APPENDICES

Appendix 1 Microscopic observation of rock thin section

Sample No.		Rock name	Area name	Texture	Igneous rocks, Metamorphic rock																									Sedimentary rock, Pyroclastics																		Secondary mineral														Remarks
					Phenocryst, Main component													Groundmass, Accesary mineral												Fragments												Matrix																				
					Qz	Pl	Kf	Ol	Op	Cp	Ho	Bi	Ms	To	Ch	Ep	Oq	Qz	Pl	Kf	Ol	Op	Cp	Gl	Gt	Sp	Zr	Ap	Op	Qz	Pl	Kf	Bi	Ms	Ho	Cp	Op	Cb	Oq	Pm	RF	Qz	Pl	Sc	Gl	Cg	Sm	Qz	Sc	Dp	Tm	Sm	Ch	Cb	Se	Ka	Gt	Lm	Hm	Pr	Ep	
1	ACR-004	porphyritic andesite	Chiang Khong	intersertal,porphyritic		◎													◎					△					○																						◎	△	◎	△							strong altered
2	ACR-010	andesitic welded tuff	Chiang Khong	eutaxitic																											◎					○					△		△	◎								○	△						◎			
3	ACR-021	olivine basalt	Chiang Khong	intergranular		◎		△											◎		○	△	○						○																							△	·									
4	ACR-022	bio-hb granite	Chiang Khong	granitic	◎	◎	○				△	○															·	·	△																								△		△		·					weak altered
5	BCR-008	andesitic tuff	Chinag Khong																												◎					·								○				·	○				○		△		·	△			·	chl-lim veinlet
6	SCR-012	andsitic welded tuff	Chinag Khong	eutaxitic																											○					○	△		△	·	△			○								·	○		○						·	
7	BCR-015	pyroxene andesite	Chinag Khong	intersaetal,decussate		◎				○									△			·	·						○																						○		○		△						△	thermal metamorphic
8	BCR-018	dacite	Chinag Khong	sphelritic		◎			△	△							·		△										○												·											·	○		△						·	
9	CCP-005	pyroxene andesite	Chinag Khong	intersertal		◎			△	△							·		◎			·	·	?					·																							·	◎		·						·	
10	CCR-010	andesitic tuff	Chinag Khong																												△									◎			·		○			○				○	○	◎		·						qz-chl-carb vein
11	CCR-012	pyroxene andesite	Chinag Khong	glomeroporphyritic		◎			△	○							△		·																														○			·	○		△						△	devitrification
12	DCR-008	pyroxene andesite	Chinag Khong	fluidal		◎			·	△									△					◎																	△												◎		△						·	
13	DCR-012	olivine basalt	Chinag Khong	intergranular		◎		△											◎		○	△	○						○																							·	△									
14	DCR-014	arkose sandstone	Chinag Khong																										◎	○	○	○																			·	·								·	
15	ECR-014	andesitic tuff	Chinag Khong																												◎									△					○	·						·	○	○	·	△					·	
16	FCR-006	bi-hb granite	Chinag Khong	granitic	◎	◎	◎				△	○														·	·	·	○																							△		△		·				·	
17	FCR-007	pyroxene andesite	Chinag Khong	hyalopilitic		◎				○									○					○					○																			△	○				○		·							devitrified,silicified
18	GCR-001	andesite	Chinag Khong	intersertal		◎													○										○																			△					△	◎								
19	GCR-003	bi-hb granite	Chinag Khong	granitic,graphic	◎	◎	△				△	○															·	·	○																							△		△		·					
20	ADR-008	meta-volcanics	Doi Chong		·	◎											◎																																	○			○	◎								skarnized
21	ADR-011	blastomylonite	Doi Chong	blastporphyritic	◎	○					?		○																																			◎			○		○	○								partly thermal effected
22	ADR-012	bio-mus granite	Doi Chong	granitic	○	◎	△					○	△														·	·	·																							△		△							secondary muscovite, myrmekite
23	BDR-001	granite porphyry	Doi Chong	porphyritic	○	○	○					·	○					○	○	△																																	◎	△	△	·		△				
24	BDR-006	bio-hb-(mus) granite	Doi Chong	granitic	◎	◎	△				·	○	△																																								△	·	△		·					myrmekite-rich
25	CDR-005	calcareous sandstone	Doi Chong	phyllitic																										○	△		○					◎	·		△											·	·									
26	CDR-006	quartz porphyry	Doi Chong	porphyritic	◎	○	△						△																																								·		○		·					decussate?
27	CDR-008	granule conglomerate	Doi Chong	granitic																										○	○		◎	○				◎															○									only granite components
28	DDP-010	leuco-granite	Doi Chong	granitic	◎	◎	○						·																																								·	△		·					decussate?
29	DDR-017	granite porphyry	Doi Chong	porphyritic	○	○	△											○	○																																		△								·	
30	EDR-009	epidete amphibolite	Doi Chong	nematoblastic	△	○					◎				△	△	·									·			·																								△	○					○			
31	EDR-010	dioritic mylonite	Doi Chong	mylonitic		○				○	○																																					△				△	○		○					△		
32	FDR-001	mus-bio granite	Doi Chong	granitic	◎	◎	◎					·	△																·	·																							·	·	·						·	
33	HDR-001	andesite	Doi Chong	intersertal,phyllitic		○													○					△																													○	◎							○	
34	HDR-004	bio-hb granite	Doi Chong	granitic	◎	◎	○				△	·																	·																							△		△						·	
35	HDR-006	granite mylonite	Doi Chong	mylonitic	○	○	△																																									△					○		○							
36	JDP-002	bio granite	Doi Chong	granitic	◎	○						△															·		·																							△	△	△							
37	KDR-003	bio-mus granite	Doi Chong	granitic	◎	△	◎					△	·														·		·																							·		·							
38	AR-002	bio-mus granite	Ratchaburi	granitic	◎	△	◎					△	·																																								·		·	·						
39	BR-004	bio-mus granite	Ratchaburi	granitic	◎	△	◎					△	·													·	·	·	·																						·	·		·	·						
40	BR-007	Mus-bio granite	Ratchaburi	granitic	◎	○	○					·	△	·													·	·																								·			·		·					
41	BR-010	granite porphyry	Ratchaburi	porphyritic	◎	△	○					△	·					○								·	△	△	·																								·		·		·					
42	BR-011	bio granite	Ratchaburi	granitic	◎	○	△					△															·	·	△																						·	·		·		·					
43	CR-001	arkose sandstone	Ratchaburi	phyllitic																										○	○	○						○						○			○															weak phyllitic
44	DR-002	tour-mus granite	Ratchaburi	granitic	◎	◎	○						△	△													·	·	·																									·		·					
45	DR-003	mus-tour granite	Ratchaburi	granitic	◎	◎	◎						△	·													·	·	·																									·	·	·					patly cataclastic
46	DR-005	bio-mus granite	Ratchaburi	granitic	◎	△	◎					△	·											·		·	·	·																							·		·		·					
47	EP-002	muscovite schist	Ratchaburi	schistose	◎	○						△	◎				△																																													porphyroclastic
48	EP-005	bio-mus-tour granite	Ratchaburi	granitic	○	○	◎					△	·	·													·	·	△																							·		·		·					
49	EP-013	bio-mus-tour granite	Ratchaburi	granitic	○	◎	◎					△	△	·												·	△	·	·																								·	△	△	·					
50	TR-031	two-mica schist	Ratchaburi	schistose	○	○						○	○	△			△																																													porphyroclastic
51	TP-002	mus-(tour) granite	Ratchaburi	granitic	◎	◎	○					·	△	·												·	·	·																									·	·							

SYMBOLS: ◎ abundant ○ common △ rare · tiny

Abbreviation. Qz:quartz Pl:plagioclase Kf:potash feldspar Ol:olivine Op:orthopyroxene Cp: clinopyroxene Ho:hornblende Bi:biotite Ms:muscovite To:tourmaline Ch:chlorite Ep:epidpte Oq:opaque mineral Gl:glass Gt:garnet Sp: sphene Zr:zircon Ap:apatite Pm:pumice RF:rock fragment Sc:silica mineral Dp:diopside Tr:tremolite Sm:smectite Cb:carbonate Se:sericite Ka:kaolinite Gt:geothite Lm:limonite Hm:hematite Pr:prehnite

Appendix 2 Microscopic observation of ore polished thin section

(1)

No	Sample No.	Rock Type	Location	Ore Mineral																Gangue Mineral											Remaks
				El	Mo	Cp	Cv	Cc	Bo	Gl	Sp	Pe	Mg	Py	Po	Mc	Il	He	Lm	Ge	Ru	Ch	Mu	Ep	Ab	Pl	Hb	Sh	Qz	Dp	Ze	Bi	Cb	
1	ACR-015	Quartz Vein	Chiang Khong Area															△	◎	◎									◎					Oxidation
2	ACR-017	Quartz Vein	Chiang Khong Area			·								△			△				○		△	○		△		·	◎					
3	ACR-018	Quartz Vein	Chiang Khong Area											△			○				○	△	◎	△					◎		△			
4	ACR-020	Andesite with Pyrite	Chiang Khong Area			·								△	○	·	○				△	△	○			△	△	·	◎	○			△	Skarnization ?
5	BCR-007	Epidote - Quartz Vein	Chiang Khong Area																					○					◎					
6	BCR-010	Quartz Vein	Chiang Khong Area											·						○	△	◎	○						◎					
7	BCR-014	Andesite with Sulfide	Chiang Khong Area			·								○	◎		○				△	○	△			○			◎	○				Skarnization ?
8	BCR-020	Andesite with Sulfide	Chiang Khong Area			△					·			◎		·					○	○	△			◎		·	◎				·	
9	CCR-002	Andesite with Sulfide	Chiang Khong Area															◎	◎	◎		△	·						○					
10	CCR-019	Quartz Vein	Chiang Khong Area																			·							◎					
11	CCR-020	Quartz Vein	Chiang Khong Area			·	·							·	·		△	○			△		○				○		◎					
12	DCR-001	Andesite with Pyrite	Chiang Khong Area											△				○	△			○	○	·		◎			◎					Silicification
13	ECR-023	Quartz Vein	Chiang Khong Area											·				○	◎	◎	△	○	△						◎					
14	ECR-024	Quartz Vein	Chiang Khong Area											·				○	◎	◎	○	△	△						◎					
15	ECR-025	Quartz Vein	Chiang Khong Area											·				·	○	○	·	·	·						◎					
16	ECR-030	Altered Andesite	Chiang Khong Area											◎				△	◎	◎			○						◎					Silicification
17	FCR-004	Andesitic Tuff	Chiang Khong Area															○	△		○		○			◎		·	◎					Silicification
18	HCR-002	Quartz Vein	Chiang Khong Area											·							·								◎					
19	ADR-007	Quartz Vein	Doi Chong Area											◎					○	△	○	○	○			○		·	◎					
20	ADR-010	Diorite with Sulfide	Doi Chong Area		△	·						·		·							○	○	◎			△		·	◎					

<Symbols> ◎ : abundant, ○ : common, △ : small amount, · : rare, ? : uncertain,
El : Electrum, Mo : Molybdenite, Cp : Chalcopyrite, Cv : Covelline, Cc : Chalcocite Bo : Bornite Gl : Galena SP : Sphalerite Pe : Pentlandite Mg : Magnetite Py : Pyrite, Po : Pyrrhotite, Mc : Marcasite,
Il : Ilmenite, He : Hematite, Lm : Limonite, Ge : Goethite, Ru : Rutile, Ch : Chlorite, Mu : Muscovite, Ep : Epidote, Ab : Albite, Pl : Plagioclase, Hb : Hornblende, Sh : Sphane, Qz : Quartz, Dp : Diopside,
Ze : Zeolite Bi : Biotite Cb : Carbonate,

No	Sample No.	Rock Type	Location	Ore Mineral																	Gangue Mineral												Remarks
				El	Mo	Cp	Cv	Cc	Bo	Gl	Sp	Pe	Mg	Py	Po	Mc	Il	He	Lm	Ge	Ru	Ch	Mu	Ep	Ab	Pl	Hb	Sh	Qz	Dp	Ze	Bi	Cb	
21	CDR-003	Quartz Vein	Doi Chong Area		○										·						△	△	○				·	·	◎					
22	DDR-009	Quartz Vein	Doi Chong Area											·					△		△	◎	·					·	◎					
23	DDR-012	Quartz Vein	Doi Chong Area											·					○	○		△							◎					
24	DDR-018	Quartz Vein	Doi Chong Area											·					△			◎	·						◎					
25	EDR-005	Quartz Vein	Doi Chong Area											·				○	◎	△	○	△	○						◎					
26	EDR-006	Quartz Vein	Doi Chong Area											?	?								·						◎					
27	EDR-011	Diorite with Mematite	Doi Chong Area										·					△			○	○	△		△	◎			◎				○	
28	GDR-001	Quartz Vein	Doi Chong Area											·							△	△	○				·	·	◎					
29	AR-001	Quartz Vein	Ratchaburi Area																			?							◎					
30	AR-009	Quartz Vein	Ratchaburi Area											?	?						○		○		△				◎					
31	BR-003	Quartzite	Ratchaburi Area		△	·	·							△		·					△	○	○		△			·	◎					
32	CR-001	Altered Shale	Ratchaburi Area			△	·	·	·					○		·			·		△	△	○					·	◎				○	
33	DR-006	Quartz Vein	Ratchaburi Area											·	·				△	·	·	△						·	◎					
34	DR-008	Quartz Vein	Ratchaburi Area			△				△				○					○		·		○			△			◎					
35	DR-010	Quartz Vein	Ratchaburi Area					·						·	·				△				○						◎					
36	DR-013	Quartz Vein	Ratchaburi Area			·								·	△				◎		△		○						◎					
37	DR-014	Quartz Vein	Ratchaburi Area											·							·	?	○			·		·	◎					
38	DR-018	Quartz Vein	Ratchaburi Area											?					○				○						◎					
39	ER-002	Altered Andesite	Ratchaburi Area	·		·	·							○	?						△	○	○						◎	·		·		Alteration Perfect
40	ER-008	Quartz Vein	Ratchaburi Area	·										·					◎	○		△			?				◎					
41	ER-009	Hornblende Quartz Rock	Ratchaburi Area											·							○	·					◎	△	◎	·				

<Symbols> ◎ : abundant, ○ : common, △ : small amount, · : rare, ? : uncertain,
El : Electrum, Mo : Molybdenite, Cp : Chalcopyrite, Cv : Covelline, Cc : Chalcocite Bo : Bornite Gl : Galena SP : Sphalerite Pe : Pentlandite Mg : Magnetite Py : Pyrite, Po : Pyrrhotite, Mc : Marcasite,
Il : Ilmenite, He : Hematite, Lm : Limonite, Ge : Goethite, Ru : Rutile, Ch : Chlorite, Mu : Muscovite, Ep : Epidote, Ab : Albite, Pl : Plagioclase, Hb : Hornblende, Sh : Sphane, Qz : Quartz, Dp : Diopside,
Ze : Zeolite Bi : Biotite Cb : Carbonate,

Appendix 3 Results of X-ray diffraction

	Area Name	Sample No.	Qz	Pl	Kf	Px	Amp	Chl	Ep	Mus	Mon	M/I	Ce	Kao	Gyp	Ha	Py	Hem	Goe
1	Chiang Khong	ACR-009	○		?					?			○						
2		BCR-007	○						◎										
3		BCR-016	○					◎		△									
4		CCR-017	○	?				△		△				△					
5		DCR-010	○					△		○	△				?				?
6		ECR-003	○							○									
7		ECR-022	○	?						△				◎					
8		ECR-026	○									○				○			
9		ECR-028	○	·								△				○			
10		ECR-029	○					·		·									
11		ECR-030	○					·		?	·								
12	Doi Chong	BDR-003	○		?			◎		◎									
13		CDR-003	◎					·											
14		CDR-004	◎							·									
15		CDR-007	△	△		○						·		○					△
16		EDR-014	○					?		?									
17		GDR-001	◎					·		·									
18	Ratchaburi	AR-003	○	◎	○		?			○									
19		AR-005	○	○	○			?		○									
20		AR-006	◎							◎							?		
21		AR-009	◎							○									
22		BR-014	○					?		○								·	
23		CR-003	◎																
24		ER-017	◎							△									
25		ER-027	○	○	○		?	?		◎									

Abbreviations

Qz:quartz
Pl:plagioclase
Kf:potash feldspar
Px:pyroxene
Amp:amphibole
Chl:chlorite
Ep:epidote
Mus:muscovite (sericite)
Mon:montmorillonoite
M/I:mica illite mixed layer
Ce:celadonite
Kao:kaolinite
Gyp:gypsum
Ha:halloysite
Py:pyrite
Hem:hematite
Geo:geothite

SYMBOLS

◎ : Abundant ○ : Common △ : Rare · : Tiny ? : Uncertain

Appendix 4 Chemical data of stream sediments in Chiang Khong area (1)

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
1	ACS-001	6	<0.2	15	22	38	290	4	6.56	<0.01	10	<2	1300
2	ACS-002	<1	<0.2	12	20	38	50	4	9.96	<0.01	20	<2	850
3	ACS-003	<1	<0.2	21	26	36	100	16	9.35	<0.01	10	32	1920
4	ACS-004	<1	<0.2	14	22	24	250	10	6.09	<0.01	<10	12	895
5	ACS-005	<1	<0.2	8	38	32	12100	2	2.59	<0.01	<10	2	385
6	ACS-006	321	<0.2	24	16	34	50	10	8.13	<0.01	10	2	625
7	ACS-007	55	<0.2	10	24	28	10	16	4.06	<0.01	<10	2	940
8	ACS-008	3	<0.2	23	22	36	10	8	7.76	<0.01	10	2	875
9	ACS-009	<1	<0.2	27	18	44	30	4	6.75	<0.01	10	<2	1225
10	ACS-010	8	<0.2	20	18	34	60	48	4.33	<0.01	10	6	1905
11	ACS-011	<1	<0.2	1	26	16	10	<2	3.83	<0.01	<10	12	160
12	ACS-012	<1	<0.2	6	24	26	40	6	4.41	<0.01	10	2	530
13	ACS-013	2	<0.2	8	18	40	100	48	4.42	0.02	<10	2	715
14	ACS-014	4	<0.2	8	20	42	40	36	3.28	0.01	<10	2	655
15	ACS-015	1	<0.2	6	18	42	60	18	2.63	0.01	<10	2	245
16	ACS-016	4	<0.2	12	22	54	50	24	3.21	0.01	<10	2	280
17	ACS-017	<1	<0.2	4	20	22	30	2	2.53	<0.01	<10	2	210
18	ACS-018	<1	<0.2	3	12	10	20	2	1.49	<0.01	<10	<2	170
19	ACS-019	<1	<0.2	4	14	14	10	4	1.73	<0.01	<10	<2	200
20	ACS-020	<1	<0.2	14	18	46	40	<2	5.60	0.01	10	2	585
21	ACS-021	<1	<0.2	5	12	18	20	<2	1.37	<0.01	<10	<2	210
22	ACS-022	<1	<0.2	5	16	20	20	<2	1.43	<0.01	<10	<2	195
23	ACS-023	<1	<0.2	8	26	42	20	2	5.61	<0.01	10	<2	390
24	ACS-024	1	<0.2	6	22	24	30	<2	5.09	0.01	10	2	225
25	ACS-025	<1	<0.2	6	36	36	20	<2	8.28	<0.01	10	<2	615
26	ACS-026	<1	<0.2	19	20	62	30	8	4.96	<0.01	10	2	470
27	ACS-027	<1	<0.2	4	26	44	20	2	5.99	<0.01	10	<2	515
28	ACS-028	<1	<0.2	12	32	28	20	2	5.65	0.01	10	<2	470
29	ACS-029	<1	<0.2	11	18	50	60	<2	4.43	0.01	<10	<2	1000
30	ACS-030	<1	<0.2	11	22	24	20	2	3.64	0.01	<10	<2	260
31	ACS-031	<1	<0.2	17	32	46	50	2	6.54	<0.01	10	<2	770
32	ACS-032	<1	<0.2	16	22	32	30	2	5.37	<0.01	10	<2	580
33	ACS-033	<1	<0.2	102	18	76	60	<2	7.36	<0.01	10	<2	1200
34	ACS-034	<1	<0.2	29	18	54	80	2	4.87	0.01	10	2	520
35	ACS-035	<1	<0.2	17	12	36	20	12	3.87	<0.01	10	<2	420
36	ACS-036	<1	<0.2	30	20	66	60	<2	7.88	<0.01	10	<2	600
37	ACS-037	4	<0.2	16	20	46	50	<2	6.08	<0.01	10	<2	735
38	ACS-038	<1	<0.2	8	28	32	20	2	5.36	0.01	10	<2	1085
39	ACS-039	<1	<0.2	10	30	28	2150	<2	4.89	0.01	10	<2	450
40	ACS-040	<1	<0.2	6	22	28	10	<2	4.46	<0.01	<10	<2	685
41	ACS-041	<1	<0.2	6	28	24	60	2	3.04	<0.01	<10	<2	525
42	ACS-042	<1	<0.2	22	22	64	50	<2	6.74	<0.01	10	<2	935
43	ACS-043	1	<0.2	22	22	62	30	2	5.50	<0.01	10	<2	1145
44	ACS-044	<1	<0.2	8	26	42	20	4	5.28	<0.01	10	<2	1245
45	ACS-045	<1	<0.2	13	26	56	30	6	5.86	<0.01	10	<2	1340
46	ACS-046	<1	<0.2	7	20	32	10	<2	4.97	<0.01	<10	<2	585
47	ACS-047	<1	<0.2	7	28	48	30	8	7.10	<0.01	10	<2	795
48	ACS-048	<1	<0.2	7	34	48	20	6	7.44	<0.01	10	<2	1065
49	ACS-049	<1	<0.2	2	8	<2	10	<2	0.88	<0.01	<10	<2	50
50	ACS-050	<1	<0.2	2	4	<2	10	<2	0.66	<0.01	<10	<2	40
51	ACS-051	<1	<0.2	7	12	10	20	<2	2.05	<0.01	<10	<2	270
52	ACS-052	<1	<0.2	9	14	30	10	<2	3.09	0.01	<10	<2	465
53	ACS-053	<1	<0.2	22	12	24	40	4	2.52	0.01	<10	<2	440
54	ACS-054	<1	<0.2	5	16	26	20	2	2.70	<0.01	<10	<2	350
55	ACS-055	<1	<0.2	1	6	2	10	<2	0.81	<0.01	<10	<2	290
56	ACS-056	<1	<0.2	<1	4	<2	10	<2	0.74	<0.01	<10	<2	210
57	ACS-057	<1	<0.2	<1	4	<2	10	<2	0.58	<0.01	<10	<2	115
58	ACS-058	<1	<0.2	1	6	4	10	2	0.72	<0.01	<10	<2	190
59	ACS-059	<1	<0.2	5	14	16	<10	2	1.31	0.01	<10	<2	265
60	ACS-060	26	<0.2	1	16	8	10	12	1.04	<0.01	<10	<2	145
61	ACS-061	<1	<0.2	7	18	28	20	20	3.11	<0.01	<10	<2	775
62	ACS-062	<1	<0.2	1	6	2	10	2	0.46	<0.01	<10	<2	175
63	ACS-063	<1	<0.2	2	12	16	<10	10	1.43	<0.01	<10	<2	185
64	ACS-064	<1	<0.2	13	24	42	10	14	3.98	0.01	<10	2	890
65	ACS-065	1	<0.2	11	8	20	10	2	2.70	<0.01	<10	<2	595
66	ACS-066	<1	<0.2	13	10	24	10	10	4.08	0.01	10	<2	850
67	ACS-067	<1	<0.2	7	6	10	20	10	1.86	<0.01	<10	<2	355
68	ACS-068	<1	<0.2	3	8	10	10	<2	1.22	<0.01	<10	<2	345
69	ACS-069	<1	<0.2	11	10	20	10	14	2.69	<0.01	<10	<2	510
70	ACS-070	<1	<0.2	10	8	24	<10	2	2.62	0.01	<10	<2	425
71	ACS-071	<1	<0.2	8	6	22	<10	<2	2.12	0.01	<10	<2	305
72	ACS-072	<1	<0.2	5	4	8	<10	<2	1.29	0.01	<10	<2	115
73	ACS-073	<1	<0.2	<1	14	2	10	<2	1.39	<0.01	<10	<2	385
74	ACS-074	<1	<0.2	7	26	24	10	8	2.80	<0.01	<10	<2	745
75	ACS-075	3	<0.2	4	4	12	10	2	1.61	<0.01	<10	<2	260
76	ACS-076	<1	<0.2	4	54	58	20	6	2.07	0.01	<10	<2	220
77	ACS-077	<1	<0.2	5	52	56	<10	<2	1.93	<0.01	<10	<2	440
78	ACS-078	<1	<0.2	3	16	16	10	2	2.03	<0.01	<10	<2	490
79	ACS-079	1	<0.2	3	16	20	10	2	2.74	0.01	<10	<2	625
80	ACS-080	<1	<0.2	4	12	22	10	<2	2.55	0.01	<10	<2	785
81	ACS-081	<1	<0.2	7	14	22	20	4	1.89	0.01	<10	<2	760
82	ACS-082	1	<0.2	3	18	22	10	6	2.97	0.01	<10	<2	1340
83	ACS-083	16	<0.2	1	8	6	<10	<2	0.92	<0.01	<10	<2	135
84	BCS-001	<1	<0.2	8	6	22	20	6	2.47	<0.01	<10	<2	140
85	BCS-002	<1	<0.2	13	8	36	10	8	3.61	<0.01	<10	<2	470
86	BCS-003	<1	<0.2	8	10	30	<10	2	2.26	<0.01	<10	<2	505
87	BCS-004	<1	<0.2	8	14	20	10	6	1.89	0.01	<10	<2	455
88	BCS-005	<1	<0.2	11	10	40	<10	2	2.86	<0.01	<10	<2	555
89	BCS-006	<1	<0.2	11	12	32	<10	4	2.46	<0.01	<10	<2	445
90	BCS-007	<1	<0.2	8	8	32	10	2	2.27	<0.01	<10	<2	455
91	BCS-008	<1	<0.2	10	10	44	30	<2	3.11	<0.01	<10	<2	600
92	BCS-009	<1	<0.2	16	12	36	10	6	3.53	<0.01	<10	<2	385
93	BCS-010	2	<0.2	12	14	54	<10	2	3.60	<0.01	<10	<2	825
94	BCS-011	2	<0.2	11	16	56	20	2	8.40	0.01	10	4	945
95	BCS-012	2	<0.2	13	22	58	40	<2	7.24	0.02	<10	2	1070
96	BCS-013	<1	<0.2	12	22	48	10	4	6.73	<0.01	<10	2	445
97	BCS-014	173	<0.2	7	16	30	30	2	3.84	0.01	<10	2	390
98	BCS-015	35	<0.2	9	18	38	30	2	4.39	0.01	<10	4	290
99	BCS-016	4	<0.2	11	18	46	70	6	4.91	0.02	<10	6	410
100	BCS-017	78	<0.2	9	16	54	30	6	3.96	0.02	<10	4	370

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
101	BCS-018	1	<0.2	10	16	38	30	<2	4.92	<0.01	<10	<2	570
102	BCS-019	<1	<0.2	9	16	38	30	<2	4.35	<0.01	<10	2	480
103	BCS-020	<1	<0.2	12	18	48	50	2	4.36	<0.01	<10	2	935
104	BCS-021	<1	<0.2	16	20	58	50	4	6.73	0.01	<10	<2	395
105	BCS-022	<1	<0.2	6	14	24	20	4	3.47	<0.01	<10	2	560
106	BCS-023	<1	<0.2	7	24	46	20	6	4.43	<0.01	<10	<2	1200
107	BCS-024	<1	<0.2	6	20	42	30	6	4.16	<0.01	<10	<2	1195
108	BCS-025	1	<0.2	15	22	36	30	16	6.22	<0.01	10	2	930
109	BCS-026	<1	<0.2	13	32	46	20	8	5.56	<0.01	<10	2	960
110	BCS-027	<1	<0.2	4	24	40	20	4	5.15	<0.01	<10	2	640
111	BCS-028	<1	<0.2	6	20	32	60	16	5.84	0.01	10	2	855
112	BCS-029	2	<0.2	4	20	28	30	8	4.36	<0.01	<10	2	650
113	BCS-030	2	<0.2	7	22	32	50	16	4.57	<0.01	<10	2	585
114	BCS-031	3	<0.2	6	24	44	20	<2	5.14	<0.01	<10	<2	295
115	BCS-032	<1	<0.2	3	20	38	12100	4	3.70	<0.01	<10	2	200
116	BCS-033	750	<0.2	4	20	18	25000	8	2.88	<0.01	<10	2	275
117	BCS-034	7	<0.2	6	22	24	30	12	3.66	<0.01	<10	2	270
118	BCS-035	3	<0.2	6	18	24	10	12	3.31	<0.01	<10	2	910
119	BCS-036	2	<0.2	5	32	54	20	6	7.22	<0.01	10	2	485
120	BCS-037	1	<0.2	4	30	46	20	16	3.62	<0.01	<10	2	1060
121	BCS-038	<1	<0.2	4	34	62	30	10	3.75	<0.01	<10	2	975
122	BCS-039	1	<0.2	6	18	42	30	<2	3.54	<0.01	<10	<2	710
123	BCS-040	2	<0.2	8	20	46	10	2	4.50	<0.01	<10	2	600
124	BCS-041	2	<0.2	4	26	52	50	18	6.20	<0.01	<10	<2	705
125	BCS-042	1	<0.2	3	28	42	20	10	4.23	<0.01	<10	2	1320
126	BCS-043	1	<0.2	9	18	52	40	4	3.85	<0.01	<10	<2	620
127	BCS-044	<1	<0.2	10	18	56	10	8	4.16	<0.01	<10	<2	665
128	BCS-045	<1	<0.2	6	20	52	40	12	6.19	<0.01	<10	<2	880
129	BCS-046	<1	<0.2	12	34	66	60	22	6.81	0.01	<10	2	910
130	BCS-047	<1	<0.2	12	22	54	50	10	6.59	<0.01	<10	<2	880
131	BCS-048	<1	<0.2	12	18	50	10	2	4.67	<0.01	<10	<2	565
132	BCS-049	2	<0.2	10	36	88	30	72	6.37	0.01	<10	4	1060
133	BCS-050	<1	<0.2	16	24	50	10	12	4.52	<0.01	<10	<2	735
134	BCS-051	1	<0.2	27	22	44	10	<2	4.44	<0.01	<10	<2	665
135	BCS-052	<1	<0.2	17	20	50	10	6	4.43	<0.01	<10	<2	1020
136	BCS-053	1	<0.2	16	18	54	10	4	5.22	<0.01	<10	<2	600
137	BCS-054	<1	<0.2	47	24	84	10	10	8.42	<0.01	10	2	1665
138	BCS-055	<1	<0.2	14	16	36	20	2	4.63	<0.01	<10	2	765
139	BCS-056	<1	<0.2	7	20	62	10	2	4.90	<0.01	<10	<2	465
140	BCS-057	<1	<0.2	4	20	42	10	4	3.03	<0.01	<10	<2	305
141	BCS-058	<1	<0.2	13	22	44	10	<2	5.05	<0.01	<10	2	745
142	BCS-059	<1	<0.2	12	18	50	10	2	5.21	<0.01	<10	<2	650
143	BCS-060	<1	<0.2	13	20	56	10	<2	5.88	<0.01	<10	<2	440
144	BCS-061	<1	<0.2	8	18	46	10	<2	4.32	<0.01	<10	<2	575
145	BCS-062	2	<0.2	6	18	28	10	<2	4.47	<0.01	<10	<2	515
146	BCS-063	<1	<0.2	7	18	46	10	<2	4.26	<0.01	<10	<2	530
147	BCS-064	1	<0.2	10	18	46	10	2	5.26	<0.01	<10	<2	1025
148	BCS-065	<1	<0.2	7	18	48	<10	<2	4.61	<0.01	<10	<2	920
149	BCS-066	<1	<0.2	10	22	54	10	<2	5.31	<0.01	<10	<2	975
150	BCS-067	<1	<0.2	6	18	52	30	<2	4.56	<0.01	<10	<2	820
151	BCS-068	<1	<0.2	3	22	40	10	<2	4.33	<0.01	<10	<2	615
152	BCS-069	<1	<0.2	1	22	32	30	4	2.81	<0.01	<10	<2	410
153	BCS-070	<1	<0.2	2	26	28	20	4	3.34	<0.01	<10	<2	340
154	BCS-071	<1	<0.2	4	26	50	10	<2	5.43	<0.01	<10	<2	1110
155	BCS-072	<1	<0.2	7	22	62	20	<2	6.13	<0.01	<10	<2	1245
156	BCS-073	<1	<0.2	6	22	58	10	<2	5.12	<0.01	<10	<2	800
157	BCS-074	<1	<0.2	2	20	28	10	2	2.58	<0.01	<10	<2	325
158	BCS-075	<1	<0.2	1	6	6	10	<2	1.10	<0.01	<10	<2	145
159	BCS-076	<1	<0.2	2	12	12	20	<2	1.72	<0.01	<10	<2	435
160	BCS-077	<1	<0.2	2	14	22	20	<2	3.22	<0.01	<10	<2	430
161	BCS-078	2	<0.2	6	20	42	20	2	4.05	<0.01	<10	<2	665
162	BCS-079	3	<0.2	7	18	32	30	6	4.16	0.01	<10	<2	530
163	BCS-080	<1	<0.2	9	18	28	40	8	3.87	0.01	<10	<2	665
164	BCS-081	5	<0.2	15	14	90	10	4	6.09	<0.01	10	<2	835
165	BCS-082	1	<0.2	4	20	56	30	<2	5.48	<0.01	10	<2	520
166	BCS-083	38	<0.2	6	30	38	30	10	4.42	<0.01	10	<2	1080
167	BCS-084	3	<0.2	9	22	40	30	4	4.51	<0.01	<10	<2	535
168	BCS-085	<1	<0.2	10	22	36	30	4	5.08	<0.01	10	<2	625
169	BCS-086	1	<0.2	6	22	46	20	4	4.10	<0.01	<10	<2	515
170	BCS-087	<1	<0.2	4	42	66	30	4	5.05	0.01	<10	2	1065
171	BCS-088	3	<0.2	4	26	52	10	2	4.10	0.01	10	<2	970
172	BCS-089	1	<0.2	5	26	50	<10	4	4.77	0.01	<10	<2	820
173	BCS-090	3	<0.2	6	28	52	10	14	4.44	<0.01	<10	2	825
174	BCS-091	1	<0.2	5	22	46	10	<2	3.97	0.01	<10	<2	750
175	BCS-092	5	<0.2	4	24	50	20	<2	3.99	<0.01	<10	<2	510
176	BCS-093	<1	<0.2	3	4	2	10	2	0.76	<0.01	<10	<2	85
177	BCS-094	<1	<0.2	3	6	<2	10	2	0.98	<0.01	<10	<2	85
178	BCS-095	<1	<0.2	9	16	32	10	2	1.64	<0.01	<10	<2	270
179	BCS-096	<1	<0.2	6	6	8	<10	2	1.07	<0.01	<10	<2	25
180	CCS-001	10	<0.2	13	14	56	10	2	3.46	<0.01	<10	<2	305
181	CCS-002	3	<0.2	9	12	40	10	6	3.00	<0.01	<10	<2	385
182	CCS-003	2	<0.2	7	12	26	10	<2	2.53	<0.01	<10	<2	490
183	CCS-004	3	<0.2	27	20	54	20	6	3.53	<0.01	<10	<2	925
184	CCS-005	2	<0.2	11	12	36	10	2	2.65	<0.01	<10	<2	710
185	CCS-006	2	<0.2	9	10	30	20	4	2.44	<0.01	<10	<2	450
186	CCS-007	<1	<0.2	16	12	36	40	4	2.40	<0.01	<10	<2	675
187	CCS-008	4	<0.2	22	14	60	50	2	4.97	<0.01	<10	2	710
188	CCS-009	<1	<0.2	6	32	34	20	4	6.72	<0.01	10	2	545
189	CCS-010	2	<0.2	12	18	48	30	4	5.32	<0.01	10	4	480
190	CCS-011	<1	<0.2	19	16	50	50	<2	5.87	<0.01	10	2	690
191	CCS-012	3	<0.2	16	18	38	30	<2	6.94	<0.01	10	2	1355
192	CCS-013	1	<0.2	25	20	52	20	<2	8.85	<0.01	10	2	885
193	CCS-014	4	<0.2	4	12	14	10	2	1.27	<0.01	<10	<2	225
194	CCS-015	2	<0.2	11	18	38	20	<2	4.95	<0.01	<10	4	615
195	CCS-016	1	<0.2	8	18	24	40	2	3.93	<0.01	<10	2	510
196	CCS-017	2	<0.2	5	18	56	90	12	3.42	<0.01	<10	2	965
197	CCS-018	<1	<0.2	7	22	64	170	24	4.65	<0.01	<10	2	1620
198	CCS-019	2	<0.2	7	14	56	150	22	4.37	<0.01	<10	2	1120
199	CCS-020	1	<0.2	18	20	38	50	2	4.54	<0.01	<10	2	835
200	CCS-021	3	<0.2	30	22	56	50	6	6.99	<0.01	20	<2	970

