	BB-F699005	699005	1361025	3	-	-	-	-	-	-	-	-	30	light gray	Late. F. soil	
58	BB-F699030	699030	1361025	12	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
59	BB-F699055	699055	1361025	11	-	-	-	-	-	-	-	-	30	reddish gray	Gravel	
60	BB-F699080	699080	1361025	7	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
61	BB-F699105	699105	1361025	11	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
62	BB-F699130	699130	1361025	10	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
63	BB-F699155	699155	1361025	9	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
64	BB-F699180	699180	1361025	5	-	-	-	-	-	-	-	-	30	light gray	Late. F. soil	
65	BB-F699205	699205	1361025	12	-	-	-	-	-	-	-	-	30	reddish gray	Gravel	
66	BB-F699230	699230	1361025	7	-	-	-	-	-	-	-	-	30	reddish gray	Gravel	
67	BB-G698980	698125	1360975	4	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
68	BB-G699005	698150	1360975	10	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
69	BB-G699030	698175	1360975	9	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
70	BB-G699055	698200	1360975	12	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
71	BB-G699080	698225	1360975	339	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
72	BB-G699105	698250	1360975	13	-	-	-	-	-	-	-	-	30	gray	Froat soil	
73	BB-G699130	698275	1360975	9	-	-	-	-	-	-	-	-	30	gray	Late. F. soil	
74	BB-G699155	698300	1360975	8	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
75	BB-G699180	698325	1360975	10	-	-	-	-	-	-	-	-	30	yellowish gray	Late. F. soil	
76	BB-G699205	698350	1360975	9	-	-	-	-	-	-	-	-	30	reddish gray	Late. F. soil	
77	BB-G699230	698375	1360975	8	-	-	-	-	-	-	-	-	20	reddish gray	Late. Crust	

Banifing Baolé Area (2)

Serial No.	Sample No.	UTM Coordination		Au	As	Mn	Cr	V	Zn	Ni	Cu	Co	Depth	Color	Soil Horizon	Outcrop or Float
		East (m)	North (m)	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	(cm)			
78	BB-1698980	698980	1360925	9	-	-	-	-	-	-	-	-	30	light gray	Gravel	
79	BB-1699005	699005	1360925	12	-	-	-	-	-	-	-	-	30	yellowish gray	Gravel	
80	BB-1699030	699030	1360925	10	-	-	-	-	-	-	-	-	30	brown	Gravel	
81	BB-1699055	699055	1360925	4	-	-	-	-	-	-	-	-	30	brown	Gravel	
82	BB-1699080	699080	1360925	11	-	-	-	-	-	-	-	-	20	brown	Gravel	
83	BB-1699105	699105	1360925	5	-	-	-	-	-	-	-	-	30	brown	Gravel	
84	BB-1699130	699130	1360925	13	-	-	-	-	-	-	-	-	30	yellowish gray	Surface soil	
85	BB-1699155	699155	1360925	11	-	-	-	-	-	-	-	-	20	brown	Late. F. soil	Crust fl.
86	BB-1699180	699180	1360925	12	-	-	-	-	-	-	-	-	20	brown	Late. F. soil	Crust fl.
87	BB-1699205	699205	1360925	17	-	-	-	-	-	-	-	-	20	brown	Late. F. soil	Crust fl.
88	BB-1699230	699230	1360925	9	-	-	-	-	-	-	-	-	30	brown	Late. F. soil	Crust fl.
89	BB-1698980	698980	1360875	10	-	-	-	-	-	-	-	-	30	yellowish gray	Surface soil	
90	BB-1699005	699005	1360875	16	-	-	-	-	-	-	-	-	30	yellowish gray	Surface soil	
91	BB-1699030	699030	1360875	7	-	-	-	-	-	-	-	-	30	yellowish gray	Surface soil	
92	BB-1699055	699055	1360875	5	-	-	-	-	-	-	-	-	30	brown	Gravel	
93	BB-1699080	699080	1360875	12	-	-	-	-	-	-	-	-	30	brown	Gravel	
94	BB-1699105	699105	1360875	5	-	-	-	-	-	-	-	-	30	reddish gray	Surface soil	
95	BB-1699130	699130	1360875	12	-	-	-	-	-	-	-	-	30	brown	Gravel	
96	BB-1699155	699155	1360875	11	-	-	-	-	-	-	-	-	30	brown	Gravel	
97	BB-1699180	699180	1360875	8	-	-	-	-	-	-	-	-	30	brown	Gravel	
98	BB-1699205	699205	1360875	9	-	-	-	-	-	-	-	-	20	brown	Late. F. soil	Crust fl.
99	BB-1699230	699230	1360875	13	-	-	-	-	-	-	-	-	20	brown	Late. F. soil	Crust fl.

MDRC-1

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	28	43	601	89	81	88	58	41	32
1-2M	13	10	249	110	56	51	30	17	13
2-3M	7	18	356	107	73	67	39	33	16
3-4M	6	15	439	214	61	81	39	40	15
4-5M	1	9	365	242	60	103	43	32	17
5-6M	<1	33	424	103	70	761	55	90	23
6-7M	11	29	495	100	84	804	65	91	27
7-8M	10	42	414	94	65	304	52	54	24
8-9M	3	36	384	100	76	280	47	56	22
9-10M	12	29	344	70	59	176	45	51	21
10-11M	18	14	380	78	78	226	49	66	21
11-12M	6	20	442	86	88	111	59	72	26
12-13M	<1	17	415	98	106	631	58	99	26
13-14M	<1	44	549	157	129	518	31	43	22
14-15M	4	47	439	93	87	425	39	64	19
15-16M	12	17	294	80	67	187	33	35	16
16-17M	15	10	368	106	73	108	47	46	21
17-18M	19	6	351	77	80	72	39	36	18
18-19M	14	15	361	130	81	61	35	19	17
19-20M	11	18	320	66	56	71	33	27	16
20-21M	2	54	312	71	66	133	32	24	16
21-22M	1	34	409	70	61	118	61	70	26
22-23M	2	<5	345	82	91	107	72	93	27
23-24M	2	<5	327	63	66	106	66	69	25
24-25M	14	<5	285	59	50	85	45	40	21
25-26M	9	<5	275	61	50	77	41	32	19
26-27M	3	<5	275	75	84	82	58	59	22
27-28M	7	8	295	64	69	92	56	55	22
28-29M	1	33	263	67	55	1132	48	52	19
29-30M	3	52	288	59	44	4140	44	49	19
30-31M	<1	36	355	69	54	1166	31	38	15
31-32M	2	52	330	88	64	571	31	33	14
32-33M	4	38	337	77	68	146	32	26	16
33-34M	4	13	255	101	104	342	65	57	20
34-35M	7	18	267	92	83	405	39	31	17
35-36M	<1	119	330	71	58	2807	41	88	18
36-37M	6	59	292	88	68	50	26	15	13
37-38M	12	27	340	88	83	57	32	12	17
38-39M	30	20	378	90	82	56	31	33	16
39-40M	23	25	429	93	71	135	31	28	15
40-41M	17	28	278	126	69	49	31	29	14
41-42M	18	22	289	127	68	47	33	25	15
42-43M	16	19	325	120	74	63	37	32	18
43-44M	21	35	444	167	88	66	43	67	19
44-45M	60	21	297	133	75	57	35	51	16
45-46M	50	18	411	119	84	92	57	84	25
46-47M	50	17	442	117	87	97	60	90	26
47-48M	22	35	351	110	67	77	50	29	22
48-49M	20	9	274	115	67	55	47	47	16
49-50M	26	19	415	122	86	81	51	38	22
50-51M	28	16	522	139	117	88	61	84	26
51-52M	12	13	324	142	63	56	35	17	16
52-53M	8	7	254	127	66	46	30	22	13
53-54M	7	<5	262	121	64	47	30	18	14
54-55M	22	<5	268	126	74	46	28	30	13
55-56M	27	<5	325	156	79	51	32	17	15
56-57M	11	<5	273	130	75	44	28	19	13
57-58M	31	<5	288	185	73	46	31	40	13
58-59M	4	15	246	186	65	45	28	37	11
59-60M	899	29	188	200	51	34	26	20	10

MDRC-2

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	14	7	362	93	76	49	29	37	14
1-2M	18	<5	305	91	78	50	30	25	13
2-3M	11	14	458	117	67	55	30	27	14
3-4M	14	14	397	124	88	61	36	37	16
4-5M	13	7	336	120	81	53	35	21	15
5-6M	12	8	350	107	91	57	32	17	16
6-7M	11	10	307	144	86	54	33	31	14
7-8M	10	19	447	103	88	64	41	49	20
8-9M	17	29	607	204	113	99	72	55	27
9-10M	23	14	448	107	101	106	55	87	24
10-11M	25	26	454	114	119	104	57	82	26
11-12M	8	151	427	193	102	82	64	40	27
12-13M	10	42	420	349	93	66	54	13	20
13-14M	17	15	382	81	93	63	39	26	17
14-15M	6	37	526	198	122	73	52	34	27
15-16M	10	47	612	222	140	86	57	53	28
16-17M	11	48	615	321	138	103	90	29	28
17-18M	21	36	449	126	130	80	53	42	23
18-19M	12	10	277	148	67	44	30	20	13
19-20M	23	33	568	142	128	84	60	48	28
20-21M	5	<5	666	28	105	83	3	22	18
21-22M	14	<5	594	37	103	82	5	19	18
22-23M	24	45	642	118	116	89	28	17	23
23-24M	15	36	441	142	128	85	53	63	24
24-25M	26	35	382	122	101	65	41	31	21
25-26M	27	66	331	163	94	71	37	25	16
26-27M	19	11	250	135	65	47	29	14	12
27-28M	21	18	291	171	68	52	31	27	13
28-29M	90	74	465	121	100	92	57	41	25
29-30M	31	27	359	159	83	75	45	40	21
30-31M	23	24	460	129	113	83	32	31	20
31-32M	11	20	386	153	87	73	46	40	20
32-33M	12	6	478	117	80	95	56	65	24
33-34M	10	14	398	148	76	83	51	43	22
34-35M	8	20	404	151	104	74	46	38	21
35-36M	9	228	384	404	85	59	145	34	31
36-37M	8	44	322	277	50	31	41	20	12
37-38M	10	13	303	133	68	51	32	28	13
38-39M	26	45	369	133	88	79	52	49	22
39-40M	24	11	380	82	76	82	46	51	20
40-41M	7	<5	418	111	69	89	55	70	23
41-42M	<1	<5	373	117	72	85	53	63	22
42-43M	5	<5	424	112	76	93	57	64	23
43-44M	12	<5	374	103	75	87	57	58	23
44-45M	5	<5	250	112	55	53	30	25	12
45-46M	3	7	316	98	72	58	31	24	14
46-47M	19	54	377	197	78	59	42	21	21
47-48M	17	19	431	155	98	81	51	59	24
48-49M	15	31	376	93	95	78	44	31	20
49-50M	9	<5	312	84	75	67	36	36	16
50-51M	7	11	403	82	82	80	43	34	19
51-52M	11	19	418	140	101	78	47	34	20
52-53M	9	45	464	107	106	89	49	29	22
53-54M	<1	6	496	100	66	72	38	40	15
54-55M	23	16	380	153	79	77	47	29	20
55-56M	10	10	365	172	89	78	49	38	20
56-57M	9	<5	335	151	60	72	40	31	16
57-58M	7	<5	461	177	72	84	55	54	21
58-59M	7	<5	475	96	85	77	42	49	18
59-60M	12	8	323	89	71	68	37	31	17

MDRC-3

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	16	35	1009	430	118	47	106	137	66
1-2M	15	11	384	105	97	42	33	136	17
2-3M	11	9	610	80	84	36	36	146	28
3-4M	13	12	317	73	103	70	30	87	15
4-5M	2	<5	611	24	112	90	29	34	22
5-6M	3	5	457	66	110	71	30	44	15
6-7M	6	<5	612	51	98	56	55	72	21
7-8M	9	<5	1329	314	70	50	140	44	27
8-9M	6	<5	2466	487	73	56	210	21	34
9-10M	8	<5	722	341	86	61	132	30	23
10-11M	7	<5	704	31	88	60	61	58	22
11-12M	4	8	666	32	104	82	47	40	26
12-13M	7	5	551	25	97	67	37	40	20
13-14M	8	11	442	32	88	62	33	29	20
14-15M	9	9	602	329	88	62	103	42	20
15-16M	6	26	961	72	123	109	34	106	30
16-17M	3	26	723	29	127	218	12	34	21
17-18M	7	22	749	377	98	122	131	62	29
18-19M	8	27	1002	603	101	122	223	21	39
19-20M	10	39	711	536	84	96	209	20	30
20-21M	12	103	875	634	95	77	332	3	39
21-22M	14	41	546	452	84	71	176	34	29
22-23M	16	14	248	96	68	75	41	54	16
23-24M	11	16	462	83	66	76	41	43	23
24-25M	16	48	583	238	86	92	136	98	34
25-26M	18	22	566	298	81	92	163	47	27
26-27M	32	26	635	470	85	74	290	4	33
27-28M	20	13	402	183	78	71	83	62	20
28-29M	24	<5	292	109	70	79	44	47	19
29-30M	25	<5	282	92	58	88	42	50	18
30-31M	27	<5	290	94	53	75	40	39	18
31-32M	43	7	283	99	60	72	37	48	17
32-33M	28	20	299	92	58	67	35	34	16
33-34M	31	19	399	144	60	84	48	41	20
34-35M	17	15	333	220	52	70	41	37	17
35-36M	29	7	444	63	78	60	10	24	12
36-37M	8	<5	506	39	76	69	9	20	11
37-38M	24	<5	548	72	117	85	20	55	18
38-39M	74	16	517	156	114	83	42	39	24
39-40M	394	38	337	106	87	77	37	55	17
40-41M	157	148	290	204	57	51	35	34	16
41-42M	44	100	372	198	67	77	45	46	21
42-43M	167	131	419	166	77	96	54	56	25
43-44M	47	56	319	203	56	75	42	34	18
44-45M	44	28	351	347	91	91	47	44	18
45-46M	40	27	471	332	104	93	49	58	22
46-47M	22	34	308	90	66	74	34	37	17
47-48M	29	37	300	94	68	73	34	30	17
48-49M	20	34	279	101	69	71	34	32	16
49-50M	32	8	315	76	55	87	40	42	17
50-51M	29	<5	351	74	54	103	44	51	20
51-52M	47	<5	336	63	52	103	46	46	20
52-53M	35	14	332	81	62	97	45	53	20
53-54M	37	26	311	71	54	88	39	35	18
54-55M	32	10	383	57	52	107	48	40	20
55-56M	40	<5	412	125	61	124	59	70	24
56-57M	41	39	366	141	62	100	52	42	21
57-58M	49	48	286	102	58	80	40	31	18
58-59M	42	27	461	134	48	67	48	60	21
59-60M	102	62	589	100	44	86	57	53	25

MDRC-4

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	49	24	320	52	53	46	31	78	19
1-2M	6	9	306	37	39	41	28	43	14
2-3M	8	8	341	46	48	44	31	51	17
3-4M	1	7	275	36	34	38	24	28	11
4-5M	30	8	279	38	35	40	25	60	13
5-6M	5	9	416	37	36	37	24	83	15
6-7M	3	8	197	40	37	38	22	71	13
7-8M	16	5	207	38	35	40	24	43	13
8-9M	4	7	886	31	29	37	25	26	11
9-10M	3	5	290	33	30	43	25	46	16
10-11M	3	8	234	31	29	43	25	36	16
11-12M	<1	9	209	35	34	46	25	32	14
12-13M	<1	9	175	40	40	49	24	33	12
13-14M	3	13	203	34	33	49	24	34	13
14-15M	<1	10	252	40	37	47	26	23	12
15-16M	2	9	355	38	35	46	29	26	11
16-17M	25	20	387	70	74	84	40	28	22
17-18M	<1	19	185	38	37	50	26	56	14
18-19M	<1	12	145	46	43	42	22	73	11
19-20M	5	7	141	35	34	41	25	44	12
20-21M	5	12	226	39	37	52	27	28	16
21-22M	6	7	168	40	39	54	30	30	14
22-23M	3	9	200	59	63	55	28	50	13
23-24M	8	6	258	59	60	55	34	38	17
24-25M	1	6	177	38	38	51	30	34	16
25-26M	5	<5	181	41	41	56	32	40	15
26-27M	10	7	307	65	72	77	50	44	22
27-28M	18	10	340	58	60	61	37	33	16
28-29M	5	5	238	33	31	42	24	25	9
29-30M	8	10	263	57	60	59	33	15	12
30-31M	7	29	178	30	31	50	24	29	15
31-32M	14	10	246	50	54	60	31	51	16
32-33M	9	9	182	41	42	54	26	32	13
33-34M	9	13	277	43	47	67	28	27	15
34-35M	7	32	578	249	106	101	59	35	25
35-36M	14	13	360	56	59	68	38	40	19
36-37M	12	9	303	58	62	62	36	36	17
37-38M	25	21	282	60	63	72	30	28	15
38-39M	38	15	416	77	92	82	41	66	18
39-40M	21	14	248	55	61	61	31	40	14
40-41M	29	12	245	57	53	60	38	41	16
41-42M	19	12	300	52	51	65	40	51	17
42-43M	34	25	297	63	72	70	34	33	17
43-44M	26	29	448	97	80	96	38	51	21
44-45M	12	57	624	154	92	59	47	22	31
45-46M	11	18	231	39	37	33	29	38	16
46-47M	87	12	405	40	37	35	27	42	14
47-48M	50	7	402	51	56	55	45	33	23
48-49M	28	17	384	107	96	64	50	71	27
49-50M	13	38	1072	326	117	62	73	12	29
50-51M	262	14	316	82	91	59	41	67	21
51-52M	16	6	641	51	50	66	38	52	17
52-53M	4	9	1065	51	49	64	35	54	15
53-54M	22	44	743	44	44	96	55	116	27
54-55M	15	8	317	65	75	115	51	65	21
55-56M	9	25	343	60	68	87	33	47	17
56-57M	15	29	279	52	53	79	28	36	14
57-58M	9	33	341	57	60	76	28	27	14
58-59M	<1	24	251	40	38	51	31	27	15
59-60M	3	16	257	40	39	87	33	29	18

MDRC-5

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	9	6	336	81	74	53	45	3	22
1-2M	7	<5	424	68	56	61	44	1	25
2-3M	6	<5	285	62	51	56	33	2	17
3-4M	5	<5	245	75	53	51	33	6	15
4-5M	16	<5	354	93	73	68	47	4	21
5-6M	6	<5	547	87	81	69	49	16	17
6-7M	5	<5	468	78	77	82	52	23	22
7-8M	6	<5	429	65	54	66	38	11	17
8-9M	4	<5	785	73	61	66	40	3	19
9-10M	3	<5	2101	85	75	62	48	2	23
10-11M	<1	<5	2181	90	89	71	52	5	24
11-12M	18	5	468	80	64	68	43	26	22
12-13M	5	7	385	81	66	71	41	3	22
13-14M	11	<5	195	71	38	32	22	2	12
14-15M	2	<5	529	51	34	27	22	2	11
15-16M	3	<5	442	77	68	63	41	1	17
16-17M	29	6	336	78	57	51	33	2	16
17-18M	6	7	594	99	87	64	48	4	21
18-19M	10	<5	567	77	74	59	47	3	19
19-20M	8	<5	391	79	60	66	41	4	18
20-21M	13	<5	511	107	58	58	41	4	15
21-22M	10	5	470	90	60	64	42	9	16
22-23M	8	<5	570	108	91	67	44	5	19
23-24M	9	<5	275	84	57	47	31	8	15
24-25M	8	<5	542	89	63	70	41	16	18
25-26M	12	<5	286	98	80	54	32	6	16
26-27M	2	6	450	81	63	58	34	5	17
27-28M	3	<5	715	99	100	72	49	63	23
28-29M	11	<5	628	83	74	56	34	17	22
29-30M	50	<5	959	196	55	55	43	6	25
30-31M	13	<5	712	171	101	78	44	2	32
31-32M	5	<5	598	112	104	72	51	8	27
32-33M	8	<5	452	79	58	49	33	3	16
33-34M	3	<5	319	59	47	73	38	11	16
34-35M	4	<5	327	65	48	69	35	15	16
35-36M	3	<5	382	78	58	64	36	6	17
36-37M	8	<5	381	75	52	66	35	6	16
37-38M	15	5	388	78	48	57	29	3	15
38-39M	9	<5	376	84	59	58	37	14	17
39-40M	15	5	432	74	62	63	37	10	16
40-41M	41	<5	399	71	54	71	43	8	19
41-42M	8	<5	430	79	57	59	38	21	17
42-43M	15	<5	401	81	63	70	43	15	19
43-44M	10	<5	531	68	54	81	46	13	19
44-45M	7	<5	488	65	50	72	41	13	17
45-46M	1	6	509	69	51	65	41	18	17
46-47M	7	<5	450	60	48	67	40	20	17
47-48M	4	10	612	77	62	63	42	18	17
48-49M	77	5	434	80	36	42	26	32	10
49-50M	9	9	525	87	62	67	39	6	17
50-51M	8	<5	422	72	52	66	40	11	16
51-52M	10	<5	408	86	53	60	37	11	15
52-53M	2	6	404	101	69	54	36	5	14
53-54M	25	12	535	71	53	62	37	19	16
54-55M	9	<5	559	62	43	54	32	9	15
55-56M	8	13	470	84	69	52	47	25	20
56-57M	32	<5	386	80	68	43	40	30	15
57-58M	14	13	611	64	46	46	32	51	17
58-59M	17	23	490	104	77	53	35	43	18
59-60M	13	22	461	97	72	50	35	36	17

