APPENDIX

Abbreviations of Table 1 and 2

◎:Abundant ○:Common □:Few △:Rare,

Name of Mineral

Mo:montmorillonite, Ch:chlorite, Se:sericite, Mu:muscovite, Ka:kaoline, Pr:pyrophyllite, Da:diaspore, Al:alunite, Gy:gypsum, An:anhydrite, Ca:calcite, Do:dolomite, Si:siderite, Cr:α-cristobalite, Qz:quartz, Pl:Plagioclase, Kf:potassium feldspar, Py:pyrite, Ma:magnetite, He:hematite, Ep:epidote, Ho:hornblende

Name of Formation

Eça:Çamyayla Volcanics,
Mba:Balcılar Volcanics
Mşa:Şapçı Volcanics
Pad:Akkayrak Volcanics
Res:Emeşe Formation
dg:Dikmen Granite
Po:Porphyry

N:north, S:south, E:east, W:west, T:Tepe(mountain), D:Dere(stream)

Table 1 Description of X-ray Diffractive Samples

Chip Samples

Sample No.	Name of Altered Rock	Rock Unit	Location
K429	White altered rock (m sil, s arg)	Mşa	Arlık Dere
K446	White altered rock (porphyritic tex, s arg)	Mşa	
K490	Light grey altered rock (mudstone ?)	Mşa	
K495	White altered rock (fine tuff ?)	Mşa	
M317	White & brown altered rock(m arg)	Mşa	
M321	ditto	Mşa	
M414	Altered rock(andesite, m arg)	Mşa	
S391	ditto	Mşa	
K526	White altered rock(andesite ?)	Mşa	Karaibrahimler
M446	White altered rock(s arg, adit)	Mşa	
M447	ditto	Mşa	
S439	White altered rock(andesitic tuff)	Mşa	
M460	Pinkish altered rock	Mşa	Kestane Dagı
T459	White altered rock(andesite)	Mşa	
T472	ditto	Mşa	
K414	white & perple altered rock(m arg)	Mşa	Piren Tepe
M406	White altered rock(andesite, s arg)	Mşa	
M411	White altered rock(s arg)	Mşa	
S380	White altered rock(andesite, s arg)	Mşa	
T366	White altered porous rock(s arg)	Mşa	
T367	ditto	Mşa	
T369	ditto	Mşa	
C346	L brown altered rock(s arg)	Po	Dikmen
M339	White altered qz pophyry(s arg)	Po	
M356	ditto	Po	

Table 1 Description of X-ray Diffractive Samples

Cores

Drill Hole No.	Depth (m)	Sample No.	Description
MJTC-1	22.00	151	Strongly arg rock with limonite (vs arg)
	50.00	152	Dark grey strongly arg rock with py diss
	83.00	153	Dark grey s arg brecciated rock
	120.30	154	Dark grey w arg fractured andesite
	150.00	155	ditto
MJTC-2	17.00	251	White clay (vs arg)
	49.00	252	Reddish brown limonitic clay (vs arg)
	60.80	253	White grey clay (vs arg)
	96.60	254	Dark green m arg rock
	136.00	255	Dark grey clay (vs arg)
MJTC-3	30.00	351	L.grey m arg andesite
	60.10	352	ditto
	93.00	353	L.grey m sil rock
	120.00	354	L.grey m sil rock
	140.20	355	L.grey m sil rock
MJTC-4	27.00	452	White grey sil & arg auto-brecciated rock
	63.80	453	ditto
	93.55	454	White s arg rock
	100.00	455	Grey m arg rock with py diss
	149.30	456	L.grey m arg rock with py diss
MJTC-5	30.00	551	Light grey clay (vs arg)
	60.00	552	Light grey arg & sil rock
	90.00	553	ditto
	121.00	554	Pale green m arg andesite
	122.60	555	Black arg mudstone
MJTC-6	33.00	651	White grey s arg rock
	53.00	652	Reddish brown clay
	63.50	653	Yellow brown clay
	87.20	654	White grey s arg rock
	104.00	655	Grey s arg rock

Table 2 Results of X-ray Diffractive Analysis(1)

Sample No.	Altered Rock	Rock unit	Location	Clay Mineral							Sulfate m.			Carbonate			Silicate		Feld.		Miscellaneous m.							
				Mo	Ch	Se	Mu	Ka	Pr	Da	Al	Gy	Ja	Ca	Do	Si	Cr	Qz	Pl	Kf	Py	Ma	He	Ep	Ho	Tr	Cr	Hd
C346	L brown s arg rock	Int	Dikmen	△		·		·										△	·	·								
M339	White s arg qz pophyry	Int		·		·		○										○		·	·							
M356	ditto	Int		·		·		○										○		·								
K414	white & perple m arg rock	Msa	Piren Tepe								○							◎		·								
M406	White s arg rock	Msa		·														·	·	·								
M411	ditto	Msa															◎	△		·								
S380	ditto	Msa									·						○	·										
T366	White s arg porous rock	Msa						·			·						△											
T367	ditto	Msa						○									△	·										
T369	ditto	Msa						△			·						△											
K429	White m sil & s arg rock	Msa	Arlık Dere								○							◎		·								
K446	White s arg rock	Msa				·		·										○		·								
K490	Light grey arg mudstone)	Msa			·	△												◎										
K495	White arg fine tuff	Msa				· ?		·	·		·							◎			·							
M317	White & brown m arg rock	Msa						·			○							○		·								
M321	ditto	Msa						·			○							◎		·								
M414	White m arg rock	Msa						·										△		·								
S391	ditto	Msa				·												◎		·								
K526	White m arg rock	Msa	Karaibrahimler			·		·										◎		·								
M446	White s arg rock(adit)	Msa						·									◎			·								
M447	ditto	Msa						△			·							·										
S439	White m arg andesitic tuff	Msa															△	·	△	·								
M460	Pinkish arg rock	Msa	Kestane Dagı					·			◎							◎		·								
T459	White arg rock(andesite)	Msa				·												◎	·	·								
T472	ditto	Msa				·		△										◎	·	·								

Abbreviations: ◎:Abundant ○:Common △:Few ·:Rare, Mo:Montmorillonite, Ch:Chlorite, Se:Sericite, Mu:Muscovite, Ka:Kaoline, Pr:pyrophyllite, Da:Diaspore, Al:Alunite, Gy:Gypsum, Ja:Jarosite, Ca:Calcite, Do:dolomite, Si:Siderite, Cr:α-Cristobalite, Qz:Quartz, Pl:Plagioclase, Kf:Potassium feldspar, Py:Pyrite, Ma:Magnetite, He:Hematite, Ep:Epidote, Ho:Hornblende, Hd:Heulandite, Tr:Toridymite, Cy:Chrysocolla, Rh:Rhodochrosite, Pb:galena, Zn:Sphalerite, Mg:Magnetite, Bi:Biotite

Table 2 Results of X-ray Diffractive Analysis(2)

Sample No.	Altered Rock	Drill Hole No.	Drill Hole Depth	Clay Mineral							Sulfate m.			Carbonate			Silicate		Feld.		Miscellaneous m.							
				Mo	Ch	Se	Mu	Ka	Pr	Da	Al	Gy	Ja	Ca	Do	Si	Cr	Qz	Pl	Kf	Py	Ma	He	Ep	Ho	Rh	Pb	Zn
151	Vs arg rock with limonite		22.00	·				△										◎		·								
152	Dark grey s arg rock with py diss		50.00	△				·										○		·	·							
153	Dark grey brecciated rock(s arg)	MJTC-1	83.00	△				·										△	·	·								
154	Dark grey fractured andesite(w arg)		120.30	△				·										△		·	·							
155	Dark grey fractured andesite(w arg)		150.00	△				·												·	·							
251	White clay(vs arg)		17.00					·										◎		·								
252	Roddish brown limonitic clay(vs arg)		49.00										·					◎					·					
253	White grey clay(vs arg)	MJTC-2	60.80					△										△			·							
254	Dark green clay(m arg)		96.60	△														◎	·	·	·							
255	Dark grey clay(vs arg)		136.00	△				·						·				◎	·	·	·							
351	L.grey arg andesite(m arg)		30.00			·		·										◎		·	·							
352	ditto		60.10			·		·										◎		·								
353	L.grey m sil rock	MJTC-3	93.00			·		·			·							·	·	·	·							
354	L.grey m sil rock		120.00			·		·	·		·							◎		·	·							
355	L.grey m sil rock		140.20					·	·		·							◎		·	·							
452	White grey sil & arg rock		27.00						·		△							◎		·								
453	ditto		63.80						·		△							◎										
454	White s arg rock	MJTC-4	93.55					○			·							·										
455	Grey m arg rock with py diss		100.00			· ?		△			·							◎	·	·	·							
456	L.grey m arg rock with py diss		149.30					△		·	·							◎			·							
551	Light grey clay(vs arg)		30.00			·		·										◎		·	·							
552	Light grey arg & sil rock		60.00					△	·		·							◎		·	·							
553	ditto	MJTC-5	90.00					△	·		·							◎			·							
554	Pale green andesite(m arg)		121.00	·				· ?										○		·	·							
555	Black arg mudstone		122.60			·												◎		·	·							
651	White grey s arg rock		33.00	·				·										○	·									
652	Reddish brown clay		53.00					·										◎					·					
653	Yellow brown clay	MJTC-6	63.50	·				·										○					·					
654	White grey s arg rock		87.20			·												△	·	·								
655	Grey s arg rock		104.00					·										○		·	·							

Abbreviations: ◎:Abundant ○:Common △:Few ·:Rare, Mo:Montmorillonite, Ch:Chlorite, Se:Sericite, Mu:Muscovite, Ka:Kaoline, Pr:pyrophyllite, Da:Diaspore, Al:Alunite, Gy:Gypsum, Ja:Jarosite, Ca:Calcite, Do:dolomite, Si:Siderite, Cr:α-Cristobalite, Qz:Quartz, Pl:Plagioclase, Kf:Potassium feldspar, Py:Pyrite, Ma:Magnetite, He:Hematite, Ep:Epidote, Ho:Hornblende, Hd:Heulandite, Tr:Toridymite, Cy:Chrysocolla, Rh:Rhodochrosite, Pb:galena, Zn:Sphalerite, Mg:Magnetite, Bi:Biotite

Table 3 Description of Chip Samples

Arlık Dere (1)

No.	Rock Name	Alteration	Formation	Location
C302	Porous rock with limonite	s sil	Şapçı V.	Kocataş T.
C304	Massive rock	vs sil		
C305	Porous rock with limonite	s sil		
C307	Massive rock with limonite	vs sil		
K301	Porous rock with limonite	s sil		Güvemalanı T.
K303	Brecciated rock with py	vs sil		
K304	Brecciated rock	s sil		
K305	brecciated rock with limonite	s sil		
K311	Massive rock with limonite	vs sil		S.Güvemalanı T.
K313	Porous rock with limonite	s sil		
K314	Massive rock with hematite	vs sil		
K315	Limonitic porous rock	s sil		
K319	ditto	s sil		
K320	ditto	s sil		
K321	Massive rock	m sil		
K322	Limonitic brecciated rock	m sil		SE.Güvemalanı T
K323	ditto	m sil		
K324	ditto	s sil		
K325	ditto	vs sil		
K326	ditto	s sil		
K327	ditto	s sil, w arg		
K428	ditto	s sil, w arg		
K430	Limonitic massive rock	vs sil		
K431	Porous rock with limonite	s sil		
K433	Brecciated rock with hematite	s sil		S.Güvemalanı T.
K434	Porous rock with limonite	vs sil		
K435	Grey massive rock	vs sil		
K436	Massive rock with fracture	vs sil	cavity+limo	
K437	Qz vein with crystalline qz			
K438	Limonitic brecciated rock	s sil		
K439	Brecciated rock with limonite	vs sil		
K440	ditto	s sil		
K441	Porous rock	vs sil		
K442	Grey banded rock	vs sil	sulphide m	
K443	Hematite arg rock	m sil, m arg		
K444	Massive rock	vs sil		
K445	Porous rock with limonite	vs sil		
K447	ditto	s sil, w arg		
K449	Massive rock with hematite	vs sil		
K450	Brecciated rock with limonite	s sil	native S?	
K467	Brecciated rock with limonite	s sil		SE.Kocataş T.
K468	Brecciated rock with hematite	vs sil		
K469	Qz vein with crystalline qz			
K470	Brecciated rock	m sil, m arg		
K473	Brecciated rock with hematite	m sil, s arg		Kocataş D.
K475	Massive rock with limonite	vs sil		
K476	Limonitic brecciated rock	s sil		
K477	ditto	s sil		
K479	Altered mudstone with hematite	m sil, m arg		
K480	Porous rock with limonite	s sil		