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
201	CCS-022	3	<0.2	16	20	52	40	6	5.72	<0.01	20	2	690
202	CCS-023	<1	<0.2	26	24	58	430	6	5.05	<0.01	10	<2	790
203	CCS-024	2	<0.2	77	28	84	80	<2	6.81	<0.01	20	<2	965
204	CCS-025	1	<0.2	8	24	64	140	12	4.74	<0.01	10	<2	415
205	CCS-026	<1	<0.2	8	22	58	80	8	3.58	<0.01	10	<2	890
206	CCS-027	3	<0.2	9	22	52	110	<2	3.65	<0.01	10	<2	510
207	CCS-028	<1	<0.2	8	22	26	30	<2	2.36	<0.01	<10	<2	620
208	CCS-029	<1	<0.2	10	16	38	10	12	5.76	<0.01	20	<2	1040
209	CCS-030	<1	<0.2	14	16	28	10	6	5.40	<0.01	10	<2	610
210	CCS-031	1	<0.2	14	14	38	10	2	4.54	<0.01	10	<2	1000
211	CCS-032	<1	<0.2	18	28	30	30	4	6.87	<0.01	20	<2	930
212	CCS-033	<1	<0.2	17	16	48	10	2	4.70	<0.01	10	<2	515
213	CCS-034	2	<0.2	36	24	40	30	10	6.40	<0.01	20	<2	1050
214	CCS-035	<1	<0.2	17	18	46	20	2	6.17	<0.01	20	<2	680
215	CCS-036	2	<0.2	17	16	50	20	4	5.10	<0.01	10	<2	310
216	CCS-037	2	<0.2	13	18	22	30	4	3.22	<0.01	10	<2	430
217	CCS-038	2	<0.2	4	14	30	20	6	2.66	<0.01	<10	2	625
218	CCS-039	<1	<0.2	3	20	28	20	4	2.38	<0.01	<10	2	270
219	CCS-040	3	<0.2	3	16	18	30	4	1.58	<0.01	<10	2	185
220	CCS-041	2	<0.2	3	18	20	20	2	1.74	<0.01	<10	<2	125
221	CCS-042	2	<0.2	4	26	30	90	20	2.88	<0.01	10	6	255
222	CCS-043	82	<0.2	9	18	58	30	2	4.62	<0.01	10	<2	755
223	CCS-044	6	<0.2	3	18	48	30	12	2.56	<0.01	<10	<2	490
224	CCS-045	<1	<0.2	11	18	56	30	2	4.52	<0.01	10	<2	670
225	CCS-046	1	<0.2	6	14	68	90	12	4.18	<0.01	10	<2	495
226	CCS-047	<1	<0.2	6	18	68	40	12	4.92	<0.01	10	2	485
227	CCS-048	1	<0.2	1	14	8	10	30	0.98	<0.01	<10	2	130
228	CCS-049	<1	<0.2	3	16	20	10	8	1.88	<0.01	<10	2	260
229	CCS-050	<1	<0.2	4	12	16	<10	4	1.69	<0.01	<10	<2	275
230	CCS-051	<1	<0.2	4	12	12	<10	4	1.45	<0.01	<10	<2	180
231	CCS-052	<1	<0.2	12	22	22	10	2	1.62	<0.01	<10	<2	285
232	CCS-053	<1	<0.2	17	18	28	10	2	1.67	<0.01	<10	<2	240
233	CCS-054	1	<0.2	6	14	22	20	6	1.99	<0.01	<10	<2	315
234	CCS-055	<1	<0.2	6	16	20	<10	4	1.68	<0.01	<10	<2	335
235	CCS-056	<1	<0.2	1	6	4	<10	<2	0.74	<0.01	<10	<2	95
236	CCS-057	<1	<0.2	2	16	28	20	4	2.34	<0.01	<10	<2	355
237	CCS-058	3	<0.2	1	6	6	<10	4	0.72	<0.01	<10	<2	175
238	CCS-059	<1	<0.2	5	8	22	10	4	2.10	<0.01	<10	<2	165
239	CCS-060	<1	<0.2	13	22	34	10	6	3.48	<0.01	10	2	445
240	CCS-061	<1	<0.2	2	2	2	10	<2	0.33	<0.01	<10	<2	15
241	CCS-062	<1	<0.2	8	24	46	30	2	3.61	<0.01	10	<2	270
242	CCS-063	<1	<0.2	11	8	16	30	2	0.84	<0.01	<10	<2	50
243	CCS-064	<1	<0.2	8	28	56	10	6	5.18	<0.01	20	2	470
244	CCS-065	<1	<0.2	9	16	54	30	2	3.72	<0.01	10	<2	995
245	CCS-066	2	<0.2	9	28	64	10	4	6.28	<0.01	20	<2	800
246	CCS-067	<1	<0.2	9	14	50	<10	4	4.19	<0.01	10	<2	1075
247	CCS-068	<1	<0.2	9	26	58	10	4	5.21	<0.01	20	<2	605
248	CCS-069	<1	<0.2	7	26	64	10	<2	5.13	<0.01	10	<2	780
249	CCS-070	<1	<0.2	8	22	50	10	<2	5.08	<0.01	10	<2	630
250	CCS-071	<1	<0.2	3	24	40	<10	4	4.22	<0.01	10	<2	865
251	CCS-072	<1	<0.2	4	26	44	10	2	4.24	<0.01	10	<2	865
252	CCS-073	<1	<0.2	25	28	72	20	<2	11.95	<0.01	40	<2	1600
253	CCS-074	<1	<0.2	17	28	56	20	2	6.59	<0.01	20	<2	1800
254	CCS-075	4	<0.2	6	18	38	10	8	3.37	<0.01	10	<2	785
255	CCS-076	132	<0.2	7	18	38	<10	8	4.13	<0.01	10	<2	370
256	CCS-077	<1	<0.2	16	18	44	60	34	3.44	<0.01	10	<2	535
257	CCS-078	1	<0.2	20	16	56	60	58	3.50	<0.01	10	<2	530
258	CCS-079	<1	<0.2	30	18	66	20	76	4.93	<0.01	10	2	775
259	CCS-080	1	<0.2	28	26	72	10	82	4.99	<0.01	20	2	795
260	CCS-081	<1	<0.2	20	20	64	150	78	3.41	<0.01	10	2	550
261	CCS-082	<1	<0.2	23	20	74	210	86	3.80	<0.01	10	2	600
262	CCS-083	<1	<0.2	11	16	32	10	14	2.15	<0.01	<10	<2	1710
263	CCS-084	<1	<0.2	11	12	42	<10	6	2.77	<0.01	<10	<2	270
264	CCS-085	3	<0.2	12	6	36	<10	6	2.30	<0.01	<10	<2	235
265	CCS-086	2	<0.2	11	10	36	10	4	2.56	<0.01	<10	<2	215
266	CCS-087	20	<0.2	14	12	46	20	6	3.07	<0.01	10	<2	340
267	CCS-088	<1	<0.2	11	12	46	20	4	1.66	<0.01	<10	<2	185
268	CCS-089	5	<0.2	16	12	46	<10	16	3.26	<0.01	10	<2	280
269	CCS-090	1	<0.2	20	12	38	10	6	2.27	<0.01	<10	<2	330
270	CCS-091	1	<0.2	54	40	68	10	16	8.31	<0.01	30	4	760
271	CCS-092	3	<0.2	20	46	92	10	26	3.15	<0.01	10	2	645
272	CCS-093	5	<0.2	15	24	48	10	12	2.36	<0.01	<10	2	370
273	DCS-001	3	<0.2	28	20	64	30	6	7.55	<0.01	30	<2	1020
274	DCS-002	27	<0.2	34	20	70	10	8	6.26	<0.01	20	2	870
275	DCS-003	99	<0.2	20	26	62	20	6	6.59	<0.01	20	<2	965
276	DCS-004	15	<0.2	50	28	82	20	4	7.17	<0.01	20	<2	865
277	DCS-005	19	<0.2	46	20	72	20	8	5.45	<0.01	20	<2	790
278	DCS-006	2	<0.2	59	24	62	10	<2	5.13	<0.01	20	<2	720
279	DCS-007	13	<0.2	61	18	96	40	<2	7.43	<0.01	20	<2	540
280	DCS-008	14	<0.2	11	20	62	40	2	5.49	<0.01	10	<2	800
281	DCS-009	<1	<0.2	13	20	64	60	4	5.16	<0.01	10	<2	790
282	DCS-010	65	<0.2	6	22	44	30	2	4.89	<0.01	10	<2	405
283	DCS-011	1	<0.2	13	20	60	10	14	4.75	<0.01	10	2	530
284	DCS-012	<1	<0.2	10	12	36	10	4	3.18	<0.01	10	<2	155
285	DCS-013	26	<0.2	12	16	42	10	6	3.39	<0.01	10	<2	435
286	DCS-014	14	<0.2	12	16	46	10	8	3.30	<0.01	10	<2	1725
287	DCS-015	5	<0.2	7	20	36	40	6	3.94	<0.01	10	2	735
288	DCS-016	2	<0.2	9	32	38	30	4	4.45	<0.01	10	2	345
289	DCS-017	4	<0.2	20	30	30	10	6	12.30	<0.01	40	12	955
290	DCS-018	<1	<0.2	6	22	62	20	2	4.89	<0.01	10	<2	1190
291	DCS-019	1	<0.2	9	18	58	60	2	4.79	<0.01	10	<2	330
292	DCS-020	3	<0.2	11	20	64	30	<2	5.18	<0.01	10	<2	895
293	DCS-021	207	<0.2	9	18	48	90	2	4.35	<0.01	10	<2	475
294	DCS-022	4	<0.2	9	18	58	130	6	3.79	<0.01	10	2	315
295	DCS-023	<1	<0.2	7	24	40	40	2	5.03	<0.01	10	<2	725
296	DCS-024	<1	<0.2	13	22	74	100	6	4.60	<0.01	10	<2	620
297	DCS-025	<1	<0.2	14	20	80	200	4	4.81	<0.01	10	<2	705
298	DCS-026	1	<0.2	11	18	66	420	<2	4.27	<0.01	10	<2	695
299	DCS-027	<1	<0.2	12	16	66	500	8	4.23	<0.01	10	<2	700
300	DCS-028	<1	<0.2	15	18	70	90	4	4.18	<0.01	10	<2	645

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
301	DCS-029	<1	<0.2	14	16	74	40	<2	4.55	<0.01	10	<2	680
302	DCS-030	<1	<0.2	11	20	64	30	<2	4.80	<0.01	10	<2	680
303	DCS-031	3	<0.2	19	20	94	70	12	5.05	<0.01	10	<2	815
304	DCS-032	8	<0.2	15	42	78	40	4	4.77	<0.01	10	<2	725
305	DCS-033	4	<0.2	9	20	56	20	2	4.64	<0.01	10	<2	535
306	DCS-034	5	<0.2	13	20	60	40	6	4.87	<0.01	10	<2	750
307	DCS-035	3	<0.2	8	22	30	20	<2	3.98	<0.01	10	<2	560
308	DCS-036	<1	<0.2	11	20	60	40	<2	5.33	<0.01	10	<2	1195
309	DCS-037	2	<0.2	10	20	64	20	6	5.74	<0.01	10	<2	1015
310	DCS-038	12	<0.2	10	18	60	50	<2	4.73	<0.01	10	<2	610
311	DCS-039	4	<0.2	23	18	66	20	<2	5.32	<0.01	10	<2	1470
312	DCS-040	1	<0.2	7	24	52	20	4	4.75	<0.01	10	<2	980
313	DCS-041	<1	<0.2	14	20	72	40	2	6.73	<0.01	10	<2	1030
314	DCS-042	<1	<0.2	9	18	60	60	4	4.88	<0.01	10	<2	785
315	DCS-043	<1	<0.2	11	16	62	20	<2	5.14	<0.01	10	<2	760
316	DCS-044	16	<0.2	8	16	44	20	<2	3.21	<0.01	<10	<2	160
317	DCS-045	2	<0.2	9	12	48	10	<2	3.86	<0.01	<10	<2	720
318	DCS-046	2	<0.2	8	16	52	20	2	3.58	<0.01	<10	<2	600
319	DCS-047	<1	<0.2	11	14	40	20	<2	3.52	<0.01	<10	<2	490
320	DCS-048	<1	<0.2	11	16	46	20	4	4.45	<0.01	10	<2	915
321	DCS-049	<1	<0.2	10	16	38	20	<2	4.19	<0.01	10	<2	705
322	DCS-050	<1	<0.2	6	18	46	80	<2	4.50	<0.01	10	<2	820
323	DCS-051	<1	<0.2	3	18	32	10	6	2.76	<0.01	<10	<2	540
324	DCS-052	<1	<0.2	3	26	40	20	6	4.28	<0.01	10	2	790
325	DCS-053	<1	<0.2	4	36	64	30	4	7.03	<0.01	10	2	1100
326	DCS-054	5	<0.2	3	22	24	20	6	2.61	<0.01	<10	2	220
327	DCS-055	3	<0.2	4	34	70	30	8	5.37	<0.01	10	<2	1260
328	DCS-056	<1	<0.2	4	40	80	20	4	5.87	<0.01	10	<2	810
329	DCS-057	2	<0.2	5	34	76	20	4	6.93	<0.01	20	<2	1115
330	DCS-058	1	<0.2	4	32	68	30	8	5.97	<0.01	10	2	1090
331	DCS-059	1	<0.2	4	30	68	20	8	5.48	<0.01	10	2	1085
332	DCS-060	1	<0.2	5	28	74	20	14	5.35	<0.01	10	2	585
333	DCS-061	3	<0.2	4	26	72	50	42	3.92	<0.01	10	<2	850
334	DCS-062	2	<0.2	3	28	54	60	46	3.66	<0.01	10	2	655
335	DCS-063	<1	<0.2	6	24	36	20	26	3.21	<0.01	<10	4	635
336	DCS-064	<1	<0.2	32	22	76	20	16	6.83	<0.01	10	<2	825
337	DCS-065	<1	<0.2	16	16	64	10	4	4.79	<0.01	10	2	560
338	DCS-066	<1	<0.2	15	10	72	10	<2	5.33	<0.01	10	<2	685
339	DCS-067	<1	<0.2	14	12	58	10	<2	4.57	<0.01	10	<2	550
340	DCS-068	<1	<0.2	23	12	60	20	18	4.12	<0.01	<10	2	515
341	DCS-069	2	<0.2	23	12	52	10	12	3.59	<0.01	<10	<2	510
342	DCS-070	2	<0.2	27	16	62	20	22	5.00	<0.01	<10	2	835
343	DCS-071	53	<0.2	8	14	38	10	6	3.58	<0.01	<10	<2	315
344	DCS-072	3	<0.2	21	14	52	10	12	4.17	<0.01	<10	<2	480
345	DCS-073	2	<0.2	8	56	40	30	8	9.52	<0.01	<10	6	760
346	DCS-074	<1	<0.2	3	16	34	10	20	2.58	<0.01	<10	2	465
347	DCS-075	<1	<0.2	8	28	52	10	20	7.83	<0.01	<10	4	790
348	DCS-076	<1	<0.2	6	28	48	10	14	6.40	<0.01	<10	2	430
349	DCS-077	<1	<0.2	7	28	32	10	14	6.73	<0.01	<10	4	735
350	DCS-078	<1	<0.2	6	26	32	10	12	6.15	<0.01	<10	6	750
351	DCS-079	<1	<0.2	8	44	30	10	16	8.70	<0.01	<10	6	860
352	DCS-080	<1	<0.2	6	34	28	20	10	5.38	<0.01	<10	2	600
353	DCS-081	<1	<0.2	5	18	20	10	8	4.54	<0.01	<10	4	440
354	DCS-082	1	<0.2	6	20	36	10	12	2.90	<0.01	<10	2	455
355	DCS-083	<1	<0.2	5	26	46	<10	6	2.85	<0.01	<10	2	295
356	DCS-084	<1	<0.2	7	84	98	20	12	2.87	<0.01	<10	2	670
357	DCS-085	<1	<0.2	5	16	38	<10	8	3.69	<0.01	<10	2	515
358	DCS-086	<1	<0.2	4	16	42	20	16	2.76	<0.01	<10	2	705
359	DCS-087	<1	<0.2	4	14	44	10	4	2.88	<0.01	<10	2	500
360	DCS-088	<1	<0.2	6	20	32	20	6	3.11	<0.01	<10	2	245
361	DCS-089	<1	<0.2	6	14	32	20	12	3.76	<0.01	<10	<2	420
362	DCS-090	<1	<0.2	15	28	32	50	12	5.41	<0.01	<10	2	735
363	DCS-091	1	<0.2	6	26	28	30	18	3.15	<0.01	<10	<2	690
364	DCS-092	822	<0.2	17	10	34	10	12	4.07	<0.01	<10	<2	575
365	DCS-093	<1	<0.2	17	4	34	30	14	4.33	<0.01	<10	<2	440
366	DCS-094	4	<0.2	29	8	58	10	20	7.16	<0.01	<10	2	905
367	DCS-095	<1	<0.2	17	6	32	10	12	4.13	<0.01	<10	2	385
368	DCS-096	3	<0.2	10	<2	24	10	6	2.66	<0.01	<10	2	350
369	DCS-097	<1	<0.2	3	12	18	10	12	0.74	<0.01	<10	<2	275
370	DCS-098	<1	<0.2	10	12	24	10	10	1.95	<0.01	<10	<2	335
371	DCS-099	<1	<0.2	24	6	46	20	10	5.88	<0.01	<10	2	720
372	DCS-100	3	0.2	5	16	18	10	8	1.35	<0.01	<10	2	285
373	DCS-101	<1	<0.2	10	8	22	10	4	2.37	<0.01	<10	<2	265
374	DCS-102	8	<0.2	4	6	16	10	8	1.35	<0.01	<10	<2	75
375	DCS-103	<1	<0.2	4	4	6	<10	10	0.95	<0.01	<10	2	65
376	DCS-104	1	<0.2	16	16	50	<10	22	2.61	<0.01	<10	2	240
377	DCS-105	<1	<0.2	9	6	30	<10	8	1.75	<0.01	<10	2	250
378	DCS-106	<1	<0.2	8	12	26	10	14	1.90	<0.01	<10	2	540
379	DCS-107	<1	<0.2	4	12	16	<10	12	1.54	<0.01	<10	<2	275
380	ECS-001	2	<0.2	29	18	56	50	16	5.71	<0.01	<10	2	1135
381	ECS-002	<1	<0.2	31	20	56	50	14	6.49	<0.01	<10	6	965
382	ECS-003	<1	<0.2	42	16	68	40	12	5.71	<0.01	<10	2	765
383	ECS-004	<1	<0.2	32	16	54	40	16	5.93	<0.01	<10	2	1035
384	ECS-005	<1	<0.2	61	22	72	50	18	6.40	<0.01	<10	2	1140
385	ECS-006	<1	<0.2	36	14	60	80	12	7.64	<0.01	<10	4	620
386	ECS-007	1	<0.2	19	8	52	40	6	4.47	<0.01	<10	2	980
387	ECS-008	1	<0.2	18	18	56	50	6	4.97	<0.01	<10	2	1160
388	ECS-009	<1	<0.2	13	22	62	30	6	5.08	<0.01	<10	4	1770
389	ECS-010	<1	<0.2	24	24	52	30	16	6.05	<0.01	<10	4	855
390	ECS-011	<1	<0.2	22	24	52	30	14	5.51	<0.01	<10	<2	870
391	ECS-012	<1	<0.2	20	12	36	10	20	5.41	<0.01	<10	2	385
392	ECS-013	<1	<0.2	28	16	68	10	24	5.13	<0.01	<10	2	1240
393	ECS-014	<1	<0.2	9	4	20	10	8	1.46	<0.01	<10	2	120
394	ECS-015	<1	<0.2	6	16	18	70	8	1.56	<0.01	<10	<2	545
395	ECS-016	<1	<0.2	6	20	26	50	14	2.38	<0.01	<10	2	675
396	ECS-017	<1	<0.2	7	14	24	6350	2	1.81	<0.01	<10	2	310
397	ECS-018	<1	<0.2	6	16	20	270	<2	1.77	<0.01	<10	2	355
398	ECS-019	<1	<0.2	6	22	16	20	8	2.10	<0.01	<10	2	450
399	ECS-020	<1	<0.2	2	14	8	10	8	1.16	<0.01	<10	2	105
400	ECS-021	<1	<0.2	4	20	18	10	8	2.41	<0.01	<10	<2	410

No.	Sample No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Hg ppb	As ppm	Fe %	S % Total	W ppm	Sb ppm	Mn ppm
	Element	Au	Ag	Cu	Pb	Zn	Hg	As	Fe	S %	W	Sb	Mn
	Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	%	Total	ppm	ppm	ppm
	Detectio limit	1	0.2	1	2	2	10	2	0.01	0.01	10	2	5
401	ECS-022	<1	<0.2	9	18	56	40	6	4.53	<0.01	<10	4	620
402	ECS-023	<1	<0.2	6	22	42	40	12	4.92	<0.01	<10	4	1215
403	ECS-024	<1	<0.2	6	14	54	60	6	3.52	<0.01	<10	2	1730
404	ECS-025	<1	<0.2	9	18	60	30	4	4.43	<0.01	<10	2	755
405	ECS-026	<1	<0.2	8	20	56	40	4	4.55	<0.01	<10	4	815
406	ECS-027	82	<0.2	13	12	70	7600	2	4.19	<0.01	<10	2	600
407	ECS-028	1	<0.2	12	12	56	240	12	3.31	<0.01	<10	2	565
408	ECS-029	<1	<0.2	11	14	68	510	8	3.04	<0.01	<10	2	510
409	ECS-030	<1	<0.2	11	14	50	50	2	3.48	<0.01	<10	2	635
410	ECS-031	<1	<0.2	4	16	24	40	<2	1.48	<0.01	<10	<2	610
411	ECS-032	1	<0.2	4	18	16	50	32	2.15	<0.01	<10	2	1035
412	ECS-033	1	<0.2	6	24	26	10000	14	2.69	<0.01	<10	4	550
413	ECS-034	2	<0.2	6	20	24	40	22	3.34	<0.01	<10	2	325
414	ECS-035	<1	<0.2	6	32	18	40	16	3.88	<0.01	<10	4	490
415	ECS-036	<1	<0.2	4	22	14	20	14	1.94	<0.01	<10	2	340
416	ECS-037	<1	<0.2	6	28	20	20	12	3.21	<0.01	<10	4	425
417	ECS-038	<1	<0.2	4	14	28	50	4	1.85	<0.01	<10	2	150
418	ECS-039	<1	<0.2	7	48	28	1100	8	3.01	<0.01	<10	8	260
419	ECS-040	<1	<0.2	9	14	44	40	12	3.77	<0.01	<10	4	790
420	ECS-041	1	<0.2	18	14	70	50	8	5.61	<0.01	<10	6	610
421	ECS-042	3	<0.2	13	20	72	70	6	4.79	<0.01	<10	4	525
422	ECS-043	2	<0.2	20	8	58	110	<2	6.08	<0.01	<10	4	1010
423	ECS-044	<1	<0.2	21	18	76	50	8	6.23	<0.01	<10	4	575
424	ECS-045	<1	<0.2	22	12	64	70	10	6.53	<0.01	<10	4	720
425	ECS-046	<1	<0.2	39	16	60	70	6	6.29	<0.01	<10	4	245
426	ECS-047	<1	<0.2	39	20	74	30	8	4.41	<0.01	<10	4	170
427	ECS-048	<1	<0.2	14	18	68	60	6	5.09	<0.01	<10	4	755
428	ECS-049	<1	<0.2	11	18	52	80	8	5.10	<0.01	<10	4	890
429	ECS-050	<1	<0.2	10	16	56	70	12	4.98	<0.01	<10	<2	1055
430	ECS-051	<1	<0.2	10	20	68	30	4	5.66	<0.01	<10	2	755
431	ECS-052	<1	<0.2	11	26	62	20	<2	6.95	<0.01	<10	6	520
432	ECS-053	<1	<0.2	10	16	66	30	<2	4.84	<0.01	<10	4	640
433	ECS-054	1	<0.2	10	20	62	20	6	5.50	<0.01	<10	2	730
434	ECS-055	1	<0.2	22	18	82	60	2	5.62	<0.01	<10	2	845
435	ECS-056	<1	<0.2	35	22	82	40	<2	5.66	<0.01	<10	2	1005
436	ECS-057	<1	<0.2	46	24	76	60	12	5.20	<0.01	<10	<2	1015
437	ECS-058	<1	<0.2	11	16	82	90	4	5.49	<0.01	<10	2	765
438	ECS-059	<1	<0.2	15	10	82	10	<2	5.22	<0.01	<10	2	480
439	ECS-060	<1	<0.2	4	26	48	30	20	2.64	<0.01	<10	<2	450
440	ECS-061	<1	<0.2	36	10	38	20	<2	4.61	<0.01	<10	2	215
441	ECS-062	<1	<0.2	12	16	56	20	6	4.07	<0.01	<10	2	805
442	ECS-063	<1	<0.2	8	18	64	40	4	4.63	<0.01	<10	2	2070
443	ECS-064	1	<0.2	6	20	52	50	4	3.32	<0.01	<10	2	810
444	ECS-065	<1	<0.2	21	6	50	60	4	4.67	<0.01	<10	<2	1145
445	ECS-066	1	<0.2	24	20	84	60	16	3.85	<0.01	<10	4	825
446	ECS-067	<1	<0.2	45	6	96	50	<2	9.64	<0.01	<10	4	1660
447	ECS-068	<1	<0.2	20	14	62	40	<2	3.31	<0.01	<10	2	1210
448	ECS-069	<1	<0.2	39	6	88	30	12	7.86	<0.01	<10	6	1140
449	ECS-070	<1	<0.2	36	2	78	30	4	7.14	<0.01	<10	4	1025
450	ECS-071	<1	<0.2	27	2	66	20	18	5.51	<0.01	<10	6	790
451	ECS-072	<1	<0.2	15	12	28	30	<2	2.41	<0.01	<10	<2	170
452	ECS-073	1	<0.2	27	8	66	40	18	5.69	<0.01	<10	4	600
453	ECS-074	<1	<0.2	18	8	28	20	2	1.54	<0.01	<10	2	70
454	ECS-075	<1	<0.2	31	24	72	40	<2	2.30	<0.01	<10	2	325
455	ECS-076	8	<0.2	35	16	48	40	4	2.40	<0.01	<10	2	175
456	ECS-077	2	<0.2	17	8	30	10	<2	2.05	<0.01	<10	2	215
457	ECS-078	<1	<0.2	17	12	22	20	2	0.67	<0.01	<10	<2	20
458	ECS-079	<1	<0.2	13	6	26	10	12	2.20	<0.01	<10	<2	290
459	ECS-080	<1	<0.2	11	8	26	10	4	0.94	<0.01	<10	<2	65
460	ECS-081	<1	<0.2	7	12	16	20	2	1.27	<0.01	<10	<2	240
461	ECS-082	1	<0.2	16	18	26	50	<2	1.66	<0.01	<10	<2	275
462	ECS-083	<1	<0.2	18	12	42	20	4	2.91	<0.01	<10	<2	395
463	ECS-084	<1	<0.2	11	8	26	10	4	1.88	<0.01	<10	<2	265
464	ECS-085	<1	<0.2	15	10	40	10	<2	2.41	<0.01	<10	<2	330
465	ECS-086	<1	<0.2	23	14	48	20	6	2.92	<0.01	<10	<2	535
466	ECS-087	<1	<0.2	22	14	58	10	2	3.37	<0.01	<10	<2	565
467	ECS-088	<1	<0.2	14	12	38	10	2	2.22	<0.01	<10	<2	490
468	ECS-089	<1	<0.2	14	10	36	10	2	2.45	<0.01	<10	<2	310
469	ECS-090	5	<0.2	4	24	20	30	14	3.00	<0.01	<10	2	1965
470	ECS-091	1	0.2	7	34	28	40	16	3.94	<0.01	<10	2	1000
471	ECS-092	<1	<0.2	4	36	28	730	6	5.65	<0.01	<10	2	1130
472	ECS-093	<1	<0.2	5	20	20	30	6	2.63	<0.01	<10	2	455
473	ECS-094	<1	0.2	7	30	28	40	6	3.75	<0.01	<10	<2	650
474	ECS-095	<1	<0.2	6	30	20	210	12	3.66	<0.01	<10	2	390
475	ECS-096	<1	<0.2	12	14	22	20	2	1.75	<0.01	<10	<2	175
476	FCS-001	358	<0.2	17	24	56	10	18	4.44	<0.01	<10	2	360
477	FCS-002	<1	<0.2	3	14	20	70	10	2.45	<0.01	<10	2	530
478	FCS-003	<1	<0.2	12	18	46	40	6	4.30	<0.01	<10	<2	815
479	FCS-004	<1	<0.2	8	16	28	20	8	2.40	<0.01	<10	<2	655
480	FCS-005	<1	<0.2	12	18	48	50	4	4.41	<0.01	<10	<2	620
481	FCS-006	<1	<0.2	13	26	42	40	16	3.95	<0.01	<10	<2	1100
482	FCS-007	<1	<0.2	2	6	4	20	22	0.60	<0.01	<10	<2	170
483	FCS-008	9	<0.2	13	10	48	20	12	4.81	<0.01	<10	2	550
484	FCS-009	<1	<0.2	2	12	12	60	48	1.46	<0.01	<10	2	805
485	FCS-010	6	<0.2	1	12	8	60	222	1.42	<0.01	<10	10	55
486	FCS-011	<1	<0.2	11	14	46	50	4	3.65	<0.01	<10	<2	530
487	FCS-012	186	0.2	14	24	46	70	12	7.38	<0.01	<10	2	1150
488	FCS-013	2	<0.2	4	20	26	50	6	3.26	<0.01	<10	4	630
489	FCS-014	770	1.2	7	16	28	160	<2	3.97	<0.01	<10	<2	1165
490	FCS-015	2	<0.2	7	20	30	50	2	3.15	<0.01	<10	<2	795
491	FCS-016	372	<0.2	14	24	44	50	2	4.63	<0.01	<10	2	980
492	FCS-017	2	<0.2	8	14	46	110	2	3.88	<0.01	<10	4	375
493	FCS-018	4	<0.2	11	14	38	270	<2	5.00	<0.01	<10	2	2200
494	FCS-019	<1	<0.2	16	16	36	10	2	3.34	<0.01	<10	<2	255
495	FCS-020	<1	<0.2	7	12	24	70	6	2.43	<0.01	<10	2	185
496	FCS-021	<1	<0.2	8	16	38	170	2	2.95	<0.01	<10	<2	605
497	FCS-022	<1	<0.2	8	22	64	350	<2	2.68	<0.01	<10	<2	275
498	FCS-023	<1	<0.2	8	20	56	70	2	4.03	<0.01	<10	<2	535
499	FCS-024	2	<0.2	9	66	62	70	<2	3.77	<0.01	<10	<2	700
500	FCS-025	<1	<0.2	8	22	56	90	2	3.37	<0.01	<10	<2	780