MDRC-6

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	5	9	454	169	83	36	32	17	20
1-2M	4	10	522	140	113	43	35	120	19
2-3M	5	9	348	102	81	46	37	31	16
3-4M	7	8	495	175	105	67	71	29	27
4-5M	5	10	642	184	89	69	84	40	35
5-6M	4	11	547	198	85	65	78	24	37
6-7M	4	6	458	174	61	54	78	36	28
7-8M	6	8	600	166	60	55	78	21	30
8-9M	2	9	551	187	76	65	89	62	37
9-10M	50	14	939	177	67	63	98	33	36
10-11M	3	11	509	203	92	70	69	40	32
11-12M	5	10	506	216	95	68	71	29	30
12-13M	5	10	429	174	99	53	45	72	18
13-14M	4	<5	210	81	36	31	23	39	10
14-15M	10	<5	287	121	67	39	29	31	14
15-16M	8	9	468	172	59	55	69	19	28
16-17M	20	12	522	155	104	72	58	29	27
17-18M	9	8	304	82	66	60	40	74	17
18-19M	6	9	365	75	50	50	37	103	15
19-20M	5	5	330	84	53	53	28	91	12
20-21M	4	<5	209	74	43	47	22	48	10
21-22M	6	7	224	70	48	46	22	45	10
22-23M	10	8	250	81	53	47	26	74	10
23-24M	<1	9	283	100	56	46	27	101	11
24-25M	9	8	417	114	69	58	33	63	13
25-26M	5	6	315	109	75	57	31	76	14
26-27M	8	9	300	132	64	50	30	102	12
27-28M	5	9	246	174	52	46	27	75	10
28-29M	3	12	322	122	83	52	34	96	12
29-30M	5	12	398	140	89	57	40	92	13
30-31M	6	12	269	89	52	45	36	114	14
31-32M	5	12	283	129	81	48	40	111	14
32-33M	8	12	244	103	59	39	30	89	11
33-34M	8	16	271	104	63	40	34	64	11
34-35M	11	20	330	93	61	41	32	133	11
35-36M	22	36	425	100	70	49	38	43	13
36-37M	10	19	753	212	74	54	47	5	14
37-38M	177	17	1240	388	99	67	74	16	19
38-39M	8	31	1167	398	108	80	86	164	36
39-40M	1	22	770	207	86	68	52	63	31
40-41M	12	15	890	204	93	63	48	55	27
41-42M	14	14	761	203	89	63	50	33	25
42-43M	5	11	706	213	93	63	51	37	24
43-44M	6	20	812	181	83	72	42	68	23
44-45M	7	11	796	213	92	64	48	32	24
45-46M	10	16	572	199	86	58	49	38	23
46-47M	23	12	702	199	90	62	47	31	23
47-48M	13	19	628	189	86	55	47	70	26
48-49M	19	11	953	375	92	59	67	24	25
49-50M	19	11	1152	217	71	49	50	29	19
50-51M	24	8	806	103	81	59	36	141	15
51-52M	22	99	513	93	66	56	43	44	22
52-53M	31	50	761	192	84	61	52	29	29
53-54M	15	35	692	180	74	53	56	24	22
54-55M	40	64	812	213	76	58	58	12	23
55-56M	27	63	885	196	76	55	53	11	23
56-57M	21	518	1408	184	72	129	75	189	58
57-58M	24	220	963	224	100	110	57	142	34
58-59M	30	57	596	217	94	67	47	35	23
59-60M	29	12	808	183	86	62	42	38	21

MDRC-7

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	19	<5	244	125	65	23	32	7	12
1-2M	74	<5	202	149	75	27	35	13	12
2-3M	16	<5	228	136	80	26	37	26	12
3-4M	11	<5	225	145	60	16	23	32	11
4-5M	15	<5	160	113	63	23	33	28	11
5-6M	14	<5	340	125	63	23	33	17	13
6-7M	884	<5	212	125	62	21	33	19	11
7-8M	296	<5	201	112	69	25	37	13	11
8-9M	18	<5	131	194	59	20	27	15	7
9-10M	13	<5	273	131	92	32	39	16	14
10-11M	10	<5	323	168	91	46	64	5	14
11-12M	9	<5	269	181	83	34	56	15	14
12-13M	12	<5	185	192	67	25	44	3	11
13-14M	12	<5	314	233	60	21	40	7	10
14-15M	46	<5	124	179	58	17	36	18	8
15-16M	131	<5	191	150	74	28	44	40	11
16-17M	22	<5	210	115	66	27	39	28	13
17-18M	26	<5	314	119	90	37	52	22	15
18-19M	9	<5	213	139	61	23	33	6	10
19-20M	10	<5	140	148	46	15	27	2	9
20-21M	4	<5	240	245	67	24	41	11	11
21-22M	2	8	822	139	92	39	48	50	18
22-23M	4	<5	357	106	85	36	46	41	16
23-24M	4	6	261	101	74	33	41	22	14
24-25M	14	<5	258	73	89	34	40	93	13
25-26M	<1	<5	185	97	76	23	31	108	10
26-27M	4	8	192	138	77	24	35	25	11
27-28M	22	<5	199	114	56	17	28	9	8
28-29M	9	<5	216	115	66	19	29	13	10
29-30M	3	<5	158	79	86	21	33	24	9
30-31M	6	<5	189	116	89	28	36	3	10
31-32M	4	<5	233	143	90	33	42	21	11
32-33M	7	5	245	117	47	23	31	46	8
33-34M	9	25	360	82	58	36	46	20	11
34-35M	10	24	509	157	76	37	44	65	14
35-36M	2	<5	176	105	43	19	26	8	8
36-37M	12	7	696	121	64	26	33	61	10
37-38M	6	<5	306	131	62	24	34	13	10
38-39M	7	<5	209	139	53	19	32	18	9
39-40M	15	7	438	161	62	27	39	43	11
40-41M	234	7	469	186	63	30	46	50	12
41-42M	9	<5	879	203	53	19	35	7	10
42-43M	23	<5	632	128	67	36	46	46	13
43-44M	9	<5	494	146	63	31	42	21	13
44-45M	7	<5	894	98	52	28	32	2	10
45-46M	3	<5	741	106	53	29	33	4	10
46-47M	27	<5	391	142	60	30	39	30	11
47-48M	9	<5	706	163	73	41	52	31	15
48-49M	27	<5	647	180	72	42	49	33	14
49-50M	27	7	561	181	99	62	47	30	16
50-51M	12	6	413	220	64	43	43	16	14
51-52M	9	5	357	239	58	40	41	14	13
52-53M	10	11	382	216	50	37	37	42	14
53-54M	8	51	518	167	63	50	48	62	20
54-55M	11	9	462	106	41	51	51	56	22
55-56M	8	<5	424	166	44	46	48	49	21
56-57M	11	16	438	154	62	49	48	28	20
57-58M	60	7	600	113	61	54	49	20	16
58-59M	22	16	691	159	95	61	48	26	14
59-60M	20	137	471	187	92	69	54	95	22

MDRC-8

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	35	8	450	170	113	105	49	164	21
1-2M	28	5	382	115	85	64	45	106	18
2-3M	11	<5	376	86	74	65	45	129	18
3-4M	29	6	259	115	72	50	36	92	13
4-5M	16	7	464	105	78	47	40	147	15
5-6M	9	<5	297	103	79	38	35	143	14
6-7M	14	<5	384	118	79	35	49	180	19
7-8M	6	7	408	180	96	58	70	104	28
8-9M	4	6	258	200	91	29	62	40	20
9-10M	15	5	240	208	76	19	38	24	14
10-11M	63	5	250	198	74	18	34	34	15
11-12M	10	5	342	215	107	33	61	71	23
12-13M	3	<5	240	224	93	28	54	109	18
13-14M	3	<5	259	253	78	25	46	108	17
14-15M	13	8	459	211	80	38	46	23	17
15-16M	7	5	333	228	85	36	50	57	19
16-17M	7	<5	302	207	98	33	60	67	21
17-18M	11	6	272	202	89	32	54	64	18
18-19M	15	7	446	203	61	28	34	62	12
19-20M	17	<5	210	199	55	21	29	16	10
20-21M	8	<5	156	236	49	15	25	23	8
21-22M	6	<5	180	205	60	21	30	66	11
22-23M	6	<5	220	156	67	32	33	84	13
23-24M	8	6	161	201	68	23	29	123	13
24-25M	3	<5	213	116	80	27	35	56	19
25-26M	13	6	318	96	101	34	40	14	26
26-27M	7	<5	230	87	79	30	34	58	17
27-28M	9	<5	207	142	59	17	29	60	14
28-29M	16	<5	646	153	80	44	39	116	21
29-30M	68	14	200	89	68	32	40	46	17
30-31M	5	5	223	141	82	26	34	116	18
31-32M	7	<5	187	203	75	27	45	50	16
32-33M	7	6	237	215	73	26	51	56	16
33-34M	1	7	214	205	71	26	40	41	13
34-35M	3	5	216	237	72	24	40	43	14
35-36M	<1	<5	277	253	73	28	41	47	15
36-37M	5	5	174	240	77	28	40	29	14
37-38M	612	<5	193	230	77	29	43	44	13
38-39M	2270	6	193	221	84	30	47	62	16
39-40M	20	6	219	235	79	28	43	74	17
40-41M	402	11	330	202	88	38	43	62	16
41-42M	359	9	270	235	89	35	58	38	18
42-43M	1452	<5	627	218	90	36	65	33	18
43-44M	2950	6	569	231	85	36	64	25	19
44-45M	866	12	438	225	77	34	69	33	25
45-46M	626	7	488	211	75	32	61	15	19
46-47M	197	14	680	219	72	31	58	6	22
47-48M	21	39	375	215	71	30	53	110	23
48-49M	1850	5	401	188	75	31	60	78	16
49-50M	334	12	541	157	70	35	49	29	17
50-51M	21	11	624	174	80	33	65	42	23
51-52M	35	8	454	152	88	35	61	113	21
52-53M	36	7	638	94	84	35	46	59	16
53-54M	40	5	466	79	78	40	45	56	17
54-55M	26	7	217	66	54	26	24	39	14
55-56M	17	<5	270	90	60	40	27	51	13
56-57M	64	10	658	78	59	43	28	56	12
57-58M	1247	9	339	66	52	22	25	49	10
58-59M	27	8	425	79	44	24	33	67	10
59-60M	358	23	403	64	58	40	28	37	10

MDRC-9

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	5	<5	169	106	43	15	22	38	10
1-2M	4	<5	222	111	69	25	33	48	14
2-3M	10	9	205	78	50	20	27	68	12
3-4M	12	6	291	49	89	30	27	58	13
4-5M	7	6	243	145	73	27	36	27	16
5-6M	8	<5	203	100	54	25	30	13	13
6-7M	4	8	150	90	59	22	35	32	11
7-8M	3	12	192	110	88	26	51	12	13
8-9M	8	11	180	118	72	27	38	9	12
9-10M	4	6	196	123	82	29	48	7	14
10-11M	5	6	216	68	56	23	39	7	12
11-12M	13	<5	187	59	60	25	43	5	11
12-13M	5	6	179	61	61	27	42	4	11
13-14M	11	<5	180	50	50	26	41	4	11
14-15M	12	7	203	109	79	30	49	5	13
15-16M	5	9	185	126	71	31	42	10	11
16-17M	3	6	159	107	58	32	38	10	11
17-18M	14	<5	160	119	76	32	44	34	11
18-19M	14	10	181	119	88	31	37	24	10
19-20M	16	9	175	108	57	27	31	43	11
20-21M	10	6	167	92	41	24	22	23	9
21-22M	8	6	178	114	48	27	24	13	9
22-23M	9	6	178	108	60	28	28	10	10
23-24M	11	6	202	108	63	31	34	26	11
24-25M	17	8	204	105	54	34	36	18	12
25-26M	28	7	274	122	102	50	53	9	16
26-27M	16	<5	221	96	73	38	37	13	12
27-28M	49	<5	295	106	63	41	43	21	15
28-29M	6	7	274	101	57	31	39	19	15
29-30M	7	5	240	95	49	35	34	7	13
30-31M	4	<5	237	80	50	29	28	7	12
31-32M	11	<5	256	79	57	33	37	12	14
32-33M	2	7	179	88	57	26	41	5	12
33-34M	5	7	307	130	67	34	23	5	10
34-35M	3	<5	297	87	66	49	49	17	16
35-36M	<1	6	282	82	51	48	41	13	15
36-37M	9	5	310	79	56	55	50	11	18
37-38M	8	7	340	92	69	59	58	24	20
38-39M	7	6	294	95	68	59	68	5	23
39-40M	10	7	359	106	88	63	45	5	17
40-41M	7	9	503	188	94	68	91	1	33
41-42M	5	13	489	168	95	67	92	1	31
42-43M	10	10	261	86	84	43	56	2	16
43-44M	9	9	252	68	68	40	57	2	14
44-45M	3	15	258	81	73	46	60	2	16
45-46M	4	7	332	77	51	38	41	2	11
46-47M	9	11	243	55	59	35	53	2	14
47-48M	9	14	309	76	70	38	46	3	12
48-49M	26	9	249	53	44	34	42	2	13
49-50M	10	20	246	94	51	35	51	2	17
50-51M	40	14	194	95	40	22	17	17	7
51-52M	11	8	206	105	35	18	19	19	7
52-53M	76	9	215	79	41	22	20	4	8
53-54M	51	<5	212	97	34	24	22	8	8
54-55M	12	<5	388	94	64	37	33	15	13
55-56M	11	<5	267	109	44	24	22	13	10
56-57M	16	6	243	99	53	29	23	5	14
57-58M	247	8	207	100	35	21	17	8	7
58-59M	9	7	288	85	39	27	23	15	10
59-60M	31	8	250	105	58	27	24	4	9

MDRC-10

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1m	54	10	880	166	136	41	36	83	27
1-2m	321	-5	1062	179	108	49	39	86	23
2-3m	17	-5	539	165	80	52	39	59	15
3-4m	12	6	592	183	81	55	41	39	16
4-5m	5	9	503	170	79	62	41	46	15
5-6m	9	-5	775	196	93	188	45	178	21
6-7m	6	-5	933	201	86	221	47	53	18
7-8m	12	-5	761	211	84	368	43	271	16
8-9m	15	5	432	226	71	378	38	391	15
9-10m	7	-5	950	747	134	215	161	127	30
10-11m	8	-5	724	780	129	140	144	26	26
11-12m	10	-5	827	379	100	283	100	194	25
12-13m	14	-5	972	212	87	134	60	70	22
13-14m	27	7	582	177	91	286	47	205	16
14-15m	274	-5	447	169	86	291	43	157	18
15-16m	39	8	380	228	73	87	34	80	14
16-17m	42	-5	541	226	73	77	36	41	14
17-18m	27	-5	374	241	74	96	35	64	17
18-19m	690	-5	279	110	59	47	27	15	10
19-20m	28	-5	296	104	61	58	26	23	8
20-21m	6	-5	548	113	97	116	49	81	16
21-22m	8	-5	576	165	94	76	44	21	18
22-23m	9	-5	408	87	72	45	31	14	13
23-24m	4	-5	617	98	81	106	44	40	20
24-25m	4	-5	957	118	121	105	66	14	28
25-26m	17	-5	562	96	81	71	45	19	17
26-27m	4	10	921	122	123	72	58	7	28
27-28m	7	6	802	114	113	73	52	15	24
28-29m	7	6	634	103	110	56	48	22	19
29-30m	4	-5	485	73	69	57	32	9	13
30-31m	7	8	495	68	59	36	27	10	10
31-32m	6	10	678	75	71	45	43	12	18
32-33m	11	-5	640	73	57	30	33	2	15
33-34m	62	-5	539	73	84	35	32	6	17
34-35m	12	-5	494	79	74	34	28	13	11
35-36m	6	-5	814	93	78	57	40	52	18
36-37m	6	-5	664	73	85	34	21	2	14
37-38m	92	7	557	71	80	39	43	5	16
38-39m	7	-5	577	83	76	27	31	4	16
39-40m	26	5	476	84	77	26	28	17	15
40-41m	10	-5	432	73	63	22	26	15	14
41-42m	542	9	633	81	85	42	43	3	16
42-43m	8	11	546	75	74	34	36	2	15
43-44m	10	-5	483	73	90	33	36	2	17
44-45m	6	7	393	73	66	22	25	5	12
45-46m	81	7	381	86	67	28	29	8	13
46-47m	14	7	392	98	76	35	39	14	13
47-48m	6	-5	468	99	86	43	39	24	18
48-49m	3	9	432	78	73	34	33	12	14
49-50m	7	5	661	89	96	51	44	5	19
50-51m	3	8	400	79	63	32	31	5	16
51-52m	5	10	551	96	95	60	46	25	24
52-53m	67	10	692	102	104	68	51	9	21
53-54m	6	-5	465	72	91	54	39	8	18
54-55m	9	-5	522	75	98	54	42	3	16
55-56m	18	-5	412	86	70	40	29	14	16
56-57m	36	5	382	83	84	52	39	16	16
57-58m	70	-5	525	95	93	50	45	14	18
58-59m	6	-5	426	93	100	44	35	6	15
59-60m	7	-5	658	94	85	69	34	23	21