Table 3 Description of Chip Samples

Arlık Dere (2)

No.	Rock Name	Alteration	Formation	Location
K482	Limonitic brecciated rock	s sil, w arg	Şapçı V.	Kocataş D.
K483	Altered rock	m sil, m arg		
K484	Grey porous rock	s sil	native S	
K487	Hematite massive rock	vs sil		
K488	Altered rock	m sil, w arg	andesite?	
K491	Limonitic brecciated rock	s sil		Kocataş D.
K492	Limonitic rock	m sil, m arg	conglo ?	
K493	Massive rock with limonite	s sil	Şapçı V.	
K494	Limonitic porous rock	s sil, w arg		
K496	Porous rock with limonite	s sil		
K550	ditto	vs sil		N.Karıpca T.
M301	Massive rock with qz	s sil		Kocataş T.
M302	Limonitic banded rock	s sil		
M303	Massive rock with py	s sil		
M304	Porous rock with limonite	s sil		
M305	ditto	s sil		
M306	Limonitic porous rock with qz	s sil		
M307	Limonitic porous rock	s sil		
M309	Massive rock	vs sil		
M310	Porous~massive rock with S	s sil		
M311	Massive rock with qz & S	vs sil		
M312	Limo massive rock with qz	vs sil		
M313	Limo brecciated rock with qz	s sil		
M314	Limo porous rock	s sil		
M315	Porous rock with limonite	s sil		
M316	Limo porous rock with qz	s sil		
M318	Limonitic porous rock	s sil		
M319	ditto	s sil		
M320	Porous rock with limonite	s sil		
M322	Porous rock with limo & qz	s sil		
M323	Porous rock with limo	s sil		
M324	Massive rock with limonite	s sil		
M325	Limo porous rock with qz	s sil		
M326	ditto	s sil		
M327	Limonitic porous rock	s sil		
M328	Porous rock with limonite	s sil		
M329	Massive rock with hematite	vs sil		
M330	Brown massive rock(Ba)	vs sil		
M331	Hematite massive rock	s sil, w arg		
M332	ditto	vs sil		
M333	Porous rock with limonite	s sil		
M334	Limonitic porous rock	s sil		
M335	Grey massive rock with py	vs sil		
M415	Brecciated rock with limonite	s sil, w arg	conglo ?	
M416	Porous rock with hematite	vs sil	Şapçı V.	
M417	Massive rock with hematite	vs sil		
M418	Banded rock with hematite(Ba)	m sil, w arg	float	
M419	Massive rock with limonite	vs sil	cavity	
M420	Limonitic brecciated rock	s sil	cavity	
M421	Hem-limo brecciated rock	s sil		

Table 3 Description of Chip Samples

Arlık Dere (3)

No.	Rock Name	Alteration	Formation	Location
M422	Brecciated rock	s sil, w arg	Şapçı V.	Kocataş T.
M423	ditto	vs sil		
M424	Brecciated rock	vs sil		
M425	Hem-limo brecciated rock	s sil		
M427	Limonitic porous rock	vs sil		
M428	Hematite massive rock	vs sil		↓
M449	Grey massive rock with py diss	vs sil		S.Bag T.
M450	Limonitic massive rock with py	vs sil		↓
M451	Banded rock(coarse qz)	s sil		Yeşilfakılı Sr.
M452	Irregular banded rock with hem	s sil		
M453	Limonitic massive rock	vs sil		
M454	Grey massive rock with py diss	vs sil		
M455	Massive rock with limonite	vs sil		↓
P338	Altered rock with py	w sil, s arg		N Kocataş T.
P340	Slug(float)			
P342	Massive rock with limonite	vs sil		
P343	Grey massive rock with py	vs sil		
P345	Brecciated rock with limonite	s sil		
P346	Porous rock with limonite	s sil		
P348	Porous rock with limonite	s sil		
P349	ditto	s sil		
P350	Porous rock with hematite	vs sil		
P351	Porous rock with limonite	s sil		
P352	ditto	vs sil		↓
P353	Porous rock with hematite	s sil		NE Kocataş T.
P354	Altered rock	m sil, m arg	adit	↓
S301	Massive rock with hematite	vs sil		S Sarıaş
S302	Hematite massive rock	s sil		
S312	Massive rock with limonite	s sil		
S314	ditto	s sil		
S315	Grey massive rock	vs sil	→porous	
S316	ditto	vs sil	→porous	
S318	ditto	vs sil	→cavity	
S319	Porous rock with limonite	s sil		
S320	Brecciated rock with hematite	vs sil	native S	
S321	Massive rock with fracture	vs sil	qz+limonite	↓
S382	Massive rock with limonite	vs sil		N Sarıtaş
S385	Porous rock with limonite	vs sil		Künkaltı sr.
S388	Limonitic porous rock	s sil		S.Sarıtaş
S392	Massive rock	s sil		
S393	Brecciated rock with hematite	s sil		
S394	Brecciated rock with limonite	s sil		
S395	Porous rock with hematite	s sil		
S396	ditto	vs sil		
S397	Massive rock with limonite	vs sil	cavity	
S398	Massive rock with hematite	s sil		
S399	ditto	s sil		
S401	Massive rock with hematite	s sil	grey	
S402	Massive rock	vs sil		
S403	Massive rock with limonite	vs sil		N.Sarıtaş

Table 3 Description of Chip Samples

Arlık Dere (4)

No.	Rock Name	Alteration	Formation	Location
S404	Altered rock	m sil, m arg	Şapçı V.	N.Güvemalanı T.
T399	Massive rock with hematite	vs sil		Akmaçakıl T.
T400	ditto	s sil		
T401	Grey massive rock	vs sil		
T402	ditto	vs sil		
T403	Massive rock	vs sil		
T404	Brecciated rock with hematite	vs sil		
T405	Porous rock with limonite	s sil		
T406	ditto	s sil		
T407	Limonitic porous rock	s sil		
T409	Brecciated rock with limonite	s sil	float	
T410	Massive rock	vs sil	float	
T411	Brecciated rock with hematite	vs sil		
T412	Massive(white/hema) rock	vs sil		
T414	Grey massive rock	vs sil		↓
T415	Massive rock with limonite	vs sil		İnnik D.
T416	Grey massive rock	vs sil		
T417	Altered rock	m sil, m arg		
T418	Brecciated rock with limonite	s sil		
T419	Massive rock with hematite	vs sil		
T420	Porous rock with limonite	s sil, w arg		
T421	ditto	s sil, w arg		
T422	Massive rock with limonite	vs sil		
T423	Grey massive rock with py	vs sil		
T424	Porous/brec rock with limo	vs sil		
T425	Brown porous rock	s sil	float	↓
T428	Massive rock with cavity	vs sil		S.Dogan D.
T429	Massive rock	vs sil	float	?
T430	Porous/brec rock with hematite	m sil, m arg		Oluk D.
T431	Porous/brec rock with limonite	s sil, w arg	native S?	
T432	Banded/brecciated rock	vs sil		
T435	Massive rock with limonite	vs sil		
T436	Massive rock	vs sil	float	↓
T437	Limonitic conglomerate	s sil		SE.Kocataş T.
T438	limonitic brecciated rock	s sil, w arg	float	Oluk D.
T439	ditto	s sil, w arg		↓
T440	Porous rock with limonite	s sil		Oulk D.
T442	Altered rock with limonite	m sil, m arg		SE. Kocataş T.
T443	Altered rock	m sil, m arg		↓
Y301	Limonitic porous rock	s sil		Güvemalanı T.
Y302	Brecciated rock with limonite	s sil, w arg		
Y303	Limonitic brecciated rock	s sil		
Y306	ditto	s sil		
Y307	Brown massive rock	vs sil	cavity	
Y308	Brecciatd rock with limonite	s sil	→porous	↓
Y357	Porous rock with limonite	s sil		NE.Güvemalanı T
Y358	ditto	s sil, w arg		
Y359	Banded rock with py	vs sil		
Y360	Limonitic porous rock	s sil		
Y361	ditto	s sil		↓

Table 3 Description of Chip Samples

Arlık Dere (5)

No.	Rock Name	Alteration	Formation	Location
Y363	Brecciated rock with hematite	vs sil	Şapçı V.	NE.Güvemalanı T
Y366	ditto	s sil, w arg		E.Güvemalanı T.
Y367	Limonitic brecciated rock	s sil, w arg		↓
Y368	ditto	s sil, w arg		S.İnkaya T.
Y369	Limonitic massive rock	s sil		
Y370	Limonitic porous rock	s sil		
Y372	ditto	vs sil		
Y373	ditto	s sil	cavity	
Y374	Limonitic massive rock	s sil, w arg		
Y375	Brecciated rock with py	vs sil		↓
Y377	Limo-hema brecciated rock	s sil		SE.İnkaya T.
Y378	Porous rock with limonite	s sil		
Y379	ditto	s sil		
Y380	limonitic brecciated rock	s sil		
Y381	ditto	s sil		
Y382	ditto	s sil		
Y383	Brecciated rock	s sil		
Y387	Hem-limo brecciated rock	vs sil		↓
Y388	Limonitic brecciated rock	s sil, w arg		E.İnkaya T.
Y389	Porous rock with limonite	s sil		SE.İnkaya T.
Y390	Grey porous rock	vs sil		S.İnkaya T.

Table 3 Description of Chip Samples

Karaibrahimler (1)

No.	Rock Name	Alteration	Formation	Location
C357	Fractured rock with limonite	s sil	Kirazlı C.	E.Dede T.
C358	ditto	s sil, w arg		
C360	Segregated qz in green schist	m sil, m arg	Taşdibek F.	
C361	Altered g schist with limonite	w sil, m arg		Köse D.
C365	Fractured rock with limo & py	s sil		
C368	Black altered rock with py	w sil, m arg		N.Alanbaşı T.
C371	Granodiorite		Intrusive	
C372	Skarn(garnet)		Taşdibek F.	
C373	Skarn(garnet)			
C374	Qz with oxide copper			
C378	Aplite	w sil, s arg		Çad D.
C379	Porous rock with qz & limo	s sil		
C380	Massive rock with limonite	vs sil		
C381	Altered granodiorite with py	w arg	Intrusive	
C383	Segregated qz with limonite		Taşdibek F.	
K453	Fractured rock with limonite	s sil		S.Tombakburun T
K454	Psammitic s with qz vein & py	vs sil		
K455	Psammitic schist	s sil		
K456	Grey massive rock with py	s sil		Çad D.
K459	Gry massive rock	s sil		
K460	Skarn with oxide copper & py			
K461	Brecciated rock with limonite	s sil, w arg		
K500	Fractured rock with limonite	s sil, w arg	?	Köserelik D.
K506	Massive rock with py	vs sil	?	
K507	Porous rock with py	s sil	?	
K508	Limonitic massive rock(cavity)	vs sil		W.Akpınar
K509	Massive rock with limonite	vs sil		
K510	Porous rock with limonite	vs sil		
K511	Banded rock with hematite	s sil		
K512	Limo-hema rock	s sil		SW.Akpınar
K514	Fractured rock with limonite	m sil, m arg		
K515	ditto	m sil, m arg		Çad D.
K519	Epidote-qz with py	s sil		
K524	Fractured rock with limonite	s sil, w arg	Taşdibek F.	Köserelik D.
K525	Limonitic brecciated rock	s sil		
K527	Limonitic porous rock with qz	vs sil		
K530	ditto	vs sil		
K531	Limonitic conglomerate	s sil		
M430	Conglomerate	s sil	Kirazlı C.	N.Karaibrahimler
M432	Limonite-qz vein in siltsone			
M433	Conglomerate with py	s sil, w arg		
M434	Altered siltstone with py	m sil, w arg		
M435	Liom-qz-py vein in siltstone			
M436	Gossan			
M439	Porous rock with limonite	vs sil		
M440	ditto	vs sil	Şapçı V.	
M442	Porous rock with limonite	vs sil		
M445	Massive rock	vs sil		SE.Kökçiçek T.
M448	Altered andesite with limo	m sil, m arg		
S411	ditto	vs sil	Taşdibek F	W.Karibrahimler