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
501	FCS-026	3	0.4	8	18	54	80	2	3.17	<0.01	<10	<2	635
502	FCS-027	<1	<0.2	9	18	50	90	<2	2.73	<0.01	<10	<2	690
503	FCS-028	1	<0.2	7	16	48	60	2	2.93	<0.01	<10	<2	415
504	FCS-029	4	<0.2	4	26	36	50	26	2.05	<0.01	<10	<2	715
505	FCS-030	<1	<0.2	4	22	26	40	48	3.44	<0.01	<10	2	1025
506	FCS-031	2	<0.2	2	18	22	50	18	1.50	<0.01	<10	2	325
507	FCS-032	<1	<0.2	2	18	18	70	38	1.53	<0.01	<10	<2	140
508	FCS-033	<1	<0.2	7	26	38	60	4	4.29	<0.01	<10	<2	370
509	FCS-034	8	<0.2	6	30	40	180	12	2.46	<0.01	<10	2	410
510	FCS-035	<1	<0.2	9	26	46	30	6	4.51	<0.01	<10	<2	685
511	FCS-036	<1	0.2	3	24	40	10	2	3.69	<0.01	<10	<2	760
512	FCS-037	36	0.2	10	20	52	70	16	3.66	<0.01	<10	<2	580
513	FCS-038	<1	<0.2	9	16	60	60	<2	3.57	<0.01	<10	<2	430
514	FCS-039	2	<0.2	19	26	56	30	2	4.83	<0.01	<10	<2	2060
515	FCS-040	<1	<0.2	7	20	40	50	2	3.89	<0.01	<10	<2	740
516	FCS-041	<1	<0.2	22	28	56	40	<2	5.46	<0.01	<10	<2	1340
517	FCS-042	<1	<0.2	17	30	56	40	<2	5.29	<0.01	<10	<2	1535
518	FCS-043	<1	0.2	26	26	56	40	<2	4.96	<0.01	<10	<2	1145
519	FCS-044	1	0.4	18	28	68	30	<2	7.61	<0.01	<10	<2	1070
520	FCS-045	1	<0.2	44	36	66	40	4	5.07	<0.01	<10	<2	670
521	FCS-046	<1	<0.2	1	6	8	10	<2	0.46	<0.01	<10	<2	85
522	FCS-047	2	<0.2	2	14	18	10	<2	1.10	<0.01	<10	<2	245
523	FCS-048	1	<0.2	7	34	28	10	16	1.47	<0.01	<10	<2	115
524	FCS-049	<1	<0.2	8	30	28	10	6	1.95	<0.01	<10	<2	300
525	FCS-050	<1	<0.2	9	68	60	40	42	2.32	<0.01	<10	2	720
526	FCS-051	<1	<0.2	8	78	52	30	22	3.54	<0.01	<10	<2	475
527	FCS-052	<1	<0.2	13	62	52	20	6	2.00	<0.01	<10	<2	880
528	FCS-053	2	<0.2	7	48	36	20	16	1.44	<0.01	<10	<2	205
529	FCS-054	1	<0.2	7	12	26	10	8	1.91	<0.01	<10	<2	120
530	FCS-055	8	0.2	23	16	32	50	<2	4.48	<0.01	<10	<2	800
531	FCS-056	<1	<0.2	14	14	58	10	8	2.55	<0.01	<10	<2	100
532	FCS-057	1	<0.2	16	16	46	40	4	3.58	<0.01	<10	<2	365
533	FCS-058	<1	<0.2	9	16	32	10	4	2.08	<0.01	<10	<2	315
534	FCS-059	1	<0.2	10	10	36	20	2	2.41	<0.01	<10	<2	180
535	FCS-060	4	<0.2	8	28	44	20	6	2.31	<0.01	<10	<2	260
536	FCS-061	<1	<0.2	3	10	14	10	2	1.17	<0.01	<10	<2	505
537	FCS-062	<1	<0.2	<1	6	14	10	<2	0.71	<0.01	<10	<2	210
538	FCS-063	<1	<0.2	9	12	30	10	6	2.19	<0.01	<10	<2	385
539	FCS-064	1	<0.2	8	46	44	20	2	3.36	<0.01	<10	<2	470
540	FCS-065	<1	<0.2	3	78	82	10	2	1.72	<0.01	<10	<2	900
541	FCS-066	<1	<0.2	15	18	34	10	4	2.76	<0.01	<10	<2	125
542	FCS-067	<1	<0.2	10	12	24	20	2	2.00	<0.01	<10	<2	250
543	FCS-068	4	<0.2	10	12	22	10	2	1.52	<0.01	<10	<2	280
544	FCS-069	<1	<0.2	6	8	20	10	<2	1.45	<0.01	<10	<2	40
545	FCS-070	1	<0.2	5	10	22	<10	4	2.04	<0.01	<10	<2	500
546	FCS-071	<1	<0.2	4	4	12	10	<2	1.21	<0.01	<10	<2	190
547	FCS-072	1	<0.2	3	2	8	<10	<2	1.03	<0.01	<10	<2	45
548	FCS-073	2	<0.2	2	18	34	20	<2	1.76	<0.01	<10	<2	335
549	FCS-074	<1	<0.2	3	22	44	30	<2	2.24	<0.01	<10	<2	430
550	FCS-075	<1	<0.2	6	26	52	30	2	2.80	<0.01	<10	<2	580
551	FCS-076	<1	<0.2	4	30	40	30	<2	2.56	<0.01	<10	<2	815
552	FCS-077	<1	<0.2	5	28	60	80	2	2.87	<0.01	<10	<2	575
553	FCS-078	1	<0.2	5	28	70	70	<2	3.85	<0.01	<10	<2	420
554	FCS-079	<1	<0.2	6	8	18	10	<2	1.50	<0.01	<10	<2	200
555	FCS-080	<1	<0.2	5	6	18	150	2	1.42	<0.01	<10	<2	145
556	FCS-081	15	<0.2	4	8	16	10	2	0.86	<0.01	<10	<2	95
557	FCS-082	2	<0.2	3	30	56	50	<2	4.19	<0.01	<10	<2	595
558	FCS-083	<1	<0.2	2	22	54	30	<2	3.48	<0.01	<10	<2	530
559	FCS-084	1	<0.2	2	18	38	40	2	2.70	<0.01	<10	<2	390
560	FCS-085	<1	<0.2	2	22	52	30	<2	3.55	<0.01	<10	2	510
561	FCS-086	<1	<0.2	3	30	60	20	<2	3.96	<0.01	<10	<2	810
562	FCS-087	<1	<0.2	3	32	48	40	<2	3.53	<0.01	<10	<2	820
563	FCS-088	51	<0.2	3	24	62	40	<2	4.29	<0.01	<10	<2	635
564	FCS-089	1	0.2	2	24	60	30	<2	4.82	<0.01	<10	<2	405
565	FCS-090	<1	<0.2	6	16	24	10	4	2.59	<0.01	<10	<2	740
566	GCS-001	<1	<0.2	9	14	44	10	12	3.54	<0.01	<10	<2	945
567	GCS-002	<1	<0.2	14	16	46	10	26	4.14	<0.01	<10	2	2080
568	GCS-003	<1	<0.2	18	14	66	20	8	3.88	<0.01	<10	2	960
569	GCS-004	1	<0.2	8	16	52	20	4	2.74	<0.01	<10	2	760
570	GCS-005	2	<0.2	11	22	48	20	16	3.62	<0.01	<10	2	610
571	GCS-006	2	<0.2	26	6	74	10	10	4.85	<0.01	<10	2	860
572	GCS-007	<1	<0.2	11	20	64	20	16	4.10	<0.01	<10	2	1070
573	GCS-008	966	<0.2	13	14	50	20	22	3.98	<0.01	<10	2	960
574	GCS-009	<1	<0.2	9	12	56	10	8	3.44	<0.01	<10	2	575
575	GCS-010	<1	<0.2	16	12	56	10	30	3.76	<0.01	<10	2	325
576	GCS-011	<1	<0.2	10	6	38	10	12	2.13	<0.01	<10	2	305
577	GCS-012	<1	<0.2	15	12	60	20	12	3.07	<0.01	<10	<2	535
578	GCS-013	<1	<0.2	15	10	46	20	74	2.72	<0.01	<10	2	650
579	GCS-014	<1	<0.2	9	16	42	10	4	3.43	<0.01	<10	4	415
580	GCS-015	<1	<0.2	7	4	18	<10	<2	1.72	<0.01	<10	2	225
581	GCS-016	<1	<0.2	9	10	20	10	4	1.74	<0.01	<10	<2	290
582	GCS-018	<1	<0.2	14	40	68	30	<2	4.33	<0.01	<10	<2	750
583	GCS-019	<1	<0.2	10	26	60	40	10	4.25	<0.01	<10	2	1235
584	GCS-020	<1	<0.2	12	24	64	160	<2	5.44	<0.01	<10	<2	1445
585	GCS-021	<1	<0.2	17	22	78	20	8	7.18	<0.01	<10	<2	2390
586	GCS-022	<1	<0.2	9	22	50	20	2	3.83	<0.01	<10	2	925
587	GCS-023	3	<0.2	28	4	42	10	26	4.15	<0.01	<10	<2	565
588	GCS-024	3	<0.2	29	6	40	10	32	4.07	<0.01	<10	<2	525
589	GCS-025	3	<0.2	30	8	46	10	28	4.50	<0.01	<10	4	530
590	GCS-026	<1	<0.2	11	12	48	<10	16	1.87	<0.01	<10	2	260
591	GCS-027	<1	<0.2	12	2	28	10	<2	2.07	<0.01	<10	<2	190
592	GCS-028	<1	<0.2	22	10	44	<10	22	3.51	<0.01	<10	<2	495
593	GCS-029	1	<0.2	17	12	56	10	34	2.18	<0.01	<10	2	525
594	GCS-030	<1	<0.2	8	4	28	10	12	1.36	<0.01	<10	<2	290
595	GCS-031	<1	<0.2	18	16	54	10	34	1.97	<0.01	<10	<2	270
596	GCS-032	<1	<0.2	11	4	30	10	6	1.92	<0.01	<10	<2	175
597	GCS-033	<1	<0.2	5	8	24	10	6	0.75	<0.01	<10	2	75
598	GCS-034	<1	<0.2	6	4	18	20	12	1.28	<0.01	<10	2	175
599	GCS-035	2	<0.2	17	14	30	10	24	2.07	<0.01	<10	<2	230
600	GCS-036	3	<0.2	11	14	26	10	30	1.44	<0.01	<10	<2	245

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sb ppm 2	Mn ppm 5
601	GCS-037	<1	<0.2	14	10	22	10	22	1.78	<0.01	<10	2	245
602	GCS-038	7	<0.2	38	20	76	20	<2	7.60	<0.01	<10	2	860
603	GCS-039	2	<0.2	37	10	58	20	<2	5.98	<0.01	<10	2	575
604	GCS-040	<1	<0.2	8	14	26	10	14	2.18	<0.01	<10	<2	365
605	GCS-041	<1	<0.2	8	22	38	10	14	3.22	<0.01	<10	2	405
606	HCS-001	<1	<0.2	14	10	28	20	<2	3.10	<0.01	<10	2	135
607	HCS-002	<1	<0.2	15	14	44	20	4	3.24	<0.01	<10	<2	520
608	HCS-003	6	<0.2	18	10	54	20	6	4.35	<0.01	<10	<2	510
609	HCS-004	<1	<0.2	25	10	66	120	8	5.13	<0.01	<10	4	1360
610	HCS-005	<1	<0.2	18	20	48	10	4	4.60	<0.01	<10	2	805
611	HCS-006	<1	<0.2	15	14	48	10	4	4.81	<0.01	<10	2	1010
612	HCS-007	1	<0.2	35	2	50	30	14	7.44	<0.01	<10	<2	1230
613	HCS-008	2	<0.2	35	2	54	10	30	7.32	<0.01	<10	2	1065
614	HCS-009	<1	<0.2	30	6	50	10	14	6.35	<0.01	<10	2	1130
615	HCS-010	1	<0.2	16	8	42	30	8	2.11	<0.01	<10	2	805
616	HCS-011	2	<0.2	17	14	42	20	4	2.32	<0.01	<10	2	645
617	HCS-012	<1	<0.2	31	4	56	20	20	6.29	<0.01	<10	<2	1220
618	HCS-013	<1	<0.2	46	34	80	10	36	5.61	<0.01	<10	2	705
619	HCS-014	<1	<0.2	47	16	70	40	8	8.16	<0.01	<10	4	1405
620	HCS-015	<1	<0.2	2	4	4	10	4	0.73	<0.01	<10	<2	50
621	HCS-016	<1	<0.2	8	22	26	10	12	3.70	<0.01	<10	2	485
622	HCS-017	<1	<0.2	6	12	22	10	6	2.70	<0.01	<10	2	165
623	HCS-018	<1	<0.2	2	2	6	10	2	0.73	<0.01	<10	<2	130
624	HCS-019	3	<0.2	3	6	6	10	4	0.92	<0.01	<10	<2	80
625	HCS-020	<1	<0.2	7	14	16	<10	6	1.55	<0.01	<10	2	335
626	HCS-021	<1	<0.2	7	22	20	10	4	3.14	<0.01	<10	4	625
627	HCS-022	<1	<0.2	2	6	4	10	8	0.90	<0.01	<10	<2	175
628	HCS-023	<1	<0.2	4	8	4	20	8	1.80	<0.01	<10	2	85
629	HCS-024	1	<0.2	7	22	42	20	8	3.25	<0.01	<10	2	600
630	HCS-025	2	<0.2	17	10	64	70	4	6.16	<0.01	<10	4	930
631	HCS-026	7	<0.2	10	16	46	40	<2	4.11	<0.01	<10	4	730
632	HCS-027	4	<0.2	12	18	50	30	6	4.23	<0.01	<10	2	720
633	HCS-028	1	<0.2	15	10	46	30	4	4.75	<0.01	<10	2	1240
634	HCS-029	2	<0.2	15	14	44	30	4	4.21	<0.01	<10	<2	960
635	HCS-030	6	<0.2	7	20	38	40	2	2.43	<0.01	<10	2	565
636	JCS-001	<1	<0.2	7	46	66	30	14	3.24	<0.01	<10	2	640
637	JCS-002	<1	<0.2	8	22	64	20	6	4.29	<0.01	<10	2	605
638	JCS-003	<1	<0.2	6	28	50	30	8	4.45	<0.01	<10	4	935
639	JCS-004	1	<0.2	6	16	54	20	4	2.75	<0.01	<10	<2	615
640	JCS-005	<1	<0.2	6	22	44	20	8	3.04	<0.01	<10	4	850
641	JCS-006	<1	<0.2	8	20	40	10	<2	3.39	<0.01	<10	2	645
642	JCS-007	<1	<0.2	6	18	20	20	10	2.86	<0.01	<10	2	320
643	JCS-008	<1	<0.2	7	18	38	10	4	3.13	<0.01	<10	4	500
644	JCS-009	<1	<0.2	4	12	18	20	12	2.13	<0.01	<10	2	605
645	JCS-010	1	<0.2	8	16	58	20	<2	3.75	<0.01	<10	<2	880
646	JCS-011	<1	<0.2	9	30	26	10	<2	4.18	<0.01	<10	6	310
647	JCS-012	<1	<0.2	7	18	50	30	2	3.71	<0.01	<10	<2	755
648	JCS-013	2	<0.2	9	22	56	30	4	4.79	<0.01	10	2	1180
649	JCS-014	<1	<0.2	6	24	74	30	<2	3.97	<0.01	<10	<2	940
650	JCS-015	2	<0.2	8	20	56	50	<2	3.58	<0.01	<10	2	750
651	JCS-016	<1	<0.2	7	20	66	30	<2	3.68	<0.01	10	<2	860
652	JCS-017	5	<0.2	7	16	64	40	6	3.03	<0.01	<10	2	725
653	JCS-018	<1	<0.2	8	60	60	40	<2	3.93	<0.01	10	<2	1395
654	JCS-019	<1	<0.2	6	22	60	30	<2	4.15	<0.01	10	2	595
655	JCS-020	<1	<0.2	9	20	58	10	2	3.77	<0.01	10	<2	915
656	JCS-021	<1	<0.2	10	20	66	20	8	3.48	<0.01	<10	4	730
657	JCS-022	88	<0.2	9	20	58	10	<2	3.92	<0.01	<10	4	500
658	JCS-023	3	<0.2	10	20	44	30	6	3.89	<0.01	<10	2	400
659	JCS-024	<1	<0.2	5	4	14	10	2	1.13	<0.01	<10	2	155
660	JCS-025	<1	<0.2	10	8	34	10	<2	1.66	<0.01	<10	<2	255
661	JCS-026	<1	<0.2	5	6	12	10	<2	0.74	<0.01	<10	<2	85
662	JCS-027	<1	<0.2	7	4	18	10	6	1.38	<0.01	<10	<2	240
663	JCS-028	<1	<0.2	7	8	24	10	<2	1.68	<0.01	<10	<2	415
664	JCS-029	<1	<0.2	8	8	26	10	4	1.46	<0.01	<10	2	420
665	JCS-030	<1	<0.2	3	18	36	30	14	2.69	<0.01	<10	2	615
666	JCS-031	<1	<0.2	3	12	34	10	6	2.97	<0.01	<10	<2	340
667	JCS-032	<1	<0.2	10	4	8	20	<2	1.59	<0.01	<10	<2	115
668	KCS-001	10	<0.2	27	8	62	50	30	4.52	<0.01	10	6	565
669	KCS-002	3	<0.2	26	20	90	40	28	5.16	<0.01	10	6	740
670	KCS-003	2	<0.2	33	16	106	40	18	5.91	<0.01	10	4	890
671	KCS-004	4	<0.2	38	6	74	40	8	5.96	<0.01	10	2	905
672	KCS-005	1	<0.2	22	8	66	60	34	4.30	<0.01	10	2	820
673	KCS-006	<1	<0.2	25	8	62	50	24	4.42	<0.01	<10	2	645
674	KCS-007	13	<0.2	28	12	62	50	28	4.72	<0.01	<10	4	650
675	KCS-008	3	<0.2	23	8	40	10	6	2.77	<0.01	<10	<2	365
676	KCS-009	<1	<0.2	4	4	6	<10	<2	0.23	<0.01	<10	<2	10
677	KCS-010	<1	<0.2	17	8	34	20	<2	2.36	<0.01	<10	<2	150
678	KCS-011	1	<0.2	34	28	68	40	<2	3.92	<0.01	<10	4	270
679	KCS-012	4	<0.2	25	12	30	40	<2	1.51	<0.01	<10	<2	55
680	KCS-013	<1	<0.2	14	16	24	30	<2	2.05	<0.01	<10	<2	430
681	KCS-014	<1	<0.2	8	<2	16	10	<2	1.44	<0.01	<10	<2	65
682	KCS-015	4	<0.2	19	16	36	30	<2	2.53	<0.01	<10	<2	235
683	KCS-016	3	<0.2	17	4	42	70	30	3.58	<0.01	<10	<2	495
684	KCS-017	7	<0.2	3	6	14	30	28	1.27	<0.01	<10	2	580
685	KCS-018	<1	<0.2	17	6	48	30	<2	4.55	<0.01	<10	2	495
686	KCS-019	<1	<0.2	22	10	58	30	52	4.31	<0.01	10	6	655
687	KCS-020	5	<0.2	13	8	40	10	2	3.79	<0.01	<10	2	340
688	KCS-021	2	<0.2	8	4	22	20	8	2.05	<0.01	<10	2	145
689	KCS-022	3	<0.2	5	12	28	10	<2	1.04	<0.01	<10	<2	225
690	KCS-023	5	<0.2	4	6	22	10	<2	0.92	<0.01	<10	<2	190
691	KCS-024	1660	<0.2	8	10	14	10	8	1.83	<0.01	<10	<2	490
692	KCS-025	11	<0.2	4	12	28	10	<2	0.82	<0.01	<10	<2	175
693	KCS-026	<1	<0.2	5	16	32	20	<2	0.92	<0.01	<10	<2	160
694	KCS-027	<1	<0.2	4	4	8	10	<2	1.11	<0.01	<10	<2	245
695	KCS-028	<1	<0.2	11	6	24	10	<2	1.85	<0.01	<10	<2	575
696	KCS-029	1	<0.2	14	16	64	10	6	4.74	<0.01	10	<2	775
697	KCS-030	3	<0.2	9	22	62	10	4	5.65	<0.01	10	4	1835
698	KCS-031	<1	<0.2	13	16	62	30	<2	4.86	<0.01	<10	2	790

Appendix 5 Chemical data of stream sediments in Doi Chong area (1)

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
1	ADS-001	2	<0.2	34	8	46	10	18	2.84	<0.01	<10	<2	<2	220	3.4	40
2	ADS-002	<1	<0.2	14	22	24	20	50	2.12	<0.01	<10	<2	2	210	1.7	26
3	ADS-003	<1	<0.2	8	16	18	10	50	1.65	<0.01	<10	<2	2	180	1.3	22
4	ADS-004	2	<0.2	22	34	44	10	108	2.64	<0.01	<10	<2	2	190	2.2	24
5	ADS-005	2	<0.2	18	42	62	10	68	3.40	<0.01	<10	<2	2	210	3.2	38
6	ADS-006	2	<0.2	15	44	54	10	82	3.10	0.01	<10	<2	<2	180	3.5	42
7	ADS-007	985	<0.2	14	40	52	30	82	2.79	<0.01	<10	<2	4	260	3.6	34
8	ADS-008	4	<0.2	12	34	50	10	72	2.54	<0.01	<10	<2	4	190	3.0	38
9	ADS-009	3	<0.2	12	30	42	10	92	2.18	<0.01	<10	<2	2	220	2.7	34
10	ADS-010	3	<0.2	13	38	48	10	106	2.51	0.01	<10	<2	4	240	3.0	30
11	ADS-011	1	<0.2	11	32	48	10	118	2.08	<0.01	<10	3	2	210	2.2	32
12	ADS-012	35	<0.2	14	44	54	20	74	2.82	<0.01	<10	<2	2	240	3.6	38
13	ADS-013	710	<0.2	13	50	58	10	86	2.87	<0.01	<10	<2	2	230	3.3	36
14	ADS-014	11	<0.2	13	34	40	10	26	2.12	<0.01	<10	<2	2	210	4.3	36
15	ADS-015	2	<0.2	8	16	22	10	68	1.65	0.01	<10	<2	4	220	2.0	24
16	ADS-016	1	<0.2	16	28	52	20	34	3.41	0.01	<10	<2	<2	230	1.7	26
17	ADS-017	3	<0.2	24	32	72	20	24	3.98	<0.01	<10	<2	4	260	1.1	14
18	ADS-018	7	<0.2	24	34	66	20	58	3.70	0.01	<10	<2	6	280	1.5	18
19	ADS-019	9	<0.2	13	22	38	10	64	2.25	<0.01	<10	<2	4	220	1.5	16
20	ADS-020	9	<0.2	12	20	34	20	60	1.97	0.01	<10	<2	2	210	<1.0	14
21	ADS-021	424	<0.2	9	12	26	10	46	1.38	<0.01	<10	5	2	180	<1.0	16
22	ADS-022	6	<0.2	19	24	58	10	22	3.12	<0.01	<10	<2	<2	260	1.2	22
23	ADS-023	1	<0.2	24	28	64	10	30	3.40	0.02	<10	<2	2	320	1.7	22
24	ADS-024	1	<0.2	19	30	62	10	14	3.60	0.01	<10	<2	2	260	2.5	28
25	ADS-025	<1	<0.2	17	28	50	20	22	3.78	<0.01	<10	<2	2	280	2.0	24
26	ADS-026	8	<0.2	17	18	54	10	22	2.87	<0.01	<10	<2	<2	280	1.8	22
27	ADS-027	12	<0.2	20	16	62	10	16	3.09	<0.01	<10	<2	2	290	<1.0	18
28	ADS-028	<1	<0.2	24	20	62	10	24	3.99	<0.01	<10	<2	<2	350	1.6	24
29	ADS-029	<1	<0.2	18	12	48	10	18	2.69	<0.01	<10	<2	2	290	1.4	18
30	ADS-030	<1	<0.2	22	20	60	10	4	3.78	0.01	<10	<2	2	280	1.9	18
31	ADS-031	<1	<0.2	24	26	68	20	24	3.89	0.01	<10	<2	2	230	1.4	22
32	ADS-032	1	<0.2	18	18	64	10	12	3.17	<0.01	<10	<2	<2	270	1.5	20
33	ADS-033	1	<0.2	45	6	56	10	16	3.36	0.01	<10	<2	4	230	1.9	24
34	ADS-034	<1	<0.2	19	14	24	10	38	1.78	<0.01	<10	5	2	190	3.6	32
35	ADS-035	<1	<0.2	76	2	78	10	2	4.66	<0.01	<10	3	4	210	5.2	54
36	ADS-036	<1	<0.2	59	8	62	10	8	3.92	<0.01	<10	2	2	210	1.4	26
37	ADS-037	2	<0.2	39	8	42	10	24	2.76	0.01	<10	9	<2	190	1.3	22
38	ADS-038	1	<0.2	44	12	58	10	4	3.80	<0.01	<10	3	2	240	2.2	28
39	ADS-039	23	<0.2	37	4	40	10	26	2.50	0.01	<10	<2	2	190	<1.0	16
40	ADS-040	2	<0.2	67	8	74	<10	14	4.57	<0.01	<10	<2	4	200	1.7	28
41	ADS-041	1	<0.2	41	4	42	10	26	2.82	0.01	<10	<2	2	140	1.2	16
42	BDS-001	<1	<0.2	11	36	34	10	20	1.63	<0.01	<10	<2	<2	200	3.9	30
43	BDS-002	<1	<0.2	14	26	42	10	30	2.33	<0.01	<10	3	<2	170	2.9	36
44	BDS-003	1	<0.2	15	32	44	10	54	2.40	<0.01	<10	2	<2	220	4.6	40
45	BDS-004	1	<0.2	19	38	56	10	80	2.93	<0.01	<10	2	2	250	2.6	32
46	BDS-005	2	<0.2	23	40	72	10	104	3.73	<0.01	<10	7	4	270	3.0	36
47	BDS-006	6	<0.2	22	46	70	10	110	3.60	<0.01	<10	4	2	190	3.0	32
48	BDS-007	2	<0.2	26	40	80	10	110	4.00	<0.01	<10	2	2	240	2.5	34
49	BDS-008	<1	<0.2	18	20	48	<10	32	3.09	<0.01	<10	<2	<2	240	1.4	18
50	BDS-009	<1	<0.2	18	22	52	10	28	3.30	<0.01	<10	<2	2	180	1.5	18
51	BDS-010	1	<0.2	13	12	26	10	42	2.09	0.01	<10	<2	2	210	1.5	20
52	BDS-011	2	<0.2	13	14	28	10	34	2.08	0.01	<10	<2	2	220	1.3	20
53	BDS-012	<1	<0.2	14	30	40	10	50	2.81	<0.01	<10	<2	4	210	2.8	24
54	BDS-013	<1	<0.2	15	18	32	10	40	2.45	<0.01	<10	<2	4	210	1.3	20
55	BDS-014	<1	<0.2	15	16	30	10	38	2.23	<0.01	<10	<2	2	280	1.1	18
56	BDS-015	1	<0.2	16	20	42	10	44	2.98	<0.01	<10	<2	2	210	1.3	18
57	BDS-016	<1	<0.2	13	16	32	10	38	2.28	<0.01	<10	<2	2	200	1.2	18
58	BDS-017	<1	<0.2	7	12	20	60	4	1.71	<0.01	<10	<2	<2	130	<1.0	16
59	BDS-018	<1	<0.2	10	24	26	20	8	2.33	<0.01	<10	<2	2	210	1.8	24
60	BDS-019	1	<0.2	13	30	32	10	12	2.46	<0.01	<10	2	2	160	2.8	26
61	BDS-020	<1	<0.2	12	26	34	10	8	2.29	<0.01	<10	<2	2	190	2.3	22
62	BDS-021	<1	<0.2	12	32	34	10	14	2.42	0.01	<10	<2	2	190	2.2	26
63	BDS-022	<1	<0.2	7	20	20	10	<2	1.67	<0.01	<10	<2	<2	200	2.0	20
64	BDS-023	1	<0.2	10	18	30	10	14	2.04	0.01	<10	<2	2	190	1.4	20
65	BDS-024	<1	<0.2	9	20	26	20	6	2.02	<0.01	<10	<2	2	180	1.5	20
66	BDS-025	<1	<0.2	8	20	26	10	14	2.20	<0.01	<10	<2	4	200	1.3	22
67	BDS-026	206	<0.2	19	16	50	10	44	3.73	<0.01	<10	<2	8	200	1.2	18
68	BDS-027	5	<0.2	14	16	40	10	40	2.98	0.01	<10	<2	14	220	1.0	18
69	BDS-028	<1	<0.2	24	20	60	10	24	4.02	<0.01	<10	<2	6	200	1.6	18
70	BDS-029	<1	<0.2	26	32	64	10	16	4.16	<0.01	<10	<2	6	190	2.1	20
71	BDS-030	<1	<0.2	11	6	24	30	6	2.00	<0.01	<10	<2	2	170	1.5	28
72	BDS-031	<1	<0.2	8	4	20	70	22	1.84	<0.01	<10	<2	4	110	<1.0	18
73	BDS-032	<1	<0.2	9	12	26	220	38	1.98	<0.01	<10	2	6	170	1.2	18
74	BDS-033	<1	<0.2	13	18	36	160	62	2.83	0.01	<10	<2	8	170	1.3	22
75	BDS-034	<1	<0.2	8	6	20	50	20	1.71	<0.01	<10	<2	2	150	1.3	20
76	BDS-035	<1	<0.2	10	8	24	40	8	1.98	<0.01	<10	<2	<2	140	2.6	36
77	BDS-036	<1	<0.2	7	12	10	10	6	1.26	<0.01	<10	<2	<2	140	<1.0	20
78	BDS-037	<1	<0.2	6	4	12	10	4	1.18	<0.01	<10	<2	<2	120	<1.0	16
79	BDS-038	1	<0.2	4	<2	8	<10	<2	0.82	<0.01	<10	<2	<2	110	<1.0	16
80	BDS-039	<1	<0.2	5	6	8	10	2	1.00	0.01	<10	<2	<2	110	1.0	16
81	BDS-040	2	<0.2	5	6	12	20	2	1.13	<0.01	<10	<2	<2	100	1.4	26
82	BDS-041	<1	<0.2	4	2	12	30	8	0.97	0.01	<10	<2	<2	80	1.4	18
83	BDS-042	<1	<0.2	3	6	6	10	<2	0.61	<0.01	<10	<2	<2	70	1.3	20
84	BDS-043	<1	<0.2	26	28	64	20	22	4.16	<0.01	<10	<2	8	170	1.1	20
85	BDS-044	<1	<0.2	27	26	66	10	20	4.25	<0.01	<10	<2	4	210	1.1	20
86	BDS-045	<1	<0.2	27	18	62	10	6	4.24	<0.01	<10	<2	<2	170	1.6	20
87	BDS-046	2	<0.2	25	26	64	10	12	4.11	<0.01	<10	<2	6	200	1.1	18
88	BDS-047	1	<0.2	29	26	72	10	20	4.59	<0.01	<10	<2	8	220	1.3	16
89	BDS-048	<1	<0.2	21	32	54	20	30	3.54	<0.01	<10	<2	2	210	<1.0	22
90	BDS-049	<1	<0.2	21	26	60	10	10	3.74	<0.01	<10	<2	2	210	1.6	20
91	BDS-050	<1	<0.2	7	10	14	10	6	1.17	<0.01	<10	<2	<2	120	1.0	16
92	BDS-051	<1	<0.2	5	6	8	10	<2	0.87	0.01	<10	<2	<2	90	<1.0	18
93	BDS-052	<1	<0.2	7	8	14	10	6	1.04	<0.01	<10	<2	<2	120	1.2	16
94	BDS-053	<1	<0.2	5	6	8	20	2	0.91	<0.01	<10	<2	<2	90	1.2	16
95	BDS-054	<1	<0.2	3	6	6	10	<2	0.71	<0.01	<10	<2	<2	80	<1.0	14
96	BDS-055	1	<0.2	4	4	6	10	4	0.73	<0.01	<10	<2	<2	70	<1.0	16
97	BDS-056	<1	<0.2	3	4	4	10	2	0.64	<0.01	<10	<2	<2	70	<1.0	14
98	BDS-057	<1	<0.2	5	6	8	<10	<2	0.83	<0.01	<10	<2	<2	80	<1.0	16
99	BDS-058	1	<0.2	4	4	6	20	4	0.73	<0.01	<10	<2	<2	90	<1.0	16
100	BDS-059	<1	<0.2	5	<2	6	10	2	0.72	0.01	<10	<2	<2	90	<1.0	14