MDRC-11

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	6	<5	209	107	75	38	29	30	11
1-2M	349	<5	182	95	67	60	31	23	11
2-3M	12	6	226	117	74	35	28	29	8
3-4M	13	8	391	131	101	74	40	80	15
4-5M	7	<5	203	174	62	59	28	17	9
5-6M	5	<5	184	157	69	60	30	28	10
6-7M	9	6	388	146	76	60	31	33	12
7-8M	7	<5	238	115	71	55	31	28	10
8-9M	14	<5	185	102	65	50	28	42	9
9-10M	16	7	480	178	93	96	46	71	16
10-11M	16	<5	336	121	90	114	41	94	14
11-12M	15	<5	702	180	75	113	34	91	12
12-13M	11	<5	353	142	68	59	24	43	9
13-14M	15	<5	308	145	73	78	27	64	10
14-15M	13	<5	260	92	65	86	22	45	9
15-16M	13	<5	425	126	68	71	25	45	10
16-17M	10	7	197	104	68	78	23	36	10
17-18M	17	6	232	95	63	90	22	42	9
18-19M	122	5	285	118	82	153	30	111	11
19-20M	23	6	889	126	92	176	34	144	14
20-21M	13	5	278	119	80	210	28	169	12
21-22M	9	<5	259	121	81	152	31	85	12
22-23M	11	<5	284	138	76	133	30	93	11
23-24M	13	<5	393	107	70	130	29	63	10
24-25M	134	<5	266	111	63	99	26	40	9
25-26M	12	<5	550	61	80	91	39	39	13
26-27M	5	7	517	73	81	101	40	43	14
27-28M	7	<5	642	176	102	146	37	73	15
28-29M	10	7	1284	128	89	63	40	47	22
29-30M	8	7	706	177	86	166	41	161	18
30-31M	22	10	471	183	84	142	30	115	15
31-32M	11	<5	943	207	90	118	44	58	19
32-33M	8	6	643	96	79	45	38	7	20
33-34M	19	<5	486	120	85	52	44	11	19
34-35M	28	<5	534	101	82	54	40	30	20
35-36M	13	<5	370	106	63	39	40	5	15
36-37M	11	<5	427	97	67	46	42	43	17
37-38M	13	<5	300	106	63	38	30	59	13
38-39M	11	7	320	95	57	43	36	34	15
39-40M	12	<5	285	69	49	45	33	25	15
40-41M	8	<5	365	141	65	36	34	39	14
41-42M	12	<5	308	154	48	37	39	27	16
42-43M	16	7	293	145	57	42	46	21	16
43-44M	12	6	347	145	59	42	44	20	14
44-45M	10	7	372	144	73	42	47	18	14
45-46M	9	<5	201	61	26	23	22	5	8
46-47M	90	6	237	149	47	34	32	3	9
47-48M	9	5	252	151	54	35	42	2	11
48-49M	9	<5	330	111	47	37	48	3	14
49-50M	99	5	380	157	81	51	54	2	16
50-51M	10	8	308	183	84	35	49	4	11
51-52M	15	<5	285	154	68	35	46	5	11
52-53M	11	7	320	156	74	45	59	3	17
53-54M	8	10	409	191	93	64	70	3	21
54-55M	7	<5	295	154	50	40	41	4	12
55-56M	12	6	336	217	79	50	44	8	13
56-57M	9	<5	292	98	46	41	34	10	12
57-58M	8	<5	354	85	60	52	35	9	14
58-59M	9	15	455	174	76	54	43	9	20
59-60M	13	<5	273	140	41	37	31	12	11

MDRC-12

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	16	<5	665	148	120	45	46	12	18
1-2M	12	<5	567	109	125	43	40	12	14
2-3M	33	<5	375	105	97	38	36	9	13
3-4M	26	<5	273	120	90	27	26	5	8
4-5M	15	<5	490	116	104	43	43	<1	14
5-6M	11	<5	424	141	108	43	50	1	14
6-7M	8	<5	393	136	78	45	49	3	13
7-8M	18	<5	442	129	99	55	49	9	14
8-9M	20	<5	1606	301	163	108	94	15	23
9-10M	7	<5	567	122	83	52	55	2	14
10-11M	4	<5	299	173	98	34	35	3	11
11-12M	15	<5	275	106	86	36	32	6	10
12-13M	<1	<5	332	114	76	48	31	9	10
13-14M	18	<5	320	99	79	34	32	<1	10
14-15M	8	<5	241	87	65	28	32	<1	10
15-16M	6	<5	250	69	60	27	33	<1	10
16-17M	7	<5	260	86	71	30	36	<1	10
17-18M	18	<5	230	139	72	29	32	1	10
18-19M	4	<5	367	119	80	46	41	3	12
19-20M	1	<5	349	91	63	54	36	7	12
20-21M	12	<5	525	94	84	124	44	49	16
21-22M	9	<5	368	130	79	70	42	10	12
22-23M	7	<5	288	115	80	50	33	11	13
23-24M	8	<5	614	97	84	179	40	96	15
24-25M	9	<5	446	119	71	79	43	26	12
25-26M	4	<5	341	109	76	47	41	6	13
26-27M	10	<5	379	119	72	65	32	27	14
27-28M	8	<5	631	152	109	175	50	79	19
28-29M	14	<5	627	141	108	186	47	97	19
29-30M	9	<5	423	125	96	60	35	34	15
30-31M	8	<5	611	1023	123	95	143	8	21
31-32M	6	<5	556	550	103	162	89	77	17
32-33M	7	<5	557	577	95	167	63	98	16
33-34M	10	6	695	944	116	300	105	222	21
34-35M	47	<5	969	90	93	80	40	7	20
35-36M	34	5	982	137	84	81	35	13	20
36-37M	7	<5	1062	177	103	70	37	31	20
37-38M	5	<5	724	86	69	47	24	25	15
38-39M	7	<5	596	86	64	46	26	26	14
39-40M	5	<5	628	92	66	44	30	14	16
40-41M	7	<5	555	108	71	41	33	37	17
41-42M	4	<5	545	106	50	35	25	<1	15
42-43M	6	<5	400	89	39	33	26	5	14
43-44M	4	<5	507	111	87	67	51	17	21
44-45M	6	<5	416	100	74	62	41	20	18
45-46M	8	<5	353	92	61	57	36	19	15
46-47M	7	5	441	99	86	68	43	26	20
47-48M	6	7	362	107	89	65	47	13	20
48-49M	3	<5	365	92	79	70	47	15	20
49-50M	121	12	290	80	51	52	31	9	13
50-51M	<1	9	356	102	72	62	39	7	15
51-52M	3	<5	341	79	50	50	31	9	13
52-53M	65	<5	266	77	35	43	31	6	15
53-54M	62	<5	299	76	36	48	27	14	13
54-55M	7	<5	286	79	37	45	27	2	11
55-56M	24	<5	279	91	36	45	28	6	12
56-57M	4	<5	262	77	32	46	31	2	12
57-58M	6	<5	285	99	69	58	38	13	13
58-59M	62	22	311	131	82	69	45	8	15
59-60M	5	10	283	112	84	70	43	4	14

MDRC-13

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	9	<5	508	150	146	36	29	22	18
1-2M	7	<5	443	149	96	46	36	10	17
2-3M	9	<5	527	122	114	59	46	10	17
3-4M	10	<5	671	112	107	56	52	6	21
4-5M	8	<5	446	90	76	39	40	4	16
5-6M	10	<5	536	120	92	48	50	8	22
6-7M	7	<5	290	89	76	48	36	17	13
7-8M	10	<5	455	103	92	53	41	24	15
8-9M	12	<5	716	121	114	59	55	13	21
9-10M	14	<5	352	91	77	52	36	14	13
10-11M	12	<5	358	99	84	45	44	8	15
11-12M	9	7	428	88	85	56	36	12	14
12-13M	7	12	791	125	121	61	50	9	16
13-14M	10	8	533	95	97	57	34	37	13
14-15M	13	<5	311	109	82	35	30	8	12
15-16M	19	<5	492	113	102	56	50	9	20
16-17M	8	<5	314	103	79	53	33	32	13
17-18M	10	<5	245	132	74	24	27	4	10
18-19M	8	<5	219	115	61	23	26	15	9
19-20M	9	<5	216	95	72	48	30	14	9
20-21M	8	<5	270	104	72	45	25	7	9
21-22M	5	<5	287	107	68	78	19	51	9
22-23M	12	<5	327	101	73	76	31	44	12
23-24M	9	<5	266	105	68	60	28	34	11
24-25M	14	<5	613	86	104	205	52	143	20
25-26M	10	<5	420	17	95	93	49	37	16
26-27M	12	<5	570	55	87	193	32	165	15
27-28M	13	<5	356	95	54	74	32	53	10
28-29M	10	<5	235	96	63	35	24	9	10
29-30M	13	<5	321	132	79	84	32	62	13
30-31M	25	<5	241	105	66	71	26	34	10
31-32M	10	<5	198	103	63	29	26	5	9
32-33M	8	<5	274	141	79	61	30	33	12
33-34M	9	<5	425	128	93	83	40	53	16
34-35M	9	<5	433	98	83	54	34	20	18
35-36M	17	<5	401	109	108	54	42	26	19
36-37M	3	<5	319	91	62	46	25	29	11
37-38M	5	<5	389	104	74	47	30	73	14
38-39M	3	<5	327	101	73	34	27	59	12
39-40M	4	<5	353	90	72	39	30	64	13
40-41M	5	<5	329	89	55	33	26	19	11
41-42M	12	<5	374	103	73	39	31	45	14
42-43M	4	<5	381	108	77	41	35	68	13
43-44M	12	<5	433	120	89	40	33	33	14
44-45M	7	<5	517	73	89	29	22	30	10
45-46M	7	5	455	58	88	28	23	18	18
46-47M	9	<5	462	56	117	31	24	24	13
47-48M	6	<5	515	50	98	43	27	29	15
48-49M	9	9	768	69	80	42	27	12	15
49-50M	6	<5	834	63	108	49	31	25	17
50-51M	5	5	744	104	101	53	36	31	21
51-52M	556	<5	978	104	97	55	38	23	19
52-53M	36	<5	865	89	70	38	27	6	14
53-54M	8	<5	900	91	72	46	34	45	15
54-55M	8	<5	1089	74	59	36	23	17	13
55-56M	14	<5	794	68	59	35	27	17	14
56-57M	5	<5	631	83	62	41	31	15	14
57-58M	11	<5	458	85	69	52	37	24	14
58-59M	11	<5	411	88	70	55	35	34	14
59-60M	8	<5	286	61	53	46	30	31	11

MDRC-14

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	16	<5	784	180	206	25	12	40	17
1-2M	9	<5	469	167	169	21	11	45	9
2-3M	17	<5	124	86	111	15	8	32	4
3-4M	9	<5	55	75	96	15	10	41	3
4-5M	4	<5	43	75	83	12	10	32	3
5-6M	3	<5	58	61	63	10	11	20	3
6-7M	92	<5	153	50	50	8	8	19	3
7-8M	4	<5	152	52	54	9	9	16	5
8-9M	1	<5	110	53	61	20	17	19	6
9-10M	4	<5	168	53	52	26	21	28	8
10-11M	4	<5	161	50	43	22	20	25	12
11-12M	<1	<5	298	90	73	37	43	21	28
12-13M	<1	<5	131	66	58	33	35	14	12
13-14M	<1	<5	138	62	63	37	38	19	15
14-15M	<1	<5	117	96	73	32	43	17	13
15-16M	4	<5	372	50	38	19	30	21	38
16-17M	18	<5	133	59	49	29	32	24	14
17-18M	241	<5	146	69	59	34	38	33	15
18-19M	70	<5	154	56	48	26	30	29	16
19-20M	<1	<5	131	66	53	27	31	21	12
20-21M	5	<5	116	102	55	29	32	18	11
21-22M	21	<5	222	124	78	40	44	31	16
22-23M	9	<5	184	82	64	37	40	38	14
23-24M	6	<5	183	103	63	31	39	25	12
24-25M	6	<5	205	87	60	29	32	30	13
25-26M	3	<5	301	108	94	45	53	34	19
26-27M	<1	<5	200	86	77	35	37	30	14
27-28M	5	<5	174	83	62	39	36	34	13
28-29M	4	<5	237	75	65	43	42	26	16
29-30M	5	<5	188	83	63	43	38	7	12
30-31M	6	<5	209	61	48	42	35	17	12
31-32M	4	<5	253	78	60	49	41	24	16
32-33M	<1	<5	278	76	53	40	36	18	14
33-34M	6	<5	256	116	79	47	38	18	15
34-35M	8	<5	213	94	56	48	37	25	14
35-36M	8	<5	236	131	77	48	43	44	17
36-37M	2	<5	253	117	81	50	47	51	18
37-38M	8	<5	172	114	46	31	31	35	14
38-39M	7	<5	185	112	63	34	31	21	13
39-40M	2	<5	199	106	53	39	34	12	14
40-41M	4	<5	197	100	57	39	30	33	11
41-42M	4	<5	185	90	61	41	33	35	13
42-43M	4	<5	211	80	71	39	33	29	14
43-44M	6	<5	170	76	55	34	27	25	12
44-45M	4	<5	205	66	56	46	32	34	15
45-46M	4	<5	283	99	80	55	34	36	16
46-47M	5	<5	360	105	104	72	43	36	17
47-48M	9	<5	289	67	50	73	36	19	15
48-49M	8	<5	189	70	50	47	25	30	11
49-50M	9	<5	210	72	51	50	27	28	13
50-51M	12	<5	198	61	47	44	24	29	12
51-52M	10	<5	253	63	49	57	29	19	13
52-53M	6	<5	230	78	50	50	32	26	13
53-54M	18	<5	281	111	64	55	43	30	16
54-55M	10	6	222	120	66	46	34	35	14
55-56M	13	<5	240	142	69	42	39	44	15
56-57M	7	<5	237	113	52	37	36	16	13
57-58M	9	<5	214	111	57	37	33	37	13
58-59M	100	<5	315	136	82	57	47	37	18
59-60M	10	<5	257	103	49	44	38	17	14

MDRC-15

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	3	<5	244	210	188	17	16	34	14
1-2M	<1	<5	75	110	116	8	10	26	6
2-3M	5	<5	46	133	116	7	7	19	5
3-4M	7	<5	51	70	68	5	6	12	3
4-5M	5	<5	31	108	110	8	7	17	5
5-6M	7	<5	41	78	74	7	9	22	5
6-7M	9	<5	284	76	65	7	10	17	7
7-8M	5	<5	311	84	66	6	7	17	6
8-9M	20	<5	52	135	93	10	17	36	7
9-10M	35	<5	268	70	48	6	11	19	10
10-11M	10	<5	287	85	64	10	17	31	23
11-12M	13	<5	326	77	53	9	14	24	24
12-13M	11	<5	52	105	61	10	13	39	9
13-14M	11	<5	39	82	48	8	12	34	7
14-15M	15	<5	173	111	65	11	17	34	17
15-16M	15	<5	172	99	66	12	15	40	25
16-17M	12	<5	281	115	71	26	33	46	38
17-18M	5	<5	385	109	77	46	53	50	52
18-19M	39	<5	213	110	84	36	38	45	30
19-20M	15	<5	194	110	71	38	39	44	22
20-21M	11	<5	322	84	64	45	52	40	40
21-22M	14	<5	404	71	57	41	44	33	41
22-23M	10	<5	439	103	86	56	61	46	43
23-24M	8	<5	192	81	56	51	50	34	22
24-25M	6	<5	238	83	60	50	46	29	23
25-26M	10	<5	144	88	65	49	44	27	17
26-27M	12	<5	153	87	66	50	46	28	20
27-28M	8	<5	177	70	55	37	36	23	21
28-29M	12	<5	156	71	55	45	41	23	19
29-30M	18	<5	132	95	67	50	46	26	18
30-31M	10	<5	258	59	52	29	37	12	27
31-32M	13	<5	179	76	61	48	47	27	20
32-33M	9	<5	160	89	60	49	44	32	18
33-34M	4	<5	328	118	100	44	50	37	24
34-35M	12	<5	170	86	59	38	37	32	14
35-36M	18	<5	135	79	49	38	33	22	12
36-37M	15	<5	243	81	61	51	47	27	19
37-38M	5	<5	220	80	52	38	36	27	16
38-39M	15	<5	173	67	47	37	37	10	14
39-40M	13	<5	137	94	51	36	35	27	14
40-41M	3	<5	235	103	72	44	39	20	15
41-42M	<1	<5	193	84	51	35	36	24	16
42-43M	3	<5	222	105	61	38	43	34	16
43-44M	3	<5	220	111	58	38	40	35	16
44-45M	4	<5	283	120	75	54	50	16	19
45-46M	3	<5	189	183	74	29	30	37	14
46-47M	<1	<5	162	156	57	25	33	35	13
47-48M	5	<5	218	102	62	34	36	23	14
48-49M	1	<5	252	89	55	42	36	37	13
49-50M	1	<5	293	115	70	47	40	22	16
50-51M	<1	<5	307	110	65	59	43	43	18
51-52M	2	<5	183	90	47	35	28	45	13
52-53M	2	<5	308	97	75	51	42	21	17
53-54M	<1	<5	261	88	47	35	27	30	14
54-55M	<1	<5	271	92	63	47	36	25	16
55-56M	1	<5	195	93	62	35	32	38	13
56-57M	<1	<5	188	83	47	37	28	27	12
57-58M	1	<5	220	96	55	44	28	24	13
58-59M	<1	<5	192	109	59	38	32	28	12
59-60M	<1	<5	376	113	95	74	58	24	23

MDRC-16

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	7	24	284	529	466	31	20	52	19
1-2M	5	17	254	644	508	36	20	51	18
2-3M	42	22	303	739	550	37	22	56	24
3-4M	13	24	337	668	464	43	26	72	23
4-5M	10	17	228	713	514	35	19	52	19
5-6M	10	22	560	807	554	49	29	82	35
6-7M	10	27	1324	697	487	55	33	90	33
7-8M	12	22	552	757	484	54	32	84	32
8-9M	7	28	3371	707	516	59	54	97	99
9-10M	8	56	1511	433	374	46	68	87	114
10-11M	3	37	135	188	299	27	24	53	17
11-12M	5	48	80	269	310	32	24	86	16
12-13M	3	23	32	127	146	22	20	65	9
13-14M	1	17	37	136	125	17	15	50	7
14-15M	5	20	54	110	112	20	23	60	9
15-16M	8	15	15	84	100	19	17	52	7
16-17M	2	15	67	136	99	23	22	59	9
17-18M	6	26	24	133	121	27	24	62	8
18-19M	7	28	52	197	171	30	26	68	9
19-20M	<1	20	296	123	99	32	22	59	18
20-21M	6	24	96	178	151	52	32	84	12
21-22M	<1	14	42	164	98	35	21	64	7
22-23M	1	10	152	111	95	89	32	74	11
23-24M	12	13	217	102	85	96	35	72	12
24-25M	6	42	621	105	102	102	52	92	34
25-26M	8	12	310	91	85	150	43	67	17
26-27M	10	16	541	139	124	187	60	77	42
27-28M	7	9	276	129	119	190	53	63	17
28-29M	1	15	377	160	139	156	57	66	31
29-30M	8	21	608	152	159	112	61	67	37
30-31M	10	15	886	214	159	123	85	48	64
31-32M	2	5	335	154	129	135	45	60	17
32-33M	10	<5	279	86	76	104	42	55	14
33-34M	10	7	437	133	108	116	49	66	18
34-35M	9	6	918	80	86	118	61	71	32
35-36M	11	6	436	91	100	123	63	87	22
36-37M	11	5	769	105	100	117	61	73	22
37-38M	8	5	319	124	106	123	73	83	22
38-39M	8	<5	420	87	84	104	62	73	23
39-40M	11	6	332	81	77	94	59	74	20
40-41M	7	<5	355	116	100	95	59	61	22
41-42M	11	<5	578	104	89	109	84	79	40
42-43M	39	<5	341	97	76	80	53	46	18
43-44M	25	<5	281	99	78	81	51	51	17
44-45M	18	<5	298	91	80	90	59	45	19
45-46M	9	<5	246	88	67	63	40	46	16
46-47M	14	<5	355	112	109	100	58	41	21
47-48M	3	11	380	114	117	112	75	53	23
48-49M	15	<5	287	72	69	93	41	69	18
49-50M	12	<5	282	79	78	85	37	64	16
50-51M	7	<5	250	76	69	85	49	71	18
51-52M	7	6	292	84	80	101	64	68	27
52-53M	9	7	375	101	98	85	50	66	21
53-54M	10	5	287	78	63	67	51	35	23
54-55M	11	6	316	87	79	66	45	37	19
55-56M	10	<5	327	81	74	79	48	52	20
56-57M	9	8	252	84	71	62	38	41	16
57-58M	5	<5	341	76	69	103	67	65	26
58-59M	4	7	319	86	75	89	52	68	20
59-60M	38	6	306	90	72	66	41	40	19