Table 3 Description of Chip Samples

Karaibrahimler (2)

No.	Rock Name	Alteration	Formation	Location
S418	Limonite cemented rock		Şapçı V.	Köse D.
S420	Brecciated rock	vs sil		↓
S422	Fractured rock with limonite	s sil	?	↓
S428	Qz vein in the green schist			N.Çam T.
S430	Fractured rock with limonite	m sil, m arg	Şapçı V.	Road
S434	Fractured rock with limonite	s sil		↓
S435	Segregated qz in green schist		Taşdibek T.	Döşeme D.
S437	ditto			↓
S446	Segregated qz in green schist			E.Yellice T.
T444	Limonitic skarn with py	vs sil		W.Tombakburun T.
T445	Limonitic massive rock	s sil, w arg		↓
T452	Oxide copper-galena?-qz			↓
T454	Green schist with py(float)	m sil, w arg		↓
T455	Limonitc rock(skarn, float))	m sil, m arg		↓

Table 3 Description of Chip Samples

Kestane Dagı (1)

No.	Rock Name	Alteration	Formation	Location
C397	White altered rock with limo	w sil, s arg	Şapçı V.	NE.Dere boynu
C400	Massive rock with limonite	s sil		Hacıkar D.
C401	Porous rock with hematite	s sil(alunite)		↓
C404	ditto(trench	vs sil		W.L line
C405	ditto(pit)	vs sil		↓
K557	Brec porous rock with limo	s sil(alunite)		S.Dere boynu
K560	Massive rock with qz veinlet	m sil, m arg	grey qz	NW.Dere boynu
K564	Porous rock with qz veinlet	s sil		↓
K565	Porous rock with limonite	vs sil		W.F line
M458	Grey porous rock	s sil		E.B line
M460	Massive rock with hematite	vs sil(alunite)		E.C line
M462	Brec rock cemented with hem	vs sil		E.G line
M463	Brecciated rock with limonite	vs sil		|
M465	Brec rock cemented with lim	s sil		↓
S448	Masive rock with limonite	s sil, w arg	Kirazlı C.	Kerpiçli gedipi
S449	Segregated qz in mudstone			↓
S452	Qz veinlet in mudstone			S.Kök T.
S455	Brecciated rock with limonite	m sil, m arg	Şapçı V.	N-S line
S456	Porous rock with limonite	vs sil		↓
S457	Brecciated rock with limonite	vs sil		Kirazlı Dagı
S458	Porous rock with hematite	s sil		E.Kirazlı Dagı
S461	Porous rock with limonite	vs sil		N.Kirazlı Dagı
S462	ditto	vs sil		↓
T460	Altered rock with limonite	m sil, w arg		Pekmezdere
T461	ditto	s sil, w arg		↓
T464	Brec rock cemented with lim	m sil, w arg		E.D line
T465	ditto	s sil, w arg		|
T467	Altered rock with limonite	m sil, m arg		|
T468	Massive rock with py diss	s sil		↓
T469	Porous rock with hematite	vs sil		SW.Çatalkaya T.
T470	Altered rock with limonite	m sil, m arg		|
T471	ditto	s sil, m arg		↓
T473	Banded rock with limonite	m sil, m arg		Çatalkaya T.
T474	Brecciated rock with hematite	s sil		|
T475	Massive rock	s sil, w arg		|
T476	Porous rock with hem & limo	m sil, m arg		|
T477	Brec rock with hem & limo	s sil		|
T478	Porous rock with hem & limo	s sil		|
T479	ditto	s sil, w arg		|
T480	Altered rock with limonite	m sil, m arg		|
T481	Banded rock with limonite(Ba)	s sil, m arg		↓
T482	Altered rock with limonite	m sil, m arg		SE.Çatalkaya T.
T483	Brecciated rock	s sil		Çatalkaya T.
T484	Altered rock with limonite	m sil, m arg		W.D line
T485	Hematitic brecciated rock	s sil		Kirazlı Dagı
T486	Massive rock with limonite	s sil		|
T487	Porous rock with limonite	s sil, w arg		|
T488	ditto	s sil, w arg		|
T489	Grey massive rock with limo	vs sil		|
T490	ditto	vs sil		↓

Table 3 Description of Chip Samples

Kestane Dagı (2)

No.	Rock Name	Alteration	Formation	Location
T491	Porous rock with hematite	vs sil	Şapçı V.	Kirazlı Dagı
T492	ditto	vs sil		W.J~K line
T493	Brec rock with limo & hem	s sil		W.K line
T494	ditto	vs sil		W.K~L line
T495	Massive rock with hematite	vs sil		NW.Kirazlı Dagı
T496	Limonitic porous rock	m sil, w arg		W.L line
T497	Brecciated rock with limonite	s sil		↓
T498	Hematitic porous rock	s sil		W.K line
T499	Gossan(hematite-limonite)			W.Kirazlı Dagı
T500	Hematitic massive rock	vs sil		W.I line
T501	Gossan(hematite-limonite)			↓
T502	ditto			↓
T503	Porous rock with hem & limo	vs sil		↓
T504	Gossan(hematite-limonite)			↓
T505	Porous rock with hematite	s sil, w arg		W.J~K line
T506	Porous rock with hem &limo	vs sil		↓
T507	Massive rock with hem(Ba)	s sil, w arg		↓
T508	Hematitic gossan			↓
Y394	Altered rock with limonite	m sil, m arg		Kerpiçli gedigi
Y395	Massive rock with limonite	s sil		↓
Y400	Massive rock with py diss	s sil, w arg		W.A line
Y401	Altered rock with limonite	m sil, m arg		W.D line
Y402	Porous rock with limonite	s sil(alunite)		W.I line
Y403	Massive rock with py diss	s sil, w arg		W.D line
Y404	Massive rock with hem-limo	s sil		W.C line
Y405	Massive rock with py diss	s sil, w arg		W.E line

Table 3 Description of Chip Samples

Piren Tepe (1)

No.	Rock Name	Alteration	Formation	Location
K308	Grey massive rock with limo	vs sil	Şapçı V.	MJTC-2
K310	Banded rock with limonite	s sil		↓
K388	Irregular banded rock	s sil		E Piren T.
K389	Porous rock with limonite	s sil		
K390	ditto	s sil		
K391	Banded rock	s sil		
K392	Massive rock with limonite	vs sil		
K393	ditto	vs sil		
K394	Porous rock with limonite	s sil		
K395	ditto	s sil		
K396	Massive rock with limonite	vs sil		
K397	ditto	vs sil		
K398	Porous rock with limonite	s sil		
K401	Porous rock with limonite	s sil		
K402	ditto	s sil		
K403	ditto	s sil		
K404	Irregular banded rock	vs sil		
K405	Grey irregular banded rock	vs sil		
K406	Massive rock with limonite	s sil		
K407	Massive rock with limonite	vs sil		
K408	Porous rock with limonite	s sil		
K409	Massive rock	vs sil		
K410	Porous rock	vs sil		
K411	Massive rock	vs sil		
K412	Dark grey brecciated rock	vs sil		
K413	Brecciated rock with limonite	s sil		
K416	Irregular banded rock	vs sil		
K417	Massive rock with limonite	vs sil		
K418	Porous rock	s sil		
K419	Massive rock with limonite	s sil		
K420	ditto	s sil		
K421	Limonitic massive rock	vs sil		
K422	ditto	vs sil		
K423	Massive rock	vs sil		
K424	Limonitc massive rock	vs sil		↓
K425	Limonitic brecciated rock	s sil		Belen düzü
K426	Massive rock with lim & qzd	vs sil		↓
M374	Brecciated rock	s sil		E Geldiren T.
M376	ditto	vs sil		
M377	Porous rock with limonite	s sil		
M379	ditto	vs sil		
M380	ditto	vs sil		
M381	Massive rock with limonite	s sil		
M382	Grey massive rock	vs sil		
M383	Grey massive rock with limo	s sil		
M384	Irregular banded rock	vs sil		
M385	Brecciated rock	s sil		
M386	Porous rock with limonite	s sil		
M387	Chocholate fulinty rock	vs sil		
M388	Porous rock with limonite	s sil		↓

Table 3 Description of Chip Samples

Piren Tepe (2)

No.	Rock Name	Alteration	Formation	Location
M389	Brecciated rock	s sil	Şapçı V.	E Geldiren T.
M390	ditto	s sil		
M391	Massive rock with limonite	vs sil		
M392	Grey massive rock	vs sil		
M393	Porous rock with limonite	s sil		
M394	Grey massive rock	s sil		
M395	Porous rock with limonite	s sil		
M396	ditto	s sil		
M397	ditto	s sil		
M398	ditto	s sil		SE Geldiren T.
M399	Limonitic massive rock	vs sil		
M400	Irregular banded rock	vs sil		
M401	Porous rock with limonite	s sil		
M402	Brecciated rock	s sil		
M403	Banded rock	vs sil		
M404	Grey massive rock	vs sil		
M405	Porous rock with limonite	s sil		
M407	Dark grey massive rock	vs sil		S Piren T.
M408	Limonitic rock	s sil		
M409	Massive rock with limonite	vs sil		
P305	Porous rock with limonite	s sil		Geldiren T.
P306	Brecciated rock	s sil		
P307	Porous rock with limonite	s sil		
P308	Brecciated rock with limonite	s sil		
P309	Irregular banded rock	s sil		
P310	Porous rock with limonite	s sil		
P313	ditto	s sil		
P318	Grey massive rock	m sil		
P320	Massive rock	m sil		
P321	ditto	m sil		
P322	Massive rock with limonite	vs sil		
P323	Porous rock with limonite	s sil		S Gediren T.
P324	ditto	s sil		
P325	Irregular banded rock with lim	s sil		
P327	Brecciated rock with limonite	s sil		
P328	Limonitic porous rock	s sil		
S378	Porous rock with limonite	vs sil		N Geldiren T.
S379	ditto	s sil		
T303	Massive rock	m sil, w arg		S Sögüt gedigi
T305	Massive rock with limonite	s sil		
T306	ditto	s sil		
T307	ditto	s sil		MJTC-1
T308	ditto	s sil		
T310	Brecciated rock with limonite	m sil, w arg		S Sögüt gedigi
T311	Porous rock	s sil, w arg		
T370	Sandy tuff	m sil, m arg		
T371	Porous rock with limonite	m sil		
T372	ditto	s sil		
T373	Segregated qz			
T374	Massive rock with limonite	vs sil		NE Geldiren T.