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
101	BDS-060	<1	<0.2	22	12	70	20	6	3.45	0.01	<10	<2	2	200	<1.0	14
102	BDS-061	<1	<0.2	27	12	72	40	2	3.23	0.01	<10	<2	2	160	<1.0	12
103	BDS-062	<1	<0.2	24	14	56	20	8	2.82	0.01	<10	<2	2	140	<1.0	12
104	BDS-063	<1	<0.2	11	24	32	20	12	1.97	0.01	<10	<2	<2	170	1.4	14
105	BDS-064	<1	<0.2	9	76	46	10	30	2.46	<0.01	<10	<2	2	170	1.4	20
106	BDS-065	5	<0.2	12	30	38	20	6	2.20	<0.01	<10	<2	<2	170	1.3	16
107	BDS-066	<1	<0.2	16	150	58	20	18	1.95	<0.01	<10	<2	<2	190	1.3	16
108	BDS-067	1	<0.2	16	184	62	20	24	1.94	<0.01	<10	2	<2	200	1.3	18
109	CDS-001	<1	<0.2	10	22	28	10	42	1.86	<0.01	<10	<2	2	170	1.7	32
110	CDS-002	2	<0.2	13	26	30	10	52	2.77	<0.01	<10	<2	4	180	3.3	44
111	CDS-003	<1	<0.2	11	26	28	10	44	2.21	0.01	<10	<2	<2	170	2.0	36
112	CDS-004	<1	<0.2	11	18	30	10	44	2.00	<0.01	<10	<2	2	190	2.2	26
113	CDS-005	1	<0.2	11	22	30	10	54	2.05	<0.01	<10	<2	2	180	2.5	28
114	CDS-006	<1	<0.2	10	14	18	20	16	1.98	0.02	<10	<2	4	130	1.5	20
115	CDS-007	2	<0.2	9	8	22	20	16	1.72	<0.01	<10	<2	<2	120	1.4	18
116	CDS-008	2	<0.2	11	12	26	20	18	2.03	<0.01	<10	<2	2	140	1.1	16
117	CDS-009	5	<0.2	15	14	30	20	26	3.11	0.01	<10	<2	4	170	1.7	24
118	CDS-010	5	<0.2	12	8	28	20	24	2.10	<0.01	<10	<2	<2	160	<1.0	18
119	CDS-011	5	<0.2	6	4	16	<10	10	1.06	<0.01	<10	<2	<2	110	1.1	18
120	CDS-012	<1	<0.2	2	2	4	10	8	0.56	<0.01	<10	<2	<2	70	<1.0	16
121	CDS-013	<1	<0.2	2	4	8	10	6	0.55	<0.01	<10	<2	<2	100	<1.0	14
122	CDS-014	<1	<0.2	5	6	6	10	8	0.72	<0.01	<10	<2	<2	90	<1.0	16
123	CDS-015	<1	<0.2	10	6	28	10	6	1.74	0.01	<10	<2	2	140	1.3	20
124	CDS-016	1	<0.2	3	<2	14	10	8	0.81	<0.01	<10	<2	<2	100	1.2	14
125	CDS-017	<1	<0.2	13	8	32	<10	10	2.20	0.01	<10	<2	<2	140	1.6	28
126	CDS-018	2	<0.2	6	8	30	10	6	0.80	<0.01	<10	<2	<2	80	<1.0	12
127	CDS-019	18	<0.2	13	6	34	<10	14	2.08	<0.01	<10	<2	4	190	1.2	20
128	CDS-020	<1	<0.2	18	8	44	10	12	2.79	0.01	<10	<2	2	250	1.3	28
129	CDS-021	<1	<0.2	16	14	40	10	10	2.34	0.01	<10	<2	<2	220	1.3	20
130	CDS-022	1	<0.2	16	8	42	<10	24	2.55	0.01	<10	<2	<2	260	<1.0	14
131	CDS-023	<1	<0.2	9	8	32	10	12	2.06	0.01	<10	<2	<2	180	<1.0	16
132	CDS-024	1	<0.2	10	8	32	10	8	2.05	0.01	<10	<2	<2	180	<1.0	14
133	CDS-025	<1	<0.2	9	12	28	20	14	2.01	<0.01	<10	<2	2	150	1.2	18
134	CDS-026	<1	<0.2	10	8	30	10	14	2.05	<0.01	<10	<2	<2	160	1.3	20
135	CDS-027	46	<0.2	10	14	28	20	4	2.20	<0.01	<10	<2	2	130	1.9	30
136	CDS-028	4	<0.2	16	12	42	10	14	2.00	0.02	<10	<2	2	170	<1.0	18
137	CDS-029	2	<0.2	18	8	44	10	10	2.14	0.01	<10	<2	<2	180	<1.0	16
138	CDS-030	<1	<0.2	12	20	34	10	12	2.35	<0.01	<10	<2	4	150	1.3	22
139	CDS-031	2	<0.2	5	6	16	10	4	1.35	<0.01	<10	<2	<2	70	<1.0	24
140	CDS-032	2	<0.2	9	116	66	10	36	1.90	<0.01	<10	<2	<2	240	4.0	34
141	CDS-033	2	<0.2	7	62	46	10	24	1.58	<0.01	<10	<2	4	170	5.6	46
142	CDS-034	18	<0.2	8	84	68	10	20	2.11	<0.01	<10	<2	4	190	4.3	32
143	CDS-035	2	<0.2	16	88	110	10	36	2.78	<0.01	<10	<2	<2	190	1.3	12
144	CDS-036	4	<0.2	19	26	48	10	50	2.78	<0.01	<10	<2	2	160	1.1	20
145	CDS-037	2	<0.2	18	12	32	10	42	2.72	0.01	<10	<2	6	180	<1.0	18
146	CDS-038	<1	<0.2	15	14	26	10	40	2.61	0.01	<10	<2	4	180	1.2	20
147	CDS-039	<1	<0.2	21	8	40	30	8	2.44	0.01	<10	<2	2	140	<1.0	14
148	CDS-040	<1	<0.2	4	6	8	10	<2	0.77	<0.01	<10	<2	<2	100	1.3	16
149	CDS-041	<1	<0.2	8	4	18	10	10	1.28	0.01	<10	<2	<2	80	1.2	20
150	CDS-042	<1	<0.2	7	4	18	10	2	1.18	0.01	<10	<2	<2	90	<1.0	16
151	CDS-043	<1	<0.2	8	6	22	30	6	1.39	0.01	<10	<2	2	90	1.5	20
152	CDS-044	<1	<0.2	14	14	32	10	2	1.81	0.03	<10	<2	<2	140	<1.0	18
153	CDS-045	5	<0.2	24	16	60	30	44	2.76	0.03	<10	<2	4	270	1.1	12
154	CDS-046	5	<0.2	27	24	70	60	94	3.40	<0.01	<10	<2	6	240	1.0	14
155	CDS-047	6	<0.2	28	30	72	60	110	3.71	0.01	<10	<2	6	270	<1.0	12
156	CDS-048	6	<0.2	26	32	76	60	122	3.74	<0.01	<10	<2	4	250	<1.0	12
157	CDS-049	3	<0.2	26	18	66	40	54	3.32	<0.01	<10	<2	6	310	1.4	14
158	CDS-050	1	<0.2	27	22	72	40	44	3.78	0.01	<10	<2	2	270	<1.0	14
159	CDS-051	1	<0.2	21	18	58	30	44	3.31	0.01	<10	<2	2	210	1.1	12
160	CDS-052	<1	<0.2	21	16	56	20	40	3.04	0.02	<10	<2	4	250	<1.0	14
161	CDS-053	186	<0.2	23	38	36	30	54	4.49	0.01	<10	<2	2	210	<1.0	14
162	CDS-054	3	<0.2	24	28	42	20	50	5.29	<0.01	<10	<2	2	210	<1.0	12
163	CDS-055	1	<0.2	26	32	32	10	114	4.20	<0.01	<10	<2	2	280	<1.0	16
164	CDS-056	<1	<0.2	26	34	30	10	126	4.70	<0.01	<10	<2	4	260	<1.0	16
165	CDS-057	<1	<0.2	8	8	26	10	14	1.59	0.01	<10	<2	2	160	<1.0	16
166	CDS-058	2	<0.2	13	16	32	20	26	2.55	<0.01	<10	<2	2	220	<1.0	20
167	CDS-059	<1	<0.2	8	10	28	10	4	2.02	<0.01	<10	<2	4	200	<1.0	18
168	CDS-060	<1	<0.2	14	14	32	20	26	2.18	<0.01	<10	<2	4	210	1.0	18
169	CDS-061	<1	<0.2	11	14	30	10	20	2.04	<0.01	<10	<2	4	200	1.2	16
170	CDS-062	3	<0.2	9	16	24	10	24	2.07	<0.01	<10	<2	<2	180	<1.0	18
171	CDS-063	2	<0.2	12	16	32	10	34	2.38	<0.01	<10	<2	<2	180	1.2	20
172	DDS-001	2	<0.2	10	14	34	440	32	2.35	<0.01	<10	<2	2	180	1.7	22
173	DDS-002	57	<0.2	11	14	36	350	36	2.71	0.01	<10	<2	2	160	1.6	26
174	DDS-003	3	<0.2	12	16	38	2700	40	2.98	<0.01	<10	<2	4	160	2.4	24
175	DDS-004	3	<0.2	12	12	36	80	40	2.71	<0.01	<10	<2	4	160	2.1	26
176	DDS-005	<1	<0.2	7	24	26	20	22	1.90	<0.01	<10	<2	2	180	3.0	30
177	DDS-006	9	<0.2	14	20	40	4450	42	3.13	0.01	<10	<2	4	170	2.2	26
178	DDS-007	3	<0.2	12	16	36	80	36	2.44	<0.01	<10	<2	4	160	1.6	20
179	DDS-008	<1	<0.2	7	16	22	10	18	1.58	<0.01	<10	<2	2	130	1.7	22
180	DDS-009	57	<0.2	18	18	46	1400	32	2.93	<0.01	<10	<2	4	190	<1.0	16
181	DDS-010	46	<0.2	18	18	46	1100	78	2.93	0.02	<10	<2	4	200	1.6	20
182	DDS-011	5	<0.2	20	18	58	870	38	3.75	0.02	<10	<2	2	230	1.4	26
183	DDS-012	6	<0.2	25	16	56	30	42	3.42	0.02	<10	<2	6	290	1.3	20
184	DDS-013	3	<0.2	23	24	50	20	26	3.71	0.01	<10	<2	6	220	<1.0	22
185	DDS-014	4	<0.2	23	16	58	30	40	3.39	0.02	<10	<2	2	250	<1.0	20
186	DDS-015	2	<0.2	8	16	22	20	16	2.44	<0.01	<10	<2	2	190	1.7	24
187	DDS-016	6	<0.2	23	16	52	30	56	2.83	0.03	<10	<2	6	250	1.2	18
188	DDS-017	1	<0.2	20	14	58	20	44	3.42	0.02	<10	<2	4	240	1.2	22
189	DDS-018	2	<0.2	10	12	26	10	36	2.11	<0.01	<10	<2	2	150	1.4	20
190	DDS-019	5	<0.2	14	34	38	20	146	2.25	0.01	<10	<2	2	310	2.6	28
191	DDS-020	5	<0.2	15	40	38	10	152	2.44	0.01	<10	<2	2	330	2.2	26
192	DDS-021	2	<0.2	11	14	30	10	34	1.95	0.01	<10	<2	<2	190	1.2	16
193	DDS-022	2	<0.2	9	12	22	10	24	2.12	<0.01	<10	<2	2	180	<1.0	20
194	DDS-023	15	<0.2	11	16	22	10	18	2.59	0.01	<10	<2	<2	150	1.9	28
195	DDS-024	2	<0.2	15	34	24	10	20	5.91	0.01	<10	<2	8	140	4.3	46
196	DDS-025	1	<0.2	8	8	26	10	10	1.27	0.02	<10	<2	<2	170	<1.0	12
197	DDS-026	1	<0.2	7	10	26	10	16	1.68	<0.01	<10	<2	2	200	1.0	20
198	DDS-027	<1	<0.2	6	12	30	20	6	1.82	0.01	<10	<2	4	150	<1.0	20
199	DDS-028	<1	<0.2	6	8	34	10	8	2.21	<0.01	<10	<2	2	170	1.2	18
200	DDS-029	<1	<0.2	4	6	22	10	6	1.58	<0.01	<10	<2	<2	130	1.6	22

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
201	DDS-030	<1	<0.2	5	8	22	10	8	1.82	<0.01	<10	<2	2	140	1.5	22
202	DDS-031	<1	<0.2	5	10	18	10	4	2.02	0.01	<10	<2	<2	120	1.7	28
203	DDS-032	3	<0.2	3	6	10	10	<2	0.55	0.02	<10	<2	<2	100	<1.0	20
204	DDS-033	<1	<0.2	14	28	48	10	46	2.50	0.01	<10	<2	4	200	1.4	20
205	DDS-034	<1	<0.2	11	116	42	10	28	1.48	0.01	<10	<2	2	250	4.9	44
206	DDS-035	2	<0.2	4	122	30	10	24	0.88	0.01	<10	<2	<2	250	6.6	50
207	DDS-036	<1	<0.2	1	112	16	10	18	0.33	<0.01	<10	<2	<2	210	5.4	46
208	DDS-037	<1	<0.2	15	60	54	10	22	2.16	<0.01	20	<2	4	260	4.0	30
209	DDS-038	1	<0.2	5	72	26	10	18	1.01	<0.01	<10	<2	<2	270	5.1	40
210	DDS-039	1	<0.2	13	42	50	20	42	2.38	<0.01	<10	<2	6	220	2.2	22
211	DDS-040	<1	<0.2	20	26	40	10	40	3.80	0.01	<10	<2	4	180	1.3	20
212	DDS-041	2	<0.2	19	54	62	10	42	2.63	0.01	60	<2	4	1170	2.3	24
213	DDS-042	<1	<0.2	10	12	28	30	6	2.00	<0.01	<10	<2	2	110	3.2	50
214	DDS-043	<1	<0.2	5	10	14	20	2	1.09	0.02	<10	<2	2	110	<1.0	18
215	DDS-044	<1	<0.2	15	16	34	60	12	2.34	0.01	<10	<2	<2	120	1.8	30
216	DDS-045	<1	<0.2	28	18	52	70	8	3.60	0.01	<10	<2	2	170	1.6	20
217	DDS-046	<1	<0.2	11	6	26	30	2	1.64	0.01	<10	<2	<2	110	1.9	24
218	DDS-047	<1	<0.2	7	18	24	70	16	2.11	<0.01	<10	<2	2	140	1.9	26
219	DDS-048	<1	<0.2	16	18	50	80	2	2.91	0.01	<10	<2	2	200	<1.0	16
220	DDS-049	<1	<0.2	6	16	22	70	6	1.77	<0.01	<10	<2	2	120	1.8	26
221	DDS-050	<1	<0.2	14	12	30	80	6	1.93	0.01	<10	<2	2	160	<1.0	20
222	DDS-051	<1	<0.2	9	20	26	30	12	2.23	<0.01	<10	<2	2	160	2.2	24
223	DDS-052	3	<0.2	4	26	50	10	38	1.04	<0.01	<10	<2	<2	140	1.4	14
224	DDS-053	3	<0.2	15	56	58	60	68	1.85	0.03	<10	<2	2	230	<1.0	16
225	DDS-054	5	<0.2	14	64	66	50	46	1.94	0.03	<10	<2	<2	190	<1.0	14
226	DDS-055	3	<0.2	7	26	28	10	46	1.23	0.01	<10	<2	4	160	1.2	14
227	DDS-056	8	<0.2	12	46	54	10	86	2.46	0.01	<10	<2	4	210	1.3	16
228	DDS-057	<1	<0.2	14	34	34	20	76	1.92	0.01	<10	<2	2	320	2.0	22
229	DDS-058	1	<0.2	18	30	48	20	60	2.35	0.01	<10	3	<2	700	1.7	14
230	DDS-059	<1	<0.2	10	30	34	10	42	2.10	0.01	<10	2	2	200	2.6	34
231	DDS-060	<1	<0.2	13	12	36	40	4	2.16	0.01	<10	<2	2	120	<1.0	22
232	DDS-061	<1	<0.2	10	32	42	40	8	1.47	0.02	<10	<2	<2	220	2.2	30
233	DDS-062	<1	<0.2	9	36	42	20	22	1.69	0.02	<10	<2	<2	210	2.3	24
234	DDS-063	<1	<0.2	11	34	40	20	22	1.80	0.02	<10	<2	<2	200	2.5	26
235	DDS-064	<1	<0.2	10	34	38	10	6	1.72	0.02	<10	<2	<2	180	2.8	28
236	DDS-065	<1	<0.2	16	36	48	30	14	2.66	0.01	<10	<2	<2	280	1.9	22
237	DDS-066	2	<0.2	19	28	52	10	32	2.94	0.01	<10	<2	<2	290	1.2	16
238	DDS-067	91	<0.2	13	38	36	30	34	1.85	<0.01	<10	<2	<2	200	1.4	18
239	DDS-068	<1	<0.2	13	20	42	10	8	2.62	0.01	<10	<2	<2	250	1.6	14
240	DDS-069	4	<0.2	11	12	32	30	20	2.40	0.01	<10	<2	2	260	<1.0	10
241	DDS-070	5	<0.2	10	34	30	20	22	1.94	<0.01	<10	<2	4	170	1.3	16
242	DDS-071	<1	<0.2	12	14	36	30	14	2.48	0.01	<10	<2	2	220	<1.0	12
243	DDS-072	1	<0.2	21	12	40	20	14	3.06	0.02	<10	<2	<2	340	1.2	12
244	DDS-073	<1	<0.2	17	38	56	30	16	2.61	0.01	<10	<2	2	290	2.2	26
245	DDS-074	3	<0.2	24	46	70	40	32	2.50	<0.01	<10	<2	2	460	2.8	30
246	DDS-075	<1	<0.2	18	50	52	10	52	2.62	<0.01	<10	<2	4	270	1.3	14
247	DDS-076	7	<0.2	13	70	54	10	46	2.60	<0.01	<10	<2	2	230	2.3	16
248	DDS-077	1	<0.2	19	38	50	10	46	2.59	<0.01	<10	4	2	280	1.3	12
249	DDS-078	3	<0.2	10	24	36	10	22	1.51	0.01	<10	<2	<2	170	1.5	16
250	DDS-079	3	<0.2	10	22	36	20	20	1.85	<0.01	<10	<2	2	190	1.8	14
251	DDS-080	3	<0.2	9	22	36	10	22	1.75	<0.01	<10	<2	2	180	1.3	14
252	DDS-081	4	<0.2	12	24	40	20	32	1.72	0.02	<10	<2	6	230	1.2	12
253	EDS-001	<1	<0.2	3	8	8	10	2	0.76	<0.01	<10	<2	2	70	<1.0	18
254	EDS-002	1	<0.2	3	6	8	10	4	0.86	0.02	<10	<2	<2	80	<1.0	16
255	EDS-003	4	<0.2	3	10	8	10	2	0.78	<0.01	<10	<2	<2	70	1.3	18
256	EDS-004	2	<0.2	4	8	12	<10	6	1.02	<0.01	<10	<2	2	80	<1.0	18
257	EDS-005	<1	<0.2	2	8	6	10	<2	0.58	<0.01	<10	<2	<2	60	<1.0	16
258	EDS-006	1	<0.2	5	12	14	10	8	1.09	<0.01	<10	<2	<2	90	<1.0	20
259	EDS-007	<1	<0.2	5	24	12	20	2	1.09	<0.01	<10	<2	<2	110	<1.0	16
260	EDS-008	<1	<0.2	5	10	16	20	14	0.88	<0.01	<10	<2	2	90	<1.0	16
261	EDS-009	3	<0.2	6	12	14	20	2	1.05	<0.01	<10	<2	<2	100	1.1	16
262	EDS-010	3	<0.2	9	20	18	20	10	2.44	<0.01	<10	<2	2	130	1.4	14
263	EDS-011	<1	<0.2	5	8	10	10	4	0.67	<0.01	<10	<2	<2	70	<1.0	14
264	EDS-012	<1	<0.2	6	14	14	10	4	1.13	<0.01	<10	<2	2	120	<1.0	14
265	EDS-013	<1	<0.2	30	20	30	20	2	1.66	<0.01	<10	<2	2	160	<1.0	22
266	EDS-014	<1	<0.2	8	12	24	40	8	1.82	0.01	<10	<2	<2	150	1.3	18
267	EDS-015	<1	<0.2	9	16	24	30	18	2.47	<0.01	<10	<2	4	140	1.3	20
268	EDS-016	96	<0.2	7	12	26	20	8	1.79	<0.01	<10	<2	2	130	1.2	18
269	EDS-017	<1	<0.2	6	12	16	10	4	1.59	<0.01	<10	<2	<2	90	<1.0	16
270	EDS-018	<1	<0.2	9	58	36	<10	12	1.43	0.01	<10	<2	2	230	6.3	42
271	EDS-019	<1	<0.2	14	24	44	<10	4	1.60	0.02	<10	<2	<2	410	4.1	32
272	EDS-020	<1	<0.2	8	50	32	<10	10	1.17	<0.01	<10	<2	<2	290	8.3	56
273	EDS-021	<1	<0.2	6	48	26	<10	4	1.08	<0.01	<10	<2	<2	290	8.1	66
274	EDS-022	1060	<0.2	3	40	20	<10	4	0.74	<0.01	<10	<2	<2	220	7.3	56
275	EDS-023	<1	<0.2	7	32	26	<10	16	1.09	<0.01	<10	<2	<2	210	6.4	38
276	EDS-024	<1	<0.2	2	30	16	<10	6	0.56	<0.01	<10	<2	<2	160	6.1	50
277	EDS-025	<1	<0.2	3	44	16	<10	12	0.78	<0.01	<10	<2	<2	200	8.4	56
278	EDS-026	<1	<0.2	4	8	16	10	4	0.98	0.02	<10	<2	2	90	1.1	22
279	EDS-027	<1	<0.2	9	12	20	140	72	2.34	<0.01	<10	<2	36	160	<1.0	12
280	EDS-028	<1	<0.2	4	4	14	10	6	0.88	<0.01	<10	<2	2	90	1.3	16
281	EDS-029	<1	<0.2	5	8	16	10	2	0.99	<0.01	<10	<2	2	90	<1.0	14
282	EDS-030	<1	<0.2	4	6	14	<10	2	0.72	<0.01	<10	<2	<2	100	<1.0	14
283	EDS-031	1	<0.2	2	6	6	<10	<2	0.58	<0.01	<10	<2	2	90	<1.0	14
284	EDS-032	<1	<0.2	7	12	22	30	<2	1.59	<0.01	<10	<2	2	120	1.8	24
285	EDS-033	1	<0.2	14	16	38	110	6	2.56	0.01	<10	<2	2	150	1.3	16
286	EDS-034	<1	<0.2	7	14	26	30	8	1.90	<0.01	<10	<2	2	120	2.4	30
287	EDS-035	<1	<0.2	10	14	26	20	8	1.97	<0.01	<10	<2	4	140	1.9	24
288	EDS-036	5	<0.2	14	32	36	20	36	2.51	<0.01	<10	<2	12	170	1.2	16
289	EDS-037	2	<0.2	16	16	56	60	10	3.20	0.01	<10	<2	<2	190	1.7	26
290	EDS-038	<1	<0.2	2	4	4	<10	<2	0.49	<0.01	<10	<2	2	60	<1.0	16
291	EDS-039	<1	<0.2	15	14	46	30	8	2.22	0.03	<10	<2	2	160	<1.0	14
292	EDS-040	<1	<0.2	6	10	12	<10	6	0.96	<0.01	<10	<2	<2	110	1.0	14
293	EDS-041	<1	<0.2	6	8	14	<10	6	1.00	<0.01	<10	<2	<2	100	<1.0	14
294	EDS-042	<1	<0.2	7	10	16	10	8	1.04	<0.01	<10	<2	<2	110	<1.0	14
295	EDS-043	<1	<0.2	18	8	42	30	8	2.51	0.01	<10	<2	2	140	1.3	20
296	EDS-044	<1	<0.2	17	12	40	30	2	2.31	0.03	<10	<2	<2	170	1.6	18
297	EDS-045	<1	<0.2	12	4	26	10	2	1.83	0.01	<10	<2	<2	140	<1.0	18
298	EDS-046	3	<0.2	14	34	48	10	20	2.18	0.01	<10	<2	<2	200	2.3	24
299	EDS-047	<1	<0.2	2	8	8	<10	2	0.70	<0.01	<10	<2	<2	70	1.2	14
300	EDS-048	<1	<0.2	24	14	60	90	4	3.93	0.01	<10	<2	<2	210	1.7	20

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
301	EDS-049	1	<0.2	70	6	74	<10	<2	4.49	0.01	<10	<2	4	370	1.5	20
302	EDS-050	512	<0.2	40	14	70	<10	46	3.83	0.03	<10	<2	2	320	1.2	16
303	EDS-051	<1	<0.2	65	2	72	<10	4	4.45	0.01	<10	<2	<2	330	2.3	20
304	EDS-052	2	<0.2	72	2	70	10	8	4.65	<0.01	<10	<2	2	290	3.8	34
305	EDS-053	3	<0.2	80	2	74	<10	8	5.17	<0.01	<10	<2	<2	210	1.2	22
306	EDS-054	2	<0.2	76	<2	66	<10	2	5.52	<0.01	<10	<2	2	180	1.8	20
307	EDS-055	1	<0.2	88	<2	84	<10	<2	5.26	<0.01	<10	<2	<2	220	2.3	22
308	EDS-056	2180	<0.2	65	<2	62	<10	12	4.03	0.01	<10	<2	<2	250	2.9	32
309	EDS-057	8	<0.2	66	2	56	<10	14	3.93	0.01	<10	<2	2	170	2.5	24
310	EDS-058	<1	<0.2	11	2	20	10	2	2.48	<0.01	<10	<2	<2	190	1.2	14
311	EDS-059	<1	<0.2	4	4	24	10	<2	2.56	<0.01	<10	<2	<2	130	1.2	18
312	EDS-060	<1	<0.2	7	6	22	<10	<2	2.48	<0.01	<10	<2	2	130	1.1	12
313	EDS-061	<1	<0.2	7	2	18	10	<2	2.02	0.01	<10	<2	<2	110	<1.0	10
314	EDS-062	39	<0.2	25	18	18	30	<2	8.04	0.01	<10	<2	4	110	<1.0	10
315	EDS-063	<1	<0.2	20	18	18	40	<2	6.74	0.03	<10	<2	2	120	<1.0	12
316	EDS-064	<1	<0.2	34	24	24	10	2	>15.00	0.01	<10	<2	6	110	<1.0	6
317	EDS-065	<1	<0.2	31	20	24	<10	<2	12.20	0.01	<10	<2	4	140	<1.0	8
318	EDS-066	<1	<0.2	15	120	34	10	6	1.79	0.01	<10	<2	<2	200	1.6	16
319	EDS-067	<1	<0.2	16	172	32	10	4	3.87	<0.01	<10	5	<2	160	2.0	18
320	EDS-068	13	<0.2	15	110	42	10	6	1.84	<0.01	<10	<2	2	190	1.8	16
321	EDS-069	<1	<0.2	16	98	30	10	12	2.92	0.01	<10	<2	<2	150	1.0	12
322	EDS-070	1	<0.2	10	24	26	10	16	2.38	<0.01	<10	<2	<2	150	2.5	28
323	EDS-071	<1	<0.2	10	20	24	10	18	2.03	0.01	<10	<2	2	150	2.5	28
324	EDS-072	<1	<0.2	11	22	26	10	14	2.43	0.01	<10	<2	<2	160	2.8	32
325	EDS-073	<1	<0.2	10	24	24	10	14	2.13	<0.01	<10	<2	<2	150	2.3	26
326	EDS-074	<1	<0.2	10	26	24	<10	18	2.19	<0.01	<10	<2	<2	150	2.2	30
327	EDS-075	<1	<0.2	13	18	32	10	8	2.82	<0.01	<10	<2	2	140	2.6	32
328	FDS-001	<1	<0.2	11	80	40	10	52	1.60	0.01	<10	<2	<2	270	8.6	64
329	FDS-002	<1	<0.2	10	70	38	10	60	1.42	<0.01	<10	<2	<2	270	5.9	42
330	FDS-003	44	0.2	7	174	28	20	16	0.21	0.01	<10	<2	<2	290	12.0	80
331	FDS-004	1	<0.2	11	24	30	10	42	1.80	0.01	<10	<2	2	220	2.4	28
332	FDS-005	1	<0.2	24	16	78	10	24	3.90	0.01	<10	<2	2	350	1.9	20
333	FDS-006	<1	<0.2	23	16	70	10	26	3.58	<0.01	<10	<2	<2	240	1.4	24
334	FDS-007	<1	<0.2	16	32	48	<10	36	2.59	<0.01	<10	<2	<2	250	2.5	28
335	FDS-008	<1	<0.2	29	26	80	10	36	3.95	0.01	<10	<2	<2	310	1.5	20
336	FDS-009	1	<0.2	14	28	42	10	44	2.32	0.01	<10	<2	<2	320	3.1	32
337	FDS-010	<1	<0.2	31	10	48	10	22	2.83	0.01	<10	<2	<2	260	1.0	18
338	FDS-011	2	<0.2	36	12	52	10	22	3.08	0.01	<10	<2	<2	230	1.1	20
339	FDS-012	4	<0.2	8	44	32	10	172	1.83	0.02	<10	<2	<2	180	2.2	26
340	FDS-013	3	<0.2	37	14	50	10	26	3.90	<0.01	<10	<2	<2	190	<1.0	20
341	FDS-014	1	<0.2	10	26	30	10	62	1.73	0.02	<10	<2	2	260	2.0	22
342	FDS-015	1	<0.2	32	12	50	10	32	3.02	0.01	<10	<2	<2	290	1.9	22
343	FDS-016	<1	<0.2	35	12	56	<10	20	3.27	0.01	<10	<2	<2	240	1.3	20
344	FDS-017	7	<0.2	32	18	48	30	54	2.88	0.02	<10	<2	<2	300	1.8	22
345	FDS-018	2	<0.2	20	28	46	10	36	2.64	0.01	<10	<2	2	1900	2.8	32
346	FDS-019	2	<0.2	21	20	46	20	24	2.51	0.01	<10	<2	<2	1850	1.8	22
347	FDS-020	9	<0.2	16	12	40	10	34	2.93	0.01	<10	<2	4	240	1.4	18
348	FDS-021	5	<0.2	14	22	38	10	58	2.73	<0.01	<10	<2	12	200	1.0	18
349	FDS-022	8	<0.2	14	22	40	10	56	2.80	<0.01	<10	<2	6	210	<1.0	16
350	FDS-023	5	<0.2	14	14	38	10	50	2.76	0.01	<10	<2	12	200	1.3	16
351	FDS-024	7	<0.2	19	26	44	10	72	3.32	0.01	<10	<2	4	220	1.2	18
352	FDS-025	10	<0.2	10	16	30	20	42	2.05	0.01	<10	<2	28	160	<1.0	18
353	FDS-026	<1	<0.2	19	34	62	20	30	3.43	0.01	<10	<2	2	260	1.8	24
354	FDS-027	<1	<0.2	20	34	60	20	28	3.29	0.01	<10	<2	<2	450	2.5	26
355	FDS-028	1	<0.2	20	26	60	20	24	2.83	0.02	<10	<2	<2	370	2.3	26
356	FDS-029	<1	<0.2	22	30	74	30	22	3.61	0.02	<10	<2	2	380	2.6	24
357	FDS-030	1	<0.2	20	28	64	30	36	3.49	0.01	<10	<2	2	320	1.7	26
358	FDS-031	1	<0.2	19	26	64	20	28	3.28	0.02	<10	<2	2	310	1.6	28
359	FDS-032	<1	<0.2	18	24	64	10	30	3.29	0.01	<10	<2	2	260	1.9	26
360	FDS-033	7	<0.2	15	68	42	20	42	2.02	0.02	<10	<2	<2	360	4.9	48
361	FDS-034	5	<0.2	19	18	42	20	44	2.60	0.02	<10	<2	4	300	2.3	22
362	FDS-035	2	<0.2	21	28	66	20	20	3.73	0.02	<10	<2	<2	290	1.9	24
363	FDS-036	3	<0.2	59	12	74	140	14	4.42	0.01	<10	<2	2	250	1.1	16
364	FDS-037	4	<0.2	64	<2	56	10	8	3.87	0.02	<10	<2	<2	230	3.1	40
365	FDS-038	<1	<0.2	69	<2	50	<10	2	4.01	<0.01	<10	<2	2	140	1.4	18
366	FDS-039	<1	<0.2	10	30	28	<10	58	1.57	0.01	<10	<2	2	230	5.9	52
367	FDS-040	2	<0.2	9	30	28	10	60	1.57	<0.01	<10	<2	2	240	7.2	60
368	FDS-041	<1	<0.2	19	26	48	<10	16	2.90	<0.01	<10	<2	<2	250	2.4	20
369	FDS-042	2	<0.2	7	30	22	<10	12	1.25	<0.01	<10	<2	<2	210	14.0	74
370	FDS-043	<1	<0.2	6	46	22	10	18	1.07	<0.01	<10	<2	<2	250	13.0	78
371	FDS-044	<1	<0.2	3	36	16	<10	20	0.60	0.01	<10	<2	<2	210	6.7	46
372	FDS-045	2	<0.2	17	20	42	10	12	2.62	0.01	<10	<2	2	230	1.5	16
373	FDS-046	2	<0.2	3	38	18	20	10	0.64	<0.01	<10	7	<2	250	11.0	72
374	FDS-047	<1	<0.2	1	30	10	10	8	0.38	0.01	<10	<2	<2	220	14.0	94
375	FDS-048	1	<0.2	<1	32	8	10	18	0.34	<0.01	<10	<2	<2	290	8.9	66
376	FDS-049	<1	<0.2	<1	30	8	10	22	0.39	<0.01	<10	<2	<2	330	14.0	90
377	FDS-050	<1	<0.2	<1	28	6	10	10	0.31	<0.01	<10	<2	<2	280	8.2	56
378	GDS-001	8	<0.2	37	20	56	<10	26	3.17	0.01	<10	<2	<2	250	<1.0	20
379	GDS-002	1	<0.2	11	30	34	10	52	1.79	0.01	<10	<2	<2	220	2.0	24
380	GDS-003	<1	<0.2	37	12	52	10	22	3.07	<0.01	<10	<2	<2	210	2.9	30
381	GDS-004	<1	<0.2	14	34	44	20	36	2.25	0.01	<10	<2	2	270	3.7	38
382	GDS-005	<1	<0.2	16	26	42	10	34	2.23	<0.01	<10	<2	<2	320	2.0	24
383	GDS-006	<1	<0.2	16	44	52	20	52	2.64	0.01	<10	<2	<2	430	2.1	30
384	GDS-007	<1	<0.2	15	32	42	10	84	2.44	<0.01	<10	<2	2	400	1.9	24
385	GDS-008	2	<0.2	14	32	38	10	70	2.16	0.01	<10	<2	<2	320	1.6	24
386	GDS-009	<1	<0.2	8	8	16	<10	4	1.34	<0.01	<10	<2	<2	150	<1.0	16
387	GDS-010	<1	<0.2	6	6	16	20	6	1.21	<0.01	<10	<2	<2	140	1.1	18
388	GDS-011	<1	0.2	5	6	14	10	4	0.92	0.03	<10	<2	<2	120	<1.0	18
389	GDS-012	<1	<0.2	4	4	6	20	2	0.68	<0.01	<10	<2	<2	90	<1.0	16
390	GDS-013	<1	<0.2	3	6	8	10	2	0.85	<0.01	<10	<2	<2	90	<1.0	16
391	GDS-014	<1	<0.2	2	2	2	<10	2	0.46	<0.01	<10	<2	<2	70	<1.0	16
392	GDS-015	<1	<0.2	2	4	4	10	2	0.43	<0.01	<10	<2	<2	60	<1.0	16
393	GDS-016	<1	<0.2	4	6	12	10	6	0.94	<0.01	<10	<2	<2	90	1.1	20
394	GDS-017	232	<0.2	3	4	8	10	4	0.80	<0.01	<10	<2	<2	80	1.2	18
395	GDS-018	5	<0.2	7	10	16	20	2	1.14	<0.01	<10	<2	<2	100	1.4	16
396	GDS-019	<1	<0.2	7	12	18	10	2	1.06	<0.01	<10	<2	<2	120	<1.0	16
397	GDS-020	<1	<0.2	6	8	12	10	2	0.93	<0.01	<10	<2	<2	110	<1.0	16
398	GDS-021	<1	<0.2	5	8	12	20	2	0.80	<0.01	<10	<2	<2	100	<1.0	18
399	GDS-022	<1	<0.2	4	12	8	20	<2	0.81	<0.01	<10	<2	<2	100	1.0	14
400	GDS-023	<1	<0.2	5	6	8	10	4	0.86	<0.01	<10	<2	<2	100	1.3	20