MDRC-17

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	21	18	399	781	701	40	24	57	22
1-2M	22	15	288	798	622	36	20	53	20
2-3M	38	9	278	722	570	33	19	53	18
3-4M	28	11	293	715	578	31	18	49	17
4-5M	34	11	272	592	546	26	17	45	17
5-6M	38	10	236	393	398	22	16	48	15
6-7M	31	9	187	376	387	23	17	46	16
7-8M	22	10	193	590	700	31	18	76	21
8-9M	26	11	220	675	587	30	19	68	18
9-10M	26	12	161	361	399	23	18	62	17
10-11M	31	9	403	655	599	30	22	67	22
11-12M	25	13	605	880	747	46	34	78	31
12-13M	23	15	368	678	599	41	32	64	21
13-14M	21	14	429	667	546	45	38	78	37
14-15M	14	18	276	619	585	46	37	63	24
15-16M	16	9	410	220	224	25	26	32	26
16-17M	19	15	246	516	432	56	52	59	23
17-18M	21	13	104	204	212	33	35	41	13
18-19M	17	16	134	119	171	37	38	40	13
19-20M	26	26	557	570	487	72	71	69	23
20-21M	25	20	952	496	419	78	73	75	25
21-22M	28	25	180	374	357	64	65	71	15
22-23M	15	64	285	100	110	65	72	75	16
23-24M	25	88	248	93	104	78	66	68	14
24-25M	14	56	40	80	73	75	55	102	11
25-26M	20	47	69	68	57	81	47	106	11
26-27M	10	52	216	99	87	164	61	103	15
27-28M	11	31	347	102	86	152	63	81	24
28-29M	29	21	238	60	55	63	44	76	19
29-30M	31	24	1794	66	59	77	65	88	53
30-31M	26	19	3678	67	60	107	56	56	41
31-32M	28	24	3799	80	75	131	63	82	47
32-33M	48	17	1728	77	69	133	49	74	28
33-34M	21	29	943	69	56	115	74	107	24
34-35M	24	38	2377	64	55	117	69	119	50
35-36M	21	19	2173	86	67	126	61	71	30
36-37M	20	22	2529	77	69	122	63	65	28
37-38M	27	19	5696	87	78	132	64	51	40
38-39M	694	20	279	118	89	123	48	53	16
39-40M	43	18	451	99	82	144	50	68	21
40-41M	7	21	339	134	117	153	48	65	18
41-42M	8	31	315	208	112	128	51	80	23
42-43M	16	22	301	163	120	138	44	60	19
43-44M	17	21	345	113	99	119	44	58	17
44-45M	19	21	302	101	83	108	41	51	15
45-46M	16	20	275	72	66	108	42	52	15
46-47M	19	30	269	95	87	123	44	77	15
47-48M	18	37	504	100	103	142	56	78	28
48-49M	19	43	371	109	98	145	61	88	23
49-50M	23	42	516	86	78	132	56	68	25
50-51M	82	57	388	122	105	132	58	71	21
51-52M	41	57	725	104	90	115	62	81	37
52-53M	24	32	315	105	89	108	49	34	15
53-54M	63	18	317	131	93	110	45	36	19
54-55M	32	18	293	118	86	100	39	39	15
55-56M	34	24	364	141	116	123	43	55	20
56-57M	35	26	367	132	104	119	49	65	20
57-58M	31	44	682	114	96	112	41	51	21
58-59M	23	48	795	147	121	133	57	58	37
59-60M	14	15	272	97	85	137	36	24	19

MDRC-18

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	16	28	321	607	535	53	11	51	8
1-2M	18	11	898	662	461	59	11	71	10
2-3M	12	10	652	798	537	56	10	74	8
3-4M	10	8	355	782	528	49	9	76	6
4-5M	9	7	258	938	709	50	9	101	6
5-6M	14	11	192	452	408	32	7	44	4
6-7M	17	13	251	655	442	38	11	52	5
7-8M	13	12	241	416	344	28	9	48	4
8-9M	16	16	148	306	307	28	7	62	3
9-10M	21	16	290	286	267	30	12	58	5
10-11M	52	15	555	205	233	28	19	83	88
11-12M	15	8	131	101	117	21	13	71	15
12-13M	13	6	103	130	121	15	12	39	10
13-14M	15	6	82	143	110	16	16	47	11
14-15M	7	7	60	160	86	19	25	62	5
15-16M	10	7	148	93	74	18	20	44	5
16-17M	6	9	208	100	84	23	28	59	8
17-18M	6	7	505	90	71	17	20	43	11
18-19M	6	6	162	106	77	16	19	40	4
19-20M	8	8	86	130	78	20	23	49	4
20-21M	15	8	157	96	78	18	18	43	6
21-22M	5	6	199	80	67	13	15	37	10
22-23M	16	7	166	123	72	16	19	58	15
23-24M	6	6	36	78	53	13	12	25	3
24-25M	7	6	387	106	74	43	30	53	41
25-26M	10	9	337	91	73	56	24	94	16
26-27M	24	32	309	164	144	74	39	92	17
27-28M	9	20	355	167	132	89	42	76	17
28-29M	11	27	393	216	137	71	45	71	21
29-30M	12	14	748	193	138	117	46	93	29
30-31M	9	11	864	95	81	116	39	108	36
31-32M	9	11	2608	70	49	78	55	93	265
32-33M	13	9	326	51	45	71	31	73	57
33-34M	9	22	260	77	69	92	27	93	16
34-35M	17	13	684	95	77	103	36	109	65
35-36M	6	8	619	87	78	104	28	87	23
36-37M	10	11	208	71	64	60	18	44	17
37-38M	17	9	84	69	63	43	14	35	6
38-39M	5	21	150	79	76	99	25	62	14
39-40M	16	11	142	47	49	83	34	61	20
40-41M	1	8	112	46	46	64	22	46	15
41-42M	93	10	117	56	48	60	20	47	14
42-43M	5	<5	73	67	47	49	17	31	7
43-44M	10	<5	107	58	34	37	16	23	9
44-45M	14	6	110	57	41	51	27	30	15
45-46M	1	<5	99	54	41	46	21	22	12
46-47M	8	<5	76	57	30	41	19	22	7
47-48M	5	7	82	39	32	44	25	34	7
48-49M	3	10	148	58	58	53	30	42	17
49-50M	1	5	121	57	44	51	22	16	9
50-51M	228	11	127	42	41	66	30	36	13
51-52M	4	26	64	41	41	66	31	61	8
52-53M	4	13	46	37	39	61	27	68	7
53-54M	5	15	156	46	43	87	32	53	14
54-55M	5	13	116	54	46	106	35	55	12
55-56M	22	9	154	65	49	112	39	42	14
56-57M	5	10	422	69	36	82	33	27	11
57-58M	5	7	154	48	32	108	40	20	9
58-59M	2	10	362	40	37	121	50	32	15
59-60M	10	17	212	61	52	102	45	24	10

MDRC-19

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	12	13	178	360	307	31	11	28	6
1-2M	28	8	84	245	254	22	6	24	3
2-3M	15	9	68	215	231	18	4	25	2
3-4M	11	20	68	207	214	23	9	49	3
4-5M	8	44	96	437	255	29	11	93	3
5-6M	5	35	306	303	177	25	18	60	6
6-7M	6	15	66	82	86	13	14	29	3
7-8M	5	12	84	67	81	13	14	28	3
8-9M	1	9	172	50	76	12	13	17	3
9-10M	2	15	651	130	157	24	27	39	17
10-11M	127	8	169	82	66	12	15	15	5
11-12M	59	19	1155	71	150	27	20	42	14
12-13M	123	17	357	99	105	21	21	41	11
13-14M	4	8	201	90	71	14	15	20	6
14-15M	7	11	481	95	88	21	21	28	35
15-16M	5	9	121	82	69	25	21	31	6
16-17M	6	12	390	98	96	45	31	43	27
17-18M	9	23	272	145	125	44	42	47	19
18-19M	6	8	541	61	79	24	22	20	15
19-20M	2	9	396	46	68	59	19	22	10
20-21M	12	6	289	50	60	78	26	25	15
21-22M	9	8	350	69	66	62	28	22	24
22-23M	10	7	312	100	72	52	31	14	25
23-24M	9	<5	235	68	71	61	29	18	22
24-25M	8	<5	153	59	61	51	31	14	12
25-26M	12	10	669	150	82	59	32	18	17
26-27M	6	11	544	114	78	54	41	21	24
27-28M	6	7	144	73	61	34	23	21	7
28-29M	4	<5	158	67	50	40	27	17	10
29-30M	6	<5	156	59	56	43	26	12	10
30-31M	12	<5	80	65	48	40	29	19	6
31-32M	83	<5	131	82	54	45	28	29	10
32-33M	6	7	267	80	62	41	30	31	16
33-34M	14	<5	84	61	58	32	17	22	5
34-35M	29	6	143	88	67	52	34	23	9
35-36M	8	5	87	67	51	39	21	10	6
36-37M	5	5	234	77	57	37	19	17	8
37-38M	20	13	810	312	121	59	43	21	17
38-39M	17	20	1020	294	105	62	50	24	38
39-40M	39	20	965	237	98	56	42	27	32
40-41M	10	16	307	197	94	63	31	37	13
41-42M	5	16	457	133	83	56	32	67	19
42-43M	3	11	381	114	59	45	22	55	17
43-44M	10	32	2053	414	122	79	60	166	60
44-45M	8	65	260	527	127	107	76	175	18
45-46M	3	56	171	535	125	89	54	127	19
46-47M	5	34	139	451	106	79	47	88	19
47-48M	4	29	312	283	101	150	60	166	31
48-49M	7	35	398	170	137	232	75	256	36
49-50M	3	35	599	161	124	251	88	355	49
50-51M	5	25	497	83	81	180	59	159	27
51-52M	3	23	1031	81	67	163	60	132	29
52-53M	5	19	2203	186	83	123	47	125	42
53-54M	5	25	525	74	63	118	47	107	20
54-55M	6	20	685	110	106	185	62	75	38
55-56M	2	16	590	61	64	123	50	46	32
56-57M	9	18	603	71	61	110	51	57	32
57-58M	4	14	386	75	66	107	54	55	28
58-59M	4	17	601	112	72	110	60	70	33
59-60M	6	12	278	65	66	85	44	47	21

MDRC-20

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	6	16	207	230	245	33	15	45	7
1-2M	7	13	1599	189	212	24	12	48	8
2-3M	12	9	100	101	142	16	9	32	2
3-4M	30	13	185	102	141	17	10	31	3
4-5M	16	16	274	102	139	18	14	39	4
5-6M	34	20	529	113	146	20	15	52	6
6-7M	4	17	226	116	119	18	14	39	3
7-8M	4	21	1251	108	130	23	24	46	10
8-9M	10	14	133	114	93	17	21	38	3
9-10M	22	12	71	118	84	15	20	27	3
10-11M	4	20	1773	82	89	19	26	47	16
11-12M	7	14	66	103	81	19	21	48	4
12-13M	25	17	69	78	82	20	22	36	6
13-14M	16	10	52	89	82	24	22	44	6
14-15M	39	12	492	89	78	39	32	57	32
15-16M	22	11	534	103	80	55	37	80	29
16-17M	16	21	600	84	86	63	33	100	18
17-18M	21	25	151	85	91	75	38	112	11
18-19M	24	15	474	75	69	60	35	56	29
19-20M	31	14	433	78	68	64	35	76	26
20-21M	4	21	491	117	83	66	42	88	28
21-22M	9	29	384	105	95	69	44	150	22
22-23M	<1	18	404	90	80	66	40	108	20
23-24M	1	27	546	83	83	78	50	128	36
24-25M	5	80	1191	113	86	65	61	335	41
25-26M	1	51	186	140	85	57	42	141	13
26-27M	4	25	250	99	59	38	31	142	13
27-28M	10	77	6418	108	79	64	51	217	79
28-29M	43	41	6031	73	66	89	68	189	82
29-30M	12	78	551	66	63	86	52	175	20
30-31M	13	120	455	86	81	102	59	208	23
31-32M	7	130	505	93	81	99	55	185	28
32-33M	4	17	323	97	69	98	46	94	23
33-34M	8	14	332	88	64	118	56	98	24
34-35M	10	12	430	87	60	116	52	102	26
35-36M	10	14	263	80	74	112	51	67	16
36-37M	15	30	566	98	98	129	65	108	24
37-38M	8	15	899	102	103	125	57	45	30
38-39M	8	33	676	110	110	135	48	58	40
39-40M	16	83	267	339	179	116	82	90	45
40-41M	47	51	213	302	153	99	65	135	27
41-42M	11	39	316	183	130	132	64	125	30
42-43M	27	15	461	194	139	178	99	103	28
43-44M	13	8	335	111	96	127	68	137	25
44-45M	11	13	466	117	100	125	72	256	45
45-46M	16	13	333	115	95	114	66	186	28
46-47M	11	9	323	88	73	95	56	94	24
47-48M	9	11	356	98	84	114	56	115	27
48-49M	9	9	261	114	77	84	40	65	19
49-50M	6	18	418	83	76	71	35	59	23
50-51M	10	53	581	40	160	139	30	55	34
51-52M	24	23	480	51	117	105	22	46	23
52-53M	12	14	393	114	111	91	45	54	22
53-54M	17	15	366	101	91	75	39	42	18
54-55M	12	25	445	115	93	102	50	155	28
55-56M	14	24	385	90	68	121	50	169	31
56-57M	171	34	446	109	111	130	43	98	23
57-58M	25	28	360	96	94	94	38	61	20
58-59M	3	16	385	91	84	89	46	43	21
59-60M	17	17	421	82	72	97	54	48	24

MDRC-21

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	3610	25	514	355	319	32	15	57	14
1-2M	125	15	520	173	186	21	13	52	10
2-3M	406	13	300	114	125	15	12	41	3
3-4M	1283	22	163	106	124	14	11	44	3
4-5M	99	13	148	80	98	9	8	40	3
5-6M	1092	19	443	116	140	17	17	82	9
6-7M	68	7	153	77	94	16	24	50	11
7-8M	111	9	168	86	96	19	30	79	8
8-9M	178	6	73	65	78	12	16	35	4
9-10M	569	6	463	80	97	24	24	52	28
10-11M	177	13	681	81	93	47	34	77	22
11-12M	42	23	947	72	102	37	38	62	38
12-13M	44	13	454	60	72	33	40	75	18
13-14M	45	16	352	67	77	39	35	56	15
14-15M	368	88	154	71	143	64	65	102	20
15-16M	137	60	83	67	165	68	54	102	16
16-17M	224	110	181	109	277	111	77	171	16
17-18M	165	84	457	109	249	98	80	159	21
18-19M	209	121	2784	82	214	86	88	135	65
19-20M	402	35	437	42	69	39	17	43	8
20-21M	452	124	557	52	91	44	33	68	19
21-22M	877	392	565	50	70	57	33	87	17
22-23M	598	258	443	49	56	52	31	93	17
23-24M	133	227	1163	33	47	35	20	71	21
24-25M	89	238	188	31	39	34	21	78	11
25-26M	104	325	330	50	65	56	44	93	26
26-27M	124	185	323	66	83	70	52	90	27
27-28M	83	81	287	68	77	67	44	69	26
28-29M	112	53	212	44	52	43	33	39	20
29-30M	80	93	478	69	82	76	58	67	32
30-31M	86	89	593	129	100	59	48	71	34
31-32M	121	43	290	69	72	56	36	59	18
32-33M	70	54	335	56	59	48	52	77	34
33-34M	123	43	239	53	56	45	39	55	15
34-35M	59	46	258	52	55	44	41	82	25
35-36M	76	67	356	59	59	49	54	74	33
36-37M	158	70	287	49	54	44	48	83	37
37-38M	84	70	497	58	56	49	55	96	41
38-39M	162	85	544	117	101	61	56	64	18
39-40M	41	55	455	64	63	38	43	64	15
40-41M	116	240	583	32	100	55	43	178	31
41-42M	300	210	232	25	115	58	34	117	14
42-43M	760	193	238	57	57	65	33	61	18
43-44M	101	89	237	54	61	77	30	38	16
44-45M	68	82	295	59	60	87	37	40	18
45-46M	43	99	268	33	39	81	41	38	26
46-47M	140	128	284	47	56	94	43	61	19
47-48M	96	147	361	66	77	86	45	56	18
48-49M	100	83	314	70	69	87	36	37	13
49-50M	44	39	276	53	48	63	32	39	11
50-51M	112	110	405	54	58	92	45	68	32
51-52M	67	60	399	55	61	99	49	68	28
52-53M	66	70	339	56	61	78	46	65	20
53-54M	31	69	419	59	64	85	46	70	26
54-55M	100	77	365	83	99	79	38	70	18
55-56M	98	164	354	86	108	88	55	80	24
56-57M	76	174	523	87	123	84	45	93	30
57-58M	67	210	679	196	170	105	57	55	32
58-59M	178	215	505	169	139	116	58	41	30
59-60M	50	224	393	233	177	112	70	23	28

MDRC-22

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	75	20	673	178	165	27	16	42	19
1-2M	22	22	465	193	164	26	12	48	10
2-3M	40	30	630	220	181	44	11	88	7
3-4M	22	29	122	176	130	48	10	51	3
4-5M	7	20	349	159	122	35	10	53	4
5-6M	11	19	724	177	113	40	14	60	7
6-7M	14	36	1458	201	136	56	18	88	12
7-8M	7	24	676	109	122	77	27	85	11
8-9M	15	16	144	102	109	47	22	53	5
9-10M	13	49	113	168	129	43	15	84	6
10-11M	23	39	59	240	143	29	14	67	4
11-12M	18	53	148	133	131	29	14	82	5
12-13M	6	58	84	238	169	30	21	97	6
13-14M	13	89	306	161	152	27	36	130	13
14-15M	27	62	987	116	132	24	31	116	24
15-16M	85	37	1620	110	94	40	29	71	57
16-17M	47	38	1721	69	78	42	40	92	63
17-18M	18	69	1122	83	78	59	42	88	35
18-19M	10	42	788	97	75	101	40	87	38
19-20M	17	34	520	100	80	122	40	66	27
20-21M	21	25	499	94	76	121	40	48	26
21-22M	20	33	727	112	97	122	56	53	39
22-23M	17	34	844	123	88	115	69	24	52
23-24M	62	27	595	103	82	87	49	34	28
24-25M	32	42	385	78	57	71	40	30	23
25-26M	27	53	370	86	53	71	38	31	20
26-27M	12	78	555	107	79	89	43	31	26
27-28M	3316	264	377	107	97	95	38	46	21
28-29M	905	182	194	76	59	69	24	32	9
29-30M	536	172	267	105	60	113	30	29	16
30-31M	142	232	484	110	96	144	56	80	29
31-32M	82	164	584	102	92	121	61	78	33
32-33M	55	148	615	92	77	101	50	73	36
33-34M	40	75	518	91	64	80	48	67	30
34-35M	28	61	389	100	62	75	40	60	22
35-36M	19	40	292	60	46	65	37	29	21
36-37M	43	46	403	77	68	94	60	68	22
37-38M	42	47	310	91	72	72	41	41	17
38-39M	11	36	261	95	79	55	23	50	13
39-40M	36	109	656	100	81	88	54	36	30
40-41M	68	95	401	100	77	66	38	39	17
41-42M	76	248	627	106	101	84	48	73	28
42-43M	66	127	670	76	54	52	38	28	17
43-44M	36	135	600	90	75	74	41	27	32
44-45M	68	195	578	68	90	91	22	28	18
45-46M	93	259	595	51	114	83	17	46	25
46-47M	406	224	345	83	77	61	28	29	17
47-48M	436	1338	431	97	92	82	43	40	22
48-49M	1567	3020	361	78	66	69	35	33	20
49-50M	197	507	353	78	59	68	33	38	16
50-51M	13	7	104	41	31	13	14	8	4
51-52M	236	280	532	93	69	69	37	32	31
52-53M	122	215	368	84	59	59	35	23	22
53-54M	407	366	420	84	62	77	36	28	22
54-55M	144	270	501	96	89	95	46	52	24
55-56M	96	167	361	87	68	73	34	30	18
56-57M	248	273	422	75	58	59	35	25	19
57-58M	4650	1931	280	86	64	51	25	21	15
58-59M	281	368	303	82	64	49	27	24	16
59-60M	347	177	316	105	82	53	29	31	16