Table 3 Description of Chip Samples

Piren Tepe (3)

No.	Rock Name	Alteration	Formation	Location
T375	Irregular banded rock with lim	s sil	Şapçı V.	NE Geldiren T.
T376	Brecciated rock with limonite	s sil		
T377	Irregular banded rock with lim	s sil		
T378	Porous rock with limo & hem	vs sil		
T379	Massive rock	vs sil		
T380	Irregular banded rock	vs sil		
T381	Brecciated rock	s sil		
T382	Grey massive rock	vs sil		
T383	Porous rock	s sil		W Belen düzü
T384	Porous rock with limonite	s sil, w arg		
T385	Irregular banded rock with lim	s sil		
T386	Massive rock with limonite	vs sil		
T387	Limonitic massive rock	s sil		
T388	Argillizated rock	m sil, s arg		
T389	Limonitic brecciated rock	s sil		
T391	Massive rock	vs sil		
T392	Limonitic brecciated rock	s sil		
T393	Massive rock with limonite	vs sil		
T395	ditto	vs sil		
T396	Grey massive rock with hem	vs sil		
Y343	Porous rock with limonite	vs sil		S Piren T.
Y344	Massive rock with limonite	vs sil		
Y345	Massive rock	s sil		
Y346	Limonitic massive rock	vs sil		
Y347	Porous rock with limonite	s sil		
Y348	Irregular banded rock	vs sil		
Y349	Porous rock with limonite	s sil		
Y350	ditto	s sil		
Y351	Porous brecciated rock	vs sil		
Y352	Massive rock with limonite	vs sil		
Y353	Grey massive rock	s sil		
Y354	ditto	s sil		
Y355	Massive rock with limonite	vs sil		
Y356	Porous rock with limonite	s sil		

Table 3 Description of Chip Samples

Dikmen (1)

No.	Rock Name	Alteration	Formation	Location
C337	Sil rock with limo (massive)	vs sil	Emeşe F.	Sıgırirek D.
C340	Sil rock with limo (porous)	vs sil		↓
C342	ditto	vs sil		NE of 333m
C343	ditto	vs sil		↓
C344	Sil rock with limo & native S	vs sil		SW of 333m
C348	Sil rock with qz vein	vs sil	Intrusive	Sardere
C354	Sil rock with limo (massive)	vs sil	Emeşe F.	↓
C355	Brecciated sil rock with limo	vs sil	Emeşe F.	S of 331m
K329	Qz vein in the granite		Intrusive	S of 292m
K332	Aplitic rock with qz vein	m arg, m sil		NW of 394m
K336	Granite with qz veinlet & Py	w arg, w sil		Kestane D.
K337	Granite with Py	w arg, w sil		↓
K343	Qz-po with qz veinlet	s arg, w sil		↓
K344	Qz veinlet in the granite	s arg, w sil		↓
K346	ditto	s arg, w sil		S of 292m
K347	ditto	s arg, w sil		↓
K350	Aplite with qz veinlet	m arg, w sil		Kestane D.
K352	Granite with py diss	s arg, m sil		↓
K353	Granite with qz veinlet	s arg, w sil		↓
K355	Granite with qz veinlet	s arg, w sil		Lâlebiten T.
K356	ditto	s arg, w sil		↓
K359	ditto	s arg, w sil		↓
K360	ditto	s arg, w sil		↓
K363	Granite with qz veinlet	s arg, w sil		Domuzdamı D.
K364	Sil rock (aplitic) with Py	vs sil		↓
K365	Qz vein in the granite			↓
K366	Aplitic rock with qz veinlet	s sil		↓
K368	Qz vein in granite	s arg, w sil		↓
K369	ditto	s arg, w sil		↓
K370	ditto	s arg, w sil		↓
K371	Granite with qz veinlet	s arg, w sil		↓
K372	Silicified rock with limonite	vs sil		↓
K373	Granite with qz veinlet	s arg, w sil		↓
K375	Sil rock with qz veinlet	s arg, s sil		↓
K376	Granite with qz veinlet	s arg, w sil		↓
K378	Qz-po with qz veinlet	s arg, w sil		↓
K379	Sil rock with qz veinlet	s sil		↓
K380	Qz-po wth qz veinlet & limo	s arg, m sil		↓
K381	Granite with Py diss	s arg, w sil		↓
K383	Qz vein in the granite			↓
K385	Qz vein in the granite (Mo)			Domuzdamı D.
K386	Granite with qz veinlet	s arg, m sil		Lâlebiten T.
K387	Silicified rock	vs sil	Emeşe F.	Sıgırirek D.
M338	Silicified rock with limonite	s sil		↓
M340	ditto	s sil		↓
M343	ditto	vs sil		↓
M345	Limonitic gossan	m sil		↓
M346	Sil rock with qz veinlets	s sil		↓
M347	Ca-sil rock with limo	m arg		Kozalı D.
M348	Limonitic gossan (float)	m arg		↓

Table 3 Description of Chip Samples

Dikmen (2)

No.	Rock Name	Alteration	Formation	Location
M350	Sil rock with qz veinlets	m arg, s sil	Emeşe F.	Kozalı D.
M351	ditto	m arg, s sil		
M353	ditto	m arg, s sil		
M354	Silicified rock	m arg, s sil		N of 236m
M355	ditto	m arg, s sil		
M358	Qz vein with limonite (float)			
M360	Silicified rock	m arg		Domuzdamı D.
M362	Silicified rock with limonite	m arg		
M365	Brecciated rock with limonite	m arg, m sil		Sıgırirek D.
M366	Silicified rock	s sil		
M367	Qz vein (float)			
M370	Sil rock with qz veinlets	vs sil		
M371	Sheared gr with qz veinlets	m arg, m sil	Intrusive	
M372	Silicified rock with limonite	m arg, s sil	Emeşe F.	
S335	Hem-Cal (Ba ?) rock	vs sil		
S341	Hem-limo-ep skarn	vs sil		Sıgırirek D.
S346	Sil rock with epidote	vs sil		Uzunburun T.
S353	Ep-limo-hem rock	vs sil		Dikmenkorusu T
S354	Hem-limo rock	vs sil		
S355	Sil rock with ep & Py	vs sil		
S357	Hem-ep rock	vs sil		
S358	Hemitized rock	vs sil		
S359	Qz vein in the granite		Intrusive	Sıgırirek D.
S360	Qz vein (float)			
S364	Granite with qz veinlet(Mo)	s arg, w sil		Domuzdamı D.
S365	ditto	s arg, w sil		
S367	ditto	s arg, w sil		
T324	Limo rock(porous, brecciated)	vs sil	Emeşe F.	Karaleylek T.
T326	Hem-limo-ep rock	vs sil		Uzunburu T.
T329	Sil rock with oxide Cp ?	s sil		Sıgırirek D.
T330	Ep-limo rock (porous)	s sil		
T331	Limo rock with qz veinlet	s sil		
T336	Limo-ep-cal rock with oxide Cp	s sil		
T348	Qz in the granite	s arg, w sil	Intrusive	Domuzdamı D.
T351	Aplite with qz veinlet (Mo,Py)	s arg, w sil		
T353	Qz vein in the granite	s arg, w sil		
T355	ditto	s arg, w sil		
T356	Qz vein in the granite(Mo?,Py)			
T359	Qz vein in the granite (Mo)			
T362	Aplite with qz veinlet(float)	m arg, s sil		
T364	Qz vein in the gr(Mo,Py,float?)			
Y313	Silicified rock	vs sil	Emeşe F.	Sıgırirek D.
Y314	ditto	vs sil		
Y315	ditto	vs sil		
Y316	ditto	m arg, s sil		
Y317	Silicified part in the granite	vs sil	Intrusive	
Y319	Granite with qz veinlet (Py)	s arg, m sil		
Y321	ditto	s arg, m sil		
Y323	Granite with qz veinlet(Py)	s arg, m sil		
Y324	Granite with Mo diss	w arg, w sil		

Table 3 Description of Chip Samples

Dikmen (3)

No.	Rock Name	Alteration	Formation	Location
Y325	ditto	s arg, m sil	Intrusive	Sıgırirek D.
Y326	Qz-po with qz veinlet(Py,Mo)	s arg, m sil		
Y327	Granite	w arg, w sil		
Y328	Qz-po with qz veinlet(Py)	m arg, s sil		
Y329	Granite	w arg, w sil		
Y332	Qz-po with qz veinlet(Py)	s arg, m sil		
Y333	Qz-po with Py diss	w arg, w sil		
Y334	Qz vein in the qz-po (Py)			
Y337	Silicified rock	vs sil	Emeşe F.	
Y339	Qz-po with qz veinlet	s arg, m sil	Intrusive	
Y340	ditto (Cp)	s arg, m sil		
Y342	ditto (Mo, Py, Oxide Cp)	s arg, m sil		

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (1)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
HB053	84500	30145	10	4	1	1	1	0.1	5	0.2	60	140	80	0.5
HB054	84100	30215	10	3	1	1	1	0.1	5	0.2	20	50	50	0.2
HB055	84105	30225	<5	3	2	4	2	0.1	7	0.2	20	50	1400	0.2
HB056	83815	30410	<5	1	1	5	1	0.1	3	0.2	10	80	30	0.1
HB057	83685	30455	65	5	9	14	4	0.1	6	0.2	20	120	30	0.2
HB060	83500	30640	240	17	36	31	19	0.1	30	0.2	10	140	110	0.2
HB061	83500	30665	95	6	1	53	2	0.1	4	0.2	10	110	70	0.2
HB062	83320	30845	50	2	1	3	2	0.1	11	0.2	10	70	50	0.1
HB063	83320	30845	35	21	3	3	33	0.1	22	1.0	20	110	110	0.2
HB065	82925	30865	45	3	8	3	4	0.1	5	1.4	20	60	30	0.2
HB066	82925	30865	45	3	7	3	2	0.1	6	0.4	10	200	30	0.2
HB067	82770	30905	<5	11	21	5	1	0.1	17	1.0	230	150	50	0.2
KB078	82180	30125	5	3	1	1	2	0.1	5	0.2	20	80	50	0.1
KB079	82290	30140	15	1	1	1	2	0.1	5	0.2	20	50	30	0.1
KB080	82415	30170	15	7	1	37	3	0.1	10	0.2	20	70	110	0.2
KB081	82530	30185	65	14	1	74	6	0.1	12	0.2	40	80	140	0.1
KB082	82660	29850	<5	12	1	10	11	0.1	5	0.2	20	200	160	1.2
KB083	82660	29860	<5	5	1	4	12	0.1	6	0.2	20	110	70	0.4
KB085	82725	29870	30	62	3	61	29	0.1	210	6.4	40	110	60	0.2
KB086	82900	29825	10	21	1	6	16	0.1	14	0.2	50	90	40	0.1
KB087	83050	29800	10	4	1	8	8	0.1	9	1.0	10	340	440	0.8
KB088	83475	29520	3050	7	1	34	7	0.1	5	0.2	30	80	30	0.5
KB089	84185	29890	10	5	1	11	4	0.1	5	0.2	20	740	330	0.1
KB098	85995	28580	<5	9	1	5	18	0.1	9	0.2	120	120	330	1.1
KS131	84830	30605	<5	3	3	3	5	0.1	15	0.2	290	170	70	0.1
KS132	84220	30500	170	6	25	37	11	0.1	14	0.2	50	300	690	0.4
KS133	84055	30525	55	3	1	26	3	0.1	5	0.2	40	570	270	0.2
KS134	83780	30900	60	4	1	3	3	0.1	4	0.2	30	320	30	0.1
KS136	83710	31010	20	4	1	3	5	0.1	6	0.2	40	170	90	0.1
KS137	83690	31195	15	2	1	6	1	0.1	4	0.2	30	840	400	0.1
KS141	82720	31150	<5	5	4	17	10	0.1	19	0.2	160	150	50	0.1
KS196	82270	29005	<5	9	1	25	40	0.1	6	0.2	30	220	90	0.1
KS197	82090	30270	35	8	1	18	4	0.1	7	3.0	20	50	50	0.1
KS199	82130	30365	<5	30	1	11	6	0.1	45	2.0	1700	80	250	0.1
KS200	82220	30405	<5	4	1	11	1	0.1	5	0.2	50	200	30	0.1
KS201	82315	30410	45	3	1	7	4	0.1	6	0.2	70	60	60	0.1
KS202	82410	30450	<5	7	1	43	3	0.1	25	0.2	60	50	50	0.5
KS203	82495	30450	15	13	1	10	4	0.1	25	0.4	230	140	70	0.2
KS204	82695	30450	5	14	1	800	4	0.1	180	0.2	70	70	550	0.3
KS205	82720	30380	145	3	2	68	3	2.2	9	0.4	40	60	90	0.2
KS206	82640	30280	<5	6	1	26	4	0.1	12	0.2	20	420	110	0.2
KS209	83180	30045	10	38	1	13	5	0.1	32	0.2	20	360	110	1.9
KS210	83180	30045	130	28	1	67	6	1.0	32	6.0	430	350	200	0.1
KS211	83160	29950	35	7	1	54	35	0.1	80	0.2	40	750	250	0.1
KS212	83185	29890	15	3	1	36	9	0.1	15	0.2	50	400	160	0.7
KS213	83470	29705	35	5	1	1	4	0.1	5	0.2	20	160	40	0.1
KS214	83350	29980	25	3	1	6	4	0.1	9	0.2	20	210	30	0.1
KS215	83185	30180	40	36	16	128	41	0.2	7	0.2	50	100	30	0.1
KS216	83155	30285	15	3	1	21	2	0.2	5	0.2	20	40	30	0.1
KS217	83050	30505	70	25	7	120	24	0.1	50	0.4	20	110	990	0.3