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
401	GDS-024	<1	<0.2	7	14	20	20	2	0.97	<0.01	<10	<2	<2	100	1.2	22
402	GDS-025	1	<0.2	16	38	34	10	6	1.75	<0.01	<10	<2	<2	100	1.4	26
403	GDS-026	<1	<0.2	6	10	12	<10	4	0.99	<0.01	<10	<2	<2	100	1.0	18
404	GDS-027	<1	<0.2	6	14	14	30	4	1.74	<0.01	<10	<2	2	120	1.8	26
405	GDS-028	<1	<0.2	7	16	16	30	10	2.08	<0.01	<10	<2	2	120	2.1	26
406	GDS-029	<1	<0.2	7	6	14	10	16	1.54	0.01	<10	<2	2	130	1.7	22
407	GDS-030	1	<0.2	8	10	16	30	24	1.86	0.01	<10	<2	2	140	1.4	30
408	GDS-031	<1	<0.2	11	22	24	60	14	2.67	<0.01	<10	<2	4	200	1.7	20
409	GDS-032	<1	<0.2	12	22	18	130	20	2.58	<0.01	<10	<2	4	290	1.9	20
410	GDS-033	<1	<0.2	8	26	18	20	2	2.37	<0.01	<10	<2	2	230	1.5	28
411	GDS-034	<1	0.2	18	16	50	20	6	3.49	<0.01	<10	<2	<2	300	<1.0	18
412	GDS-035	<1	<0.2	17	22	44	20	12	3.78	<0.01	<10	<2	<2	250	1.4	16
413	GDS-036	<1	<0.2	15	16	36	20	6	3.16	<0.01	<10	<2	<2	230	<1.0	16
414	GDS-037	<1	<0.2	14	16	34	10	4	3.02	0.01	<10	<2	<2	230	1.1	18
415	GDS-038	<1	<0.2	17	18	42	10	6	3.66	0.01	<10	<2	<2	250	1.1	18
416	GDS-039	<1	0.2	18	18	42	10	8	3.57	<0.01	<10	<2	<2	270	1.2	16
417	GDS-040	<1	<0.2	23	18	62	10	10	4.26	0.01	<10	<2	<2	290	1.0	16
418	GDS-041	<1	<0.2	24	20	64	10	8	4.31	0.01	<10	<2	<2	320	1.1	18
419	GDS-042	<1	<0.2	17	12	42	10	8	3.34	0.01	<10	<2	<2	190	<1.0	14
420	GDS-043	<1	<0.2	20	16	46	10	4	3.75	0.01	<10	<2	<2	250	<1.0	16
421	GDS-044	181	<0.2	9	16	22	10	26	2.10	0.01	<10	<2	2	180	1.1	16
422	GDS-045	4	<0.2	7	12	18	10	14	1.70	<0.01	<10	<2	2	150	1.3	12
423	GDS-046	8	<0.2	23	26	52	100	118	3.11	0.01	<10	<2	8	260	1.1	12
424	GDS-047	<1	<0.2	5	8	14	20	12	1.11	<0.01	<10	<2	<2	120	<1.0	10
425	GDS-048	5	<0.2	3	8	16	40	44	1.06	0.01	<10	<2	2	230	2.6	22
426	GDS-049	<1	<0.2	7	12	16	10	12	1.71	<0.01	<10	<2	2	140	1.0	14
427	GDS-050	<1	<0.2	6	12	14	10	6	1.67	<0.01	<10	<2	<2	150	1.4	16
428	GDS-051	27	<0.2	38	22	84	20	8	5.05	<0.01	<10	<2	<2	340	<1.0	12
429	GDS-052	<1	0.2	29	24	70	20	12	4.72	0.01	<10	<2	<2	240	<1.0	10
430	GDS-053	2	<0.2	7	16	14	20	20	1.96	<0.01	<10	<2	2	160	<1.0	16
431	GDS-054	<1	<0.2	13	128	56	10	20	1.51	0.01	<10	<2	2	220	1.8	16
432	GDS-055	<1	<0.2	13	108	56	10	22	1.53	0.01	<10	<2	<2	220	1.7	14
433	GDS-056	<1	<0.2	15	154	66	10	28	1.46	0.07	<10	<2	<2	240	1.5	16
434	GDS-057	16	<0.2	9	42	34	10	12	2.15	0.01	<10	<2	<2	200	1.1	14
435	GDS-058	<1	<0.2	7	6	4	10	<2	1.01	<0.01	<10	<2	<2	80	<1.0	10
436	GDS-059	<1	<0.2	14	154	50	10	20	1.99	0.01	<10	<2	<2	220	<1.0	16
437	GDS-060	1	<0.2	14	144	50	20	20	1.77	<0.01	<10	<2	2	270	1.6	18
438	HDS-001	3	<0.2	19	12	44	330	44	3.05	0.01	<10	<2	4	260	<1.0	16
439	HDS-002	5	<0.2	13	18	32	60	30	2.39	0.01	<10	<2	2	180	1.6	20
440	HDS-003	49	<0.2	19	42	44	1500	42	3.02	0.01	<10	<2	2	220	2.1	20
441	HDS-004	2	<0.2	10	12	18	32	12	2.22	0.01	<10	<2	<2	150	1.7	18
442	HDS-005	<1	<0.2	24	28	66	30	32	3.84	<0.01	<10	<2	<2	310	1.4	18
443	HDS-006	4	<0.2	10	14	16	30	30	1.75	0.01	<10	<2	<2	180	1.7	20
444	HDS-007	<1	<0.2	7	12	10	670	28	1.58	<0.01	<10	<2	<2	110	1.3	20
445	HDS-008	<1	<0.2	7	8	14	10	14	1.40	<0.01	<10	<2	<2	130	1.2	16
446	HDS-009	<1	<0.2	6	8	14	10	12	1.37	<0.01	<10	<2	<2	130	1.3	16
447	HDS-010	<1	<0.2	14	12	36	80	34	2.38	<0.01	<10	<2	2	180	1.0	18
448	HDS-011	977	<0.2	6	24	22	10	30	1.89	0.01	<10	<2	<2	290	1.6	20
449	HDS-012	6	0.2	17	22	50	10	22	2.90	0.02	<10	<2	2	260	1.4	12
450	HDS-013	<1	<0.2	12	32	44	10	62	2.81	0.01	<10	<2	2	210	1.9	20
451	HDS-014	16	<0.2	11	28	38	20	90	2.27	0.01	<10	<2	<2	270	2.5	36
452	HDS-015	1	<0.2	17	24	52	10	32	3.32	0.01	<10	<2	<2	270	1.6	18
453	HDS-016	1	0.2	9	14	20	10	20	1.91	0.01	<10	<2	<2	170	<1.0	22
454	HDS-017	<1	<0.2	9	10	16	10	24	1.64	<0.01	<10	<2	<2	170	1.5	20
455	HDS-018	1	<0.2	11	14	24	10	20	1.88	0.01	<10	<2	<2	120	1.4	18
456	HDS-019	<1	<0.2	11	38	30	10	20	2.55	0.01	<10	<2	<2	200	2.7	22
457	HDS-020	<1	<0.2	12	26	34	10	18	2.22	<0.01	<10	<2	2	200	1.9	18
458	HDS-021	<1	<0.2	3	42	14	30	16	0.78	0.01	<10	<2	2	200	2.8	20
459	HDS-022	<1	<0.2	9	26	14	20	4	1.64	0.01	<10	<2	4	250	1.9	22
460	HDS-023	<1	<0.2	14	38	32	10	22	2.74	<0.01	<10	<2	4	180	2.4	22
461	HDS-024	<1	<0.2	7	28	26	10	12	2.06	<0.01	<10	<2	2	200	2.4	22
462	HDS-025	<1	<0.2	5	32	20	10	28	1.76	0.01	<10	<2	2	240	2.9	28
463	HDS-026	<1	<0.2	13	24	46	20	<2	2.72	0.02	<10	<2	2	200	1.9	16
464	HDS-027	1	<0.2	11	30	38	20	10	2.26	0.02	<10	<2	<2	200	1.2	20
465	HDS-028	10	<0.2	13	34	32	20	36	2.39	0.01	<10	<2	8	230	1.7	16
466	HDS-029	<1	<0.2	34	28	84	10	<2	5.40	<0.01	<10	<2	4	330	1.1	14
467	HDS-030	182	<0.2	14	38	34	20	46	2.54	0.01	<10	<2	16	250	2.2	16
468	HDS-031	3	<0.2	25	26	70	10	<2	4.36	0.01	<10	<2	<2	260	<1.0	16
469	HDS-032	949	<0.2	13	42	30	30	48	2.42	0.01	<10	8	20	260	2.7	18
470	HDS-033	12	<0.2	12	14	30	50	<2	2.05	0.01	<10	<2	2	160	<1.0	20
471	HDS-034	<1	<0.2	26	20	68	10	8	4.55	<0.01	<10	<2	<2	200	1.8	14
472	HDS-035	1	<0.2	30	24	72	10	<2	4.99	<0.01	<10	<2	2	260	<1.0	12
473	HDS-036	2	<0.2	32	26	84	30	4	5.12	<0.01	<10	<2	2	230	1.2	14
474	HDS-037	1	<0.2	30	30	74	10	6	4.91	<0.01	<10	<2	<2	260	1.3	14
475	HDS-038	<1	<0.2	30	22	72	20	10	5.04	<0.01	<10	<2	4	240	<1.0	12
476	HDS-039	<1	<0.2	29	28	68	10	6	4.82	0.01	<10	<2	2	230	1.2	14
477	HDS-040	2	<0.2	25	26	68	10	8	4.44	<0.01	<10	<2	6	230	1.4	12
478	HDS-041	<1	<0.2	1	16	4	10	<2	0.52	<0.01	<10	<2	<2	170	6.5	66
479	HDS-042	<1	<0.2	1	30	8	10	<2	0.56	<0.01	<10	<2	2	230	6.6	54
480	HDS-043	<1	<0.2	2	20	6	10	2	0.42	<0.01	<10	<2	<2	160	5.7	88
481	HDS-044	<1	<0.2	3	170	14	10	8	0.71	<0.01	<10	<2	<2	180	6.6	60
482	HDS-045	<1	<0.2	8	28	22	10	8	1.94	<0.01	<10	<2	6	160	3.1	30
483	HDS-046	2	<0.2	11	30	32	10	22	2.25	<0.01	<10	<2	6	170	1.7	22
484	HDS-047	5	<0.2	11	26	34	10	22	2.14	<0.01	<10	<2	8	160	3.0	28
485	HDS-048	65	<0.2	9	22	28	20	20	1.91	<0.01	<10	<2	12	150	2.6	30
486	HDS-049	6	<0.2	23	62	78	10	44	2.86	<0.01	<10	<2	2	270	1.1	12
487	HDS-050	4	<0.2	23	64	84	10	40	2.83	<0.01	<10	<2	2	270	1.2	12
488	HDS-051	<1	<0.2	26	68	78	10	6	2.91	<0.01	<10	<2	2	210	1.2	14
489	HDS-052	<1	<0.2	25	64	72	10	8	2.82	0.01	<10	<2	2	210	3.0	20
490	HDS-053	<1	<0.2	21	56	52	10	14	2.39	0.01	<10	<2	<2	210	4.0	28
491	HDS-054	1	0.2	13	82	36	10	12	1.52	0.01	<10	<2	2	210	5.9	38
492	HDS-055	<1	<0.2	25	26	88	20	8	4.64	0.01	<10	<2	2	210	1.1	12
493	HDS-056	<1	<0.2	17	18	52	10	<2	3.27	0.01	<10	6	2	260	1.5	26
494	HDS-057	2	<0.2	16	22	40	10	<2	3.74	<0.01	<10	<2	2	200	2.1	30
495	JDS-001	1	<0.2	15	32	40	10	50	2.30	0.01	<10	<2	4	240	3.3	30
496	JDS-002	2	<0.2	13	30	36	20	52	2.07	0.01	<10	<2	2	220	2.4	28
497	JDS-003	<1	<0.2	13	24	32	10	48	2.14	0.01	<10	<2	4	210	2.5	30
498	JDS-004	2	<0.2	10	28	38	10	166	1.70	0.01	<10	<2	2	190	2.6	28
499	JDS-005	<1	<0.2	26	26	72	10	26	4.31	0.01	<10	<2	<2	320	1.3	18
500	JDS-006	1	<0.2	12	32	38	10	26	2.05	0.01	<10	<2	<2	230	3.2	28

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
501	JDS-007	2	<0.2	22	26	62	20	30	3.60	0.01	<10	<2	2	180	1.4	22
502	JDS-008	2	<0.2	22	18	70	10	22	3.60	0.01	<10	<2	<2	230	1.3	16
503	JDS-009	20	<0.2	12	38	54	20	26	1.91	0.01	<10	<2	<2	220	4.9	88
504	JDS-010	1	<0.2	15	46	46	30	32	2.58	0.01	<10	9	<2	240	3.9	30
505	JDS-011	<1	<0.2	17	16	46	2000	52	3.67	0.02	<10	<2	2	170	2.2	28
506	JDS-012	<1	<0.2	22	20	62	10	14	3.79	0.01	<10	<2	<2	230	1.1	20
507	JDS-013	3	<0.2	21	30	68	10	36	3.66	<0.01	<10	<2	<2	300	1.2	20
508	JDS-014	<1	<0.2	19	32	64	<10	38	3.32	0.01	<10	<2	<2	280	1.9	22
509	JDS-015	<1	<0.2	20	22	66	10	34	3.43	0.01	<10	<2	<2	300	1.2	18
510	JDS-016	4	<0.2	22	28	70	10	30	3.60	<0.01	<10	<2	<2	310	1.1	18
511	JDS-017	<1	<0.2	22	22	66	10	20	3.55	0.01	<10	<2	<2	300	<1.0	118
512	JDS-018	7	<0.2	11	24	38	10	62	2.31	0.01	<10	<2	2	240	3.2	34
513	JDS-019	2	<0.2	13	20	24	<10	42	3.14	0.01	<10	<2	<2	190	2.8	32
514	JDS-020	35	<0.2	9	28	62	20	90	2.88	0.02	<10	<2	<2	220	2.5	38
515	JDS-021	461	<0.2	10	28	38	20	30	2.07	0.01	<10	<2	<2	250	1.7	26
516	JDS-022	7	<0.2	13	46	48	<10	32	2.33	0.01	20	<2	2	500	3.4	24
517	JDS-023	<1	<0.2	22	26	62	10	16	3.49	0.01	<10	<2	<2	200	1.3	24
518	JDS-024	8	<0.2	13	28	42	10	44	2.53	0.01	<10	3	2	250	4.0	32
519	JDS-025	5	<0.2	11	82	48	10	42	1.66	0.01	<10	2	<2	270	8.5	58
520	JDS-026	4	<0.2	14	80	56	10	48	1.98	<0.01	<10	2	<2	260	7.9	52
521	JDS-027	<1	<0.2	1	48	8	10	14	0.38	0.01	<10	<2	<2	380	10.0	79
522	JDS-028	5	<0.2	13	74	60	10	40	1.86	0.01	<10	<2	<2	270	5.4	44
523	JDS-029	5	<0.2	12	82	58	10	42	1.86	<0.01	<10	<2	<2	270	5.8	48
524	JDS-030	<1	<0.2	8	74	26	<10	50	1.20	<0.01	<10	<2	<2	320	5.7	40
525	JDS-031	6	<0.2	12	56	42	20	42	1.83	0.01	<10	<2	<2	250	4.6	34
526	JDS-032	<1	<0.2	16	46	40	10	26	2.13	0.01	<10	<2	<2	250	1.7	14
527	JDS-033	<1	<0.2	11	42	38	10	28	1.68	<0.01	<10	<2	<2	140	<1.0	10
528	JDS-034	3	<0.2	10	44	34	<10	40	1.78	0.01	<10	<2	<2	210	9.0	70
529	JDS-035	<1	<0.2	15	38	42	10	24	2.12	<0.01	<10	<2	<2	200	2.3	20
530	JDS-036	<1	<0.2	11	14	28	10	20	2.56	<0.01	<10	<2	<2	160	2.7	30
531	JDS-037	4	<0.2	17	28	52	10	56	2.98	0.01	<10	<2	2	210	1.7	16
532	JDS-038	4	<0.2	18	26	56	10	64	3.22	0.01	<10	<2	4	220	1.8	16
533	JDS-039	8	<0.2	20	30	56	10	72	3.35	0.01	<10	<2	4	200	1.3	18
534	JDS-040	8	<0.2	11	34	42	<10	70	1.86	0.01	<10	<2	2	250	1.8	16
535	JDS-041	4	<0.2	6	24	26	10	22	1.06	0.01	<10	<2	<2	130	1.3	10
536	JDS-042	4	<0.2	17	26	52	10	54	2.89	0.01	<10	<2	2	180	1.2	16
537	JDS-043	1	<0.2	14	60	56	10	44	2.04	0.01	<10	<2	2	200	2.0	20
538	JDS-044	<1	<0.2	3	30	16	<10	4	0.70	<0.01	<10	<2	<2	260	12.0	70
539	JDS-045	5	<0.2	23	20	60	10	32	3.43	<0.01	<10	<2	<2	310	1.0	16
540	JDS-046	1	<0.2	28	26	78	10	40	4.20	<0.01	<10	<2	<2	300	1.4	14
541	JDS-047	<1	<0.2	2	56	16	10	2	0.73	<0.01	<10	<2	<2	270	37.0	232
542	JDS-048	<1	<0.2	<1	40	12	10	<2	0.46	<0.01	<10	<2	<2	220	18.0	104
543	JDS-049	<1	<0.2	<1	26	8	10	<2	0.27	<0.01	<10	<2	<2	190	17.0	110
544	JDS-050	<1	<0.2	29	22	86	10	12	4.00	<0.01	<10	<2	<2	360	<1.0	12
545	JDS-051	1	<0.2	12	16	36	10	6	2.55	0.01	<10	<2	<2	250	2.4	16
546	JDS-052	2	<0.2	8	30	26	<10	4	1.35	<0.01	<10	<2	<2	1280	12.0	84
547	JDS-053	<1	<0.2	4	36	18	10	4	0.74	<0.01	<10	<2	<2	170	23.0	158
548	JDS-054	<1	<0.2	4	12	6	10	<2	1.42	<0.01	<10	<2	<2	130	1.2	16
549	JDS-055	1	<0.2	16	28	24	10	192	1.60	<0.01	<10	<2	6	170	1.7	14
550	JDS-056	2	<0.2	18	90	76	30	70	2.18	<0.01	<10	<2	6	220	1.2	12
551	JDS-057	1	<0.2	14	26	24	40	34	1.72	<0.01	<10	<2	4	140	1.8	14
552	JDS-058	1	<0.2	15	20	42	20	20	2.60	<0.01	<10	<2	<2	240	1.7	16
553	JDS-059	<1	<0.2	12	36	40	10	32	1.88	<0.01	<10	<2	2	170	1.3	14
554	JDS-060	<1	<0.2	8	60	24	<10	4	1.99	0.01	<10	<2	<2	180	1.3	14
555	JDS-061	<1	<0.2	21	6	46	10	<2	5.49	<0.01	<10	<2	<2	100	<1.0	6
556	JDS-062	<1	<0.2	11	78	22	<10	2	1.74	<0.01	<10	9	<2	220	1.3	16
557	JDS-063	385	<0.2	8	54	24	20	2	2.72	0.01	<10	5	<2	170	1.3	16
558	JDS-064	1	<0.2	19	14	44	10	4	5.15	<0.01	<10	<2	2	120	1.7	14
559	JDS-065	<1	<0.2	16	8	34	10	4	3.96	<0.01	<10	<2	2	130	1.1	12
560	JDS-066	<1	<0.2	27	14	36	10	4	5.56	<0.01	<10	<2	<2	100	1.1	8
561	JDS-067	<1	<0.2	16	14	34	10	2	3.40	<0.01	<10	<2	<2	110	<1.0	10
562	JDS-068	382	<0.2	6	28	20	<10	14	1.26	<0.01	<10	<2	<2	180	5.2	42
563	JDS-069	<1	<0.2	9	12	30	<10	6	2.10	<0.01	<10	<2	<2	140	1.7	20
564	JDS-070	66	<0.2	5	22	18	10	14	1.10	<0.01	<10	<2	<2	170	3.3	32
565	JDS-071	31	<0.2	10	14	38	<10	6	2.38	<0.01	<10	<2	<2	80	2.3	34
566	JDS-072	<1	<0.2	11	12	46	<10	<2	2.79	0.01	<10	<2	<2	210	1.6	30
567	JDS-073	5	<0.2	8	22	28	690	14	2.14	0.01	<10	<2	<2	190	1.3	22
568	JDS-074	268	<0.2	10	22	28	40	24	2.58	<0.01	<10	<2	2	10000	1.8	24
569	JDS-075	7	<0.2	9	20	30	1600	22	2.13	0.01	<10	<2	<2	200	1.6	22
570	JDS-076	7	<0.2	8	22	26	10	18	2.02	<0.01	<10	<2	<2	190	1.4	24
571	JDS-077	353	<0.2	8	22	26	40	20	2.28	<0.01	<10	<2	<2	150	2.0	30
572	JDS-078	6	<0.2	10	30	30	<10	32	2.21	<0.01	<10	<2	<2	220	2.1	24
573	JDS-079	<1	<0.2	12	20	38	350	20	2.59	<0.01	<10	<2	<2	260	1.7	22
574	JDS-080	22	<0.2	8	16	30	40	14	1.82	0.01	<10	<2	<2	200	1.3	20
575	KDS-001	3	<0.2	9	16	26	<10	46	1.70	0.01	<10	<2	<2	180	2.0	24
576	KDS-002	3	<0.2	9	32	38	10	78	2.15	0.01	<10	<2	<2	280	2.6	26
577	KDS-003	45	<0.2	12	24	36	10	68	2.26	<0.01	<10	<2	<2	280	2.0	32
578	KDS-004	2	<0.2	13	44	36	10	78	2.36	0.01	<10	<2	<2	260	3.1	32
579	KDS-005	2	<0.2	12	20	36	20	42	2.04	<0.01	<10	<2	<2	240	1.7	24
580	KDS-006	2	<0.2	13	34	40	10	78	2.29	<0.01	<10	<2	<2	250	3.4	32
581	KDS-007	3	<0.2	12	22	36	20	56	2.19	<0.01	<10	<2	<2	270	1.8	24
582	KDS-008	3	<0.2	15	24	40	10	22	2.46	0.01	<10	<2	<2	350	1.8	22
583	KDS-009	5	<0.2	13	26	38	10	80	2.27	<0.01	<10	<2	<2	260	1.9	26
584	KDS-010	3	<0.2	16	20	48	20	6	2.91	<0.01	<10	<2	<2	290	1.2	16
585	KDS-011	4	<0.2	13	34	38	10	112	2.40	0.01	<10	<2	<2	280	3.0	44
586	KDS-012	<1	<0.2	2	6	6	10	<2	0.67	<0.01	<10	<2	<2	90	1.4	20
587	KDS-013	<1	<0.2	3	6	8	10	<2	0.66	<0.01	<10	<2	<2	90	1.2	22
588	KDS-014	<1	<0.2	3	8	18	10	<2	0.62	<0.01	<10	<2	<2	100	<1.0	16
589	KDS-015	<1	<0.2	4	8	12	10	<2	0.93	<0.01	<10	<2	<2	100	1.3	22
590	KDS-016	<1	<0.2	8	14	18	10	<2	1.49	<0.01	<10	<2	<2	180	1.3	16
591	KDS-017	<1	<0.2	8	14	16	10	<2	1.06	<0.01	<10	<2	<2	130	1.2	18
592	KDS-018	<1	<0.2	10	16	20	20	<2	1.52	0.01	<10	<2	<2	200	1.1	18
593	KDS-019	<1	<0.2	7	16	16	10	<2	1.27	0.01	<10	<2	<2	110	<1.0	20
594	KDS-020	<1	<0.2	7	30	16	10	<2	1.28	<0.01	<10	<2	<2	140	<1.0	18
595	KDS-021	<1	<0.2	8	8	26	10	16	1.55	0.01	<10	<2	<2	240	<1.0	16
596	KDS-022	<1	<0.2	6	4	12	10	2	0.75	<0.01	<10	<2	<2	120	<1.0	14
597	KDS-023	<1	<0.2	9	10	38	10	18	1.83	<0.01	<10	<2	4	300	1.3	18
598	KDS-024	3	<0.2	10	12	52	30	30	2.03	0.02	<10	<2	6	260	<1.0	16
599	KDS-025	3	<0.2	8	8	34	10	22	1.87	0.01	<10	<2	4	160	1.5	20
600	KDS-026	3	<0.2	17	14	58	80	12	2.39	0.03	<10	<2	6	340	1.0	16

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2	Nb ppm 5
601	KDS-027	<1	<0.2	9	10	28	10	24	1.85	0.01	<10	<2	4	200	<1.0	16
602	KDS-028	82	<0.2	15	82	32	20	38	2.42	0.01	<10	<2	12	250	1.6	18
603	KDS-029	4	<0.2	11	38	24	10	20	1.62	<0.01	<10	<2	8	250	2.8	20
604	KDS-030	6	<0.2	11	18	28	10	12	1.92	0.01	<10	<2	6	190	1.7	18
605	KDS-031	14	<0.2	14	34	34	10	68	2.53	0.01	<10	<2	12	250	1.4	14
606	KDS-032	9	<0.2	13	34	28	20	48	2.21	0.01	<10	<2	10	230	1.9	118
607	KDS-033	12	<0.2	13	38	34	20	62	2.29	<0.01	<10	<2	14	270	2.4	16
608	KDS-034	2	<0.2	17	14	48	30	32	2.21	0.03	<10	<2	6	270	1.5	8
609	KDS-035	2	<0.2	23	22	80	20	34	3.66	0.01	<10	<2	8	300	<1.0	10
610	KDS-036	3	<0.2	18	14	62	30	20	3.15	0.02	<10	<2	4	280	1.3	12
611	KDS-037	<1	<0.2	15	22	44	20	16	3.08	0.01	<10	<2	6	210	1.3	18
612	KDS-038	<1	<0.2	16	16	50	20	26	2.63	0.01	<10	<2	6	220	1.2	14
613	KDS-039	2	<0.2	18	20	54	20	28	2.97	0.02	<10	<2	4	240	1.9	12
614	KDS-040	2	<0.2	14	16	42	20	22	2.47	0.01	<10	<2	4	200	1.0	14
615	KDS-041	3	<0.2	15	122	56	10	40	2.16	<0.01	<10	<2	4	850	4.2	24
616	KDS-042	2	<0.2	17	72	64	10	38	2.27	<0.01	<10	<2	4	270	1.8	14
617	KDS-043	<1	<0.2	15	124	50	10	16	1.84	0.01	<10	<2	4	300	5.2	32
618	KDS-044	<1	<0.2	15	158	56	10	6	1.92	<0.01	<10	<2	4	330	6.3	32
619	KDS-045	<1	<0.2	13	108	44	10	4	1.82	<0.01	<10	<2	4	390	7.3	42
620	KDS-046	<1	<0.2	6	78	22	20	2	0.95	<0.01	<10	<2	2	360	13.0	70
621	KDS-047	<1	<0.2	<1	40	8	10	4	0.36	<0.01	<10	<2	<2	340	12.0	70
622	KDS-048	1	<0.2	19	16	58	80	10	2.36	0.03	<10	<2	10	340	1.5	166
623	KDS-049	<1	<0.2	29	22	84	10	<2	3.74	0.01	<10	<2	18	320	1.5	14

Appendix 6 Chemical data of stream sediments in Ratchaburi area (1)