MDRC-23

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	1137	14	346	333	298	29	14	46	15
1-2M	13	12	181	142	134	17	11	36	5
2-3M	10	5	90	96	122	16	12	31	3
3-4M	19	6	111	86	85	40	23	41	7
4-5M	15	5	105	92	71	46	31	33	10
5-6M	10	<5	128	81	57	38	28	22	9
6-7M	11	6	220	92	62	39	32	17	15
7-8M	8	<5	124	85	55	35	29	15	9
8-9M	12	9	131	74	58	36	30	19	9
9-10M	8	11	147	86	66	39	31	16	9
10-11M	6	12	335	60	45	29	26	8	7
11-12M	10	9	263	90	65	39	33	11	11
12-13M	9	10	142	89	57	34	26	13	8
13-14M	130	10	190	81	61	32	28	10	9
14-15M	5	14	300	91	70	40	36	20	13
15-16M	5	12	378	110	90	48	41	23	16
16-17M	<1	7	224	95	80	53	38	29	12
17-18M	5	10	263	72	58	44	36	25	14
18-19M	10	8	249	81	70	55	45	18	12
19-20M	12	10	220	77	57	39	33	18	10
20-21M	10	12	145	64	46	32	22	18	7
21-22M	15	17	262	95	84	41	31	25	13
22-23M	9	40	522	156	127	65	64	19	23
23-24M	36	14	155	82	65	34	28	18	9
24-25M	103	19	220	86	60	37	33	28	12
25-26M	131	21	356	96	69	41	36	21	15
26-27M	9	12	207	78	54	37	33	24	12
27-28M	9	18	186	83	47	36	28	19	10
28-29M	10	22	247	78	48	40	32	22	11
29-30M	11	22	395	89	65	44	39	30	15
30-31M	6	15	337	76	58	54	40	22	16
31-32M	25	16	377	96	76	56	43	23	16
32-33M	8	8	254	99	64	47	38	26	13
33-34M	29	13	354	106	73	45	40	18	16
34-35M	18	7	324	104	85	58	43	17	17
35-36M	4	<5	274	75	61	51	33	12	15
36-37M	7	10	356	87	50	38	31	25	13
37-38M	3	15	385	89	68	42	31	13	14
38-39M	85	11	306	98	68	50	36	17	14
39-40M	14	<5	383	78	61	58	39	24	17
40-41M	16	5	294	73	58	56	34	23	15
41-42M	8	<5	361	85	70	71	39	34	18
42-43M	9	8	281	86	61	56	35	42	15
43-44M	9	6	385	174	80	52	45	12	19
44-45M	10	7	321	113	86	51	34	27	16
45-46M	4	11	516	94	125	66	31	24	19
46-47M	7	12	256	54	34	34	23	37	8
47-48M	4	31	573	25	17	16	24	11	9
48-49M	10	27	294	46	37	26	29	56	13
49-50M	24	38	386	35	92	62	28	46	29
50-51M	14	128	552	26	94	60	26	148	48
51-52M	54	96	384	100	95	61	22	150	30
52-53M	37	60	334	103	101	65	29	100	20
53-54M	47	62	766	247	61	42	63	29	27
54-55M	16	96	444	237	77	64	62	14	30
55-56M	16	66	537	141	62	47	31	40	29
56-57M	24	51	533	99	64	39	29	45	21
57-58M	6	77	651	230	50	32	50	31	40
58-59M	11	100	674	220	72	49	68	18	39
59-60M	98	60	630	203	93	71	61	81	33

MDRC-24

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	13	13	163	195	237	22	11	38	5
1-2M	11	11	76	177	234	19	8	40	3
2-3M	11	8	58	119	179	14	9	31	2
3-4M	12	10	141	142	154	14	10	38	4
4-5M	8	10	619	102	128	11	13	35	2
5-6M	6	6	544	114	121	11	10	59	3
6-7M	22	5	538	124	107	11	13	43	3
7-8M	12	13	199	114	141	18	18	74	4
8-9M	6	9	938	76	90	14	14	40	11
9-10M	7	<5	323	55	67	12	12	29	4
10-11M	6	6	342	85	80	59	46	59	21
11-12M	12	<5	409	118	95	72	46	67	26
12-13M	24	<5	387	92	83	64	42	58	23
13-14M	10	9	1208	94	97	65	72	73	46
14-15M	7	6	486	99	83	61	62	42	30
15-16M	7	6	316	98	79	51	52	40	21
16-17M	10	6	352	141	115	56	59	86	19
17-18M	15	9	547	144	127	64	63	123	24
18-19M	9	11	432	155	143	68	75	119	25
19-20M	12	6	354	203	167	53	67	280	21
20-21M	74	7	245	90	95	40	46	84	18
21-22M	3	7	216	81	94	40	43	91	15
22-23M	20	6	273	103	103	49	54	88	19
23-24M	10	8	287	130	119	60	64	49	22
24-25M	13	10	499	134	142	88	85	64	31
25-26M	86	17	577	167	125	82	82	36	28
26-27M	55	16	474	162	165	96	84	77	22
27-28M	<1	6	294	73	89	50	38	59	14
28-29M	6	6	457	99	105	73	71	59	27
29-30M	3	<5	349	55	49	67	46	26	15
30-31M	5	<5	307	47	44	60	43	14	14
31-32M	1	5	415	72	71	62	44	27	20
32-33M	4	6	511	139	104	72	63	128	26
33-34M	5	11	635	176	129	79	67	81	28
34-35M	1	6	487	116	89	63	64	47	20
35-36M	1	6	528	107	95	72	63	60	22
36-37M	4	5	819	106	80	62	74	78	26
37-38M	2	<5	550	95	72	58	55	48	21
38-39M	1	7	522	79	61	63	51	34	21
39-40M	2	<5	481	94	88	72	55	39	20
40-41M	2	<5	660	67	57	68	45	15	16
41-42M	4	5	572	95	67	59	50	27	15
42-43M	2	<5	1428	78	65	74	66	24	25
43-44M	6	<5	704	63	53	75	56	24	19
44-45M	7	<5	746	57	52	64	45	7	15
45-46M	3	<5	604	62	63	69	46	9	15
46-47M	16	<5	438	75	59	58	46	15	15
47-48M	4	<5	560	67	51	69	46	19	15
48-49M	4	8	370	47	36	68	76	51	30
49-50M	19	10	339	49	54	70	61	28	24
50-51M	4	10	728	53	50	96	105	60	58
51-52M	6	7	286	55	50	68	56	62	19
52-53M	14	8	289	45	72	68	39	59	10
53-54M	6	11	367	64	61	75	57	9	14
54-55M	32	10	363	54	75	73	64	33	13
55-56M	8	<5	447	60	70	63	55	30	13
56-57M	7	10	633	45	46	54	65	54	16
57-58M	7	20	691	66	63	52	49	53	19
58-59M	8	7	510	61	51	48	43	70	20
59-60M	4	8	451	76	52	37	34	64	11

MDRC-25

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	11	20	1052	596	391	37	11	40	11
1-2M	9	11	426	343	294	31	10	36	6
2-3M	10	8	169	383	287	24	8	29	4
3-4M	70	14	146	435	347	27	6	40	3
4-5M	21	8	115	413	275	22	13	39	4
5-6M	24	14	98	364	286	22	8	41	3
6-7M	64	9	95	277	241	19	8	32	3
7-8M	28	5	133	212	187	13	4	23	2
8-9M	20	7	134	207	182	16	9	32	3
9-10M	11	<5	147	57	59	7	5	8	3
10-11M	9	<5	131	56	42	7	5	9	2
11-12M	9	<5	2350	74	72	11	8	27	13
12-13M	12	<5	4236	63	69	14	9	22	15
13-14M	19	6	981	84	74	16	17	33	19
14-15M	13	8	716	62	80	16	19	36	7
15-16M	12	<5	420	62	64	10	8	20	5
16-17M	12	<5	154	89	79	15	16	35	5
17-18M	19	7	119	80	68	13	16	55	4
18-19M	4	9	616	69	69	14	18	51	14
19-20M	9	11	1010	81	68	17	29	54	45
20-21M	4	11	1379	86	76	19	35	67	60
21-22M	6	12	2411	97	74	18	25	87	41
22-23M	10	10	5328	56	55	14	19	50	51
23-24M	11	<5	775	59	39	15	19	39	32
24-25M	10	<5	2454	86	68	24	31	95	47
25-26M	5	10	4995	85	78	38	34	142	44
26-27M	5	7	5421	131	72	56	44	293	47
27-28M	7	5	503	108	67	38	36	94	21
28-29M	10	<5	308	118	54	35	30	39	17
29-30M	7	<5	526	121	63	48	43	20	25
30-31M	<1	<5	374	97	50	34	31	21	17
31-32M	3	<5	472	108	62	44	36	16	21
32-33M	7	<5	324	62	40	40	32	20	15
33-34M	3	<5	680	58	45	49	36	25	20
34-35M	9	<5	826	93	52	56	46	26	27
35-36M	<1	<5	471	51	34	40	39	12	20
36-37M	5	<5	713	70	43	36	42	13	23
37-38M	23	<5	585	89	60	33	45	19	17
38-39M	6	<5	598	51	35	34	48	13	20
39-40M	4	<5	443	110	54	36	44	24	19
40-41M	7	<5	231	81	36	36	35	17	15
41-42M	7	<5	428	49	42	43	45	32	18
42-43M	5	<5	372	60	38	41	40	19	16
43-44M	5	<5	221	50	31	43	27	8	11
44-45M	2	<5	434	75	36	42	31	14	15
45-46M	11	<5	249	115	70	42	35	21	13
46-47M	6	<5	228	240	45	41	35	18	14
47-48M	5	<5	349	77	49	45	39	20	16
48-49M	10	<5	617	83	63	40	37	23	18
49-50M	7	<5	636	68	41	50	37	27	19
50-51M	3	<5	535	54	41	53	39	20	18
51-52M	3	<5	195	98	41	49	34	3	13
52-53M	7	<5	3081	70	45	52	40	32	30
53-54M	8	<5	6405	56	53	47	46	49	53
54-55M	2	<5	6174	90	72	46	43	69	50
55-56M	2	6	7596	80	71	48	45	73	61
56-57M	6	<5	7046	67	62	49	42	85	74
57-58M	2	9	12632	67	60	47	48	125	97
58-59M	15	9	13019	64	64	56	47	136	91
59-60M	9	<5	6955	62	55	45	39	95	66

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	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	798	7	532	476	440	43	16	99	15
1-2M	22	<5	337	114	123	17	15	76	8
2-3M	27	<5	449	138	143	28	27	153	7
3-4M	17	<5	267	121	111	17	17	222	4
4-5M	38	7	758	229	148	27	27	623	7
5-6M	34	<5	631	269	133	27	39	447	18
6-7M	49	<5	647	291	124	36	43	424	21
7-8M	11	<5	521	124	93	36	33	179	22
8-9M	12	<5	293	113	110	48	30	76	18
9-10M	14	<5	318	132	111	35	34	111	20
10-11M	17	<5	192	98	89	48	34	134	14
11-12M	10	<5	540	298	115	66	75	205	29
12-13M	9	<5	251	137	81	37	38	137	17
13-14M	1340	<5	283	117	79	48	43	64	17
14-15M	344	<5	223	74	55	45	40	81	14
15-16M	198	<5	1795	99	83	51	60	63	31
16-17M	31	<5	840	123	99	52	56	45	25
17-18M	9	<5	427	144	115	62	52	18	18
18-19M	19	<5	776	260	117	78	75	46	22
19-20M	15	39	20000	369	119	83	161	236	73
20-21M	11	<5	1378	926	143	148	229	23	25
21-22M	9	<5	1019	653	123	105	174	121	23
22-23M	12	<5	194	239	54	43	39	45	10
23-24M	3	<5	249	206	53	37	42	49	12
24-25M	9	<5	305	63	48	46	45	8	12
25-26M	6	<5	300	295	101	58	71	16	12
26-27M	16	<5	340	102	93	58	80	31	12
27-28M	12	<5	314	98	82	49	57	15	11
28-29M	17	<5	523	79	58	39	42	16	11
29-30M	21	<5	206	52	36	31	26	8	8
30-31M	18	<5	715	37	36	16	18	6	7
31-32M	10	<5	474	40	38	32	30	5	10
32-33M	7	<5	494	39	39	31	30	6	11
33-34M	13	<5	408	40	34	26	28	12	9
34-35M	36	<5	398	87	28	12	15	17	5
35-36M	10	<5	177	24	19	9	10	24	3
36-37M	38	<5	137	122	22	6	12	27	4
37-38M	9	<5	106	83	23	6	12	15	5
38-39M	57	<5	159	338	55	18	30	16	8
39-40M	667	1360	806	81	73	69	34	32	32
40-41M	9	<5	261	67	35	11	18	14	7
41-42M	31	<5	252	61	41	38	47	6	13
42-43M	1	<5	241	64	40	31	36	3	13
43-44M	4	<5	242	51	35	26	39	21	12
44-45M	8	<5	253	60	42	27	38	52	12
45-46M	8	<5	251	91	78	39	52	68	18
46-47M	5	<5	325	109	121	51	68	26	23
47-48M	6	<5	310	106	115	46	61	39	30
48-49M	5	<5	386	116	124	50	57	34	17
49-50M	6	<5	297	81	56	45	38	18	12
50-51M	8	<5	443	69	59	47	38	27	13
51-52M	8	<5	322	65	54	55	34	15	12
52-53M	5	<5	322	63	51	55	30	15	12
53-54M	14	<5	474	53	47	77	30	8	11
54-55M	5	<5	353	47	38	57	27	10	10
55-56M	3	<5	561	567	59	64	125	7	14
56-57M	7	7	849	906	62	72	182	3	15
57-58M	8	7	762	900	94	76	171	2	21
58-59M	20	<5	383	169	42	29	49	9	10
59-60M	12	<5	461	153	51	44	58	17	12

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	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	26	8	791	313	267	26	15	55	14
1-2M	14	<5	236	74	96	18	12	34	7
2-3M	11	<5	256	77	89	20	12	48	7
3-4M	14	<5	228	56	70	23	14	34	6
4-5M	9	<5	601	61	56	27	16	30	9
5-6M	8	<5	624	80	92	51	35	79	18
6-7M	10	<5	254	35	47	25	19	28	9
7-8M	13	<5	944	81	73	63	33	56	24
8-9M	14	<5	1024	125	135	80	48	121	30
9-10M	11	<5	403	56	48	52	32	35	17
10-11M	13	<5	223	38	42	31	23	28	9
11-12M	14	<5	697	47	45	27	23	57	12
12-13M	13	<5	207	51	47	35	24	24	9
13-14M	18	<5	402	26	44	17	26	41	9
14-15M	10	6	266	68	59	20	26	35	9
15-16M	12	7	302	87	95	45	54	81	14
16-17M	9	5	381	48	62	25	26	53	11
17-18M	12	<5	465	54	47	23	28	66	11
18-19M	13	<5	731	46	55	22	28	107	13
19-20M	11	<5	424	56	56	14	20	51	8
20-21M	14	<5	657	70	60	14	20	54	9
21-22M	15	<5	1237	248	57	12	24	64	10
22-23M	14	<5	549	64	58	25	31	79	13
23-24M	14	<5	250	68	61	20	26	61	11
24-25M	11	<5	212	71	44	23	34	42	11
25-26M	15	<5	194	60	51	25	30	115	12
26-27M	14	<5	365	143	56	33	56	44	17
27-28M	14	<5	308	57	42	39	34	14	11
28-29M	17	<5	336	49	62	68	42	26	13
29-30M	19	5	324	127	58	43	37	30	13
30-31M	10	12	618	139	67	33	38	19	18
31-32M	13	6	363	86	60	37	40	38	15
32-33M	10	<5	293	156	54	33	38	21	11
33-34M	13	<5	235	64	42	34	29	12	9
34-35M	16	<5	354	77	47	35	30	7	12
35-36M	15	<5	331	169	50	35	39	14	12
36-37M	12	<5	301	155	50	40	37	19	14
37-38M	14	<5	212	56	37	38	27	11	10
38-39M	13	<5	307	126	51	35	37	13	14
39-40M	36	<5	341	121	61	39	41	9	19
40-41M	9	<5	311	83	72	41	44	8	19
41-42M	7	<5	367	81	68	70	41	10	15
42-43M	11	<5	445	64	60	62	39	4	14
43-44M	11	<5	513	67	52	47	35	5	13
44-45M	12	<5	694	74	59	46	42	9	16
45-46M	15	<5	443	122	70	44	49	3	18
46-47M	8	<5	374	94	42	35	39	22	12
47-48M	10	<5	956	87	67	49	43	5	16
48-49M	10	5	1897	219	85	51	64	12	23
49-50M	9	<5	1024	138	58	40	44	5	16
50-51M	17	<5	734	350	63	42	54	19	17
51-52M	10	<5	768	73	53	36	40	12	16
52-53M	6	<5	921	56	48	48	35	5	15
53-54M	24	<5	1107	91	57	51	42	17	17
54-55M	11	<5	582	133	52	40	41	16	18
55-56M	10	<5	755	46	47	53	36	5	16
56-57M	11	<5	1214	48	50	47	34	6	16
57-58M	1890	<5	645	89	65	36	36	29	16
58-59M	2350	<5	587	138	57	36	40	28	15
59-60M	54	<5	578	60	53	34	36	18	15

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	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	24	15	208	373	313	30	11	89	6
1-2M	16	15	168	255	248	25	12	71	5
2-3M	16	12	1290	194	204	19	11	42	7
3-4M	19	11	169	147	158	19	11	40	4
4-5M	15	10	174	147	114	16	23	28	6
5-6M	9	7	349	101	108	16	21	9	8
6-7M	11	<5	449	41	60	9	13	7	6
7-8M	10	9	1106	54	64	16	33	17	11
8-9M	7	7	739	90	61	25	48	33	13
9-10M	2	<5	510	79	67	24	36	20	12
10-11M	3	<5	474	92	68	26	36	30	14
11-12M	3	<5	536	106	57	20	34	28	12
12-13M	4	<5	436	104	64	21	32	30	12
13-14M	<1	<5	396	146	72	19	37	29	12
14-15M	34	7	171	154	70	12	34	49	8
15-16M	12800	8	242	190	109	17	39	21	10
16-17M	1850	12	321	160	132	19	38	124	13
17-18M	8	<5	519	131	92	21	31	91	15
18-19M	3	<5	338	91	70	18	28	40	11
19-20M	6	<5	327	87	63	18	31	64	11
20-21M	7	<5	224	93	65	16	30	49	10
21-22M	32	<5	253	71	63	13	29	76	9
22-23M	9	<5	267	64	59	15	32	64	10
23-24M	10	<5	243	78	64	14	31	40	9
24-25M	9	<5	297	87	72	15	27	38	9
25-26M	13	<5	209	65	60	15	22	19	7
26-27M	15	<5	420	68	61	16	18	115	7
27-28M	27	<5	198	70	66	16	24	78	7
28-29M	6	<5	259	83	81	19	30	67	9
29-30M	8	<5	340	80	88	24	29	40	10
30-31M	6	8	518	53	102	31	50	12	15
31-32M	6	6	513	171	97	33	73	15	16
32-33M	5	<5	671	215	111	45	90	9	18
33-34M	1	<5	616	167	90	38	73	13	16
34-35M	5	7	559	133	87	29	56	13	18
35-36M	10	<5	642	49	104	50	55	79	19
36-37M	9	<5	597	93	81	45	40	41	13
37-38M	8	7	492	102	88	42	47	30	16
38-39M	157	<5	588	96	77	36	44	30	16
39-40M	13	6	483	90	74	36	45	15	16
40-41M	150	6	621	54	56	33	28	9	11
41-42M	33	<5	422	48	41	23	18	5	8
42-43M	78	<5	417	53	50	29	24	10	9
43-44M	11	<5	517	76	74	49	37	26	15
44-45M	17	<5	409	89	66	42	34	29	13
45-46M	3	5	443	81	70	47	34	37	14
46-47M	7	10	486	87	88	52	40	31	18
47-48M	52	13	796	183	75	56	55	3	31
48-49M	28	<5	692	179	61	45	43	2	24
49-50M	43	<5	726	195	69	54	45	2	23
50-51M	7	6	625	194	64	49	45	1	21
51-52M	120	6	743	194	64	49	46	2	21
52-53M	78	<5	674	187	64	52	43	1	22
53-54M	69	<5	755	184	58	46	42	1	24
54-55M	70	5	759	201	68	51	48	1	24
55-56M	96	7	584	168	57	46	42	6	19
56-57M	5	13	496	204	62	45	44	13	21
57-58M	3	16	675	148	98	49	41	50	22
58-59M	18	14	517	93	90	43	39	20	17
59-60M	5	<5	383	94	99	57	47	22	18