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (2)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
KS218	82800	30700	50	7	3	22	6	0.1	11	0.2	20	120	50	0.1
SR070	83650	31285	<5	3	1	4	20	0.1	9	0.2	40	110	50	0.1
SR071	83735	31350	<5	2	1	9	11	0.1	36	0.2	20	790	90	0.1
SR073	83890	31425	<5	6	6	3	7	0.1	12	0.2	40	400	50	0.1
SR074	83875	31460	<5	1	1	16	1	0.1	6	0.2	20	950	250	0.1
SR120	82160	28265	10	23	4	120	27	0.2	60	0.8	140	80	150	0.5
SR121	82220	28260	20	21	1	375	560	3.7	50	1.0	18000	160	160	4.1
SR124	84145	28455	<5	21	1	5	19	0.1	14	0.2	850	50	160	2.7
SR125	85315	28775	<5	7	1	16	10	0.1	10	0.2	40	60	50	0.2
SR127	85385	29355	200	7	1	5	2	0.1	5	0.2	60	90	90	0.1
SR128	84990	30090	<5	8	2	7	2	0.1	7	0.2	50	50	690	0.1
C302	82410	30105	25	2	1	5	2	<0.5	3	<0.2	70	100	40	0.1
C304	82415	30150	690	22	7	50	4	<0.5	90	2.0	540	60	40	0.1
C305	82495	30155	125	3	2	5	2	<0.5	9	0.2	100	520	60	0.3
C307	82445	30075	275	2	2	35	2	<0.5	15	<0.2	30	320	100	0.1
K301	83100	30920	<5	6	7	60	4	<0.5	85	<0.2	30	30	40	0.2
K303	83510	30765	60	22	34	<5	12	<0.5	23	<0.2	40	290	60	0.2
K304	83500	30810	<5	1	11	<5	<2	<0.5	1	<0.2	20	40	40	0.1
K305	83395	30825	<5	4	2	5	8	<0.5	3	<0.2	20	50	40	0.2
K311	83420	30610	<5	2	1	10	<2	<0.5	9	<0.2	10	70	120	0.1
K313	83485	30415	30	15	5	5	4	<0.5	7	<0.2	10	40	80	0.1
K314	83415	30340	25	2	38	25	2	<0.5	6	<0.2	20	270	180	<0.1
K315	83385	30325	45	3	21	5	2	<0.5	11	<0.2	10	210	40	<0.1
K319	83500	30490	<5	2	11	10	<2	<0.5	3	<0.2	10	200	140	<0.1
K320	83505	30500	35	2	42	10	4	<0.5	6	0.2	10	170	140	<0.1
K321	83520	30525	65	26	11	35	12	<0.5	11	5.2	10	150	240	0.2
K322	83535	30475	80	2	2	<5	2	<0.5	2	<0.2	10	190	40	<0.1
K323	83555	30465	95	1	2	<5	<2	<0.5	1	<0.2	10	60	20	<0.1
K324	83595	30465	65	2	7	<5	<2	<0.5	1	<0.2	10	70	20	<0.1
K325	83625	30485	240	3	2	<5	2	<0.5	3	<0.2	10	50	20	<0.1
K326	83665	30465	20	4	2	<5	<2	<0.5	1	<0.2	10	110	20	<0.1
K327	83705	30460	110	2	2	5	<2	<0.5	1	<0.2	10	70	40	<0.1
K428	83815	30380	40	3	3	5	<2	<0.5	1	<0.2	90	60	40	0.1
K430	83820	30255	15	5	21	<5	4	<0.5	6	<0.2	60	40	60	0.1
K431	83810	30240	440	2	3	5	2	<0.5	1	<0.2	40	120	60	0.1
K433	83370	30315	25	3	36	30	8	<0.5	45	0.4	20	200	160	0.1
K434	83350	30290	10	6	1	<5	2	<0.5	12	<0.2	20	240	100	0.1
K435	83340	30275	25	2	6	<5	<2	<0.5	1	<0.2	20	140	60	0.1
K436	83315	30165	60	3	3	30	2	<0.5	1	<0.2	20	190	140	0.1
K437	83305	30160	35	4	2	35	2	<0.5	1	<0.2	20	210	140	<0.1
K438	83300	30165	<5	205	41	<5	32	<0.5	20	7.0	20	50	60	0.2
K439	83320	30185	15	8	12	100	4	<0.5	19	1.8	20	60	100	0.1
K440	83320	30350	15	11	148	5	4	<0.5	19	1.0	20	80	80	0.1
K441	83320	30630	35	8	<1	<5	12	<0.5	6	<0.2	20	n.s.s.	80	<0.1
K442	83285	30615	45	9	12	30	6	<0.5	5	<0.2	30	40	120	0.1
K443	83240	30555	30	16	474	100	12	<0.5	260	1.2	20	540	540	0.1
K444	83175	30495	<5	1	10	<5	<2	<0.5	1	<0.2	20	50	40	<0.1
K445	83275	30370	<5	6	5	15	<2	<0.5	2	<0.2	20	220	140	<0.1
K447	83325	30460	10	6	8	5	2	<0.5	1	<0.2	20	120	240	<0.1
K449	83280	30410	15	14	11	70	6	<0.5	39	2.8	30	510	880	0.1

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (3)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	P ppm	Ba ppm	Tl ppm
K450	83275	30400	20	19	10	45	6	<0.5	17	1.2	20	180	940	0.6
K467	82725	29880	160	70	12	20	26	<0.5	100	0.4	20	90	160	1.0
K468	82730	29800	30	11	4	20	12	1.0	45	10.4	80	140	100	0.2
K469	82715	29775	<5	13	3	115	6	1.0	65	1.8	40	120	60	<0.1
K470	82680	29775	<5	11	<1	<5	2	<0.5	30	<0.2	60	100	120	0.8
K473	83060	30135	80	3	1	30	2	<0.5	35	0.2	30	110	220	0.1
K475	83095	30150	<5	13	2	5	6	<0.5	14	1.6	30	250	600	<0.1
K476	83095	30150	<5	19	1	20	12	<0.5	19	1.0	10	340	560	<0.1
K477	83110	30120	<10	17	2	10	14	<0.5	24	0.4	50	240	60	<0.1
K479	83185	30125	25	92	5	180	26	<0.5	320	13.0	30	460	380	0.6
K480	83155	30110	10	9	<1	30	10	<0.5	165	10.0	40	860	120	0.1
K482	83195	30075	280	68	6	55	36	<0.5	60	0.2	70	150	900	<0.1
K483	83175	30070	10	47	<1	5	12	<0.5	43	1.4	40	400	220	2.8
K484	83185	30075	70	12	1	45	6	<0.5	11	1.8	80	360	240	0.5
K487	83170	29975	30	6	3	50	42	<0.5	85	1.0	30	820	360	0.1
K488	83165	29920	15	8	<1	5	4	<0.5	17	2.4	30	350	300	1.4
K491	83255	29760	130	80	9	25	116	<0.5	320	9.8	40	140	420	0.1
K492	83260	29750	60	29	<1	20	18	<0.5	23	0.2	20	70	340	<0.1
K493	83290	29685	35	2	1	<5	<2	<0.5	2	<0.2	20	80	20	<0.1
K494	83355	29665	<5	4	1	5	6	<0.5	4	<0.2	20	110	60	<0.1
K496	83515	29555	15	3	1	<5	2	<0.5	6	1.2	20	130	300	0.3
K550	82110	28600	20	12	4	30	4	<0.5	16	0.8	250	40	740	0.1
M301	82395	30170	25	9	1	30	4	<0.5	10	<0.2	30	80	160	<0.1
M302	82350	30145	5	23	3	60	16	<0.5	48	0.8	80	50	860	<0.1
M303	82400	30235	1310	9	3	20	2	<0.5	11	<0.2	150	40	1080	<0.1
M304	82520	30255	60	5	1	50	6	<0.5	7	1.0	30	60	100	<0.1
M305	82570	30240	185	13	2	100	12	<0.5	50	0.2	360	270	260	<0.1
M306	82640	30280	1150	3	1	700	6	<0.5	110	<0.2	40	250	80	<0.1
M307	82600	30325	50	5	3	205	6	<0.5	38	0.6	40	450	220	0.1
M309	82625	30385	20	3	1	10	<2	<0.5	2	<0.2	30	240	40	<0.1
M310	82505	30445	<5	4	4	340	2	<0.5	130	<0.2	20	50	5000	<0.1
M311	82450	30435	130	12	4	25	6	<0.5	10	<0.2	100	140	140	0.1
M312	82420	30375	65	4	6	15	<2	<0.5	5	1.0	40	190	140	<0.1
M313	82205	30120	<5	44	11	10	10	<0.5	50	2.4	100	160	500	1.7
M314	82165	30135	<5	5	8	<5	4	<0.5	5	<0.2	30	60	40	<0.1
M315	82200	30360	<5	10	10	25	2	<0.5	210	<0.2	60	70	8200	<0.1
M316	82765	30175	30	9	6	100	8	<0.5	50	0.8	80	220	240	0.1
M318	83080	30380	15	4	4	40	4	<0.5	24	1.4	20	660	480	1.0
M319	83020	30425	<5	108	2	25	46	<0.5	14	1.8	20	190	300	0.2
M320	82980	30435	<5	19	3	15	6	<0.5	33	1.0	20	220	840	<0.1
M322	82165	30055	15	21	16	5	14	<0.5	150	0.2	30	120	40	<0.1
M323	82205	30025	20	5	2	5	4	<0.5	6	0.4	30	220	200	<0.1
M324	82235	30015	125	20	<1	<5	2	<0.5	41	1.0	40	80	80	<0.1
M325	82345	29975	125	8	3	25	10	<0.5	51	0.2	100	580	220	0.2
M326	82455	29980	205	4	1	35	8	<0.5	6	<0.2	30	220	140	0.4
M327	82625	30050	<5	6	3	50	4	<0.5	90	<0.2	20	380	540	<0.1
M328	82780	30085	20	3	4	5	<2	<0.5	3	<0.2	20	160	40	<0.1
M329	83080	29980	60	24	1	165	22	<0.5	29	3.2	340	150	160	<0.1
M330	82960	29850	45	18	16	10	32	<0.5	55	<0.2	30	60	80	<0.1
M331	83000	29815	10	6	6	5	48	<0.5	80	0.4	20	320	840	<0.1