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
1	A-001	<1	<0.2	1	8	14	10	<2	0.15	0.01	<10	110	<2	250	88.0	248
2	A-002	1	<0.2	3	24	32	30	<2	0.34	0.02	<10	43	<2	430	32.0	126
3	A-003	<1	<0.2	4	24	40	10	4	0.42	0.02	<10	9	<2	330	11.0	54
4	A-004	<1	<0.2	4	18	36	10	4	0.38	0.01	<10	5	<2	210	16.0	72
5	A-005	<1	<0.2	2	12	16	10	<2	0.17	0.01	<10	90	<2	270	85.0	292
6	A-006	<1	<0.2	2	12	28	10	<2	0.26	0.01	<10	5	<2	260	27.0	132
7	A-007	<1	<0.2	4	24	30	20	<2	0.31	0.02	<10	43	<2	530	61.0	178
8	A-008	<1	<0.2	3	14	28	10	4	0.36	0.01	<10	5	<2	300	12.0	60
9	A-009	<1	<0.2	3	14	30	<10	2	0.32	0.01	<10	4	<2	280	16.0	80
10	A-010	<1	<0.2	2	14	22	10	2	0.33	0.01	<10	20	<2	250	31.0	102
11	A-011	<1	<0.2	3	16	34	20	2	0.36	0.01	<10	7	<2	260	11.0	42
12	A-012	<1	<0.2	4	6	8	10	58	0.52	<0.01	<10	50	<2	370	30.0	86
13	A-013	<1	<0.2	2	4	14	10	18	0.46	<0.01	<10	210	<2	300	36.0	82
14	A-014	<1	<0.2	3	8	20	10	4	0.63	0.01	10	230	<2	340	49.0	108
15	A-015	2	<0.2	6	14	36	10	2	0.39	<0.01	<10	2000	<2	970	163.0	152
16	A-016	<1	<0.2	4	10	22	10	6	0.70	0.01	20	470	<2	330	64.0	90
17	A-017	<1	<0.2	3	18	30	10	6	0.34	0.01	60	2000	<2	1050	536.0	396
18	A-018	<1	<0.2	3	18	40	10	4	0.37	<0.01	20	2000	<2	1080	120.0	196
19	A-019	<1	<0.2	3	18	40	10	6	0.43	<0.01	<10	600	<2	950	76.0	114
20	A-020	<1	<0.2	3	10	24	10	<2	0.33	0.01	<10	240	<2	1260	45.0	72
21	A-021	<1	<0.2	2	18	32	20	<2	0.40	0.01	<10	9	<2	380	25.0	114
22	A-022	<1	<0.2	2	16	50	20	6	0.50	0.02	<10	20	<2	820	18.0	72
23	A-023	<1	<0.2	1	12	24	10	2	0.33	<0.01	<10	23	<2	250	37.0	104
24	A-024	<1	<0.2	<1	12	12	<10	<2	0.22	<0.01	<10	10	<2	130	14.0	40
25	A-025	<1	<0.2	1	10	14	10	<2	0.21	0.01	<10	22	<2	240	34.0	82
26	A-026	<1	<0.2	1	10	12	<10	2	0.17	<0.01	<10	3	<2	170	6.0	32
27	A-027	<1	<0.2	4	14	20	10	2	0.41	0.01	<10	8	<2	280	20.0	72
28	A-028	<1	<0.2	13	14	24	<10	4	0.46	<0.01	<10	10	<2	280	25.0	84
29	B-001	<1	<0.2	8	16	18	10	86	1.39	<0.01	<10	4	<2	280	1.7	14
30	B-002	<1	<0.2	2	2	6	<10	20	0.51	<0.01	<10	350	<2	180	39.0	30
31	B-003	<1	<0.2	2	2	6	10	28	0.46	<0.01	<10	4	<2	150	2.9	10
32	B-004	<1	<0.2	3	8	16	10	56	0.67	0.01	10	88	<2	320	16.0	34
33	B-005	<1	<0.2	5	8	20	10	104	0.81	0.01	<10	47	<2	210	4.2	12
34	B-006	<1	<0.2	4	12	22	<10	52	0.71	0.01	10	21	<2	360	13.0	38
35	B-007	<1	<0.2	5	16	26	10	70	0.86	<0.01	10	48	<2	640	18.0	58
36	B-008	<1	<0.2	2	8	20	10	<2	0.23	0.01	<10	62	<2	630	30.0	104
37	B-009	<1	<0.2	2	8	22	10	<2	0.25	0.01	20	420	<2	690	106.0	226
38	B-010	<1	<0.2	3	12	24	10	<2	0.33	0.01	30	500	<2	880	147.0	280
39	B-011	1	<0.2	2	20	26	10	<2	0.25	0.01	50	880	<2	590	228.0	452
40	B-012	2	<0.2	2	6	20	<10	<2	0.23	0.01	30	440	<2	480	63.0	156
41	B-013	<1	<0.2	3	16	30	20	2	0.36	0.01	10	500	<2	450	70.0	128
42	B-014	<1	<0.2	3	20	22	20	<2	0.20	0.01	20	760	<2	440	96.0	170
43	B-015	<1	<0.2	3	12	18	10	2	0.13	0.01	<10	4	<2	480	39.0	102
44	B-016	<1	<0.2	2	16	24	<10	<2	0.18	0.01	10	380	<2	410	75.0	124
45	B-017	<1	<0.2	4	14	24	10	<2	0.14	0.01	<10	290	<2	490	76.0	234
46	B-018	<1	<0.2	2	14	28	10	<2	0.36	0.01	10	330	<2	480	44.0	110
47	B-019	<1	<0.2	3	12	28	<10	<2	0.19	<0.01	<10	7	<2	410	35.0	124
48	B-020	<1	<0.2	2	10	16	10	2	0.31	<0.01	50	860	<2	350	123.0	268
49	B-021	<1	<0.2	1	8	20	10	<2	0.20	0.01	<10	35	<2	290	16.0	34
50	B-022	<1	<0.2	1	10	22	10	<2	0.24	0.01	<10	24	<2	370	27.0	74
51	B-023	<1	<0.2	29	78	162	20	98	2.51	0.02	<10	210	<2	660	3.4	22
52	B-024	<1	<0.2	2	10	16	<10	14	0.34	<0.01	30	90	<2	400	44.0	104
53	B-025	<1	<0.2	3	18	40	10	8	0.37	0.01	10	160	<2	880	51.0	138
54	B-026	<1	<0.2	2	24	50	30	22	0.58	<0.01	<10	24	<2	1100	31.0	88
55	B-027	<1	<0.2	2	18	30	10	8	0.38	0.01	20	320	<2	690	71.0	154
56	B-028	<1	<0.2	4	22	60	20	20	0.61	<0.01	<10	35	<2	730	26.0	74
57	B-029	<1	<0.2	2	14	26	10	12	0.34	0.01	20	140	<2	820	74.0	156
58	B-030	<1	<0.2	1	14	26	10	10	0.32	<0.01	40	310	<2	650	82.0	178
59	B-031	<1	<0.2	3	18	38	20	10	0.47	<0.01	20	290	<2	770	59.0	144
60	B-032	<1	<0.2	3	18	44	10	16	0.48	<0.01	10	70	<2	700	52.0	124
61	B-033	<1	<0.2	1	12	16	<10	<2	0.27	<0.01	<10	190	<2	590	38.0	126
62	B-034	<1	<0.2	2	18	30	10	<2	0.43	0.01	<10	210	<2	720	55.0	150
63	B-035	<1	<0.2	4	12	16	10	16	0.78	<0.01	<10	140	<2	450	28.0	132
64	B-036	<1	<0.2	4	12	18	10	18	0.89	0.01	<10	70	<2	420	23.0	76
65	B-037	<1	<0.2	8	22	32	10	20	1.13	0.01	<10	<2	<2	170	1.9	18
66	B-038	<1	<0.2	1	22	40	20	30	0.50	0.01	<10	<2	<2	200	1.4	18
67	B-039	<1	<0.2	1	10	18	10	<2	0.30	<0.01	<10	4	<2	170	1.3	18
68	B-040	<1	<0.2	2	16	28	<10	<2	0.55	<0.01	<10	15	<2	210	2.5	18
69	B-041	<1	<0.2	2	6	8	10	6	0.46	0.01	<10	5	<2	380	2.8	20
70	B-042	<1	<0.2	4	12	18	10	10	0.62	0.02	<10	32	<2	1150	29.0	74
71	C-001	<1	<0.2	6	18	24	10	22	0.90	<0.01	10	140	<2	300	4.8	20
72	C-002	<1	<0.2	7	24	34	10	32	0.92	0.01	10	210	<2	310	8.2	24
73	C-003	<1	<0.2	6	24	30	10	24	0.85	0.01	10	220	<2	280	5.1	20
74	C-004	<1	<0.2	4	18	20	10	22	0.73	0.01	20	770	<2	260	11.0	30
75	C-005	<1	<0.2	4	20	20	<10	22	0.72	0.01	20	2000	<2	280	11.0	34
76	C-006	<1	<0.2	4	12	14	<10	16	0.51	0.01	<10	200	<2	260	6.3	20
77	C-007	<1	<0.2	5	12	44	20	6	0.90	0.02	<10	3	<2	170	<1.0	14
78	C-008	<1	<0.2	4	12	26	10	10	0.63	0.02	<10	<2	<2	180	1.5	14
79	C-009	2	<0.2	8	110	134	40	34	1.20	0.03	<10	57	<2	240	1.1	14
80	C-010	3	<0.2	1	12	16	<10	6	0.33	<0.01	60	690	<2	270	316.0	714
81	C-011	3	<0.2	2	8	16	10	10	0.37	0.01	50	530	2	340	109.0	254
82	C-012	<1	<0.2	2	6	18	10	2	0.41	<0.01	110	2000	<2	310	297.0	700
83	C-013	<1	<0.2	3	8	18	10	8	0.51	<0.01	10	260	<2	350	44.0	130
84	C-014	<1	0.2	4	158	26	10	82	0.54	<0.01	60	280	<2	1300	50.0	144
85	C-015	<1	<0.2	4	16	30	<10	58	0.59	<0.01	<10	23	<2	460	17.0	56
86	C-016	<1	0.4	6	14	60	10	<2	0.66	<0.01	<10	280	<2	500	58.0	180
87	C-017	<1	<0.2	6	14	66	10	<2	0.56	<0.01	<10	52	<2	510	50.0	130
88	C-018	<1	<0.2	15	20	44	10	76	2.12	<0.01	20	220	2	580	18.0	28
89	C-019	<1	<0.2	4	18	24	<10	4	0.70	<0.01	30	790	<2	1100	91.0	178
90	C-020	<1	<0.2	5	14	26	10	16	0.86	<0.01	40	580	<2	650	72.0	134
91	C-021	<1	<0.2	4	10	22	10	10	0.82	<0.01	10	150	<2	470	18.0	50
92	C-022	<1	<0.2	3	12	20	<10	12	0.76	<0.01	20	700	<2	330	55.0	90
93	C-023	<1	<0.2	14	16	26	10	18	1.09	0.02	20	490	2	240	49.0	76
94	C-024	<1	<0.2	1	8	12	10	12	0.19	<0.01	10	370	<2	420	76.0	162
95	C-025	<1	<0.2	1	4	8	<10	2	0.16	0.01	<10	53	<2	270	26.0	66
96	C-026	<1	<0.2	2	22	30	10	6	0.46	<0.01	20	940	<2	950	159.0	154
97	C-027	3	0.2	2	14	24	10	4	0.28	<0.01	10	350	<2	500	92.0	132
98	C-028	<1	0.4	2	16	28	10	4	0.28	<0.01	20	300	<2	450	126.0	230
99	C-029	<1	0.4	2	10	30	10	<2	0.28	<0.01	40	2000	<2	700	272.0	342
100	C-030	<1	<0.2	3	22	36	10	4	0.40	<0.01	40	750	<2	630	252.0	246

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
101	C-031	<1	<0.2	4	8	24	10	4	0.77	<0.01	20	290	<2	370	70.0	114
102	C-032	<1	<0.2	4	8	24	10	8	0.84	<0.01	<10	210	<2	330	33.0	54
103	C-033	<1	<0.2	4	6	20	10	6	0.75	<0.01	<10	37	<2	340	22.0	42
104	C-034	<1	<0.2	4	8	22	10	6	0.84	<0.01	<10	24	<2	260	14.0	36
105	C-035	<1	<0.2	3	12	22	10	8	0.34	<0.01	<10	260	<2	380	48.0	118
106	C-036	<1	<0.2	3	6	22	10	10	0.78	<0.01	10	100	2	310	26.0	48
107	C-037	<1	<0.2	3	6	20	<10	2	0.68	<0.01	<10	45	<2	540	23.0	62
108	C-038	<1	<0.2	4	8	20	<10	2	1.02	<0.01	<10	<2	<2	180	1.5	20
109	C-039	<1	<0.2	9	14	24	10	16	1.27	<0.01	<10	65	2	280	12.0	24
110	C-040	<1	<0.2	2	10	20	10	2	0.20	0.01	<10	180	<2	460	56.0	104
111	C-041	<1	<0.2	3	12	20	10	2	0.19	<0.01	<10	100	<2	480	25.0	66
112	C-042	<1	<0.2	2	8	18	<10	2	0.16	<0.01	<10	93	<2	350	18.0	62
113	C-043	<1	<0.2	2	6	10	10	<2	0.11	<0.01	<10	430	<2	440	85.0	160
114	C-044	<1	<0.2	2	12	8	<10	2	0.12	<0.01	<10	120	<2	400	38.0	78
115	C-045	<1	<0.2	4	16	18	10	4	0.18	<0.01	10	280	<2	530	59.0	120
116	C-046	<1	<0.2	5	10	46	10	<2	0.40	<0.01	<10	34	<2	410	30.0	78
117	C-047	<1	<0.2	1	4	30	10	6	0.58	<0.01	<10	72	<2	410	24.0	80
118	C-048	<1	0.2	12	12	54	10	2	0.38	<0.01	10	420	<2	610	88.0	172
119	C-049	<1	0.2	3	6	32	<10	<2	0.34	0.01	<10	34	<2	400	16.0	70
120	C-050	12	0.2	3	16	42	10	6	0.43	<0.01	<10	880	<2	700	177.0	328
121	C-051	<1	0.2	5	18	66	10	2	0.56	0.01	10	2000	<2	750	353.0	690
122	C-052	<1	0.2	4	8	44	10	2	0.35	0.01	<10	110	<2	710	53.0	122
123	C-053	<1	0.2	4	18	62	10	<2	0.46	<0.01	10	2000	<2	630	708.0	714
124	C-054	<1	<0.2	7	10	22	10	6	1.08	0.01	<10	10	<2	220	2.3	14
125	C-055	<1	<0.2	9	8	30	20	6	1.33	0.02	<10	10	2	360	3.7	18
126	D-001	<1	0.2	2	6	18	10	2	0.26	0.01	20	660	<2	470	176.0	246
127	D-002	<1	0.2	3	16	32	10	2	0.33	0.01	<10	50	<2	820	21.0	62
128	D-003	3	<0.2	1	12	16	10	2	0.18	<0.01	<10	65	2	480	37.0	80
129	D-004	<1	<0.2	1	6	16	10	2	0.18	<0.01	10	240	<2	380	57.0	114
130	D-005	<1	<0.2	3	12	18	10	8	0.52	<0.01	10	150	<2	580	31.0	58
131	D-006	<1	<0.2	1	2	10	10	8	0.28	<0.01	10	490	<2	260	66.0	108
132	D-007	<1	<0.2	2	4	8	10	6	0.34	<0.01	10	380	<2	300	75.0	120
133	D-008	<1	<0.2	4	8	8	10	20	0.71	<0.01	<10	190	<2	260	11.0	18
134	D-009	<1	<0.2	4	6	16	10	12	0.73	<0.01	<10	200	<2	360	56.0	88
135	D-010	<1	<0.2	3	4	12	10	12	0.65	0.01	<10	97	<2	260	11.0	16
136	D-011	<1	<0.2	6	12	32	10	50	0.60	0.01	<10	21	2	1300	38.0	92
137	D-012	<1	<0.2	3	6	24	10	<2	0.25	0.01	30	130	<2	720	87.0	170
138	D-013	<1	<0.2	3	14	26	10	<2	0.26	<0.01	10	100	<2	730	54.0	120
139	D-014	2	<0.2	3	4	28	10	<2	0.28	0.01	40	400	<2	740	116.0	186
140	D-015	<1	<0.2	3	8	30	10	<2	0.28	0.01	20	190	<2	890	100.0	172
141	D-016	<1	<0.2	3	12	22	10	<2	0.23	0.01	10	110	<2	700	88.0	160
142	D-017	<1	0.2	3	8	18	10	6	0.17	0.01	20	120	<2	940	116.0	192
143	D-018	<1	<0.2	6	14	54	20	<2	0.69	0.01	<10	21	<2	560	15.0	50
144	D-019	<1	0.2	7	12	74	20	6	0.69	0.01	<10	31	2	760	26.0	76
145	D-020	<1	<0.2	6	12	26	10	26	1.14	<0.01	<10	230	<2	790	32.0	62
146	D-021	<1	<0.2	4	16	24	10	16	0.75	0.01	10	660	<2	700	60.0	102
147	D-022	<1	<0.2	5	12	22	10	18	0.78	0.01	20	770	<2	1250	85.0	132
148	D-023	<1	<0.2	12	16	30	20	164	1.49	0.01	10	39	<2	10000	13.0	30
149	D-024	<1	<0.2	8	14	32	10	20	1.51	<0.01	<10	96	<2	500	24.0	46
150	D-025	<1	0.2	11	12	34	10	62	1.23	0.02	50	280	2	760	37.0	56
151	D-026	<1	<0.2	5	16	32	20	16	0.89	0.01	10	160	<2	550	25.0	66
152	D-027	<1	<0.2	18	24	46	10	6	2.59	<0.01	<10	16	<2	350	2.0	20
153	D-028	<1	<0.2	14	16	42	10	6	2.04	0.01	<10	9	2	370	2.9	20
154	D-029	<1	<0.2	18	28	46	20	6	2.55	<0.01	<10	6	<2	370	2.5	24
155	D-030	<1	<0.2	17	26	44	30	74	2.33	0.01	<10	130	2	450	8.3	20
156	D-031	<1	<0.2	3	16	30	10	18	0.56	0.01	10	150	<2	710	67.0	110
157	D-032	<1	<0.2	13	18	38	10	12	1.90	0.01	<10	68	<2	290	7.4	28
158	D-033	<1	<0.2	7	22	26	10	36	1.21	0.01	<10	4	<2	170	1.4	20
159	D-034	<1	<0.2	6	12	20	20	28	1.08	<0.01	<10	8	<2	160	1.5	18
160	D-035	<1	<0.2	8	20	30	10	10	1.46	0.01	<10	3	2	200	1.0	20
161	D-036	<1	<0.2	11	24	34	10	8	1.94	<0.01	<10	<2	2	290	1.3	20
162	D-037	<1	<0.2	11	18	36	10	12	1.53	0.01	<10	3	<2	340	2.1	22
163	D-038	<1	<0.2	13	14	74	20	18	1.77	0.02	<10	290	<2	430	39.0	48
164	D-039	<1	<0.2	13	16	46	20	20	1.75	0.01	<10	3	<2	390	3.9	24
165	D-040	<1	<0.2	14	22	48	20	22	1.98	0.01	<10	<2	2	410	2.2	22
166	D-041	1	<0.2	16	18	42	20	36	2.12	0.01	<10	6	<2	380	2.4	20
167	D-042	<1	<0.2	8	12	30	10	14	1.28	<0.01	<10	2	<2	250	3.1	18
168	D-043	<1	<0.2	3	12	44	20	<2	0.48	<0.01	<10	36	<2	750	23.0	76
169	D-044	<1	<0.2	2	10	24	10	<2	0.23	<0.01	<10	310	<2	500	58.0	142
170	D-045	<1	<0.2	6	12	36	10	<2	0.31	<0.01	<10	240	<2	590	39.0	108
171	D-046	<1	<0.2	3	4	30	10	8	0.32	<0.01	<10	130	<2	620	43.0	124
172	D-047	<1	<0.2	5	20	32	20	<2	0.33	0.02	<10	100	<2	770	78.0	168
173	D-048	<1	<0.2	2	4	26	10	<2	0.22	0.01	<10	130	<2	450	50.0	166
174	D-049	<1	<0.2	6	14	40	20	8	0.34	0.01	<10	69	<2	510	42.0	112
175	D-050	<1	<0.2	3	14	18	10	86	0.51	<0.01	<10	100	<2	650	29.0	58
176	D-051	<1	<0.2	12	22	24	10	364	1.25	0.01	30	75	<2	1400	13.0	36
177	D-052	<1	<0.2	8	12	36	20	34	0.60	0.02	10	21	<2	700	12.0	38
178	D-053	<1	<0.2	3	8	26	10	4	0.36	0.01	<10	40	<2	460	10.0	42
179	D-054	<1	<0.2	7	20	18	10	402	0.69	<0.01	670	2000	4	1600	185.0	244
180	D-055	2	<0.2	7	16	14	10	278	0.57	<0.01	540	2000	4	1400	188.0	274
181	D-056	<1	0.2	7	26	20	10	522	0.78	<0.01	70	44	<2	3000	29.0	94
182	D-057	<1	<0.2	7	22	18	10	110	0.76	<0.01	350	380	2	1300	135.0	220
183	D-058	<1	<0.2	9	26	22	10	144	1.07	<0.01	280	440	2	1400	93.0	180
184	D-059	<1	<0.2	3	18	32	10	62	0.38	0.01	30	64	<2	1000	30.0	76
185	D-060	21	<0.2	3	12	16	10	16	0.21	0.01	30	240	<2	800	74.0	132
186	E-001	4	<0.2	7	20	22	10	34	0.75	0.01	10	350	<2	400	16.0	28
187	E-002	<1	<0.2	10	24	32	20	42	0.96	0.02	10	390	<2	520	8.0	22
188	E-003	<1	<0.2	11	42	32	10	102	0.96	0.01	20	94	<2	680	7.0	20
189	E-004	3	<0.2	12	24	42	20	50	1.46	0.01	<10	200	2	560	7.2	22
190	E-005	<1	<0.2	9	24	30	20	30	1.05	0.01	10	290	2	390	6.8	24
191	E-006	<1	<0.2	6	6	24	30	34	1.03	0.01	<10	4	<2	200	1.1	16
192	E-007	<1	<0.2	7	24	26	20	30	0.94	0.01	80	2000	<2	290	29.0	44
193	E-008	<1	<0.2	14	12	38	40	10	1.45	0.05	<10	11	2	240	1.5	16
194	E-009	<1	<0.2	7	26	24	10	28	0.78	0.01	30	650	<2	300	17.0	36
195	E-010	<1	<0.2	19	42	76	30	122	2.05	<0.01	10	51	2	790	3.0	18
196	E-011	<1	<0.2	11	38	40	20	38	1.02	<0.01	50	1000	2	470	18.0	38
197	E-012	<1	<0.2	13	54	54	10	64	1.18	<0.01	40	2000	2	480	14.0	36
198	E-013	1	<0.2	10	30	36	20	38	1.10	0.01	40	2000	<2	450	23.0	40
199	E-014	1	<0.2	10	26	32	10	34	1.31	0.01	10	510	<2	530	9.1	28
200	E-015	<1	<0.2	3	12	28	10	<2	0.25	0.01	10	520	<2	870	115.0	266

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
201	E-016	<1	<0.2	7	22	56	20	16	0.47	0.01	<10	180	2	1300	63.0	124
202	E-017	<1	<0.2	3	14	28	10	2	0.23	<0.01	<10	92	<2	740	37.0	90
203	E-018	<1	0.2	3	14	38	10	2	0.28	0.01	<10	160	<2	800	40.0	96
204	E-019	<1	<0.2	1	8	24	10	<2	0.26	<0.01	<10	51	<2	880	37.0	122
205	E-020	<1	<0.2	2	6	22	10	<2	0.19	<0.01	<10	76	2	690	65.0	170
206	E-021	<1	<0.2	2	4	16	10	2	0.14	<0.01	<10	66	<2	520	46.0	90
207	E-022	<1	<0.2	1	8	14	10	<2	0.18	<0.01	<10	31	<2	770	20.0	106
208	E-023	<1	0.2	1	2	12	10	<2	0.13	<0.01	10	160	<2	480	34.0	106
209	E-024	2	<0.2	1	6	16	10	<2	0.13	<0.01	<10	300	<2	380	45.0	156
210	E-025	<1	<0.2	5	22	26	10	20	1.04	<0.01	20	2000	<2	300	76.0	72
211	E-026	<1	<0.2	7	30	34	20	34	1.44	0.01	20	2000	2	280	57.0	72
212	E-027	<1	<0.2	2	32	98	10	4	0.96	0.01	<10	12	<2	330	10.0	44
213	E-028	<1	<0.2	12	32	82	20	54	1.03	0.01	<10	920	<2	650	25.0	60
214	E-029	<1	<0.2	14	32	58	10	34	1.20	<0.01	<10	67	<2	540	6.0	26
215	E-030	<1	<0.2	4	34	38	20	42	1.16	0.01	<10	21	<2	1250	12.0	38
216	E-031	<1	0.2	3	40	38	30	78	1.23	<0.01	<10	28	<2	1300	18.0	42
217	E-032	<1	0.2	4	24	20	10	20	0.85	<0.01	30	2000	<2	270	55.0	46
218	E-033	<1	<0.2	1	12	8	20	6	0.27	<0.01	<10	40	<2	210	5.4	12
219	E-034	<1	<0.2	2	8	8	10	12	0.32	0.01	<10	44	<2	130	6.5	16
220	E-035	<1	<0.2	1	12	24	10	12	0.46	<0.01	<10	38	<2	360	30.0	78
221	E-036	<1	<0.2	1	8	20	10	2	0.21	0.01	20	270	<2	470	127.0	220
222	E-037	<1	0.2	2	14	32	10	16	0.34	0.01	<10	34	<2	600	32.0	82
223	E-038	<1	0.2	2	16	38	20	12	0.42	<0.01	30	200	<2	660	82.0	154
224	E-039	<1	<0.2	1	12	30	10	<2	0.31	0.01	10	59	<2	700	30.0	86
225	E-040	<1	0.2	2	24	60	10	20	0.68	0.01	<10	65	<2	1000	29.0	82
226	E-041	<1	0.2	3	22	46	10	20	0.55	<0.01	20	35	<2	870	33.0	99
227	E-042	<1	<0.2	1	14	22	10	<2	0.30	0.01	<10	37	<2	330	18.0	88
228	E-043	<1	<0.2	2	16	48	10	14	0.55	<0.01	<10	120	<2	610	28.0	94
229	E-044	1	<0.2	1	24	42	10	52	0.70	<0.01	<10	62	<2	1000	36.0	106
230	E-045	<1	<0.2	11	10	22	10	20	1.26	0.01	<10	57	<2	230	9.3	26
231	E-046	<1	<0.2	9	12	18	10	14	0.98	<0.01	<10	400	2	170	35.0	42
232	E-047	<1	<0.2	5	8	12	10	8	0.52	0.01	<10	360	<2	200	35.0	40
233	E-048	48	<0.2	24	26	80	10	12	1.39	<0.01	20	840	<2	580	116.0	178
234	E-049	2	<0.2	38	40	104	10	50	2.80	0.01	10	330	<2	520	73.0	76
235	E-050	<1	<0.2	9	14	50	10	30	0.92	<0.01	<10	105	<2	580	344.0	94
236	G-001	<1	<0.2	10	14	24	10	42	1.54	0.01	10	125	<2	460	10.0	18
237	G-002	<1	<0.2	9	14	26	10	60	1.71	<0.01	<10	94	<2	430	10.0	24
238	G-003	<1	<0.2	4	10	14	10	22	0.53	0.01	<10	73	<2	240	6.1	18
239	G-004	3	<0.2	1	2	4	10	16	0.20	0.01	<10	58	<2	180	7.7	22
240	G-005	<1	<0.2	2	4	8	10	30	0.45	<0.01	10	230	<2	160	14.0	30
241	G-006	<1	<0.2	2	6	10	10	26	0.58	0.01	<10	120	<2	110	3.1	10
242	G-007	<1	<0.2	4	4	14	10	44	0.87	0.01	<10	12	<2	150	1.7	12
243	G-008	47	<0.2	18	28	36	10	204	2.83	0.01	70	31	2	1000	3.3	18
244	G-009	<1	<0.2	15	24	42	20	148	2.48	0.01	<10	12	2	630	1.9	14
245	G-010	<1	<0.2	4	6	22	10	28	0.94	0.01	<10	<2	<2	290	2.3	16
246	G-011	<1	<0.2	3	14	34	20	4	0.36	<0.01	10	190	<2	540	54.0	116
247	G-012	<1	<0.2	4	10	26	20	2	0.23	<0.01	<10	150	<2	510	50.0	80
248	G-013	<1	<0.2	3	14	40	10	<2	0.34	<0.01	<10	34	<2	530	26.0	66
249	G-014	3	<0.2	8	18	20	10	<2	1.58	<0.01	10	81	2	220	25.0	48
250	G-015	<1	<0.2	3	16	28	10	<2	0.51	<0.01	<10	33	<2	340	31.0	86
251	G-016	<1	<0.2	4	12	24	10	<2	0.72	<0.01	10	205	<2	260	48.0	90
252	G-017	<1	<0.2	6	14	24	10	8	0.88	<0.01	30	390	<2	310	49.0	90
253	G-018	3	<0.2	3	12	28	20	<2	0.60	<0.01	20	470	<2	450	1,007.0	184
254	G-019	<1	<0.2	3	6	22	10	4	0.43	0.01	140	2000	<2	260	166.0	228
255	G-020	<1	<0.2	2	4	16	10	2	0.42	<0.01	<10	38	<2	270	17.0	46
256	G-021	<1	<0.2	4	14	40	20	8	0.68	0.01	<10	2000	<2	450	267.0	268
257	G-022	1	<0.2	6	20	40	20	4	0.68	<0.01	10	2000	<2	440	135.0	194
258	G-023	<1	<0.2	7	22	44	20	2	0.77	<0.01	<10	510	<2	480	41.0	96
259	G-024	<1	<0.2	2	14	26	10	4	0.38	<0.01	10	710	<2	490	87.0	206
260	G-025	<1	0.2	7	18	44	10	2	0.75	0.01	<10	320	<2	430	75.0	116
261	G-026	<1	0.2	7	22	46	10	4	0.71	<0.01	<10	990	<2	400	98.0	154
262	G-027	<1	<0.2	3	20	42	20	<2	0.64	0.01	10	2000	<2	380	171.0	522
263	G-028	<1	0.2	4	26	44	10	<2	1.00	<0.01	60	2000	<2	530	1,340.0	1040
264	G-029	<1	<0.2	2	18	28	10	2	0.54	<0.01	20	2000	<2	520	230.0	270
265	G-030	<1	<0.2	3	26	48	10	<2	0.75	<0.01	20	2000	<2	500	275.0	290
266	G-031	<1	<0.2	2	30	44	20	<2	0.69	<0.01	10	2000	<2	440	204.0	244
267	G-032	<1	<0.2	2	34	50	10	<2	0.78	<0.01	40	2000	<2	370	553.0	506
268	G-033	<1	<0.2	2	22	46	10	<2	0.55	<0.01	<10	900	<2	490	104.0	198
269	G-034	<1	<0.2	2	22	62	10	<2	0.56	<0.01	<10	710	<2	380	80.0	164
270	G-035	<1	<0.2	1	2	4	10	34	0.34	0.01	<10	130	<2	140	151.0	20
271	G-036	<1	<0.2	4	8	14	10	66	0.98	<0.01	<10	370	<2	270	53.0	52
272	G-037	<1	<0.2	2	6	12	10	26	0.66	<0.01	10	820	<2	210	966.0	66
273	G-038	<1	<0.2	2	6	22	10	12	0.55	0.01	<10	760	<2	160	94.0	64
274	G-039	<1	<0.2	4	6	14	10	2	0.81	<0.01	<10	42	<2	190	8.7	16
275	G-040	<1	<0.2	4	8	14	10	30	0.93	<0.01	<10	110	<2	160	15.0	18
276	G-041	<1	<0.2	3	8	16	20	34	0.87	<0.01	<10	430	<2	210	8.1	24
277	G-042	1	<0.2	12	18	32	10	<2	1.71	<0.01	<10	6	<2	250	1.3	18
278	G-043	<1	<0.2	7	12	26	20	<2	1.45	<0.01	<10	30	<2	240	6.7	20
279	G-044	<1	<0.2	1	8	12	10	<2	0.43	<0.01	<10	130	<2	210	74.0	186
280	G-045	2	<0.2	2	14	28	10	<2	0.71	<0.01	<10	96	<2	310	42.0	96
281	G-046	<1	<0.2	2	16	42	10	<2	0.62	<0.01	<10	160	<2	370	49.0	132
282	G-047	<1	<0.2	1	16	22	20	<2	0.52	<0.01	<10	150	<2	350	51.0	110
283	G-048	<1	<0.2	2	18	26	10	<2	0.57	<0.01	<10	110	<2	310	48.0	112
284	G-049	<1	<0.2	1	12	14	10	<2	0.43	<0.01	<10	46	<2	440	32.0	78
285	G-050	<1	<0.2	<1	8	8	10	<2	0.16	<0.01	<10	28	<2	290	24.0	60
286	G-051	<1	<0.2	2	14	26	10	2	0.37	<0.01	30	620	<2	530	208.0	336
287	G-052	<1	<0.2	2	16	24	10	<2	0.37	<0.01	20	670	<2	540	214.0	268
288	G-053	<1	<0.2	1	10	18	10	<2	0.23	<0.01	<10	56	<2	320	30.0	80
289	G-054	2	<0.2	3	20	30	10	<2	0.64	<0.01	<10	2000	<2	570	114.0	130
290	G-055	<1	<0.2	2	22	36	10	<2	0.58	<0.01	<10	440	<2	530	49.0	80
291	G-056	<1	<0.2	2	24	26	10	<2	0.50	<0.01	<10	340	<2	520	43.0	80
292	G-057	<1	<0.2	2	24	32	10	<2	0.54	0.01	<10	2000	<2	460	159.0	262
293	K-001	2	<0.2	1	10	14	10	6	0.40	<0.01	<10	22	<2	100	4.1	16
294	K-002	1	<0.2	3	16	16	10	8	0.71	<0.01	<10	71	<2	140	2.7	12
295	K-003	<1	<0.2	6	14	24	10	18	0.92	0.01	<10	750	<2	140	3.3	18
296	K-004	<1	<0.2	4	12	20	10	14	0.81	0.01	<10	580	<2	150	3.4	16
297	K-005	1	<0.2	6	14	22	10	16	1.02	<0.01	<10	3	<2	100	1.2	12
298	K-006	2	<0.2	6	8	22	20	12	0.99	<0.01	<10	2	<2	110	1.1	12
299	K-007	2	<0.2	7	16	22	20	12	1.08	0.02	<10	<2	<2	120	1.4	12
300	K-008	<1	<0.2	5	12	18	10	12	0.94	0.01	<10	<2	<2	90	<1.0	14