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	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	34	29	451	119	120	39	32	99	15
1-2M	16	19	301	61	78	37	26	98	12
2-3M	13	45	416	55	65	58	37	105	26
3-4M	11	27	481	52	61	77	42	106	36
4-5M	8	22	390	60	62	63	37	97	30
5-6M	18	29	428	68	64	65	41	98	35
6-7M	11	19	367	99	55	69	42	77	27
7-8M	18	17	106	66	65	102	48	79	16
8-9M	13	14	325	97	60	132	59	85	39
9-10M	12	11	358	74	60	136	51	90	34
10-11M	15	9	336	73	58	137	44	82	25
11-12M	29	11	1738	115	69	147	54	80	62
12-13M	11	14	1196	108	59	173	66	94	39
13-14M	22	13	173	78	51	167	51	82	15
14-15M	21	10	286	66	47	155	46	82	14
15-16M	28	11	426	66	59	140	63	110	35
16-17M	12	9	293	90	63	130	66	82	24
17-18M	8	9	244	65	55	107	54	76	23
18-19M	177	6	247	66	56	101	51	69	21
19-20M	7	8	307	119	70	107	57	58	26
20-21M	7	12	403	69	73	144	69	70	34
21-22M	6	12	316	74	74	92	43	52	18
22-23M	5	13	305	60	60	110	43	55	16
23-24M	7	22	327	63	65	112	42	42	17
24-25M	6	16	440	62	60	145	53	60	28
25-26M	6	26	426	54	52	131	44	47	27
26-27M	4	11	350	56	57	94	40	50	19
27-28M	3	8	411	67	66	96	51	60	26
28-29M	7	6	288	65	60	73	42	39	15
29-30M	5	9	467	67	63	110	62	68	35
30-31M	5	<5	228	58	53	82	44	78	18
31-32M	8	8	306	64	64	100	49	74	22
32-33M	5	5	269	84	55	83	40	72	18
33-34M	6	6	319	65	67	84	43	65	20
34-35M	7	17	453	42	44	92	60	45	29
35-36M	7	<5	343	68	69	76	36	47	17
36-37M	5	5	469	40	43	72	53	18	22
37-38M	2	<5	369	65	68	76	37	41	21
38-39M	6	9	297	62	63	76	38	42	19
39-40M	7	19	521	122	91	104	64	36	27
40-41M	55	6	379	98	90	76	49	59	22
41-42M	12	<5	412	174	86	81	49	51	25
42-43M	8	6	434	90	88	83	48	46	23
43-44M	13	12	501	83	82	81	49	46	25
44-45M	9	<5	425	84	69	78	46	45	24
45-46M	11	<5	388	72	65	97	58	93	28
46-47M	13	<5	338	63	48	75	45	54	22
47-48M	10	<5	354	57	48	83	50	70	25
48-49M	11	<5	335	56	49	92	56	76	25
49-50M	10	<5	410	63	54	98	58	67	27
50-51M	61	<5	413	68	58	99	61	92	30
51-52M	14	<5	430	68	56	101	61	68	29
52-53M	27	<5	413	66	61	95	63	66	30
53-54M	12	<5	312	81	64	72	43	36	23
54-55M	8	<5	304	63	44	63	36	43	19
55-56M	14	<5	364	74	62	98	58	60	27
56-57M	9	<5	456	69	65	115	66	102	33
57-58M	11	<5	421	71	65	99	62	89	31
58-59M	14	<5	449	63	63	93	58	75	30
59-60M	16	<5	418	75	73	86	54	61	27

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	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	31	<5	102	55	47	24	17	19	8
1-2M	86	25	2109	255	271	40	28	50	62
2-3M	44	28	2520	290	291	45	30	73	59
3-4M	23	13	150	148	82	26	22	46	9
4-5M	20	17	354	75	48	33	23	36	11
5-6M	25	33	676	63	54	39	30	61	21
6-7M	21	30	1017	61	48	76	26	60	20
7-8M	27	23	238	52	44	87	28	39	15
8-9M	19	15	201	66	42	70	26	26	13
9-10M	17	15	154	55	39	55	26	24	13
10-11M	37	17	168	73	56	65	31	25	14
11-12M	44	18	189	80	59	68	33	21	18
12-13M	32	35	170	87	66	67	25	26	13
13-14M	13	16	175	67	48	62	34	29	15
14-15M	10	15	259	52	38	61	31	18	16
15-16M	31	20	187	75	57	60	35	22	15
16-17M	9	17	117	60	40	58	26	22	12
17-18M	18	22	127	60	40	63	31	22	10
18-19M	16	19	189	67	39	60	33	16	13
19-20M	14	24	221	89	57	67	36	17	12
20-21M	64	26	157	75	45	63	31	21	11
21-22M	<1	28	128	47	36	54	27	19	10
22-23M	19	39	232	62	45	66	33	35	12
23-24M	3	29	370	54	45	72	36	40	19
24-25M	6	25	179	272	53	82	45	35	15
25-26M	2	20	439	85	75	84	36	22	24
26-27M	2	7	470	69	89	108	37	16	39
27-28M	103	18	511	130	141	115	45	84	34
28-29M	7	21	500	107	80	82	55	40	36
29-30M	5	21	255	78	59	78	37	34	22
30-31M	6	27	266	77	49	73	40	32	20
31-32M	12	32	173	79	38	62	32	25	15
32-33M	22	60	325	227	75	90	58	60	27
33-34M	12	27	244	205	60	90	40	65	19
34-35M	3	21	144	60	44	74	27	53	11
35-36M	5	28	138	156	40	68	33	38	14
36-37M	1	26	120	57	36	64	20	29	9
37-38M	34	25	165	77	62	76	24	69	12
38-39M	43	33	212	174	67	75	29	53	16
39-40M	4	14	160	63	40	58	29	22	12
40-41M	19	51	199	76	48	62	28	28	14
41-42M	15	49	194	67	44	64	30	33	14
42-43M	21	28	158	59	44	65	29	21	12
43-44M	17	15	153	55	43	54	28	28	13
44-45M	18	28	290	104	94	79	40	40	17
45-46M	14	29	230	72	59	62	43	29	19
46-47M	16	29	235	76	55	55	36	30	17
47-48M	17	30	652	145	125	77	56	66	39
48-49M	55	16	596	117	124	57	40	92	31
49-50M	14	26	263	104	50	56	35	31	17
50-51M	16	20	221	66	47	61	32	22	17
51-52M	22	27	250	166	59	69	39	21	18
52-53M	17	20	192	74	43	59	32	23	16
53-54M	50	15	175	68	47	51	27	21	14
54-55M	41	58	210	246	44	59	39	25	20
55-56M	783	83	206	93	69	54	32	36	16
56-57M	13	12	226	88	70	56	30	16	16
57-58M	11	<5	407	27	83	69	3	7	20
58-59M	10	10	332	24	70	60	3	8	19
59-60M	9	7	380	27	85	71	5	7	20

DRC-2

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	42	9	477	48	60	37	26	22	24
1-2M	40	10	328	63	77	56	28	23	14
2-3M	19	14	443	81	117	75	38	27	18
3-4M	2	14	365	80	94	69	41	26	17
4-5M	32	11	270	55	59	51	26	10	12
5-6M	52	8	221	57	55	42	24	18	10
6-7M	820	9	238	45	60	40	22	27	11
7-8M	770	13	444	8	89	67	28	25	23
8-9M	1090	13	444	13	102	72	33	26	22
9-10M	18	15	537	275	103	81	78	51	21
10-11M	34	15	318	83	84	51	43	25	14
11-12M	286	9	592	388	110	86	103	6	24
12-13M	1537	11	637	453	114	87	117	2	24
13-14M	170	20	612	353	106	90	90	1	20
14-15M	221	17	437	89	105	79	50	20	17
15-16M	932	8	356	58	60	74	43	101	15
16-17M	9	10	418	77	85	76	47	7	18
17-18M	13	8	498	76	86	73	48	7	19
18-19M	5	16	317	56	64	71	42	5	14
19-20M	10	7	402	52	57	64	33	5	13
20-21M	9	<5	375	59	64	73	34	5	14
21-22M	6	11	603	71	76	69	43	24	16
22-23M	6	<5	608	103	126	106	65	7	21
23-24M	49	18	676	92	109	99	61	15	21
24-25M	4	34	548	57	55	78	47	12	20
25-26M	112	18	487	68	74	82	49	45	20
26-27M	78	18	686	103	125	103	59	160	27
27-28M	112	18	645	92	110	93	53	38	24
28-29M	75	23	270	45	47	41	25	90	13
29-30M	16	10	378	47	49	43	24	18	13
30-31M	31	101	1100	64	64	52	40	28	20
31-32M	29	18	502	47	49	47	30	31	12
32-33M	15	8	485	54	60	62	34	54	14
33-34M	25	9	521	63	65	87	50	75	25
34-35M	35	10	623	52	56	55	30	56	15
35-36M	1640	535	661	68	55	51	33	62	19
36-37M	390	482	815	184	117	129	60	63	30
37-38M	1091	1222	735	108	128	103	61	94	27
38-39M	130	425	655	215	104	77	56	62	29
39-40M	22	252	635	285	92	61	72	32	33
40-41M	16	143	521	262	86	57	65	42	32
41-42M	251	658	478	132	95	66	42	53	22
42-43M	7	50	304	62	72	69	26	31	14
43-44M	6	20	391	74	83	67	36	113	17
44-45M	11	23	333	71	82	58	31	20	13
45-46M	15	31	348	74	79	63	35	35	15
46-47M	11	41	299	70	79	102	29	43	14
47-48M	24	26	273	64	73	64	27	20	13
48-49M	6	21	303	67	76	58	29	25	15
49-50M	21	19	466	76	99	74	32	36	19
50-51M	33	18	977	59	106	90	20	41	22
51-52M	10	21	417	49	61	43	25	16	12
52-53M	28	41	460	67	83	66	32	24	16
53-54M	8	17	426	65	73	50	25	21	13
54-55M	73	56	507	73	82	51	28	28	15
55-56M	74	52	682	67	73	45	27	35	15
56-57M	127	90	481	97	101	55	33	31	18
57-58M	342	211	382	86	92	67	29	28	16
58-59M	14	27	425	80	88	57	29	22	15
59-60M	10	16	460	85	96	58	31	13	16

DRC-3

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	7	<5	414	85	84	71	49	60	26
1-2M	3	6	412	70	66	59	35	35	19
2-3M	8	<5	337	59	55	51	28	26	15
3-4M	4	5	385	60	56	41	26	22	12
4-5M	3	5	468	63	61	70	34	35	19
5-6M	1	<5	608	73	67	79	37	24	19
6-7M	3	<5	666	86	109	96	48	49	22
7-8M	14	<5	418	72	69	82	48	42	18
8-9M	9	<5	336	49	48	44	27	15	15
9-10M	3	6	608	72	68	64	38	45	17
10-11M	3	6	386	60	55	53	31	16	14
11-12M	2	8	520	77	71	66	41	39	19
12-13M	3	9	599	126	66	50	37	6	19
13-14M	5	5	462	78	82	64	41	44	21
14-15M	7	7	469	74	72	60	35	32	21
15-16M	2	8	494	66	61	52	33	24	17
16-17M	2	7	532	75	71	54	37	66	17
17-18M	6	<5	395	57	59	41	23	54	14
18-19M	4	<5	237	45	50	31	17	27	9
19-20M	2	8	397	79	83	63	34	32	18
20-21M	<1	<5	446	74	77	55	32	25	14
21-22M	2	9	467	81	80	62	31	50	17
22-23M	<1	13	604	81	74	56	30	24	17
23-24M	<1	15	837	132	101	75	41	22	21
24-25M	<1	23	1437	69	83	56	30	47	17
25-26M	4	23	1223	137	117	67	42	93	33
26-27M	<1	72	429	113	95	63	32	84	26
27-28M	<1	92	552	211	126	72	52	21	31
28-29M	2	43	854	156	144	88	68	54	34
29-30M	1	38	380	38	53	94	55	187	23
30-31M	2	18	214	33	39	120	33	35	18
31-32M	20	20	203	36	40	121	32	34	17
32-33M	2	41	428	60	70	93	38	43	20
33-34M	48	60	330	47	52	84	35	47	18
34-35M	3	19	293	54	67	79	49	56	23
35-36M	1	<5	260	50	63	82	58	97	24
36-37M	2	<5	322	44	50	87	52	79	23
37-38M	<1	<5	223	44	49	77	47	65	20
38-39M	1	19	297	57	64	84	35	39	17
39-40M	2	40	312	47	52	68	38	51	18
40-41M	1	27	288	48	57	74	46	54	22
41-42M	2	53	640	87	94	70	21	26	24
42-43M	1	9	276	48	53	74	36	37	20
43-44M	4	<5	263	51	56	78	45	55	21
44-45M	1	<5	280	36	34	96	58	89	23
45-46M	2	<5	323	64	72	90	75	98	26
46-47M	<1	24	610	219	179	102	88	94	31
47-48M	1	12	681	249	185	110	96	83	36
48-49M	10	<5	332	45	52	95	59	84	25
49-50M	1	15	405	72	87	89	55	74	25
50-51M	<1	16	453	58	70	86	47	65	22
51-52M	1	47	429	58	67	86	49	74	25
52-53M	502	28	397	71	79	82	45	60	22
53-54M	227	16	440	57	60	89	53	82	25
54-55M	1	35	355	61	66	62	37	48	17
55-56M	<1	11	331	54	58	99	60	92	26
56-57M	<1	13	324	40	35	101	62	89	24
57-58M	5	10	322	42	39	97	76	100	28
58-59M	1	8	319	38	34	90	75	95	28
59-60M	2	6	318	44	44	92	60	82	25

DRC-4

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	1	<5	195	75	68	36	27	30	17
1-2M	<1	<5	282	86	61	29	30	29	23
2-3M	3	<5	262	73	54	35	35	27	22
3-4M	2	<5	162	50	37	27	26	18	16
4-5M	4	<5	270	39	40	41	37	14	22
5-6M	2	<5	499	48	45	44	38	15	27
6-7M	2	<5	427	54	47	34	31	16	16
7-8M	1	<5	507	49	50	39	37	13	18
8-9M	11	<5	764	51	49	41	42	13	18
9-10M	1	<5	334	35	36	46	67	12	15
10-11M	1	<5	466	43	44	37	41	19	15
11-12M	1	<5	322	49	42	35	39	19	13
12-13M	1	<5	572	76	39	20	24	20	12
13-14M	<1	<5	209	54	36	25	32	12	13
14-15M	3	<5	453	56	39	26	42	5	13
15-16M	1	<5	398	64	39	18	22	26	10
16-17M	3	<5	831	57	43	32	36	13	15
17-18M	1	<5	275	51	44	36	38	15	12
18-19M	1	<5	339	54	44	31	33	10	14
19-20M	<1	5	333	81	57	26	33	34	15
20-21M	5	<5	738	97	82	44	55	32	22
21-22M	1	<5	593	91	67	47	47	34	22
22-23M	<1	<5	680	40	39	43	41	6	15
23-24M	<1	<5	633	45	41	43	36	13	15
24-25M	<1	<5	295	39	38	42	34	14	13
25-26M	5	7	496	56	53	46	41	6	16
26-27M	3	<5	479	55	57	34	39	16	15
27-28M	1	<5	376	80	64	32	37	39	13
28-29M	<1	<5	403	74	53	24	32	36	12
29-30M	<1	<5	291	69	42	21	29	9	11
30-31M	1	<5	211	53	35	25	28	23	10
31-32M	2	<5	355	60	37	23	26	11	10
32-33M	1	<5	372	57	53	41	43	23	15
33-34M	30	<5	363	37	42	49	35	14	13
34-35M	1	<5	296	35	41	42	33	12	13
35-36M	2	<5	303	36	35	41	34	14	13
36-37M	1	<5	343	37	39	46	36	14	13
37-38M	1	<5	422	34	35	40	34	24	13
38-39M	3	<5	413	39	39	40	34	15	13
39-40M	1	<5	533	40	40	32	29	22	14
40-41M	9	<5	404	41	29	21	22	22	7
41-42M	11	6	439	45	28	20	23	23	12
42-43M	2	8	379	58	47	34	36	42	15
43-44M	2	<5	421	51	39	32	33	30	14
44-45M	1	<5	411	43	35	33	31	24	12
45-46M	5	<5	459	45	42	44	40	20	14
46-47M	11	<5	394	37	31	32	28	24	11
47-48M	3	<5	400	39	39	45	39	21	13
48-49M	6	<5	238	46	32	26	41	12	9
49-50M	5	<5	431	60	49	45	42	16	15
50-51M	18	<5	414	43	36	36	33	20	13
51-52M	8	7	325	32	31	44	31	9	12
52-53M	9	6	412	35	32	43	39	25	15
53-54M	12	12	450	41	36	35	36	26	14
54-55M	7	11	453	53	49	41	41	27	15
55-56M	8	6	370	38	41	47	40	15	13
56-57M	4	6	465	61	52	44	56	14	16
57-58M	4	13	606	66	65	41	63	32	21
58-59M	2	6	433	42	48	40	44	18	14
59-60M	1	6	524	76	63	46	51	26	19