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (4)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
M332	83215	29640	15	5	1	<5	2	<0.5	10	<0.2	750	60	400	<0.1
M333	83225	29635	10	4	2	15	6	<0.5	4	<0.2	30	160	80	<0.1
M334	83360	29480	<5	4	1	<5	4	<0.5	14	<0.2	20	180	700	<0.1
M335	83280	29505	20	41	4	10	8	<0.5	10	1.0	50	170	500	0.2
M415	82775	29840	<5	6	1	20	4	<0.5	29	<0.2	80	100	140	0.9
M416	82820	29835	<5	5	1	<5	4	<0.5	4	<0.2	40	40	40	<0.1
M417	82820	29835	10	27	2	10	10	<0.5	33	<0.2	40	30	20	<0.1
M418	82825	29775	75	155	4	15	42	<0.5	55	<0.2	20	340	280	1.2
M419	82860	29795	5	3	1	<5	<2	<0.5	3	<0.2	30	40	20	<0.1
M420	82880	29795	<5	3	<1	35	<2	<0.5	3	<0.2	20	340	320	<0.1
M421	82930	29795	35	16	2	5	2	<0.5	17	0.2	30	140	140	0.6
M422	82950	29790	<5	52	3	<5	22	<0.5	43	<0.2	50	180	100	0.6
M423	83015	29805	15	10	1	5	2	<0.5	6	<0.2	30	130	40	<0.1
M424	83055	29785	125	3	1	10	<2	<0.5	2	<0.2	40	70	40	<0.1
M425	83155	29610	<5	6	18	50	18	<0.5	30	1.4	20	180	120	0.1
M427	83045	29920	<5	11	1	<5	16	<0.5	7	<0.2	20	60	40	<0.1
M428	83040	29970	<5	5	2	5	2	<0.5	22	1.0	120	180	160	<0.1
M449	84235	28050	<5	180	11	20	14	<0.5	100	2.2	770	60	1720	0.5
M450	83980	28350	<5	17	6	5	14	<0.5	19	0.4	160	30	240	<0.1
M451	84350	28710	<5	16	2	570	32	0.5	22	<0.2	410	40	80	1.3
M452	84340	28705	<5	10	3	10	2	<0.5	5	<0.2	110	40	100	<0.1
M453	84140	28930	<5	20	5	500	74	<0.5	60	0.2	1600	30	600	<0.1
M454	83760	28805	<5	26	2	5	2	<0.5	19	<0.2	320	110	660	1.4
M455	83415	28715	<5	14	16	25	18	<0.5	10	<0.2	480	100	2800	0.2
P339	82295	30625	25	5	3	20	4	<0.5	10	<0.2	40	60	80	<0.1
P340	82335	30635	<5	154	6	<5	94	<0.5	2	0.2	30	40	240	<0.1
P342	82565	30645	<5	5	2	<5	<2	<0.5	10	<0.2	50	40	360	<0.1
P343	82550	30685	<5	84	2	1900	4	<0.5	150	4.0	140	50	1120	1.7
P345	82375	30855	<5	4	22	25	<2	<0.5	15	<0.2	40	40	60	0.7
P346	82420	30375	70	3	6	10	<2	<0.5	9	0.4	70	50	520	<0.1
P348	82170	30385	<5	65	6	5	8	<0.5	55	1.6	3700	45	440	0.1
P349	82080	30445	<5	3	4	<5	<2	<0.5	23	1.0	860	20	100	0.2
P350	82590	30485	15	7	2	220	2	<0.5	48	2.0	130	30	740	0.2
P351	82735	30470	260	4	6	140	2	<0.5	63	1.2	100	210	80	2.3
P352	82765	30505	95	4	8	5	<2	<0.5	9	1.2	100	130	40	0.1
P353	82785	30535	<5	6	18	5	<2	<0.5	16	<0.2	100	60	80	0.1
P354	82810	30590	10	64	3	180	8	<0.5	24	6.0	520	68	840	1.3
S301	82890	30825	35	7	7	25	<2	<0.5	7	4.0	200	570	700	3.7
S302	82865	30815	40	24	38	25	2	<0.5	46	1.4	880	300	520	0.2
S312	82865	30915	<5	9	3	5	2	<0.5	10	1.4	70	380	900	0.2
S314	82925	30885	55	4	2	<5	<2	<0.5	9	0.2	50	280	60	<0.1
S315	82830	30865	25	4	56	30	<2	<0.5	5	0.4	40	240	120	<0.1
S316	82800	30865	75	7	44	15	2	<0.5	24	1.6	20	500	360	<0.1
S318	82765	30870	60	8	17	5	<2	<0.5	16	2.8	110	80	1940	<0.1
S319	82925	30865	<5	4	22	<5	4	<0.5	6	0.4	30	500	80	<0.1
S320	82995	30825	340	61	78	5	8	0.5	150	1.2	50	500	360	0.1
S321	82980	30790	10	7	56	75	<2	<0.5	7	<0.2	20	170	60	0.1
S382	82955	31210	<5	9	6	10	2	<0.5	41	2.4	60	340	640	0.7
S385	82640	31860	<5	3	6	5	<2	<0.5	4	<0.2	60	170	100	0.2
S388	82885	30800	<5	6	24	10	2	<0.5	10	1.0	50	680	560	1.5

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (5)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
S392	83065	30605	<5	2	36	30	<2	<0.5	3	<0.2	40	580	180	0.1
S393	83095	30605	15	25	18	<5	20	<0.5	25	9.0	20	70	20	<0.1
S394	83125	30670	50	1	18	15	<2	<0.5	15	<0.2	20	370	400	<0.1
S395	83045	30585	75	39	125	15	4	<0.5	12	3.2	20	270	580	0.1
S396	83005	30575	35	4	43	50	<2	<0.5	15	0.4	20	630	500	0.1
S397	82890	30675	45	7	17	5	<2	<0.5	5	<0.2	10	310	80	0.1
S398	82905	30790	60	12	23	20	<2	0.5	19	2.8	50	50	660	<0.1
S399	82795	30720	35	10	31	5	<2	<0.5	55	0.2	20	230	120	0.1
S401	82595	30790	<5	7	3	740	<2	<0.5	17	1.2	400	60	360	<0.1
S402	82620	30925	<5	4	34	440	<2	<0.5	80	7.2	150	30	420	0.3
S403	82825	31110	<5	3	3	5	<2	<0.5	15	1.2	40	680	640	0.8
S404	83200	31010	55	57	10	20	2	<0.5	9	2.0	80	670	720	1.6
T399	83645	31420	<5	29	12	15	68	<0.5	50	0.4	80	130	80	<0.1
T400	83670	31480	<5	2	4	10	<2	<0.5	5	0.2	50	950	940	<0.1
T401	83675	31455	<5	60	2	90	248	<0.5	3	0.2	110	410	120	0.1
T402	83600	31435	<5	2	5	<5	<2	<0.5	2	<0.2	60	240	60	<0.1
T403	83540	31455	<5	4	4	<5	2	<0.5	6	<0.2	50	250	80	<0.1
T404	83765	31360	10	16	4	<5	6	<0.5	3	0.4	150	250	100	<0.1
T405	83800	31400	<5	12	8	20	40	<0.5	7	0.8	270	500	140	<0.1
T406	83800	31150	<5	8	4	5	2	<0.5	32	2.0	70	480	200	<0.1
T407	83785	31145	<5	14	9	<5	16	<0.5	50	0.6	50	370	140	<0.1
T409	83670	31605	<5	4	4	5	<2	<0.5	7	0.6	300	120	80	<0.1
T410	83645	31625	<5	1	1	<5	<2	<0.5	1	0.2	60	460	220	<0.1
T411	83690	31800	760	10	8	165	<2	0.5	65	7.2	35000	70	3700	<0.1
T412	83505	31335	60	1	55	<5	28	<0.5	140	0.2	70	170	60	<0.1
T414	83485	31845	35	10	11	60	96	0.5	2	<0.2	210	180	40	<0.1
T415	84495	31055	90	3	4	<5	<2	<0.5	2	<0.2	90	70	140	0.1
T416	84370	31365	40	3	36	<5	<2	<0.5	1	<0.2	80	40	280	0.1
T417	84545	31245	<5	18	3	15	2	<0.5	27	3.0	510	250	420	0.2
T418	84510	31240	60	20	7	100	14	<0.5	130	4.8	820	120	2500	0.2
T419	84500	31250	10	6	5	5	<2	<0.5	4	0.2	500	50	220	<0.1
T420	84890	31940	<5	2	<1	10	4	<0.5	10	<0.2	50	310	380	0.1
T421	84905	31935	<5	5	1	15	22	<0.5	14	0.4	50	330	520	0.1
T422	84930	31600	<5	16	5	50	38	<0.5	11	7.2	6600	50	140	0.5
T423	84870	30830	<5	30	6	10	6	<0.5	29	0.2	150	40	300	2.8
T424	84885	30830	<5	12	4	15	4	<0.5	19	<0.2	210	30	380	0.1
T425	85190	30775	5	10	2	<5	2	<0.5	4	<0.2	710	40	500	0.5
T428	85470	29460	<5	8	10	<5	<2	<0.5	2	0.4	160	40	960	0.1
T429	82315	28200	<5	3	4	10	<2	<0.5	7	0.2	110	30	660	0.1
T430	83470	29405	<5	31	10	5	38	<0.5	70	3.8	60	530	680	0.3
T431	83445	29430	<5	15	2	5	10	<0.5	19	3.8	190	450	440	0.1
T432	83330	29315	<5	3	1	<5	<2	<0.5	3	0.2	110	130	20	0.1
T435	83125	29340	140	15	<1	20	<2	<0.5	45	0.4	70	620	200	0.1
T436	82780	28795	<5	2	2	<5	<2	<0.5	6	0.2	690	580	100	0.9
T437	83120	29680	60	15	3	35	20	<0.5	23	0.4	100	600	520	0.4
T438	83520	29500	65	14	1	25	46	<0.5	9	0.2	90	240	40	0.1
T439	83270	29350	<5	59	8	55	138	<0.5	53	0.6	90	540	520	0.4
T440	83175	29395	10	4	6	5	8	<0.5	6	<0.2	40	430	40	0.1
T442	83165	29620	90	16	197	95	8	<0.5	29	1.0	50	560	200	0.4
T443	83135	29620	70	8	3	25	<2	<0.5	14	3.6	30	500	320	0.3

Table 4 The Chemical Analysis of Chip Samples

Arlık Dere (6)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
Y301	83300	30725	40	107	17	10	22	<0.5	60	1.2	60	60	40	<0.1
Y302	83400	30645	65	16	1	10	<2	<0.5	5	<0.2	20	240	500	0.2
Y303	83560	30645	45	1	7	<5	<2	<0.5	4	<0.2	90	50	20	0.1
Y306	83245	30900	10	31	9	<5	20	<0.5	145	0.4	30	240	80	0.1
Y307	83380	30960	45	6	9	<5	<2	<0.5	3	0.4	30	50	3700	<0.1
Y308	83485	30970	15	4	4	<5	<2	<0.5	4	<0.2	20	120	40	0.1
Y357	83585	31080	5	3	3	<5	2	<0.5	11	<0.2	40	140	80	<0.1
Y358	83665	31230	<5	13	4	15	2	<0.5	15	0.6	40	580	720	<0.1
Y359	83665	31245	20	9	6	5	6	<0.5	14	<0.2	20	630	820	<0.1
Y360	83680	31225	15	15	13	<5	24	<0.5	27	<0.2	20	430	320	<0.1
Y361	83735	31120	10	9	6	<5	12	<0.5	36	1.0	10	480	100	<0.1
Y363	83670	30995	20	3	4	<5	2	<0.5	5	<0.2	50	200	60	<0.1
Y366	83840	30745	60	2	1	5	<2	<0.5	2	<0.2	50	440	740	0.5
Y367	83880	30745	<5	4	13	<5	12	<0.5	22	<0.2	30	220	60	<0.1
Y368	83400	30285	65	4	6	5	4	<0.5	9	0.2	20	150	80	<0.1
Y369	83385	30260	30	2	5	<5	<2	<0.5	3	<0.2	20	160	60	<0.1
Y370	83395	30130	<5	2	4	5	2	<0.5	4	<0.2	20	280	80	<0.1
Y372	83325	29940	<5	2	8	35	6	<0.5	24	<0.2	30	110	60	<0.1
Y373	83340	29935	<5	1	4	20	<2	<0.5	6	0.2	20	150	40	<0.1
Y374	83345	29900	15	3	4	20	4	<0.5	38	<0.2	110	120	80	<0.1
Y375	83385	29835	30	2	3	<5	<2	<0.5	4	<0.2	30	120	10	<0.1
Y377	83635	29680	30	45	214	55	26	<0.5	70	<0.2	30	180	340	0.2
Y378	83685	29685	<5	1	5	5	<2	<0.5	3	<0.2	20	190	160	<0.1
Y379	83700	29750	10	1	22	125	<2	<0.5	25	<0.2	20	170	140	<0.1
Y380	83695	29805	45	2	11	5	<2	<0.5	12	<0.2	10	60	40	<0.1
Y381	83760	29795	45	2	3	5	<2	<0.5	3	<0.2	20	80	60	<0.1
Y382	83745	29735	40	1	2	5	<2	<0.5	3	<0.2	10	110	80	<0.1
Y383	83765	29890	35	3	3	<5	<2	<0.5	3	<0.2	10	80	40	<0.1
Y387	83810	29740	30	2	48	<5	2	<0.5	27	<0.2	10	50	20	<0.1
Y388	83935	30200	10	10	34	30	10	<0.5	16	<0.2	10	200	200	<0.1
Y389	83780	30095	<5	2	4	<5	<2	<0.5	3	<0.2	10	100	60	0.2
Y390	83555	29870	30	2	1	<5	<2	<0.5	2	<0.2	10	120	160	0.1