No.	Element / Unit / Detection limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
301	K-009	<1	<0.2	7	18	26	20	14	1.12	0.02	<10	<2	<2	120	<1.0	14
302	K-010	4	<0.2	5	12	16	30	18	0.99	0.01	<10	<2	<2	100	1.0	26
303	K-011	<1	<0.2	2	16	14	10	8	0.45	0.01	<10	450	<2	190	12.0	14
304	K-012	2	<0.2	<1	6	6	10	<2	0.29	0.01	<10	4	<2	130	2.7	<2
305	K-013	<1	<0.2	<1	14	4	10	<2	0.22	<0.01	<10	<2	<2	110	2.8	10
306	K-014	<1	<0.2	<1	8	8	10	<2	0.26	0.01	<10	<2	<2	90	3.0	10
307	K-015	1	<0.2	2	12	10	10	6	0.38	<0.01	<10	39	<2	160	5.4	14
308	K-016	<1	<0.2	2	14	16	10	6	0.45	<0.01	10	270	<2	170	9.0	24
309	K-017	<1	<0.2	2	18	18	10	18	0.46	0.01	<10	125	<2	160	5.7	16
310	K-018	<1	<0.2	2	18	20	20	20	0.66	0.01	<10	110	<2	180	11.0	36
311	K-019	<1	<0.2	<1	8	8	10	6	0.34	0.01	<10	33	<2	530	5.8	<2
312	K-020	<1	<0.2	1	12	14	10	8	0.41	0.01	<10	32	<2	140	5.2	14
313	K-021	<1	<0.2	<1	12	6	10	<2	0.35	<0.01	<10	10	<2	120	5.0	12
314	K-022	<1	<0.2	1	14	12	10	12	0.41	0.01	<10	47	<2	140	5.1	18
315	K-023	<1	<0.2	1	16	16	20	22	0.54	0.01	<10	58	<2	170	5.7	18
316	K-024	2	<0.2	4	8	20	<10	<2	0.77	0.01	<10	2	<2	110	<1.0	16
317	K-025	<1	<0.2	6	10	24	<10	6	1.09	0.01	<10	2	<2	130	1.1	16
318	K-026	96	<0.2	6	28	30	10	42	1.01	0.01	<10	22	<2	130	<1.0	14
319	K-027	<1	<0.2	5	16	22	10	10	1.04	0.01	<10	8	<2	120	1.2	16
320	K-028	<1	<0.2	1	4	6	10	6	0.32	0.01	<10	170	<2	220	2.9	10
321	K-029	<1	<0.2	3	8	12	10	22	0.56	0.01	<10	19	<2	210	1.4	10
322	K-030	<1	<0.2	3	10	16	10	30	0.74	<0.01	<10	270	<2	170	2.2	12
323	K-031	<1	<0.2	3	12	16	10	24	0.74	0.01	<10	690	<2	200	3.5	18
324	K-032	<1	<0.2	2	12	12	10	12	0.56	<0.01	<10	67	<2	1550	2.5	14
325	K-033	<1	<0.2	3	12	14	10	24	0.70	<0.01	<10	120	<2	170	2.2	12
326	K-034	2	<0.2	3	8	24	10	<2	0.20	0.02	10	195	<2	610	48.0	108
327	K-035	<1	<0.2	2	10	14	20	<2	0.19	0.01	80	940	<2	510	184.0	218
328	K-036	<1	<0.2	3	18	20	30	<2	0.29	0.01	<10	200	<2	550	48.0	68
329	K-037	<1	<0.2	2	14	16	10	<2	0.36	0.01	20	2000	<2	510	203.0	308
330	K-038	1	<0.2	4	14	22	20	<2	0.22	0.01	<10	100	<2	520	30.0	68
331	K-039	1	<0.2	3	24	22	10	<2	0.57	0.01	20	530	<2	470	70.0	94
332	K-040	<1	<0.2	2	16	18	10	<2	0.37	<0.01	30	760	<2	450	91.0	192
333	K-041	<1	<0.2	1	14	8	10	2	0.26	<0.01	40	380	<2	300	36.0	18
334	K-042	<1	<0.2	1	12	8	10	2	0.25	0.01	<10	220	<2	360	31.0	30
335	K-043	<1	<0.2	1	16	12	10	6	0.28	0.01	50	2000	<2	450	69.0	76
336	K-044	<1	<0.2	1	18	8	20	4	0.26	0.01	50	830	<2	440	60.0	60
337	K-045	3	<0.2	2	18	14	10	6	0.28	0.01	10	360	<2	530	35.0	42
338	K-046	<1	<0.2	1	8	10	10	6	0.30	<0.01	<10	420	<2	360	54.0	62
339	K-047	<1	<0.2	1	12	12	10	2	0.30	0.01	<10	330	<2	310	33.0	50
340	K-048	4	<0.2	19	48	132	50	48	2.57	0.02	<10	73	<2	350	1.6	16
341	K-049	<1	<0.2	12	38	60	20	14	1.44	0.01	<10	180	<2	320	1.7	16
342	K-050	<1	<0.2	11	40	52	50	54	1.57	0.02	<10	100	<2	660	3.6	22
343	K-051	10	<0.2	4	26	16	10	16	0.56	0.01	<10	50	<2	470	5.7	22
344	K-052	12	<0.2	3	18	14	10	6	0.47	<0.01	<10	410	<2	270	13.0	30
345	K-053	1	<0.2	1	12	4	10	12	0.34	0.01	<10	97	<2	180	6.0	16
346	K-054	2	<0.2	1	10	4	10	2	0.22	0.01	<10	410	<2	220	8.2	26
347	K-055	<1	<0.2	<1	6	2	<10	2	0.17	<0.01	<10	25	<2	100	3.4	22
348	K-056	<1	<0.2	1	8	2	10	6	0.22	<0.01	<10	730	<2	180	13.0	28
349	K-057	<1	<0.2	1	12	4	10	16	0.38	<0.01	<10	780	<2	200	14.0	28
350	K-058	<1	<0.2	<1	8	<2	10	4	0.18	<0.01	<10	120	<2	90	6.9	14
351	K-059	<1	<0.2	1	8	4	10	14	0.34	<0.01	<10	54	<2	150	7.0	18
352	K-060	1	<0.2	3	18	28	10	30	1.05	<0.01	<10	11	<2	110	1.2	14
353	K-061	<1	<0.2	2	8	12	10	8	0.57	<0.01	<10	16	<2	90	<1.0	12
354	K-062	<1	<0.2	1	8	4	10	6	0.44	<0.01	<10	12	<2	70	1.1	14
355	K-063	<1	<0.2	1	8	4	10	8	0.38	<0.01	<10	22	<2	90	2.8	12
356	K-064	<1	<0.2	1	12	4	10	14	0.34	<0.01	<10	230	<2	200	21.0	36
357	K-065	<1	<0.2	1	10	8	20	20	0.37	<0.01	<10	70	<2	160	5.9	18
358	K-066	<1	<0.2	1	6	8	<10	8	0.39	<0.01	<10	27	<2	140	4.5	14
359	K-067	<1	<0.2	1	6	8	10	8	0.43	<0.01	<10	13	<2	140	3.7	10
360	K-068	<1	<0.2	1	8	8	10	4	0.33	<0.01	<10	50	<2	140	5.6	14
361	K-069	<1	<0.2	2	22	16	10	14	0.55	<0.01	<10	400	<2	250	12.0	36
362	K-070	<1	<0.2	7	24	36	10	36	0.99	0.01	<10	290	<2	370	10.0	20
363	K-071	<1	<0.2	5	22	24	10	28	0.79	<0.01	20	430	<2	310	13.0	32
364	K-072	<1	<0.2	14	64	82	30	68	1.20	0.01	<10	190	<2	1000	5.9	19
365	K-073	1	<0.2	15	62	50	30	60	1.27	0.02	<10	480	<2	850	6.8	22
366	K-074	<1	<0.2	13	62	54	40	40	1.28	0.01	<10	115	<2	350	3.2	14
367	K-075	<1	<0.2	2	2	6	10	<2	0.41	<0.01	<10	215	<2	130	3.0	12
368	K-076	1	<0.2	6	24	26	20	20	0.88	0.01	<10	260	<2	360	8.2	20
369	K-077	<1	<0.2	6	16	22	10	<2	1.24	<0.01	<10	18	<2	130	1.2	16
370	K-078	<1	<0.2	6	14	26	10	16	1.09	0.01	<10	54	<2	150	6.1	16
371	K-079	<1	<0.2	11	24	46	20	10	1.97	0.01	<10	<2	<2	290	2.3	18
372	K-080	<1	<0.2	7	16	24	10	18	1.02	0.02	<10	13	<2	180	4.9	14
373	K-081	<1	<0.2	6	14	24	10	18	0.96	0.02	<10	177	<2	190	5.1	14
374	K-082	<1	<0.2	7	14	28	5000	20	1.18	0.01	<10	54	<2	190	3.5	16
375	K-083	<1	<0.2	4	10	16	20	14	0.87	0.01	<10	5	<2	140	1.7	16
376	K-084	<1	<0.2	2	28	22	10	<2	0.51	<0.01	<10	180	<2	130	26.0	48
377	K-085	<1	<0.2	8	28	24	10	<2	0.58	<0.01	<10	110	<2	210	20.0	56
378	K-086	<1	<0.2	8	34	38	10	<2	0.68	<0.01	<10	120	<2	270	29.0	62
379	K-087	<1	<0.2	6	30	52	10	<2	0.98	<0.01	<10	2000	<2	320	24.0	68
380	K-088	<1	<0.2	4	30	54	10	<2	1.09	<0.01	<10	43	<2	330	12.0	50
381	K-089	<1	<0.2	4	30	58	10	<2	1.11	<0.01	<10	42	<2	400	16.0	46
382	K-090	<1	<0.2	4	30	50	<10	<2	0.92	<0.01	10	2000	<2	430	538.0	470
383	K-091	1	<0.2	4	56	62	10	8	1.10	<0.01	<10	340	<2	440	35.0	49
384	K-092	<1	<0.2	3	18	44	20	<2	0.90	<0.01	<10	230	<2	520	33.0	64
385	K-093	<1	<0.2	3	22	44	10	2	0.99	<0.01	10	2000	<2	520	379.0	398
386	K-094	<1	<0.2	2	14	36	10	2	0.79	<0.01	<10	2000	<2	390	115.0	254
387	K-095	<1	<0.2	2	12	36	10	<2	0.72	<0.01	10	2000	<2	360	342.0	406
388	K-096	<1	<0.2	3	26	44	10	6	1.03	<0.01	70	2000	<2	330	2,080.0	1645
389	K-097	<1	<0.2	<1	2	4	10	<2	0.10	<0.01	<10	36	<2	120	4.4	20
390	K-098	<1	<0.2	<1	6	4	10	18	0.30	<0.01	<10	8	<2	130	2.3	14
391	K-099	<1	<0.2	<1	4	6	10	8	0.23	<0.01	<10	145	<2	130	10.0	26
392	K-100	<1	<0.2	1	14	8	10	38	0.48	<0.01	<10	82	<2	180	7.3	22
393	K-101	<1	<0.2	<1	4	2	10	<2	0.15	0.01	<10	41	<2	70	6.4	30
394	K-102	<1	<0.2	<1	6	6	20	<2	0.31	<0.01	<10	14	<2	110	4.4	24
395	K-103	<1	<0.2	1	6	8	10	<2	0.38	<0.01	<10	570	<2	130	28.0	56
396	K-104	<1	<0.2	1	6	8	10	2	0.33	<0.01	<10	47	<2	130	12.0	36
397	K-105	<1	<0.2	1	10	8	10	2	0.34	<0.01	<10	25	<2	120	4.1	18
398	K-106	<1	<0.2	1	6	8	10	<2	0.33	<0.01	<10	19	<2	260	5.0	20
399	K-107	1	<0.2	1	10	8	10	4	0.47	<0.01	<10	80	<2	160	6.2	4
400	K-108	<1	<0.2	<1	6	6	10	2	0.34	<0.01	<10	32	<2	90	5.2	16

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
401	K-109	<1	<0.2	<1	6	2	10	4	0.26	<0.01	<10	11	<2	150	3.1	10
402	K-110	<1	<0.2	1	6	6	20	<2	0.30	<0.01	<10	25	<2	260	6.5	18
403	K-111	2	<0.2	8	22	32	10	12	1.71	0.02	<10	14	<2	210	4.7	20
404	K-112	1	<0.2	7	14	26	10	14	1.43	0.01	<10	6	<2	260	1.4	16
405	K-113	<1	<0.2	8	16	26	10	20	1.48	0.01	<10	12	<2	260	2.1	18
406	K-114	<1	<0.2	8	18	28	10	14	1.46	0.04	<10	140	<2	240	10.0	24
407	K-115	<1	<0.2	5	14	18	10	4	1.22	0.01	<10	12	2	200	2.2	16
408	K-116	<1	<0.2	7	20	30	20	<2	1.51	0.01	<10	6	<2	260	1.1	14
409	K-117	<1	<0.2	8	22	30	10	<2	1.61	0.01	<10	5	<2	290	1.7	16
410	K-118	<1	<0.2	<1	8	20	10	<2	0.28	<0.01	<10	35	<2	370	69.0	110
411	K-119	<1	<0.2	1	8	18	10	<2	0.38	<0.01	<10	50	<2	230	32.0	68
412	K-120	<1	<0.2	1	6	12	10	<2	0.36	<0.01	<10	11	<2	260	14.0	44
413	K-121	<1	<0.2	2	32	38	10	<2	1.11	<0.01	10	2000	<2	900	346.0	392
414	K-122	<1	<0.2	2	30	40	10	<2	1.00	<0.01	<10	2000	<2	1000	241.0	238
415	K-123	1	<0.2	1	22	10	20	2	0.44	<0.01	<10	320	<2	650	48.0	102
416	K-124	<1	<0.2	1	20	20	10	<2	0.59	<0.01	10	2000	<2	600	226.0	276
417	T-001	1	<0.2	7	12	20	10	14	1.13	0.01	<10	<2	<2	130	1.2	14
418	T-002	<1	<0.2	7	12	24	30	20	1.29	0.01	<10	<2	<2	150	1.1	16
419	T-003	106	<0.2	8	14	28	10	18	1.18	0.01	<10	270	<2	180	1.2	16
420	T-004	146	<0.2	9	18	36	10	20	1.33	0.01	<10	360	<2	200	1.1	16
421	T-005	2	<0.2	8	16	28	10	28	1.27	0.01	<10	380	<2	190	1.9	16
422	T-006	3	<0.2	3	18	16	10	12	0.56	<0.01	<10	130	<2	210	5.3	20
423	T-007	4	<0.2	5	20	24	10	26	0.79	<0.01	<10	16	<2	190	2.0	18
424	T-008	<1	<0.2	7	20	34	20	22	1.00	0.01	<10	51	<2	360	<1.0	14
425	T-009	1	<0.2	5	20	34	10	20	0.91	0.01	<10	200	<2	800	1.1	16
426	T-010	<1	<0.2	5	16	40	10	16	0.90	0.02	<10	145	<2	360	<1.0	16
427	T-011	1	<0.2	8	24	38	10	28	1.25	0.01	<10	25	<2	280	1.4	16
428	T-012	<1	<0.2	8	26	36	10	26	1.11	0.01	<10	86	<2	350	1.5	18
429	T-013	<1	<0.2	6	24	34	10	22	1.09	0.01	<10	13	<2	210	1.5	16
430	T-014	<1	<0.2	4	24	24	20	24	0.57	0.01	<10	670	<2	260	3.5	24
431	T-015	1	<0.2	6	26	32	10	22	1.10	0.01	<10	46	<2	280	1.6	18
432	T-016	<1	<0.2	6	42	34	10	22	0.72	<0.01	<10	270	<2	250	3.5	18
433	T-017	<1	<0.2	4	16	26	10	16	0.88	0.01	<10	12	<2	230	<1.0	16
434	T-018	<1	<0.2	6	14	26	10	16	0.97	0.01	<10	<2	<2	160	<1.0	18
435	T-019	2	<0.2	5	16	26	10	16	1.00	<0.01	<10	22	<2	150	<1.0	16
436	T-020	<1	<0.2	5	8	20	10	12	0.93	0.01	<10	2	<2	160	1.1	16
437	T-021	2	<0.2	5	10	24	20	18	0.94	0.01	<10	2	<2	140	<1.0	12
438	T-022	2	<0.2	3	12	18	10	14	0.71	<0.01	<10	<2	<2	130	<1.0	12
439	T-023	<1	<0.2	7	18	32	10	28	1.38	0.01	<10	2	<2	180	<1.0	14
440	T-024	4	<0.2	3	8	14	10	14	0.64	<0.01	<10	4	<2	110	1.1	14
441	T-025	4	<0.2	5	16	18	20	16	1.20	<0.01	<10	33	<2	240	<1.0	12
442	T-026	<1	<0.2	3	22	12	20	6	0.27	0.01	<10	230	<2	570	20.0	34
443	T-027	<1	<0.2	2	22	12	10	2	0.25	<0.01	<10	110	<2	280	19.0	48
444	T-028	3	<0.2	1	12	6	10	6	0.10	<0.01	<10	43	<2	340	10.0	14
445	T-029	5	<0.2	2	16	8	20	6	0.26	0.01	<10	215	<2	470	20.0	32
446	T-030	<1	<0.2	3	22	16	10	6	0.34	0.01	<10	150	<2	570	31.0	44
447	T-031	2	<0.2	6	42	34	30	22	0.75	0.02	<10	18	<2	800	7.4	16
448	T-032	4	<0.2	6	26	28	10	12	0.42	0.01	<10	49	<2	420	17.0	28
449	T-033	8	<0.2	2	14	12	10	4	0.19	<0.01	<10	65	<2	350	13.0	24
450	T-034	<1	<0.2	1	18	10	10	4	0.24	<0.01	10	120	<2	360	11.0	28
451	T-035	1	<0.2	2	12	14	20	8	0.61	<0.01	10	94	<2	300	12.0	30
452	T-036	<1	<0.2	2	22	20	10	8	0.59	<0.01	20	290	<2	210	14.0	32
453	T-037	<1	<0.2	2	18	16	20	6	0.51	<0.01	10	81	<2	220	10.0	24
454	T-038	<1	<0.2	1	8	10	20	6	0.40	<0.01	10	70	<2	220	8.5	26
455	T-039	<1	<0.2	5	18	18	10	16	0.82	0.01	<10	2	<2	190	2.0	12
456	T-040	21	<0.2	3	20	18	10	12	0.60	<0.01	10	100	<2	350	10.0	24
457	T-041	2	<0.2	2	8	14	10	12	0.44	<0.01	20	280	<2	250	21.0	40
458	T-042	2	<0.2	2	16	16	10	14	0.48	<0.01	<10	29	2	260	7.1	20
459	T-043	<1	<0.2	1	8	12	10	6	0.39	<0.01	10	200	<2	210	14.0	34
460	T-044	<1	<0.2	2	12	16	10	36	0.45	<0.01	<10	81	2	140	4.8	18
461	T-045	<1	<0.2	1	6	10	10	2	0.31	<0.01	10	245	2	200	20.0	42
462	T-046	<1	<0.2	1	4	8	10	6	0.31	<0.01	10	220	2	200	12.0	32
463	T-047	<1	<0.2	<1	6	4	20	2	0.31	<0.01	<10	13	<2	160	4.8	8
464	T-048	<1	<0.2	1	6	8	10	6	0.32	0.01	<10	15	<2	180	3.7	10
465	T-049	<1	<0.2	1	6	8	20	8	0.33	<0.01	<10	8	2	170	2.9	10
466	T-050	<1	<0.2	<1	6	6	10	<2	0.34	0.01	<10	14	<2	150	3.2	24
467	T-051	<1	<0.2	<1	6	4	10	<2	0.34	<0.01	<10	6	<2	130	3.9	30
468	T-052	<1	<0.2	<1	6	4	10	<2	0.28	<0.01	<10	22	<2	130	4.6	28
469	T-053	<1	<0.2	3	22	22	10	18	0.49	<0.01	<10	47	2	170	2.9	14
470	T-054	<1	<0.2	2	14	14	10	10	0.45	<0.01	<10	140	2	180	4.0	20
471	T-055	<1	<0.2	3	14	16	20	18	0.55	0.01	<10	26	<2	210	2.6	16
472	T-056	<1	<0.2	2	8	12	10	18	0.47	<0.01	<10	43	<2	210	2.5	18
473	T-057	<1	<0.2	<1	6	6	20	2	0.25	<0.01	<10	105	2	130	11.0	34
474	T-058	<1	0.2	6	14	32	20	20	0.87	0.01	<10	16	2	950	16.0	78
475	T-059	<1	<0.2	4	6	16	10	4	0.83	0.01	<10	25	<2	300	19.0	50
476	T-060	<1	<0.2	2	<2	10	10	4	0.49	<0.01	<10	62	<2	250	16.0	60
477	T-061	<1	<0.2	1	2	6	10	122	0.47	<0.01	<10	160	<2	270	30.0	62
478	T-062	<1	<0.2	1	6	6	10	56	0.40	<0.01	<10	92	2	300	21.0	62
479	T-063	<1	<0.2	2	16	10	10	4	0.20	<0.01	<10	370	2	220	58.0	146
480	T-064	<1	<0.2	1	4	6	10	4	0.22	<0.01	<10	26	<2	290	7.4	32
481	T-065	<1	<0.2	1	4	12	10	6	0.21	<0.01	<10	160	2	440	22.0	94
482	T-066	<1	<0.2	1	4	14	10	<2	0.21	<0.01	<10	44	<2	350	15.0	54
483	T-067	<1	<0.2	2	10	24	10	<2	0.15	<0.01	10	2000	<2	910	101.0	360
484	T-068	<1	<0.2	1	8	22	10	<2	0.15	<0.01	<10	200	2	1200	54.0	206
485	T-069	<1	<0.2	2	4	18	10	<2	0.12	<0.01	<10	520	<2	730	81.0	274
486	T-070	<1	<0.2	2	6	20	10	<2	0.13	<0.01	<10	980	<2	950	152.0	464
487	T-071	<1	<0.2	1	6	16	10	<2	0.10	<0.01	<10	400	<2	1040	82.0	274
488	T-072	<1	<0.2	4	4	36	20	<2	0.10	<0.01	20	2000	2	700	330.0	858
489	T-073	<1	<0.2	3	18	24	20	4	0.70	<0.01	20	2000	<2	800	215.0	328
490	T-074	<1	0.2	3	10	20	10	<2	0.33	<0.01	30	2000	<2	1130	1,110.0	1285
491	T-075	<1	0.2	2	4	24	10	<2	0.15	<0.01	<10	150	<2	720	47.0	148
492	T-076	<1	0.2	3	16	26	10	4	0.68	<0.01	20	2000	2	900	303.0	402
493	T-077	<1	0.4	3	16	26	10	2	0.74	<0.01	40	2000	2	820	842.0	792
494	T-078	2	0.4	4	14	26	10	6	0.83	<0.01	70	2000	<2	830	730.0	888
495	T-079	<1	<0.2	3	18	24	10	4	0.64	<0.01	10	2000	2	800	80.0	202
496	T-080	<1	<0.2	9	8	24	10	20	1.72	<0.01	<10	8	<2	320	1.8	18
497	T-081	<1	<0.2	7	8	22	10	6	1.34	0.01	<10	10	<2	200	1.6	16
498	T-082	<1	<0.2	1	2	4	10	2	0.29	0.01	<10	2	<2	130	<1.0	16
499	T-083	<1	<0.2	6	8	20	10	4	1.22	0.16	<10	<2	<2	230	<1.0	16
500	T-084	<1	<0.2	1	4	8	<10	4	0.43	0.01	<10	32	<2	160	1.1	16

No.	Element / Unit / Detectio limit / Sample No.	Au ppb 1	Ag ppm 0.2	Cu ppm 1	Pb ppm 2	Zn ppm 2	Hg ppb 10	As ppm 2	Fe % 0.01	S % Total 0.01	W ppm 10	Sn ppm 2	Sb ppm 2	F ppm 20	Ta ppm 2.0	Nb ppm 5
501	T-085	<1	<0.2	3	6	16	10	6	0.74	0.01	<10	9	<2	170	1.1	14
502	T-086	<1	<0.2	6	10	24	10	8	1.16	0.02	<10	19	<2	200	2.4	18
503	T-087	<1	<0.2	4	10	20	10	12	0.94	0.02	10	230	<2	200	4.0	22
504	T-088	<1	<0.2	3	6	18	10	6	0.89	0.01	<10	97	<2	180	2.8	18
505	T-089	<1	<0.2	3	6	18	10	6	0.82	0.01	<10	110	<2	160	6.5	20
506	T-090	<1	<0.2	4	6	20	10	8	0.90	0.01	<10	13	<2	160	1.0	14
507	T-091	<1	<0.2	4	4	16	<10	78	0.89	<0.01	<10	6	<2	200	1.5	14
508	T-092	<1	<0.2	12	16	42	10	114	1.94	0.02	<10	4	<2	500	<1.0	16
509	T-093	<1	<0.2	4	12	16	10	70	1.06	<0.01	<10	43	<2	350	1.6	18
510	T-094	<1	<0.2	8	18	20	10	92	1.68	<0.01	<10	9	<2	520	1.4	18
511	T-095	<1	<0.2	5	14	14	10	54	0.97	<0.01	<10	11	<2	290	<1.0	16
512	T-096	<1	<0.2	3	22	16	<10	54	0.79	0.01	<10	17	<2	220	1.4	16
513	T-097	<1	<0.2	8	24	20	<10	20	1.38	<0.01	<10	15	<2	220	1.1	18
514	T-098	<1	<0.2	11	24	38	10	30	2.15	0.01	<10	19	<2	270	1.8	20
515	T-099	2	<0.2	8	36	30	<10	24	1.43	<0.01	<10	15	<2	190	<1.0	16
516	T-100	<1	<0.2	2	4	14	10	4	0.08	<0.01	<10	160	<2	600	73.0	140
517	T-101	<1	<0.2	5	16	40	10	14	0.29	0.01	40	73	<2	1200	41.0	108
518	T-102	<1	<0.2	2	8	14	<10	2	0.14	<0.01	20	145	<2	830	124.0	168
519	T-103	<1	<0.2	2	6	14	<10	4	0.08	<0.01	10	99	<2	950	48.0	126
520	T-104	<1	<0.2	11	10	22	10	8	0.20	<0.01	90	670	<2	1200	48.0	162
521	T-105	<1	<0.2	3	8	6	10	4	0.07	<0.01	10	2000	<2	1050	82.0	180
522	T-106	<1	<0.2	2	14	12	<10	30	0.22	<0.01	30	50	<2	880	16.0	66
523	T-108	<1	<0.2	2	12	8	<10	12	0.16	<0.01	10	190	<2	780	29.0	100
524	T-109	<1	<0.2	2	8	6	10	14	0.15	<0.01	10	580	<2	580	96.0	212
525	T-110	<1	<0.2	2	14	22	<10	<2	0.28	<0.01	<10	77	<2	580	25.0	74
526	T-111	<1	<0.2	3	14	28	10	6	0.29	0.01	<10	175	<2	830	35.0	108
527	T-112	<1	<0.2	2	16	18	<10	<2	0.23	<0.01	<10	340	<2	570	38.0	98
528	T-113	<1	<0.2	2	12	20	<10	2	0.25	<0.01	<10	410	<2	610	62.0	136
529	T-114	<1	<0.2	1	12	18	<10	2	0.23	<0.01	10	32	<2	830	24.0	82
530	T-115	19	<0.2	2	14	28	10	12	0.28	<0.01	20	26	<2	380	27.0	78

Appendix 7 Ore assay data of rock samples in Chiang Khong area

No	Sample No.	Rock Type	Element	Au	Au	Ag	Cu	Pb	Zn	WO_3	Sn	Mn	Ta	Nb
			Unit	g/t	Oz/t	ppm	%	%	%	%	%	%	%	%
1	ACR-002	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.012	< 0.001	< 0.01	< 0.01	0.004	< 0.001	< 0.001
2	ACR-007	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.002	0.009	< 0.01	< 0.01	0.112	< 0.001	0.002
3	ACR-011	Tuff Breccia		< 0.03	< 0.001	2	< 0.001	0.002	0.012	< 0.01	< 0.01	0.102	< 0.001	0.003
4	ACR-012	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.021	< 0.001	< 0.001
5	ACR-014	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.003	< 0.001	< 0.001
6	ACR-015	Quartz Vein		< 0.03	< 0.001	6	0.052	0.004	0.022	< 0.01	< 0.01	1.360	< 0.001	< 0.001
7	ACR-017	Quartz Vein		< 0.03	< 0.001	4	< 0.001	0.005	0.008	0.01	< 0.01	0.045	< 0.001	0.001
8	ACR-018	Skarnized Rock		< 0.03	< 0.001	4	< 0.001	0.003	0.041	0.01	< 0.01	0.093	< 0.001	0.001
9	ACR-020	Andesite with Pyrite		< 0.03	< 0.001	4	< 0.001	0.002	0.013	0.02	< 0.01	0.062	< 0.001	0.001
10	ACR-023	Sandstone with green Chalcopyriet		< 0.03	< 0.001	8	1.565	0.023	0.004	0.02	< 0.01	0.131	< 0.001	0.001
11	BCR-005	Cilicified Rhyolite		< 0.03	< 0.001	2	0.013	0.006	0.002	0.01	< 0.01	0.043	< 0.001	0.002
12	BCR-007	Epidopte - Quartz Vein		0.03	0.001	2	0.006	0.010	< 0.001	0.02	< 0.01	0.104	< 0.001	< 0.001
13	BCR-010	Quartz Vein		0.03	0.001	< 2	< 0.001	0.004	< 0.001	< 0.01	< 0.01	0.015	< 0.001	0.003
14	BCR-011	Quartz Vein		0.03	0.001	< 2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.235	< 0.001	< 0.001
15	BCR-014	Andesite with Sulfide		< 0.03	< 0.001	2	0.001	0.002	0.002	0.01	< 0.01	0.114	< 0.001	0.001
16	BCR-017	Altered Andesite		0.12	0.004	< 2	< 0.001	0.004	0.001	0.01	< 0.01	0.016	< 0.001	< 0.001
17	BCR-020	Andesite with Sulfide		< 0.03	< 0.001	2	< 0.001	0.003	0.007	0.01	< 0.01	0.064	< 0.001	0.002
18	CCR-002	Andesite with Sulphide		< 0.03	< 0.001	2	0.003	0.004	0.018	0.03	< 0.01	0.016	< 0.001	< 0.001
19	CCR-006	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
20	CCR-008	Quartz Vein		0.03	0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	< 0.01	0.003	< 0.001	< 0.001
21	CCR-009	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.002	< 0.001	< 0.01	< 0.01	0.002	< 0.001	0.003
22	CCR-017	Quartz Vein		< 0.03	< 0.001	< 2	0.001	0.001	0.005	< 0.01	< 0.01	0.027	< 0.001	0.001
23	CCR-018	Quartz Vein		0.03	0.001	< 2	0.001	0.003	< 0.001	< 0.01	< 0.01	0.001	< 0.001	0.001
24	CCR-019	Quartz Vein		0.03	0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.003	< 0.001	< 0.001
25	CCR-020	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.006	< 0.001	< 0.01	< 0.01	0.004	< 0.001	0.001
26	DCR-001	Andesite with Pyrite		< 0.03	< 0.001	2	< 0.001	0.003	0.002	< 0.01	< 0.01	0.040	< 0.001	0.001
27	DCR-005	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.004	< 0.001	< 0.001
28	DCR-006	Quartz Vein		< 0.03	< 0.001	4	< 0.001	0.001	< 0.001	0.01	< 0.01	0.079	< 0.001	< 0.001
29	DCR-007	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.033	< 0.001	< 0.001
30	DCR-013	Andesite		< 0.03	< 0.001	2	< 0.001	0.006	0.005	0.01	< 0.01	0.038	< 0.001	0.002
31	DCR-015	Aplite with Pyrite		0.03	0.001	4	0.001	0.002	< 0.001	0.01	< 0.01	0.005	< 0.001	0.002
32	DCR-016	Quartz Vein		0.16	0.005	2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.004	< 0.001	< 0.001
33	ECR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.009	< 0.001	< 0.001
34	ECR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	0.002	0.01	< 0.01	0.018	< 0.001	0.002
35	ECR-015	Quartz Vein		0.03	0.001	2	0.002	0.001	0.001	0.02	< 0.01	0.034	< 0.001	0.001
36	ECR-017	Quartz Vein		< 0.03	< 0.001	2	0.001	0.006	< 0.001	< 0.01	< 0.01	0.005	< 0.001	< 0.001
37	ECR-020	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.002	< 0.001	< 0.01	< 0.01	0.008	< 0.001	< 0.001
38	ECR-023	Quartz Vein		0.03	0.001	2	0.002	< 0.001	0.001	< 0.01	< 0.01	0.008	< 0.001	< 0.001
39	ECR-024	Quartz Vein		0.03	0.001	2	0.003	0.002	< 0.001	0.01	< 0.01	0.002	< 0.001	0.001
40	ECR-025	Quartz Vein		< 0.03	< 0.001	2	0.004	0.001	0.001	0.01	< 0.01	0.003	< 0.001	< 0.001
41	ECR-026	White Clay		< 0.03	< 0.001	2	< 0.001	0.001	0.001	0.02	< 0.01	0.001	< 0.001	0.001
42	ECR-027	Slate with Graphite		< 0.03	< 0.001	< 2	0.002	0.004	< 0.001	< 0.01	< 0.01	0.001	< 0.001	0.001
43	ECR-029	Altered Andesite		< 0.03	< 0.001	< 2	< 0.001	0.003	0.008	0.01	< 0.01	0.004	< 0.001	0.002
44	ECR-030	Altered Andesite		0.03	0.001	2	0.002	0.014	0.012	0.01	< 0.01	0.003	< 0.001	< 0.001
45	FCR-004	Andesitic Tuff with Clay		< 0.03	< 0.001	4	< 0.001	0.002	0.006	< 0.01	< 0.01	0.024	< 0.001	0.001
46	HCR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.006	0.001	0.01	< 0.01	0.025	< 0.001	0.001
47	HCR-002	Quartz Vein		< 0.03	< 0.001	2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.002	< 0.001	< 0.001
48	HCR-003	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.003	< 0.001	< 0.001
49	HCR-005	Quartz Vein		< 0.03	< 0.001	2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.019	< 0.001	< 0.001
50	JCR-001	Andesite with Clay and Pyrite		< 0.03	< 0.001	4	< 0.001	0.008	0.005	0.02	< 0.01	0.016	< 0.001	0.002