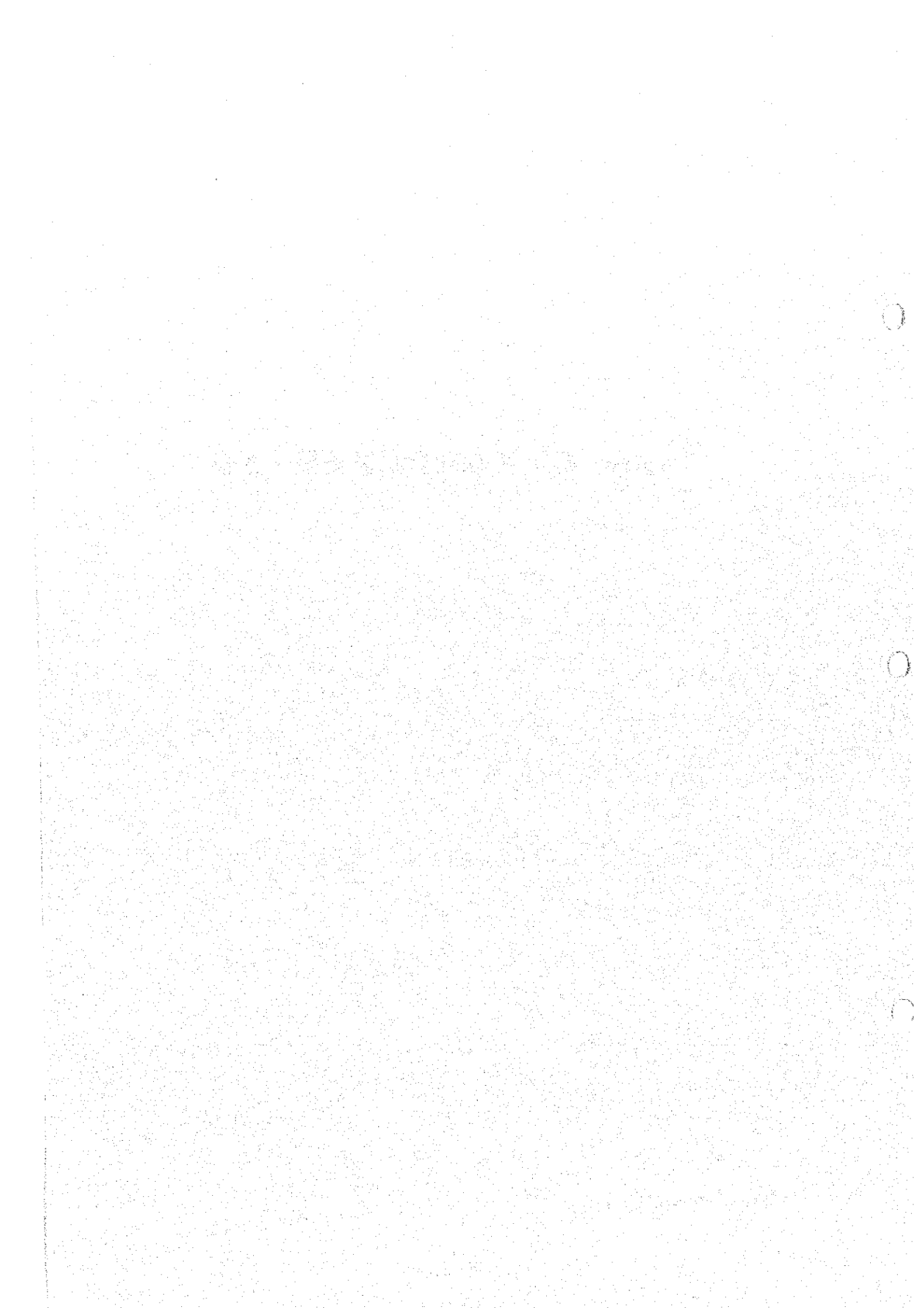
DRC-5

	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
0-1M	1085	<5	642	120	119	42	41	43	26
1-2M	2280	<5	454	85	91	51	47	19	22
2-3M	7380	<5	298	63	73	40	41	17	17
3-4M	2320	<5	284	66	84	39	38	23	15
4-5M	19500	<5	275	65	61	34	38	7	18
5-6M	24	<5	304	94	103	43	46	13	18
6-7M	8	<5	210	93	83	39	41	5	14
7-8M	9	<5	249	78	74	39	48	12	15
8-9M	8	<5	456	77	86	46	57	23	22
9-10M	125	<5	441	61	69	38	50	3	19
10-11M	10	<5	379	81	89	54	60	2	19
11-12M	8	<5	494	85	90	47	51	2	23
12-13M	6	<5	236	63	61	28	33	2	15
13-14M	13	<5	166	58	59	24	29	2	12
14-15M	6	<5	255	58	61	33	39	27	14
15-16M	18	<5	323	69	70	51	53	2	21
16-17M	4	<5	395	102	104	55	58	10	24
17-18M	2	<5	213	79	69	28	40	1	15
18-19M	11	<5	130	79	66	23	33	6	8
19-20M	4	<5	124	63	41	19	28	14	8
20-21M	13	<5	237	88	83	27	32	20	19
21-22M	16	<5	298	72	64	24	33	21	22
22-23M	13	<5	306	59	63	36	37	25	19
23-24M	11	<5	358	56	63	42	42	11	20
24-25M	35	<5	472	66	67	46	49	16	22
25-26M	3	<5	395	82	79	48	59	16	22
26-27M	7	<5	347	88	87	34	44	29	20
27-28M	20	<5	421	83	82	38	54	11	23
28-29M	18	<5	393	66	69	45	46	31	17
29-30M	14	<5	352	53	56	48	45	13	17
30-31M	12	<5	314	54	60	41	48	40	17
31-32M	8	<5	304	46	53	50	50	7	16
32-33M	20	<5	251	43	47	41	40	15	16
33-34M	9	<5	355	48	54	43	44	7	15
34-35M	14	<5	293	45	48	42	36	10	14
35-36M	15	<5	407	43	49	44	40	9	15
36-37M	19	<5	533	51	51	36	38	29	15
37-38M	8	<5	221	44	52	44	44	14	14
38-39M	30	5	423	72	70	47	47	24	15
39-40M	28	<5	290	47	52	48	40	13	14
40-41M	11	<5	189	36	39	41	34	8	14
41-42M	5	<5	204	39	42	44	37	12	14
42-43M	4	<5	355	54	45	45	41	15	16
43-44M	31	<5	327	57	51	45	39	22	17
44-45M	8	<5	434	47	38	32	29	15	13
45-46M	13	<5	249	51	37	32	31	23	14
46-47M	1	<5	235	51	42	29	29	21	13
47-48M	10	<5	306	48	40	37	36	34	14
48-49M	21	<5	430	85	74	46	54	41	20
49-50M	92	<5	370	77	73	48	59	46	22
50-51M	71	<5	506	78	66	41	54	50	22
51-52M	80	<5	595	88	75	36	51	56	21
52-53M	6	<5	493	77	76	45	56	54	24
53-54M	36	<5	662	73	63	36	45	28	24
54-55M	100	<5	364	50	52	41	49	35	21
55-56M	9	<5	701	78	70	27	39	58	18
56-57M	2	<5	501	80	58	34	52	31	16
57-58M	5	<5	354	67	53	36	42	21	14
58-59M	8	<5	390	42	44	54	42	10	17
59-60M	16	<5	298	42	42	49	39	17	16

Ore samples

Site	Depth	Au	As	Mn	Cr	V	Zn	Ni	Cu	Co
MDDH-1	51.1m	24	5	356	127	128	77	55	6	23
MDDH-1	51.4m	3084	<5	223	72	68	47	36	13	16
MDDH-1	51.7m	178	<5	103	27	13	11	56	12	5
MDDH-1	51.95m	1222	<5	372	76	63	56	48	4	13
MDDH-1	53.2m	20	<5	342	86	85	59	51	2	17
MDDH-1	53.55m	<1	<5	704	124	106	80	53	91	20
MDDH-1	53.75m	2212	<5	288	76	71	44	35	9	21
MDDH-1	53.9m	11046	<5	324	58	47	43	43	3	11
MDDH-1	53.95m	4308	<5	289	63	58	38	33	5	14
MDDH-1	54.1m	56	<5	249	48	44	43	27	21	12
MDDH-1	76.6m	40	<5	256	48	38	20	33	22	13
MDDH-1	77.4m	26	<5	434	70	62	29	27	14	10
MDDH-1	78.6m	258	<5	169	10	10	11	22	24	6
MDDH-1	79.7m	40	<5	1069	73	66	37	51	12	14
MDDH-1	82.3m	54	<5	192	50	44	34	33	14	14
MDDH-1	82.4m	1718	<5	247	60	58	50	46	13	21
MDDH-1	82.6m	58	<5	169	49	42	33	37	10	19
MDDH-1	83.8m	244	11	327	30	12	12	79	29	27
MDDH-1	84.5m	19096	<5	322	110	100	48	51	16	16
MDDH-1	84.8m	758	<5	448	60	43	31	35	27	9
MDDH-1	85.2m	1040	<5	227	49	33	23	21	9	7
MDDH-1	113.3m	132	16	1775	43	50	26	14	159	11
MDDH-1	113.4m	8856	7	1440	46	60	28	18	27	6
MDDH-1	113.5m	2012	9	756	55	62	43	24	23	8
MDDH-1	113.9m	100	8	670	73	92	47	25	8	7
MDDH-1	114.6m	128	8	898	72	95	108	35	26	10
MDDH-3	21.0m	46016	<5	801	47	52	42	67	30	25
MDDH-3	21.5m	188	<5	345	20	17	16	36	25	8
MDDH-3	21.8m	36	<5	385	24	16	19	41	34	7
MDDH-3	22.0m	40	<5	525	71	78	44	50	91	15
MDDH-3	93.1m	92	433	647	164	132	90	74	34	46
MDDH-3	93.8m	26	78	1100	180	83	70	71	130	17
MDDH-3	94.3m	54	110	887	205	80	80	58	69	14
MDDH-3	94.5m	42	444	795	108	128	453	54	704	24
MDDH-3	94.8m	144	461	861	84	126	214	58	26	64
MDDH-3	94.85m	54	78	668	18	25	158	10	30	6
MDDH-3	109.9m	348	505	633	85	133	109	38	77	26
MDDH-3	110.7m	274	371	634	54	91	82	12	49	18
MDDH-3	110.95m	1118	10000	512	77	109	74	58	64	21
MDDH-3	149.2m	310	2597	338	66	72	72	40	46	21
MDDH-3	149.3m	68	406	349	51	56	63	32	45	14
MDDH-4	2.8m	48	7	546	154	168	21	44	11	20
MDDH-4	3.0m	38	<5	327	163	135	18	45	43	28
MDDH-4	3.7m	38	<5	111	121	53	9	22	15	7
MDDH-4	4.0m	12	<5	92	82	51	5	15	14	5
MDDH-4	4.5m	8	<5	57	121	55	6	15	29	5
MDDH-4	7.1m	26	<5	190	179	78	14	55	80	13
MDDH-4	7.3m	34	<5	196	207	99	20	87	130	17
MDDH-4	7.5m	16	<5	221	137	134	14	28	128	12
MDDH-4	7.8m	158	<5	123	85	75	12	35	37	10
MDDH-5	109.9m	136	4309	376	50	32	57	16	17	9
MDDH-5	110.5m	188	908	293	28	30	52	16	39	7
MDDH-5	110.8m	60	171	374	47	43	125	29	58	14
MDDH-5	111.2m	2386	10000	408	55	56	45	30	37	11
MDDH-5	111.5m	684	5326	529	51	60	63	56	102	35
MDDH-5	111.6m	400	2241	724	75	77	74	169	177	79
MDDH-5	112.0m	8850	10000	273	26	19	32	16	26	5
MDDH-5	112.3m	76	329	393	53	52	54	37	54	17

Ap.14 粉末 X 線回折試驗結果一覽表

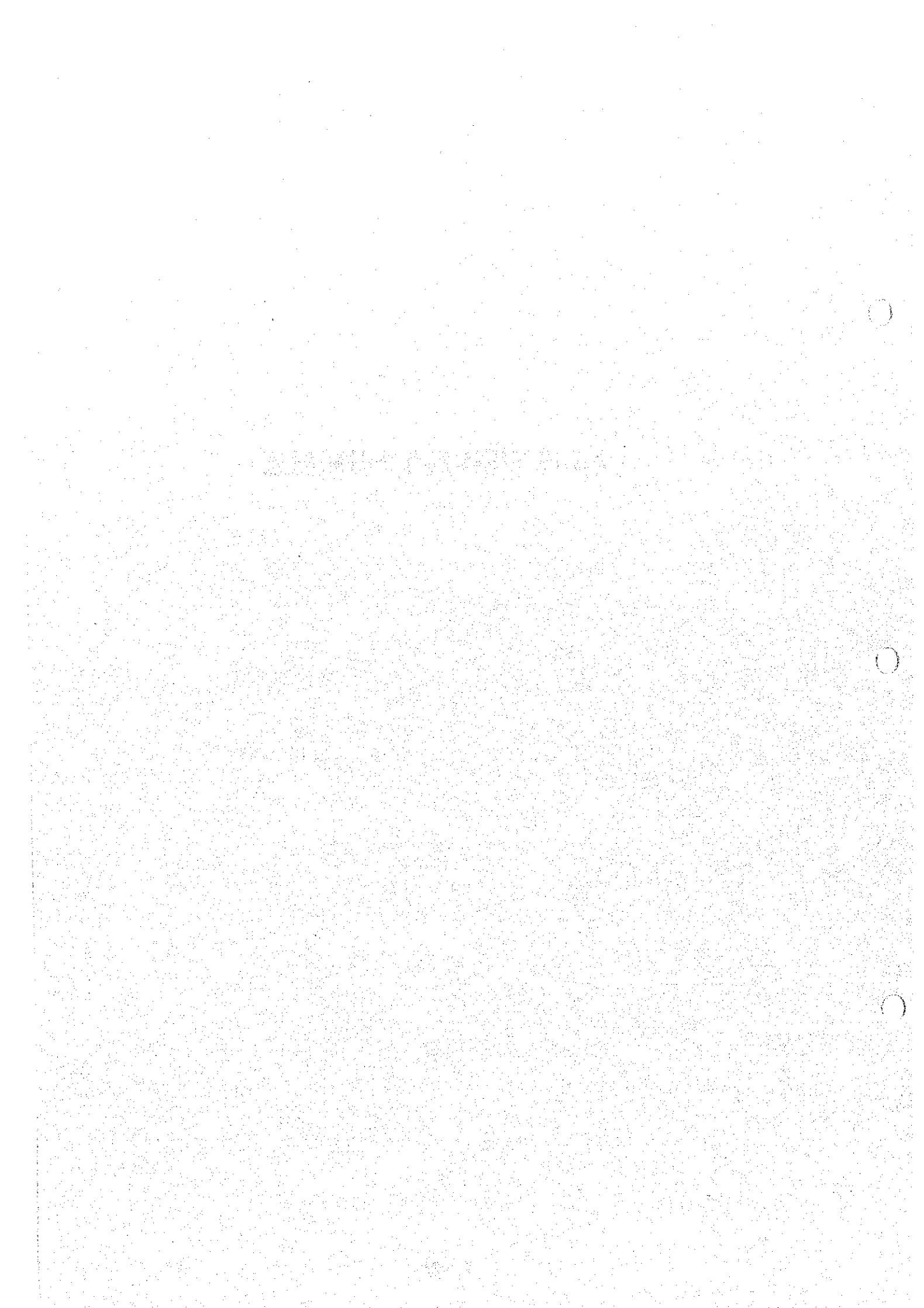


Ap.11 Results of X-ray diffraction

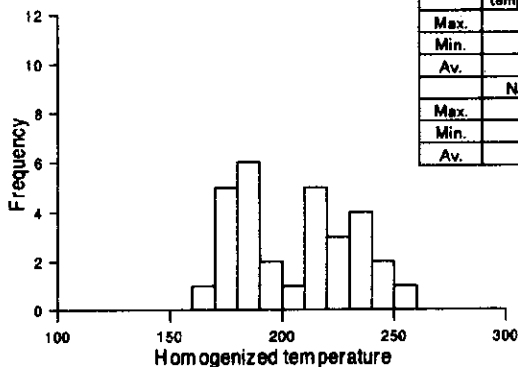
No.	Sample	Detectrd minerals										
		Quartz	Orthoclase	Albite	Biotite	Muscovite	Chlorite	Vermiculite	Calcite	Dolomite	Hematite	Pyrite
1	MDDH-1 53.1m	⊙	○			△	△	△			△	
2	MDDH-1 53.5m		⊙			○	△	△			△	
3	MDDH-1 53.7m		⊙		⊙	△	△					•
4	MDDH-1 77.6m	⊙	△		△	⊙	○		△			•
5	MDDH-1 82-1m	⊙	△		○	△	△		△			
6	MDDH-1 82.9m	⊙	△			○	△					
7	MDDH-1 83.8m	⊙	△			○	△			○		•
8	MDDH-1 84.4m	⊙	○			•	○					•
9	MDDH-1 113.7m	⊙	•			△	○		•			•
10	MDDH-3 86.7m	⊙		△		○			•			△

⊙; abundant ○; common △; little •; rare

Ap.15 流体包有物試験結果

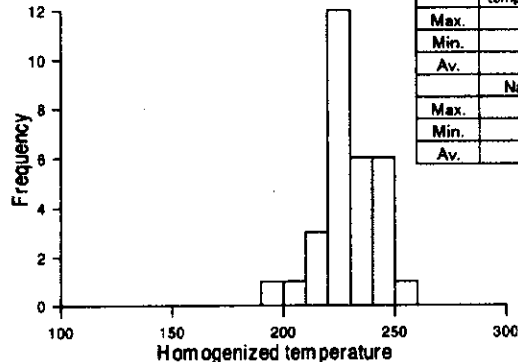


Sample; MDDH-1 77.9m



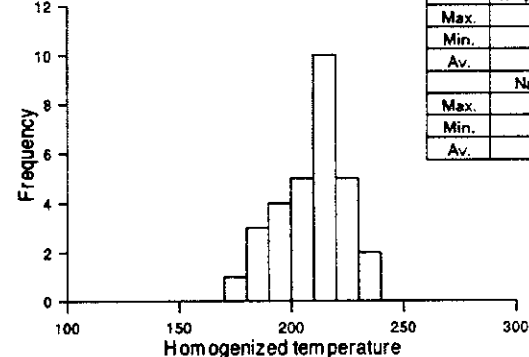
Homogenized temperature(°C)	
Max.	252
Min.	167
Av.	208.6
NaCl (wt%)	
Max.	34.94
Min.	1.42
Av.	11.43

Sample; MDDH-1 79.6m



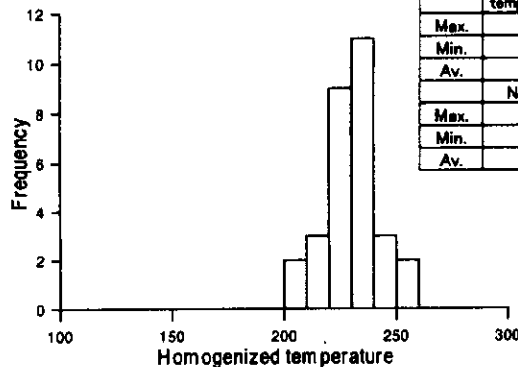
Homogenized temperature(°C)	
Max.	251
Min.	197
Av.	230.1
NaCl (wt%)	
Max.	31.72
Min.	1.95
Av.	7.15

Sample; MDDH-1 80.9m



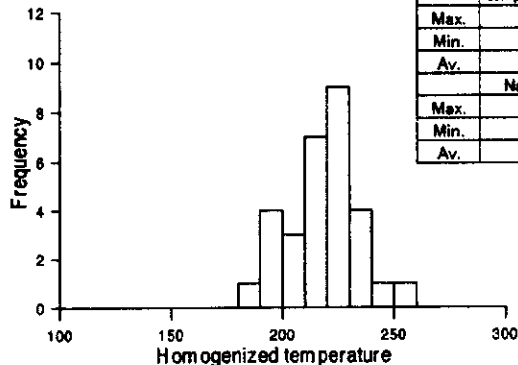
Homogenized temperature(°C)	
Max.	235
Min.	173
Av.	210
NaCl (wt%)	
Max.	4.43
Min.	0
Av.	2.17

Sample; MDDH-1 113.6m



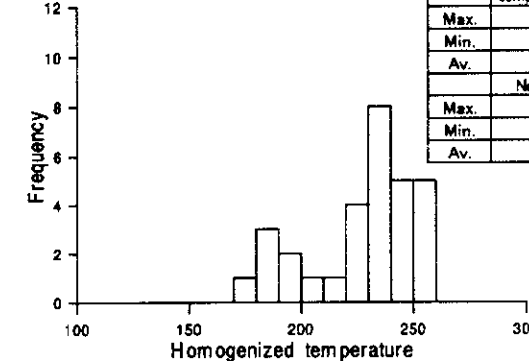
Homogenized temperature(°C)	
Max.	258
Min.	202
Av.	230.9
NaCl (wt%)	
Max.	18.29
Min.	0.89
Av.	5.29

Sample; MDDH-3 105.25m



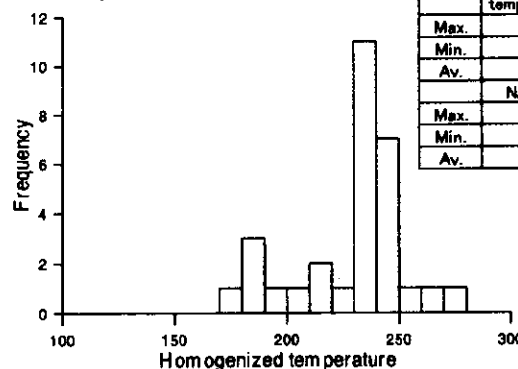
Homogenized temperature(°C)	
Max.	254
Min.	188
Av.	218.4
NaCl (wt%)	
Max.	43.67
Min.	1.78
Av.	11.73

Sample; MDDH-3 139.75m



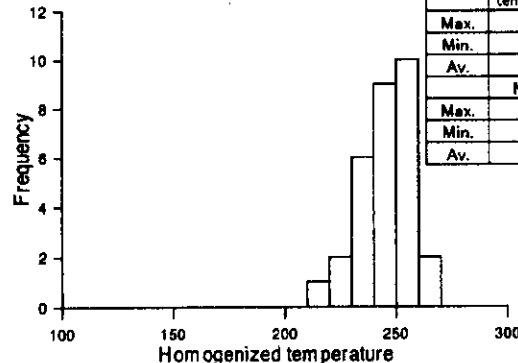
Homogenized temperature(°C)	
Max.	255
Min.	177
Av.	227.3
NaCl (wt%)	
Max.	14.61
Min.	1.42
Av.	6.58

Sample; MDDH-3 140.3m



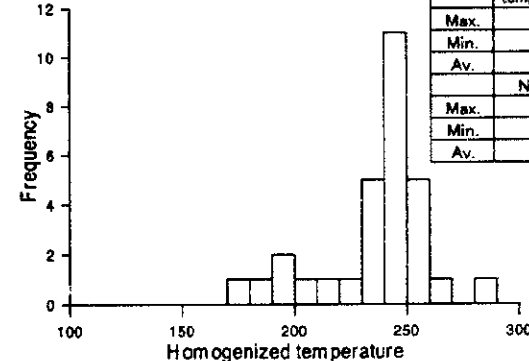
Homogenized temperature(°C)	
Max.	278
Min.	177
Av.	229.7
NaCl (wt%)	
Max.	14.79
Min.	1.07
Av.	4.39