Table 4 The Chemical Analysis of Chip Samples

Kraibrahimler (1)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
KB064	80715	27500	<5	14	1	10	5	0.1	60	0.2	50	160	30	0.9
KB065	80705	27505	80	7	1	10	3	0.1	25	1.0	150	780	70	0.1
KB066	81335	27790	15	30	3	37	21	0.1	150	0.2	30	360	380	0.2
KB067	81395	27820	<5	4	2	1	12	0.1	70	0.2	20	230	30	0.2
KB069	80815	30435	5	48	1	1	48	0.1	7	0.2	10	300	270	1.2
KB071	80880	30315	<5	4	1	1	103	0.1	6	0.2	20	250	490	0.8
KB072	80920	30295	50	51	21	750	93	1.5	1000	4.0	1900	220	1000	3.9
KB073	80935	30295	10	18	1	23	54	0.2	70	0.4	450	280	690	5.8
KB074	81200	30170	40	90	3	84	17	2.2	14	3.6	120	80	180	0.4
KB075	81260	30330	<5	5	21	47	11	0.1	60	0.2	50	1650	440	0.7
KB076	81310	29885	<5	35	1	40	470	0.1	22	0.2	20	320	360	2.0
KB077	81995	30090	<5	14	1	5	22	0.1	32	0.2	40	210	50	0.2
KB090	81115	29885	<5	3	1	35	46	0.1	6	0.2	20	130	120	0.3
KB091	81135	29685	40	12	1	11	5	0.1	6	0.2	20	80	30	0.2
KB092	79985	29375	<5	39	18	144	800	0.3	790	0.2	30	50	30	0.3
KB093	79905	29245	<5	96	1	1	134	0.1	10	0.2	20	420	30	0.1
KB094	79830	28925	30	19	4	10	5	0.1	190	0.4	310	160	160	0.1
KB095	80420	28675	<5	394	1	1	168	0.1	90	0.2	350	280	30	0.6
KB096	80505	28460	<5	44	1	1	108	0.1	5	0.2	30	370	40	0.1
KB149	79925	28635	<5	12	1	2	4	0.1	170	0.2	220	90	120	0.1
KB155	79220	27835	<5	92	1	10	475	0.1	160	0.2	250	180	40	0.1
KB158	80315	27335	<5	18	1	1	17	0.1	35	1.0	30	220	360	0.2
KB159	80785	27275	<5	15	1	5	33	0.1	14	0.2	30	460	440	1.0
KB160	81580	27435	<5	20	7	13	34	0.1	140	0.2	30	160	330	0.4
KB161	81820	27455	10	30	37	3	4	0.1	9	0.4	40	80	40	0.3
KS175	79280	29150	<5	5	1	7	3	0.1	5	0.2	30	50	310	0.4
KS185	80020	29730	25	700	34	>10000	3200	15.4	1600	0.2	820	90	310	0.3
KS186	80110	29750	225	6800	41	>10000	9000	100.0	680	0.4	950	140	20	0.1
KS187	80035	29910	<5	11	1	25	50	0.1	6	0.2	70	110	30	0.2
KS188	80060	30000	30	244	12	16	218	3.5	300	5.4	140	80	710	2.9
KS189	79985	30185	<5	3	1	4	1	0.1	4	0.2	20	40	20	0.1
KS191	80170	29445	<5	39	2	295	122	0.5	60	0.2	30	80	50	0.5
KS193	81145	29060	<5	6	1	18	4	0.1	29	0.2	720	50	200	1.0
KS194	81235	29050	<5	4	1	3	2	0.1	4	0.2	50	70	2600	0.2
C357	79745	29505	<5	20	62	15	20	<0.5	11	0.6	700	120	100	0.2
C358	79600	28190	10	9	10	50	30	<0.5	440	1.4	420	200	60	0.3
C360	80070	28105	<5	19	5	15	6	<0.5	670	0.6	210	100	140	0.8
C361	80405	27770	35	167	<1	5	110	<0.5	130	0.2	140	130	60	0.5
C365	79560	27935	<5	98	<1	5	116	<0.5	6	1.6	60	250	100	0.5
C368	79660	30755	<5	98	<1	50	12	0.5	170	0.2	1100	40	40	0.5
C371	79960	30330	<5	31	4	10	10	<0.5	65	0.6	100	370	220	0.6
C372	79910	29950	110	18	3	5	42	<0.5	1	<0.2	20	260	620	0.5
C373	79675	30075	<5	117	<1	25	56	<0.5	170	0.2	90	20	120	0.1
C374	79665	30055	<5	7	<1	5	44	<0.5	5	<0.2	20	110	1160	1.6
C378	80750	29670	20	34	25	>10000	2260	1.0	7200	0.4	3700	60	2100	1.5
C379	80855	29435	<5	9	5	190	60	<0.5	11	<0.2	50	100	100	0.3
C380	80880	29430	<5	20	2	35	42	<0.5	10	<0.2	20	630	760	1.1
C381	80950	29390	<5	17	5	90	74	<0.5	75	<0.2	250	60	60	0.8
C383	80000	30565	<5	310	<1	140	192	<0.5	45	<0.2	110	40	140	0.1
K453	81535	29675	30	93	<1	15	270	<0.5	230	<0.2	20	200	40	0.1

Table 4 The Chemical Analysis of Chip Samples

Kraibrahimler (2)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
K454	81530	29690	<5	95	1	35	36	0.5	23	<0.2	20	60	40	0.2
K455	81520	29680	<5	10	<1	<5	48	<0.5	3	<0.2	10	50	140	0.3
K456	81545	29575	<5	100	<1	<5	68	<0.5	39	<0.2	20	200	280	0.5
K459	81660	29330	<5	17	2	5	50	<0.5	2	<0.2	20	240	300	0.5
K460	81955	28995	<5	305	<1	5	1590	<0.5	10	<0.2	20	200	200	0.5
K461	81970	28980	65	183	1	120	430	<0.5	120	0.4	150	50	60	0.2
K500	80560	28985	10	14	<1	10	52	<0.5	50	<0.2	20	180	240	0.3
K506	81525	28420	490	27	7	50	6	2.0	65	12.0	3000	100	20	0.4
K507	81740	28530	120	19	1	50	4	2.0	55	0.2	20	40	20	0.2
K508	80470	29650	10	82	10	525	290	<0.5	1100	3.8	100	40	60	0.2
K509	80510	29670	20	3	2	10	10	<0.5	9	<0.2	20	30	40	<0.1
K510	80505	29665	295	44	3	795	40	<0.5	510	<0.2	2400	40	60	2.8
K511	80480	29650	20	9	4	65	54	<0.5	22	<0.2	70	30	40	0.1
K512	80730	29675	30	88	12	75	234	1.5	120	1.4	70	50	100	0.1
K514	81875	28925	<5	125	<1	25	86	<0.5	29	0.2	30	250	260	1.7
K515	81535	29385	45	16	<1	20	10	<0.5	4	1.4	30	360	280	2.2
K519	81235	29355	10	73	3	10	56	<0.5	9	<0.2	60	240	400	0.7
K524	81340	28710	80	64	<1	20	208	<0.5	1650	1.2	620	380	100	2.6
K525	81370	28670	125	77	8	110	32	<0.5	620	1.0	2800	120	160	0.7
K527	81395	28620	10	4	1	5	4	<0.5	23	0.2	820	80	120	0.3
K530	81500	28515	30	10	3	30	6	<0.5	17	0.2	470	40	40	0.2
K531	81510	28510	<5	7	12	135	60	<0.5	650	1.0	220	40	60	0.2
M430	80985	27870	<5	4	1	<5	2	<0.5	5	<0.2	120	120	180	0.6
M432	80980	27910	50	45	4	15	52	<0.5	235	3.0	160	210	220	0.8
M433	80975	27935	<5	2	1	5	2	<0.5	16	<0.2	140	210	160	0.3
M434	80960	27990	40	18	2	10	4	<0.5	9	0.2	2000	270	220	2.2
M435	80850	28150	65	38	<1	5	84	<0.5	295	<0.2	120	230	220	1.7
M436	80820	28115	<5	91	4	<5	218	<0.5	4	<0.2	40	580	60	0.3
M439	81225	27820	<5	7	7	<5	6	<0.5	19	<0.2	410	60	300	<0.1
M440	81265	27825	<5	13	8	435	12	<0.5	160	2.4	70	60	200	0.9
M442	81170	27575	<5	8	1	<5	<2	<0.5	5	<0.2	50	40	260	0.3
M445	81985	27860	<5	7	2	30	2	<0.5	19	<0.2	100	30	1600	<0.1
M448	81850	27555	<5	26	3	10	16	<0.5	70	<0.2	40	180	880	0.3
S411	80165	29090	<5	7	4	155	4	<0.5	14	<0.2	30	60	980	0.1
S418	80435	28035	10	74	7	10	58	<0.5	60	3.0	60	180	100	0.2
S420	80400	28115	<5	1	1	<5	12	<0.5	7	<0.2	20	40	20	0.1
S422	79930	28355	<5	70	3	15	136	<0.5	1450	6.2	180	100	40	0.3
S428	81295	27920	<5	26	3	20	12	<0.5	60	<0.2	370	60	80	<0.1
S430	81365	27785	<5	5	3	130	148	<0.5	53	1.6	30	470	300	2.5
S434	80870	27540	<5	35	3	30	16	<0.5	80	0.2	100	350	320	1.7
S435	79245	27530	<5	10	<1	20	14	<0.5	5	<0.2	10	70	20	0.1
S437	79080	27710	<5	6	<1	10	46	<0.5	15	<0.2	10	70	40	<0.1
S446	79995	27490	<5	14	2	15	4	<0.5	5	0.2	110	40	20	<0.1
T444	81230	30005	<5	103	6	1040	422	4.5	80	0.2	350	140	420	0.4
T445	81205	30070	55	79	5	660	508	<0.5	38	0.2	430	280	140	1.0
T452	80840	30260	80	143	404	9070	4360	68.5	48	7.2	640	280	60	0.1
T454	80705	30070	<5	98	4	130	74	<0.5	11	<0.2	120	400	240	0.2
T455	80470	30120	<5	6	4	55	54	<0.5	170	0.8	160	60	340	0.1