Appendix 8 Ore assay data of rock samples in Doi Chong area

No	Sample No.	Rock Type	Element	Au	Au	Ag	Cu	Pb	Zn	WO_3	Sn	Mn	Ta	Nb
			Unit	g/t	Oz/t	ppm	%	%	%	%	%	%	%	%
1	ADR-001	Aplite with Salfide		< 0.03	< 0.001	< 2	< 0.001	0.004	0.004	0.01	< 0.01	0.020	< 0.001	0.002
2	ADR-003	Silicified Rock		< 0.03	< 0.001	2	0.001	0.001	0.002	0.02	< 0.01	0.015	< 0.001	< 0.001
3	ADR-004	Jasperoid Rock		< 0.03	< 0.001	2	< 0.001	< 0.001	< 0.001	0.02	< 0.01	0.001	< 0.001	< 0.001
4	ADR-005	Aplite with Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	0.002	0.01	< 0.01	0.030	< 0.001	0.002
5	ADR-006	Quartz Vein		< 0.03	< 0.001	< 2	0.001	0.003	0.003	< 0.01	< 0.01	0.036	< 0.001	< 0.001
6	ADR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	0.004	0.03	< 0.01	0.015	< 0.001	0.002
7	ADR-008	Diopside Skarn		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.004	< 0.01	< 0.01	0.049	< 0.001	< 0.001
8	ADR-010	Diorite with Salfide		< 0.03	< 0.001	< 2	0.002	0.001	0.011	< 0.01	< 0.01	0.034	< 0.001	0.001
9	ADR-013	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	< 0.01	0.013	< 0.001	< 0.001
10	ADR-014	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.003	< 0.001	< 0.001
11	ADR-017	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	< 0.01	0.002	< 0.001	< 0.001
12	BDR-003	Quartz Phyllite with Pyrite		< 0.03	< 0.001	< 2	0.001	0.002	0.021	0.03	< 0.01	0.091	< 0.001	0.001
13	BDR-004	Phyllite with Pyrite		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	0.01	< 0.01	0.012	< 0.001	0.001
14	BDR-006	Granite with Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.006	0.004	0.02	< 0.01	0.053	< 0.001	0.002
15	BDR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.001	0.01	< 0.01	0.002	< 0.001	< 0.001
16	BDR-011	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	0.01	< 0.01	0.001	< 0.001	< 0.001
17	BDR-015	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.001	0.01	< 0.01	0.002	< 0.001	< 0.001
18	CDR-003	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.001	0.01	< 0.01	0.002	< 0.001	0.001
19	CDR-004	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.003	< 0.01	< 0.01	0.005	< 0.001	< 0.001
20	CDR-010	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	< 0.01	< 0.01	0.002	< 0.001	< 0.001
21	CDR-012	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
22	CDR-013	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.002	< 0.01	< 0.01	0.001	< 0.001	< 0.001
23	DDR-001	Quartz Schist		< 0.03	< 0.001	< 2	< 0.001	0.006	0.003	0.01	< 0.01	0.020	< 0.001	< 0.001
24	DDR-008	Quartz Vein		< 0.03	< 0.001	< 2	0.001	< 0.001	0.012	< 0.01	< 0.01	0.113	< 0.001	0.001
25	DDR-009	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.006	< 0.01	< 0.01	0.017	< 0.001	0.001
26	DDR-010	Granite with Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.030	0.001	0.03	< 0.01	0.023	0.001	0.004
27	DDR-012	Quartz Vein		< 0.03	< 0.001	2	0.003	0.001	< 0.001	0.05	< 0.01	0.033	< 0.001	0.001
28	DDR-013	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.003	0.002	0.01	< 0.01	0.039	0.001	0.005
29	DDR-015	Quartz Vein		0.12	0.004	< 2	< 0.001	0.001	0.001	< 0.01	< 0.01	0.004	< 0.001	< 0.001
30	DDR-016	Siliceous Conglomerate		< 0.03	< 0.001	< 2	0.001	0.001	0.001	< 0.01	< 0.01	0.008	< 0.001	< 0.001
31	DDR-018	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
32	DDR-021	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
33	EDR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.003	0.03	< 0.01	0.007	< 0.001	0.001
34	EDR-003	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	0.04	< 0.01	0.008	< 0.001	0.001
35	EDR-004	Diorite with Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	0.001	0.06	< 0.01	0.086	< 0.001	0.002
36	EDR-006	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.002	< 0.001	< 0.001
37	EDR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	0.01	< 0.01	0.003	< 0.001	0.002
38	EDR-010	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.007	0.003	0.01	< 0.01	0.020	< 0.001	0.001
39	EDR-011	Diorite with Sulfide		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.003	0.02	< 0.01	0.059	< 0.001	< 0.001
40	EDR-012	Skarnized Limestone		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.001	0.01	< 0.01	0.021	< 0.001	< 0.001
41	EDR-014	Quartz Vein		not/ss	not/ss	24	0.004	0.006	0.012	0.02	< 0.01	> 2.500	< 0.001	< 0.001
42	EDR-017	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
43	EDR-018	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.001	< 0.001	< 0.001
44	FDR-004	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.04	< 0.01	0.019	< 0.001	< 0.001
45	GDR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.05	< 0.01	0.005	< 0.001	0.001
46	HDR-002	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.10	< 0.01	0.014	< 0.001	< 0.001
47	JDR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.010	0.004	0.06	< 0.01	0.026	< 0.001	0.002
48	KDR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.04	< 0.01	0.036	< 0.001	0.001
49	KDR-002	Quartz Vein		< 0.03	< 0.001	< 2	0.002	0.001	0.001	0.04	< 0.01	0.036	< 0.001	< 0.001

Appendix 9 Ore assay data of rock samples in Ratchaburi area

No	Sample No.	Rock Type	Element	Au	Au	Ag	Cu	Pb	Zn	WO_3	Sn	Mn	Ta	Nb
			Unit	g/t	Oz/t	ppm	%	%	%	%	%	%	%	%
1	AR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.02	< 0.01	0.002	< 0.001	< 0.001
2	AR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.010	0.02	0.48	0.100	0.013	0.006
3	AR-008	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.001	0.01	< 0.01	0.020	< 0.001	0.001
4	AR-009	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.001	0.01	< 0.01	0.005	< 0.001	0.002
5	BR-003	Quartzite with Pyrite		< 0.03	< 0.001	< 2	< 0.001	0.003	< 0.001	0.01	< 0.01	0.003	< 0.001	0.001
6	BR-008	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.008	< 0.001	0.01	< 0.01	0.001	< 0.001	0.001
7	BR-013	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.007	0.004	0.01	< 0.01	0.071	< 0.001	< 0.001
8	BR-014	Altered Tuff		< 0.03	< 0.001	< 2	0.001	0.002	0.006	0.01	< 0.01	0.012	< 0.001	0.001
9	CR-001	Altered Shale		< 0.03	< 0.001	< 2	0.001	0.001	0.006	0.01	< 0.01	0.045	< 0.001	0.001
10	CR-002	Granite with Sulfide		< 0.03	< 0.001	< 2	< 0.001	0.006	0.001	0.01	< 0.01	0.013	< 0.001	< 0.001
11	CR-004	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.003	0.03	< 0.01	0.023	0.004	0.009
12	DR-001	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	0.001	0.02	< 0.01	0.019	< 0.001	0.001
13	DR-006	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.029	< 0.001	< 0.001
14	DR-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	0.01	< 0.01	0.021	0.001	0.001
15	DR-008	Quartz Vein		0.03	0.001	2	0.017	0.010	0.001	< 0.01	< 0.01	0.012	< 0.001	0.001
16	DR-009	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.020	0.002	< 0.01	< 0.01	0.003	< 0.001	< 0.001
17	DR-010	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	< 0.001	< 0.01	< 0.01	0.002	< 0.001	< 0.001
18	DR-011	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	0.002	< 0.001	0.001
19	DR-012	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	< 0.001	0.01	< 0.01	0.001	< 0.001	0.001
20	DR-013	Quartz Vein		< 0.03	< 0.001	2	0.008	0.046	0.002	0.01	< 0.01	0.010	< 0.001	0.001
21	DR-014	Quartz Vein		< 0.03	< 0.001	2	0.001	0.002	0.002	< 0.01	< 0.01	0.007	< 0.001	0.001
22	DR-016	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	< 0.01	0.003	< 0.001	< 0.001
23	DR-018	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.001	< 0.001	< 0.01	0.06	0.005	< 0.001	< 0.001
24	ER-002	Altered Andesite		< 0.03	< 0.001	2	< 0.001	0.003	0.005	0.01	< 0.01	0.051	< 0.001	0.001
25	ER-003	Silicified Hornfels		< 0.03	< 0.001	2	0.001	0.002	0.006	0.02	< 0.01	0.044	< 0.001	0.001
26	ER-007	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	0.001	0.05	< 0.01	0.010	< 0.001	0.001
27	ER-008	Quartz Vein		< 0.03	< 0.001	< 2	0.002	< 0.001	< 0.001	0.05	< 0.01	0.002	< 0.001	< 0.001
28	ER-009	Hornblend Quartz Rock		< 0.03	< 0.001	< 2	< 0.001	0.001	0.016	0.01	< 0.01	0.026	0.003	0.007
29	ER-011	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	0.001	0.01	< 0.01	0.019	< 0.001	0.001
30	ER-012	Quartz Vein		< 0.03	< 0.001	4	0.008	0.012	0.006	0.02	< 0.01	0.019	< 0.001	0.001
31	ER-014	Quartz Vein		< 0.03	< 0.001	10	0.001	0.359	0.003	0.07	< 0.01	0.004	< 0.001	0.001
32	ER-015	Quartz Vein		< 0.03	< 0.001	< 2	0.002	0.008	0.010	0.30	< 0.01	0.086	0.002	0.001
33	ER-016	Quartz Vein		< 0.03	< 0.001	< 2	0.001	0.054	0.001	0.02	< 0.01	0.004	< 0.001	< 0.001
34	ER-017	Quartz Vein		0.03	0.001	2	< 0.001	0.002	< 0.001	0.01	< 0.01	0.012	< 0.001	< 0.001
35	ER-018	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	< 0.001	0.01	< 0.01	0.007	< 0.001	0.001
36	ER-019	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	< 0.001	0.02	< 0.01	0.006	< 0.001	0.001
37	ER-020	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.002	< 0.001	0.01	< 0.01	0.004	< 0.001	0.001
38	ER-021	Quartz Vein		0.03	0.001	< 2	< 0.001	< 0.001	< 0.001	0.02	< 0.01	0.006	< 0.001	0.001
39	ER-022	Siliceous Tuff		< 0.03	< 0.001	< 2	< 0.001	0.002	0.003	0.02	< 0.01	0.059	0.004	0.006
40	ER-023	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.005	0.003	0.09	< 0.01	0.019	< 0.001	0.001
41	ER-024	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	0.02	< 0.01	0.006	< 0.001	< 0.001
42	ER-025	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.002	0.001	0.04	< 0.01	0.010	0.001	0.002
43	ER-026	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	0.001	0.23	< 0.01	0.037	< 0.001	0.001
44	ER-029	Quartz Vein		< 0.03	< 0.001	< 2	0.001	0.002	< 0.001	0.05	< 0.01	0.004	< 0.001	< 0.001
45	ER-030	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	0.001	0.02	< 0.01	0.017	< 0.001	0.001
46	ER-032	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	0.02	< 0.01	0.008	< 0.001	0.001
47	ER-033	Quartz Vein		0.03	0.001	2	< 0.001	0.003	< 0.001	0.01	< 0.01	0.006	< 0.001	0.001
48	KR-001	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.003	0.001	0.02	< 0.01	0.018	< 0.001	0.002
49	KR-002	Quartz Vein		< 0.03	< 0.001	2	< 0.001	0.001	0.002	0.02	< 0.01	0.033	< 0.001	0.001
50	KR-003	Aplite with Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	0.003	0.001	0.03	< 0.01	0.017	< 0.001	0.001
51	TR-003	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	< 0.001	0.04	< 0.01	0.002	< 0.001	< 0.001
52	TR-004	Quartz Vein		< 0.03	< 0.001	< 2	< 0.001	< 0.001	0.001	0.01	< 0.01	0.009	0.001	0.002

Appendix 10 Chemical and normative compositions of rock samples in Chiang Khong area

Sample No.	ACR-004	ACR-021	ACR-022	BCR-018	CCR-005	DCR-008	DCR-012	DCR-014	FCR-006	FCR-007	GCR-001	GCR-003	CK-2006	CK-2005a	CK-2005b
SiO2	51.45	45.50	67.26	64.86	64.68	65.36	47.52	74.95	67.16	66.52	63.68	65.76	67.42	64.55	80.39
TiO2	1.90	2.12	0.45	0.73	0.77	0.51	2.17	0.06	0.46	0.75	0.96	0.51	0.48	0.66	0.22
Al2O3	17.67	16.61	14.12	14.66	15.20	14.54	17.63	12.20	14.05	14.89	13.93	14.30	13.25	14.25	9.75
Fe2O3	4.84	3.72	1.17	2.61	2.86	1.70	3.18	0.98	1.70	2.45	1.32	0.87	1.10	4.48	0.60
FeO	4.53	8.04	1.99	2.44	2.19	2.97	7.81	0.30	1.74	2.16	3.48	2.95	2.42	0.74	0.55
MnO	0.10	0.17	0.06	0.09	0.06	0.09	0.18	0.01	0.06	0.12	0.12	0.06	0.07	0.10	0.02
MgO	1.77	5.89	0.90	0.91	1.29	1.13	3.99	0.22	0.97	0.93	1.47	1.78	1.07	1.66	0.25
CaO	7.79	9.62	2.42	1.38	0.38	1.30	9.97	0.35	2.59	2.29	3.89	3.24	2.62	2.19	0.59
Na2O	3.18	3.53	3.49	4.37	5.20	5.11	3.91	3.87	3.44	3.85	2.46	2.63	2.56	1.52	1.96
K2O	2.16	0.98	5.17	5.20	3.39	3.58	0.90	4.69	5.03	4.59	2.93	5.09	3.91	4.15	3.03
P2O5	0.72	0.34	0.13	0.18	0.18	0.12	0.34	0.02	0.12	0.20	0.27	0.10	0.19	0.21	0.08
H2O+	1.82	1.04	0.80	0.92	1.88	1.30	0.48	0.41	0.82	0.66	2.11	0.78	0.08	0.45	0.02
LOI	1.75	0.41	0.26	0.14	0.49	0.15	1.98	0.42	0.05	0.06	2.54	0.16	1.54	4.47	1.17
Total	99.68	97.97	98.22	98.49	98.57	97.86	100.06	98.48	98.19	99.47	99.16	98.23	96.71	99.43	98.63
CIPW.NORM															
Q	8.14	-	20.85	15.29	19.00	16.27	-	33.47	21.59	20.46	26.6	20.56	29.58	33.25	55.90
C	-	-	-	-	2.72	0.18	-	0.17	-	-	0.29	-	0.50	3.78	2.36
or	12.76	5.79	30.55	30.73	20.03	21.16	5.32	27.72	29.73	27.13	17.32	30.08	23.11	24.53	17.91
ab	26.91	23.93	29.53	36.98	44.00	43.24	28.97	32.75	29.11	32.58	20.82	22.25	21.66	12.86	16.59
an	27.56	26.58	7.59	5.03	0.71	5.67	27.90	1.61	8.04	9.79	17.53	12.18	11.76	9.49	2.40
ne	-	3.22	-	-	-	-	2.23	-	-	-	-	-	-	-	-
di	4.02	10.22	1.63	0.35	-	-	9.14	-	2.30	0.16	-	1.50	-	-	-
hd	1.09	5.17	1.31	0.17	-	-	6.78	-	0.95	0.05	-	1.17	-	-	-
en	2.55	-	1.48	2.10	3.21	2.81	-	0.55	1.35	2.24	3.66	3.74	2.67	4.13	0.62
fs	0.79	-	1.36	1.19	0.50	3.37	-	-	0.64	0.90	3.94	3.34	2.87	-	0.19
fo	-	6.96	-	-	-	-	4.00	-	-	-	-	-	-	-	-
fa	-	4.45	-	-	-	-	3.75	-	-	-	-	-	-	-	-
mt	7.02	5.39	1.70	3.78	4.15	2.46	4.61	0.83	2.46	3.55	1.91	1.26	1.59	0.80	0.87
ht	-	-	-	-	-	-	-	0.41	-	-	-	-	-	3.93	-
il	3.61	4.03	0.85	1.39	1.46	0.97	4.12	0.11	0.87	1.42	1.82	0.97	0.91	1.25	0.42
ap	1.67	0.79	0.30	0.42	0.42	0.28	0.79	0.05	0.28	0.46	0.63	0.23	0.44	0.49	0.19
Total	96.11	96.52	97.16	97.43	96.20	96.41	97.60	97.65	97.32	98.75	94.51	97.29	95.09	94.51	97.44
Felsic	75.37	59.52	88.52	88.02	86.46	86.51	64.41	95.71	88.46	89.96	82.55	85.07	86.61	83.91	95.16
Mafic	20.74	37.00	8.64	9.41	9.74	9.90	33.19	1.94	8.86	8.79	11.96	12.22	8.48	10.60	2.28

Appendix 11 Chemical and normative compositions of rock samples in Doi Chong area

Sample No.	ADR-012	BDR-001	BDR-006	CDR-006	CDR-008	DDR-010	EDR-010	EDR-011	FDR-001	FDR-004	FDR-006	JDR-002	KDR-003	DC-1506	DC-1603	DC-1604	DC-1701	DC-170
SiO2	69.60	71.30	65.57	74.38	45.96	74.13	46.00	69.86	75.07	75.07	87.60	66.27	76.14	75.12	72.91	70.84	66.34	68.72
TiO2	0.46	0.27	0.53	0.09	0.92	0.10	1.68	0.51	0.08	0.10	0.16	0.46	0.13	0.04	0.09	0.18	0.36	0.28
Al2O3	13.96	14.31	14.68	12.92	10.53	13.33	13.99	14.13	13.25	12.57	7.01	12.84	13.90	12.83	13.64	13.99	14.37	14.15
Fe2O3	2.35	1.31	1.21	0.22	1.97	0.53	3.30	1.73	0.54	0.50	0.73	1.19	0.67	0.41	0.48	0.60	1.12	1.23
FeO	0.44	0.33	2.53	0.19	4.30	0.31	9.26	1.88	0.29	0.22	0.53	2.40	0.34	0.26	0.35	0.77	1.23	1.00
MnO	0.04	0.04	0.06	0.07	0.12	0.02	0.21	0.06	0.06	0.01	0.01	0.10	0.03	0.05	0.03	0.05	0.06	0.10
MgO	0.71	0.33	2.32	0.21	8.82	0.45	8.04	1.76	0.20	0.18	0.46	1.68	0.29	0.05	0.24	0.55	0.81	0.52
CaO	0.31	0.97	1.28	0.12	10.00	0.93	11.07	2.18	0.94	0.07	0.05	4.87	0.56	0.17	1.72	2.10	2.35	1.95
Na2O	3.48	2.50	4.12	3.40	1.99	1.70	2.01	5.57	4.03	3.67	0.28	4.56	3.68	3.16	2.87	2.85	3.24	3.28
K2O	5.11	6.05	3.43	5.57	2.73	6.11	0.39	0.50	4.58	4.65	1.64	0.63	4.39	4.19	3.99	4.10	4.54	4.49
P2O5	0.10	0.08	0.17	0.01	1.00	0.03	0.16	0.10	0.01	0.01	0.02	0.07	0.02	0.04	0.06	0.11	0.17	0.13
H2O+	1.19	1.01	2.19	0.54	1.95	0.88	2.93	1.63	0.45	0.65	1.08	1.55	0.03	0.08	0.16	0.05	0.01	0.01
LOI	0.28	0.92	0.31	0.24	9.90	1.02	0.14	0.84	0.32	0.28	0.20	2.95	0.72	1.10	1.27	1.24	1.26	0.84
Total	98.03	99.42	98.40	97.96	100.19	99.54	99.18	100.75	99.82	97.98	99.77	99.57	100.90	97.50	97.81	97.43	95.86	96.70
CIPW.NORM																		
Q	28.36	31.26	21.44	32.68	-	38.28	-	27.95	31.80	35.54	78.90	25.67	36.36	40.30	37.00	33.24	23.97	27.62
C	2.38	2.08	2.27	1.10	-	2.30	-	0.70	-	1.40	4.73	-	2.12	2.88	1.62	1.31	0.26	0.66
or	30.20	35.75	20.27	32.92	16.13	36.11	2.30	2.95	27.07	27.48	9.69	3.72	25.94	24.76	23.58	24.23	26.83	26.53
ab	29.45	21.15	34.86	28.77	16.84	14.38	17.01	47.13	34.10	31.05	2.37	38.59	31.14	26.74	24.29	24.12	27.42	27.75
an	0.88	4.29	5.24	0.53	11.74	4.42	28.00	10.16	4.54	0.28	0.12	12.71	2.65	0.58	8.14	9.70	10.55	8.82
di	-	-	-	-	20.81	-	13.87	-	0.04	-	-	5.64	-	-	-	-	-	-
hd	-	-	-	-	4.11	-	7.18	-	-	-	-	3.35	-	-	-	-	-	-
en	1.77	0.82	5.78	0.52	2.87	1.12	8.37	4.38	0.48	0.45	1.15	1.57	0.72	0.12	0.60	1.37	2.02	1.30
fs	-	-	2.88	0.15	0.65	-	4.97	1.29	0.06	-	0.12	1.07	-	0.17	0.15	0.71	0.85	0.54
fo	-	-	-	-	6.62	-	3.66	-	-	-	-	-	-	-	-	-	-	-
fa	-	-	-	-	1.65	-	2.39	-	-	-	-	-	-	-	-	-	-	-
mt	0.22	0.41	1.75	0.32	2.86	0.77	4.78	2.51	0.78	0.45	1.06	1.73	0.82	0.59	0.70	0.87	1.62	1.78
ht	2.20	1.03	-	-	-	-	-	-	-	0.19	-	-	0.11	-	-	-	-	-
il	0.87	0.51	1.01	0.17	1.75	0.19	3.19	0.97	0.15	0.19	0.30	0.87	0.25	0.08	0.17	0.34	0.68	0.53
ap	0.23	0.19	0.39	0.02	2.32	0.07	0.37	0.23	0.02	0.02	0.05	0.16	0.05	0.09	0.14	0.25	0.39	0.30
Total	96.56	97.49	95.9	97.18	88.34	97.64	96.11	98.28	99.05	97.05	98.49	95.07	100.15	96.32	96.38	96.14	94.59	95.85
Felsic	91.27	94.53	84.08	96.00	44.71	95.49	47.31	88.90	97.50	95.75	95.81	80.68	98.21	95.27	94.62	92.59	89.02	91.40
Mafic	5.29	2.96	11.82	1.18	43.63	2.15	48.80	9.38	1.55	1.30	2.68	14.39	1.94	1.05	1.76	3.55	5.57	4.45

Appendix 12 Chemical and normative compositions of rock samples in Ratchaburi area

Sample No.	AR-002	BR-004	BR-007	BR-010	BR-011	CR-004	DR-002	DR-003	DR-005	ER-005	ER-013	TR-002
SiO2	72.32	72.51	72.54	72.60	70.75	91.01	74.03	73.44	73.87	73.89	71.15	74.36
TiO2	0.12	0.21	0.17	0.26	0.22	0.06	0.05	0.56	0.43	0.18	0.24	0.12
Al2O3	13.29	13.86	14.18	14.06	13.66	4.64	14.25	14.32	14.41	13.40	13.94	14.43
Fe2O3	0.90	1.04	0.78	1.08	1.04	0.29	0.95	0.90	0.94	0.80	0.85	0.70
FeO	0.49	0.73	0.41	1.46	2.76	0.41	0.32	0.57	0.83	0.79	0.57	0.67
MnO	0.02	0.03	0.02	0.05	0.08	0.03	0.04	0.05	0.03	0.03	0.02	0.07
MgO	0.28	0.42	0.39	0.74	1.25	0.18	0.24	0.42	0.39	0.42	0.44	0.25
CaO	0.89	0.85	0.78	1.63	2.24	0.26	0.48	0.88	0.60	0.57	0.97	0.48
Na2O	3.83	3.02	2.97	2.86	2.83	0.16	3.66	3.00	2.78	3.36	3.02	3.38
K2O	5.20	5.95	5.66	4.81	4.19	1.54	4.45	5.20	5.32	5.19	6.07	4.58
P2O5	0.06	0.23	0.16	0.14	0.14	0.12	0.20	0.20	0.22	0.06	0.16	0.18
H2O+	0.50	0.45	0.45	0.58	0.62	0.45	0.42	0.61	0.84	0.33	0.59	0.72
LOI	0.26	0.39	0.53	0.11	0.46	0.32	0.42	0.50	0.19	0.51	0.52	0.53
Total	98.16	99.69	99.04	100.38	100.24	99.47	99.51	100.65	100.85	99.53	98.54	100.47
CIPW.NORM												
Q	28.05	30.29	31.80	32.69	30.16	83.48	34.89	34.14	36.05	32.55	28.07	36.01
C	-	1.46	2.13	1.52	0.73	2.52	3.02	2.63	3.51	1.36	1.02	3.47
or	30.73	35.16	33.45	28.43	24.76	9.10	26.30	30.73	31.44	30.67	35.87	27.07
ab	32.41	25.55	25.13	24.20	23.95	1.35	30.97	25.39	23.52	28.43	25.55	28.60
an	3.71	2.71	2.82	7.17	10.20	0.51	1.07	3.06	1.54	2.44	3.77	1.21
di	0.24	-	-	-	-	-	-	-	-	-	-	-
en	0.59	1.05	0.97	1.84	3.11	0.45	0.60	1.05	0.97	1.05	1.10	0.62
fs	-	0.19	-	1.45	3.99	0.47	-	-	0.09	0.55	-	0.58
mt	1.30	1.51	0.89	1.57	1.51	0.42	1.02	0.38	1.36	1.16	1.21	1.01
ht	0.01	-	0.16	-	-	-	0.25	0.64	-	-	0.02	-
il	0.23	0.40	0.32	0.49	0.42	0.11	0.09	1.06	0.82	0.34	0.46	0.23
ap	0.14	0.53	0.37	0.32	0.32	0.28	0.46	0.46	0.51	0.14	0.37	0.42
Total	97.40	98.85	98.06	99.69	99.16	98.70	98.67	99.54	99.82	98.69	97.43	99.22
Felsic	94.90	95.17	95.34	94.01	89.80	96.97	96.25	95.95	96.07	95.46	94.28	96.35
Mafic	2.50	3.68	2.72	5.68	9.36	1.73	2.42	3.59	3.75	3.23	3.15	2.87

Appendix 13 Soil geochemical data of the east Ban Na Ban Rai gold occurrence

	Element	Au	Ag	Cu	Pb	Zn	Hg	As	Fe	W	Sn	Sb	F	Ta	Nb
	Unit	ppb	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	Detection limit	1	0.2	1	2	2	10	2	0.01	10	2	2	20	2	5
No.	Sample No.														
1	A-001	20	-0.2	29	90	22	20	56	7.70	-10	-2	2	210	-1.0	10
2	A-002	16	-0.2	27	66	16	10	56	8.21	-10	-2	2	180	1.0	12
3	A-003	8	-0.2	18	68	16	30	34	4.61	-10	-2	2	100	1.2	10
4	A-004	17	-0.2	27	56	16	10	58	7.84	-10	-2	2	260	-1.0	10
5	A-005	13	-0.2	36	66	30	20	78	11.20	-10	-2	-2	210	-1.0	10
6	A-006	13	-0.2	27	48	20	10	56	7.19	-10	-2	2	270	-1.0	12
7	A-007	477	-0.2	28	54	22	10	72	9.35	-10	-2	2	280	-1.0	10
8	A-008	12	-0.2	19	34	18	30	42	6.54	-10	-2	2	150	-1.0	12
9	A-009	12	-0.2	18	40	18	20	40	5.24	-10	-2	2	150	-1.0	12
10	A-010	11	-0.2	17	34	16	20	38	5.00	-10	-2	2	150	-1.0	14
11	A-011	12	-0.2	19	26	18	20	34	4.00	-10	-2	2	260	1.0	14
12	B-001	32	-0.2	26	52	18	30	24	5.49	-10	-2	-2	250	-1.0	12
13	B-002	19	-0.2	25	52	18	10	30	4.86	-10	-2	2	390	-1.0	10
14	B-003	12	-0.2	24	56	18	10	40	5.32	-10	-2	-2	370	-1.0	12
15	B-004	14	-0.2	22	56	18	10	26	4.94	10	-2	-2	320	-1.0	12
16	B-005	27	-0.2	29	54	20	20	56	7.44	-10	-2	2	390	-1.0	10
17	B-006	13	-0.2	32	46	20	10	60	8.94	10	-2	2	480	1.1	10
18	B-007	6	0.2	19	28	12	20	42	5.82	10	-2	-2	240	-1.0	16
19	B-008	9	-0.2	19	30	16	10	44	5.56	-10	-2	-2	250	1.0	14
20	B-009	8	0.4	19	34	20	20	32	5.55	20	-2	-2	260	-1.0	12
21	B-010	14	-0.2	26	32	20	20	34	5.07	30	-2	2	540	-1.0	12
22	B-011	9	-0.2	19	24	20	20	40	3.51	50	-2	-2	330	-1.0	14
23	C-001	13	-0.2	24	68	26	20	18	3.17	10	-2	-2	470	-1.0	8
24	C-002	27	-0.2	36	42	20	20	28	6.78	10	-2	-2	360	-1.0	8
25	C-003	60	-0.2	39	56	56	10	32	7.07	10	-2	-2	460	-1.0	8
26	C-004	25	-0.2	34	58	24	20	64	8.29	20	-2	-2	480	-1.0	8
27	C-005	15	-0.2	31	70	22	20	66	8.80	20	-2	4	380	-1.0	12
28	C-006	52	-0.2	35	46	22	20	80	10.75	-10	-2	-2	450	-1.0	8
29	C-007	25	-0.2	36	58	30	20	62	8.67	-10	-2	-2	490	-1.0	8
30	C-008	16	-0.2	42	54	36	20	60	9.48	-10	-2	6	550	-1.0	10
31	C-009	14	-0.2	41	42	38	30	30	8.09	-10	-2	4	880	-1.0	8
32	C-010	13	-0.2	42	34	38	30	20	5.16	60	-2	2	780	-1.0	8
33	C-011	16	-0.2	28	34	34	30	28	3.59	50	-2	-2	390	-1.0	10