Sample; MDDH-3 149.15m



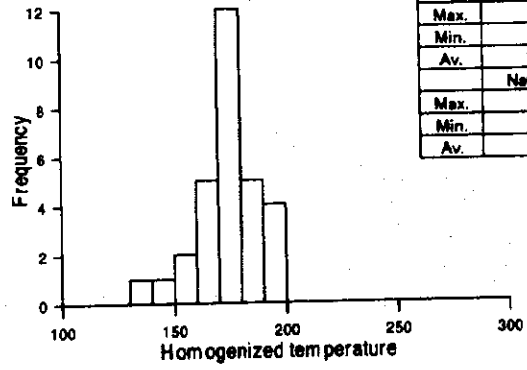
Homogenized temperature(°C)	
Max.	263
Min.	216
Av.	246.3
NaCl (wt%)	
Max.	15.34
Min.	1.07
Av.	5.33

Sample; MDDH-4 143.05m



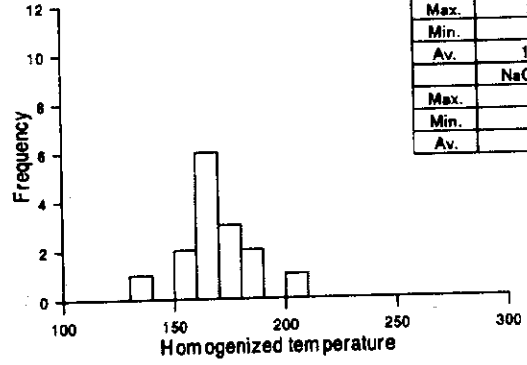
Homogenized temperature(°C)	
Max.	282
Min.	177
Av.	236.7
NaCl (wt%)	
Max.	15.88
Min.	3.55
Av.	10.22

Sample; Morila 1



	Homogenized temperature(°C)
Max.	200
Min.	137
Av.	174.6
	NaCl (wt%)
Max.	6.02
Min.	0.53
Av.	2.66

Sample; Morila 2



	Homogenized temperature(°C)
Max.	202
Min.	136
Av.	170.2
	NaCl (wt%)
Max.	-
Min.	-
Av.	-

Results of fluid inclusion homogenization temperature (1)

Sample: MDDH-1 77.9m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	182	5x10	I	P		
2	Qz	188	5x5	I	P	-2.1	3.72
3	Qz	167	5x10	I	S		
4	Qz	174	5x5	I	P		
5	Qz	215	5x10	I	P		
6	Qz	220	5x5	I	P	-1.6	2.84
7	Qz	232	5x10	I	P		
8	Qz	252	5x10	I	P	-2.4	4.25
9	Qz	176	5x5	I	S		
10	Qz	187	5x10	I	P		
11	Qz	245	5x10	I	P	-16.6	30.88
12	Qz	217	5x5	I	P		
13	Qz	192	5x10	I	P	-0.8	1.42
14	Qz	229	5x5	I	P	-1.8	3.19
15	Qz	213	3x5	I	P		
16	Qz	177	3x5	I	P		
17	Qz	242	10x15	I	P	-14.2	25.98
18	Qz	176	5x5	I	P	-1.7	3.02
19	Qz	235	3x5	I	P		
20	Qz	236	5x10	I	P		
21	Qz	193	5x5	I	P	-2.3	4.08
22	Qz	235	5x5	I	P		
23	Qz	220	5x10	I	P		
24	Qz	226	3x5	I	P		
25	Qz	184	5x10	I	S		
26	Qz	177	5x10	I	P	-18.5	34.94
27	Qz	190	3x5	I	P		
28	Qz	223	5x10	I	P		
29	Qz	206	5x5	I	P		
30	Qz	189	5x10	I	P		

Homogenized temperature(°C)	
Max.	252
Min.	167
Av.	206.6
NaCl (wt%)	
Max.	34.94
Min.	1.42
Av.	11.43

Sample: MDDH-1 79.6m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	221	5x10	I	P	-3	5.32
2	Qz	230	10x15	I	P		
3	Qz	251	5x5	I	P		
4	Qz	197	5x10	I	P	-1.6	2.84
5	Qz	245	5x10	I	P		
6	Qz	230	10x10	I	P		
7	Qz	236	5x10	I	P	-1.1	1.95
8	Qz	244	5x5	I	P	-2	3.55
9	Qz	228	5x5	I	P		
10	Qz	230	10x15	I	P		
11	Qz	225	5x10	I	P		
12	Qz	220	5x5	I	P		
13	Qz	247	5x5	I	P		
14	Qz	226	5x5	I	P	-2.3	4.08
15	Qz	239	5x5	I	P	-7.6	13.52
16	Qz	204	3x3	I	P		
17	Qz	215	5x5	I	P		
18	Qz	226	5x5	I	P		
19	Qz	242	10x10	I	P		
20	Qz	230	5x15	I	P	-17	31.72
21	Qz	225	5x5	I	P		
22	Qz	237	5x10	I	P		
23	Qz	241	5x10	I	P		
24	Qz	240	5x5	I	P	-2	3.55
25	Qz	214	5x5	I	P		
26	Qz	223	5x10	I	P		
27	Qz	235	10x15	I	P		
28	Qz	231	5x5	I	P	-1.6	2.84
29	Qz	241	5x5	I	P	-1.2	2.13
30	Qz	230	5x5	I	P		

Homogenized temperature(°C)	
Max.	251
Min.	197
Av.	230.1
NaCl (wt%)	
Max.	31.72
Min.	1.95
Av.	7.15

Mineral: Qz=quartz Size: wide(μm)×length(μm) Position: I=inner or older Phase: P=primary, S=secondary

Results of fluid inclusion homogenization temperature (2)

Sample: MDDH-1 80.9m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	173	5x5	I	P		
2	Qz	184	3x3	I	P	-0.6	1.07
3	Qz	200	3x5	I	P		
4	Qz	215	5x5	I	P		
5	Qz	221	5x10	I	P	-2.1	3.72
6	Qz	210	3x5	I	P		
7	Qz	205	5x10	I	P		
8	Qz	227	5x5	I	P		
9	Qz	234	5x10	I	P	-1.1	1.95
10	Qz	189	5x5	I	P	-2.2	3.9
11	Qz	194	5x5	I	P		
12	Qz	216	5x5	I	P		
13	Qz	221	3x5	I	P		
14	Qz	217	3x3	I	P		
15	Qz	203	5x5	I	P		
16	Qz	218	5x5	I	P	-2.5	4.43
17	Qz	212	3x5	I	P		
18	Qz	203	3x5	I	P	-1.7	3.02
19	Qz	220	5x10	I	P		
20	Qz	224	5x5	I	P		
21	Qz	215	5x5	I	P	-0.1	0.18
22	Qz	193	5x5	I	P		
23	Qz	188	5x5	I	P		
24	Qz	196	3x5	I	P		
25	Qz	207	5x5	I	P	-0.2	0.36
26	Qz	214	3x5	I	P	-1.7	3.02
27	Qz	229	5x15	I	P		
28	Qz	235	10x10	I	P		
29	Qz	220	3x5	I	P		
30	Qz	216	3x5	I	P	0	0

	Homogenized temperature(°C)
Max.	235
Min.	173
Av.	210
	NaCl (wt%)
Max.	4.43
Min.	0
Av.	2.17

Sample: MDDH-1 113.6m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	223	5x10	I	P	-10.2	18.29
2	Qz	236	5x10	I	P	-1.4	2.48
3	Qz	207	5x5	I	P		
4	Qz	217	3x5	I	P		
5	Qz	240	5x5	I	P		
6	Qz	238	3x3	I	P		
7	Qz	224	5x5	I	P	-1.7	3.02
8	Qz	231	5x10	I	P		
9	Qz	230	5x5	I	P		
10	Qz	226	5x10	I	P	-2	3.55
11	Qz	225	3x5	I	P		
12	Qz	241	3x3	I	P		
13	Qz	233	10x10	I	P	-6.2	11
14	Qz	224	5x10	I	P	-3.7	6.55
15	Qz	236	3x5	I	P		
16	Qz	202	5x5	I	P		
17	Qz	235	3x3	I	P		
18	Qz	230	5x5	I	P		
19	Qz	244	5x5	I	P		
20	Qz	252	5x10	I	P	-2	3.55
21	Qz	240	5x10	I	P		
22	Qz	228	3x5	I	P		
23	Qz	235	5x5	I	P		
24	Qz	242	5x10	I	P	-1.4	2.48
25	Qz	227	5x10	I	P	-0.5	0.89
26	Qz	211	5x5	I	P		
27	Qz	235	5x5	I	P		
28	Qz	240	5x5	I	P	-0.6	1.07
29	Qz	220	5x5	I	P		
30	Qz	256	5x10	I	P		

	Homogenized temperature(°C)
Max.	256
Min.	202
Av.	230.9
	NaCl (wt%)
Max.	18.29
Min.	0.89
Av.	5.29

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (3)

Sample: MDDH-3 105.25m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	214	5x5	I	P		
2	Qz	227	10x10	I	P	-10.5	18.85
3	Qz	201	5x10	I	P	-6.2	11
4	Qz	192	5x5	I	S		
5	Qz	206	5x5	I	P		
6	Qz	212	5x10	I	P		
7	Qz	220	5x5	I	P		
8	Qz	231	5x10	I	P	-1.5	2.66
9	Qz	222	5x5	I	P	-2	3.55
10	Qz	198	5x15	I	P		
11	Qz	223	5x5	I	P		
12	Qz	220	5x10	I	P	-22.3	43.67
13	Qz	216	5x5	I	P		
14	Qz	234	5x5	I	P		
15	Qz	242	5x5	I	P		
16	Qz	254	10x30	I	P	-11.3	20.35
17	Qz	230	5x5	I	P		
18	Qz	195	5x10	I	S		
19	Qz	225	5x10	I	P		
20	Qz	203	5x15	I	P		
21	Qz	228	5x10	I	P	-1.8	3.19
22	Qz	219	5x10	I	P	-1	1.78
23	Qz	230	5x5	I	P		
24	Qz	233	5x5	I	P		
25	Qz	216	5x10	I	P		
26	Qz	225	5x10	I	P	-4.5	7.97
27	Qz	188	15x25	I	S		
28	Qz	193	5x10	I	P	-2.4	4.25
29	Qz	231	5x5	I	P		
30	Qz	224	5x10	I	P		

Homogeni: temperature(°C)	
Max.	254
Min.	188
Av.	218.4
NaCl (wt%)	
Max.	43.67
Min.	1.78
Av.	11.73

Sample: MDDH-3 139.75m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	186	5x5	I	P		
2	Qz	234	5x5	I	P		
3	Qz	245	5x10	I	P		
4	Qz	240	5x10	I	P	-6	10.64
5	Qz	252	10x10	I	P	-1.4	2.48
6	Qz	177	5x10	I	P	-0.8	1.42
7	Qz	193	5x5	I	P		
8	Qz	206	5x5	I	P		
9	Qz	255	5x5	I	P		
10	Qz	247	5x10	I	P	-4.7	8.33
11	Qz	239	5x5	I	P		
12	Qz	224	5x5	I	P		
13	Qz	235	5x5	I	P		
14	Qz	245	5x5	I	P		
15	Qz	251	5x10	I	P	-8.2	14.61
16	Qz	254	10x10	I	P		
17	Qz	236	5x5	I	P		
18	Qz	183	5x5	I	P		
19	Qz	223	5x5	I	P		
20	Qz	234	5x10	I	P	-2.5	4.43
21	Qz	221	5x5	I	P		
22	Qz	251	5x10	I	P		
23	Qz	224	5x5	I	P		
24	Qz	238	5x10	I	P	-3.6	6.38
25	Qz	182	5x10	I	P		
26	Qz	245	5x10	I	P	-1.5	2.66
27	Qz	246	10x10	I	P	-5.8	10.28
28	Qz	199	5x10	I	P	-2.6	4.61
29	Qz	237	5x5	I	P		
30	Qz	216	5x5	I	P		

Homogenized temperature(°C)	
Max.	255
Min.	177
Av.	227.3
NaCl (wt%)	
Max.	14.61
Min.	1.42
Av.	6.58

Mineral; Qz=quartz Size; wide(μm)×length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (4)

Sample; MDDH-3 140.3m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	235	5x5	I	P		
2	Qz	247	5x10	I	P	-2.4	4.25
3	Qz	252	5x10	I	P	-4	7.08
4	Qz	185	5x5	I	P		
5	Qz	177	3x5	I	P		
6	Qz	215	5x5	I	P		
7	Qz	236	5x10	I	P	-0.6	1.07
8	Qz	244	5x5	I	P		
9	Qz	240	5x10	I	P	-1.7	3.02
10	Qz	240	5x5	I	P		
11	Qz	222	5x5	I	P		
12	Qz	238	3x5	I	P		
13	Qz	241	3x5	I	P		
14	Qz	278	5x10	I	P	-0.9	1.6
15	Qz	195	5x5	I	P		
16	Qz	184	10x15	I	P	-2.6	4.61
17	Qz	233	5x5	I	P		
18	Qz	183	3x5	I	P		
19	Qz	237	5x10	I	P	-1.1	1.95
20	Qz	234	5x5	I	P		
21	Qz	241	5x10	I	P	-2.2	3.9
22	Qz	266	3x5	I	P		
23	Qz	213	3x3	I	P		
24	Qz	237	5x5	I	P		
25	Qz	246	5x10	I	P	-8.3	14.79
26	Qz	240	5x5	I	P		
27	Qz	208	5x5	I	P		
28	Qz	243	5x5	I	P		
29	Qz	233	3x5	I	P		
30	Qz	248	5x10	I	P	-0.9	1.6

	Homogenized temperature(°C)
Max.	278
Min.	177
Av.	229.7
	NaCl (wt%)
Max.	14.79
Min.	1.07
Av.	4.39

Sample; MDDH-3 149.15m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	235	5x10	I	P		
2	Qz	242	5x10	I	P	-2.3	4.08
3	Qz	216	10x10	I	P	-1.7	3.02
4	Qz	255	5x5	I	P		
5	Qz	246	5x5	I	P		
6	Qz	263	5x10	I	P	-8.6	15.34
7	Qz	234	5x5	I	P		
8	Qz	226	5x10	I	P		
9	Qz	237	5x10	I	P	-2.5	4.43
10	Qz	249	5x10	I	P	-2.8	4.96
11	Qz	256	5x5	I	P		
12	Qz	260	5x5	I	P		
13	Qz	260	5x5	I	P		
14	Qz	244	5x10	I	P		
15	Qz	255	5x10	I	P	-4.5	7.97
16	Qz	261	5x5	I	P		
17	Qz	243	5x10	I	P	-2.2	3.9
18	Qz	238	5x5	I	P		
19	Qz	247	5x15	I	P		
20	Qz	236	5x5	I	P	-0.6	1.07
21	Qz	245	5x5	I	P		
22	Qz	255	5x5	I	P		
23	Qz	260	5x10	I	P		
24	Qz	237	5x10	I	P		
25	Qz	248	5x10	I	P		
26	Qz	252	5x10	I	P	-2.7	4.78
27	Qz	260	5x5	I	P		
28	Qz	226	5x10	I	P	-2.1	3.72
29	Qz	254	5x5	I	P		
30	Qz	250	5x10	I	P		

	Homogenized temperature(°C)
Max.	263
Min.	216
Av.	246.3
	NaCl (wt%)
Max.	15.34
Min.	1.07
Av.	5.33

Mineral; Qz=quartz Size; wide(μm)×length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (5)

Sample; MDDH-4 143.05m

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	195	5x5	I	P		
2	Qz	206	5x5	I	P		
3	Qz	233	5x5	I	P		
4	Qz	257	5x10	I	P	-6.6	11.72
5	Qz	248	5x10	I	P	-8.6	15.34
6	Qz	250	5x5	I	P		
7	Qz	266	5x5	I	P		
8	Qz	251	5x10	I	P	-4.5	7.97
9	Qz	244	10x15	I	P	-2	3.55
10	Qz	253	5x5	I	P		
11	Qz	237	5x5	I	P		
12	Qz	199	5x10	I	P	-5.7	10.11
13	Qz	185	5x5	I	P		
14	Qz	248	5x5	I	P		
15	Qz	234	5x10	I	P		
16	Qz	177	5x10	I	P		
17	Qz	247	5x10	I	P	-8.9	15.88
18	Qz	254	5x5	I	P		
19	Qz	245	10x15	I	P	-4.4	7.79
20	Qz	240	5x5	I	P		
21	Qz	246	5x5	I	P		
22	Qz	250	5x10	I	P	-7.4	13.16
23	Qz	252	5x5	I	P		
24	Qz	225	5x10	I	P	-6.9	12.25
25	Qz	241	5x10	I	P		
26	Qz	244	5x5	I	P		
27	Qz	282	5x5	I	P		
28	Qz	231	10x15	I	P	-2.5	4.43
29	Qz	215	5x5	I	P		
30	Qz	246	5x5	I	P		

	Homogenized temperature(°C)
Max.	282
Min.	177
Av.	236.7
	NaCl (wt%)
Max.	15.88
Min.	3.55
Av.	10.22

Mineral; Qz=quartz Size; wide(μm) × length(μm) Position; I=inner or older Phase; P=primary, S=secondary

Results of fluid inclusion homogenization temperature (6)

Sample; Molila sample No.1

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	155	5x10	I	S	-3.4	6.02
2	Qz	186	5x5	I	P	-0.5	0.89
3	Qz	137	5x5	I	S		
4	Qz	177	5x5	I	P		
5	Qz	193	5x5	I	P	-1.3	2.31
6	Qz	200	5x5	I	P		
7	Qz	168	3x3	I	P		
8	Qz	175	5x5	I	P		
9	Qz	180	3x5	I	P		
10	Qz	172	5x10	I	P	-2	3.55
11	Qz	176	5x5	I	P	-1.1	1.95
12	Qz	199	3x5	I	P		
13	Qz	185	3x3	I	P		
14	Qz	168	5x5	I	P		
15	Qz	172	5x5	I	P		
16	Qz	170	5x5	I	P	-2.6	4.61
17	Qz	164	5x5	I	P		
18	Qz	167	5x10	I	S	0	
19	Qz	173	3x3	I	P		
20	Qz	173	5x5	I	P		
21	Qz	180	5x10	I	P	-0.3	0.53
22	Qz	181	5x5	I	P	-1.7	3.02
23	Qz	177	5x5	I	P		
24	Qz	182	3x5	I	P		
25	Qz	186	5x10	I	P		
26	Qz	194	3x5	I	P	-0.6	1.07
27	Qz	176	3x3	I	P		
28	Qz	180	3x5	I	P		
29	Qz	141	5x5	I	S		
30	Qz	152	5x10	I	P		

	Homogenized temperature(°C)
Max.	200
Min.	137
Av.	174.6
	NaCl (wt%)
Max.	6.02
Min.	0.53
Av.	2.66

Sample; Molila sample No.2

No.	Mineral	Homogenized temperature(°C)	Size	Position	Phase	Freezing point	NaCl (wt%)
1	Qz	167	5x5	I	P		
2	Qz	179	3x3	I	P		
3	Qz	155	3x5	I	S		
4	Qz	170	3x3	I	P		
5	Qz	136	5x5	I	P		
6	Qz	202	3x3	I	P		
7	Qz	177	3x5	I	P		
8	Qz	183	5x5	I	P		
9	Qz	167	3x3	I	P		
10	Qz	170	5x5	I	P		
11	Qz	172	3x5	I	P		
12	Qz	184	3x5	I	P		
13	Qz	170	3x5	I	S		
14	Qz	160	3x3	I	P		
15	Qz	161	3x3	I	P		
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	Homogenized temperature(°C)
Max.	202
Min.	136
Av.	170.2
	NaCl (wt%)
Max.	-
Min.	-
Av.	-

Mineral; Qz=quartz Size; wide(μm)×length(μm) Position; I=inner or older Phase; P=primary, S=secondary