Table 4 The Chemical Analysis of Chip Samples

Kestane Dagı (1)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
AK071	74350	28410	15	31	1	250	58	0.2	57	0.2	60	400	180	1.3
AK073	74415	28550	<5	90	1	44	11	0.1	90	7.0	20	380	550	2.1
AK074	74415	28645	<5	55	1	6	5	0.1	29	2.0	50	280	330	1.2
AK075	74350	28690	<5	80	1	18	11	0.1	20	2.0	90	270	200	1.0
AK076	74330	29000	<5	22	1	16	1500	0.1	27	1.0	20	240	690	0.7
HS163	76485	29820	<5	61	1	150	4750	0.2	83	1.2	80	320	160	0.3
HS164	76485	29820	<5	33	4	66	34	0.1	350	30.0	20	480	690	1.1
HS168	75945	29880	<5	133	3	1150	15	0.4	1600	5.0	410	80	530	0.5
HS169	75945	29880	<5	64	2	800	52	0.2	41	0.4	550	200	200	2.5
HS170	75795	29745	<5	2	3	23	3	0.1	11	0.2	140	50	70	0.3
HS171	75795	29745	<5	58	5	2050	37	0.2	3400	5.0	130	140	440	1.6
HS172	75795	29745	<5	13	2	490	57	1.1	1600	5.0	130	110	270	0.5
HS173	75685	29705	<5	18	1	75	13	8.0	50	4.0	4500	650	250	0.1
HS174	75685	29705	<5	23	1	132	5	2.2	20	0.2	730	50	640	0.4
HS175	75680	29595	15	242	3	1000	42	>100.0	550	15.0	22200	60	90	0.3
HS176	75655	29480	110	33	1	492	20	6.1	240	4.4	4200	70	710	0.4
HS177	75445	29680	5	9	1	218	5	3.3	50	0.2	730	40	250	0.4
HS178	75595	29100	5	4	1	238	4	0.1	7	0.8	160	280	270	2.8
HS179	75660	28970	75	148	3	4600	15	0.1	120	6.2	80	760	310	0.2
HS180	75660	28970	15	10	1	225	5	0.1	23	0.8	50	620	470	0.1
HS181	75660	28970	5	18	19	83	3	0.1	6	1.0	80	1000	620	0.1
HS182	75675	28850	35	3	205	700	7	0.1	9	0.2	60	240	90	0.2
HS183	75750	28810	65	8	2	71	10	0.1	16	2.4	140	1700	130	0.1
HS184	75795	28745	60	8	3	80	4	0.1	6	0.2	160	450	310	0.1
HS185	76045	28730	170	150	32	330	14	0.1	70	7.0	80	1300	360	5.0
HS186	75950	28875	25	4	2	13	5	0.1	5	0.2	40	1600	380	3.1
HS187	76000	28950	60	5	2	186	3	0.1	33	0.2	230	2000	600	5.2
HS190	75170	28810	25	37	1	14	65	0.5	41	0.4	140	320	360	0.8
HS192	75275	29265	<5	13	1	273	9	9.8	70	15.6	860	480	250	0.2
HS193	75190	29540	25	16	7	53	7	0.9	24	3.8	60	2300	470	0.2
HS194	75205	29680	100	29	3	26	13	0.1	36	0.8	80	840	30	0.2
HS195	75205	29680	5	15	20	600	21	0.1	640	10.0	110	70	30	0.3
HS196	75190	30245	25	22	2	660	7	0.1	43	2.0	2300	60	30	0.2
HS197	74775	30780	15	15	1	46	9	1.3	24	3.2	40	60	640	0.1
HS200	75280	30575	<5	5	1	200	7	6.3	50	1.0	80	380	220	0.8
HS201	75395	30520	<5	4	1	115	5	2.2	55	2.0	300	110	90	0.3
NY115	75065	28375	<5	20	1	7	40	0.2	22	0.4	20	450	160	0.6
NY116	74925	28510	90	10	1	20	103	0.2	150	0.2	20	320	90	0.6
NY117	74760	28695	<5	1	1	12	2	0.1	7	0.2	30	380	160	0.6
NY119	74660	28980	<5	44	1	34	46	0.1	32	0.4	50	220	140	0.1
NY120	74655	29080	<5	10	1	16	9	0.1	17	1.2	60	110	220	0.5
NY121	74655	29255	<5	3	1	22	19	0.2	9	0.6	40	260	290	1.1
NY123	74520	29470	15	58	1	9	54	0.1	23	0.2	20	220	360	0.7
NY124	74340	29560	<5	5	1	4	4	0.1	7	2.2	20	180	90	0.8
NY126	74280	29915	<5	3	1	10	12	0.1	12	0.2	20	220	310	0.8
NY127	74245	29980	<5	10	1	5	5	0.1	5	0.2	10	330	580	0.6
NY128	74185	30075	115	108	3	1	8	0.1	60	26.0	20	670	400	0.4
NY129	74165	30095	40	22	1	19	10	0.1	23	1.2	30	820	310	1.5
NY130	74230	30230	<5	64	1	95	6	0.1	14	10.0	40	700	200	0.4
SR098	76765	29970	15	26	1	11	5	0.1	32	3.0	20	1400	250	1.4

Table 4 The Chemical Analysis of Chip Samples

Kestane Dagı (2)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
SR100	76865	29820	<5	38	1	168	7	0.1	36	5.0	450	650	380	0.2
TS099	75025	28165	75	32	1	5	13	0.4	63	5.0	30	160	110	0.4
TS100	74810	28300	50	47	1	7	42	0.1	60	2.2	20	340	180	1.2
TS101	74585	28320	<5	15	1	106	10	2.3	20	0.4	50	230	180	1.1
TS103	74210	28535	<5	4	1	34	6	0.1	15	3.0	30	360	90	0.1
TS104	74185	28410	<5	13	1	80	6	0.1	50	3.8	60	200	360	1.2
TS105	74015	28650	<5	22	14	22	22	0.1	120	0.2	50	170	200	0.8
TS115	75155	28030	10	25	2	6	13	0.1	30	0.8	20	280	110	0.7
TS124	76910	28530	<5	12	1	10	155	0.1	7	1.8	20	380	840	1.4
TS125	76835	28835	10	8	1	10	60	0.2	14	0.2	20	430	250	1.6
TS126	76820	28880	20	300	1	3100	7000	3.0	200	11.0	140	700	50	0.5
TS153	74985	28045	<5	25	1	32	22	0.1	10	0.2	20	160	150	1.4
TS154	75005	27985	<5	80	1	18	63	0.1	50	2.0	20	220	140	0.8
TS230	75915	30245	<5	7	1	195	13	0.1	400	1.4	60	60	70	0.1
TS231	75870	30355	<5	64	2	195	36	0.1	460	9.0	110	70	90	0.1
TS232	75985	30480	<5	17	1	2950	22	0.1	2000	0.6	180	80	50	0.1
C397	76640	28100	15	4	<1	<5	6	<0.5	4	<0.2	40	40	20	0.2
C400	74535	29880	<5	43	<1	10	10	<0.5	6	<0.2	30	180	360	1.3
C401	74265	29970	<5	2	3	5	<2	<0.5	3	<0.2	110	160	20	0.1
C404	74560	30820	<5	2	2	5	<2	<0.5	1	<0.2	30	160	40	0.2
C405	74575	30790	<5	5	1	80	2	<0.5	7	<0.2	1900	140	820	0.1
K557	76125	28080	20	9	573	50	2	<0.5	32	0.8	180	190	100	0.1
K560	76000	28305	350	130	49	65	16	<0.5	65	0.4	30	670	700	2.2
K564	75865	28310	145	28	88	15	8	<0.5	9	1.2	290	480	320	2.1
K565	75055	29550	170	4	5	5	<2	0.5	5	<0.2	140	80	40	0.1
M458	76070	28860	10	10	5	520	10	<0.5	22	1.6	70	800	240	0.1
M460	76575	29070	15	59	1	120	274	<0.5	50	1.0	1400	470	1380	<0.1
M462	75950	29840	10	8	7	1800	22	<0.5	1300	2.8	240	120	240	<0.1
M463	75935	29840	20	4	1	120	2	<0.5	60	0.8	100	60	120	<0.1
M465	76650	29740	40	26	2	30	10	<0.5	27	5.0	30	260	160	0.2
S448	75060	28260	20	14	5	10	8	<0.5	32	0.8	20	170	120	0.8
S452	74800	28290	15	5	1	10	46	<0.5	90	2.4	20	140	60	0.7
S455	75715	29330	50	2	9	10	<2	<0.5	7	0.2	30	590	360	2.3
S456	75715	29445	<5	4	11	245	10	<0.5	365	11.0	170	60	60	0.1
S457	75725	30050	55	35	4	15	2	<0.5	265	<0.2	40	50	20	<0.1
S458	76280	30015	25	31	4	350	6	<0.5	290	1.2	610	50	80	0.1
S459	76130	30220	<5	19	2	130	4	<0.5	14	3.4	50	680	940	0.4
S461	75665	30430	<5	36	3	270	2	<0.5	290	2.2	2900	30	100	0.1
S462	75570	30615	<5	3	1	75	<2	0.5	11	<0.2	60	40	700	<0.1
T460	75580	29375	50	106	2	5	12	<0.5	71	1.6	120	190	600	0.7
T461	75680	29345	40	1	2	<5	<2	<0.5	11	4.4	40	490	160	<0.1
T464	75850	29295	10	47	5	65	42	<0.5	150	2.4	60	300	340	1.0
T465	76115	29295	15	118	7	35	38	<0.5	32	3.2	30	740	220	1.2
T467	76320	29280	5	7	1	<5	4	<0.5	33	2.0	30	290	400	2.0
T468	76650	29180	<5	26	1	55	68	<0.5	75	0.8	110	270	80	0.1
T469	75395	28490	140	17	12	15	<2	1.0	5	3.4	23000	240	140	0.1
T470	75350	28515	1450	118	3	730	10	<0.5	80	2.0	460	400	940	0.2
T471	75360	28525	<5	10	2	<5	<2	<0.5	4	3.0	70	210	60	0.1
T473	75630	28810	<5	8	6	95	<2	<0.5	53	2.0	300	820	520	7.3
T474	75585	28800	370	10	12	1760	<2	<0.5	29	1.0	80	400	140	<0.1

Table 4 The Chemical Analysis of Chip Samples

Kestane Dagı (3)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
T475	75580	28820	190	12	10	4840	<2	<0.5	22	0.2	150	200	140	0.1
T476	75520	28910	140	58	7	55	2	<0.5	22	30.0	380	370	40	<0.1
T477	75525	29055	645	119	18	1060	8	<0.5	200	12.0	240	60	60	0.1
T478	75530	29045	80	78	7	440	2	<0.5	245	4.0	90	670	540	0.1
T479	75555	29020	40	2	2	55	<2	<0.5	4	<0.2	60	770	220	<0.1
T480	75640	28860	75	2	1	240	<2	<0.5	39	0.4	130	770	100	4.9
T481	75785	28775	40	1	19	25	<2	<0.5	2	0.2	50	1940	80	<0.1
T482	75925	28665	40	8	11	1110	<2	<0.5	6	1.6	150	1400	240	2.6
T483	75470	28910	85	2	11	250	<2	0.5	3	0.8	760	950	80	<0.1
T484	75325	29225	<5	35	4	425	<2	<0.5	90	3.2	120	610	200	0.1
T485	75870	30150	35	11	7	575	20	<0.5	980	8.8	180	70	60	<0.1
T486	75880	30135	<5	4	5	250	2	<0.5	370	4.0	240	100	120	0.2
T487	75765	30145	<5	1	2	160	<2	<0.5	60	<0.2	290	50	140	0.5
T488	75580	30325	<5	2	4	125	<2	<0.5	50	1.4	190	30	200	0.5
T489	75520	30435	<5	5	4	120	<2	<0.5	50	13.0	4600	50	120	0.4
T490	75515	30430	<5	14	6	500	<2	<0.5	160	15.0	5000	50	80	0.2
T491	75460	30415	<5	5	3	280	6	<0.5	110	9.8	8000	40	40	<0.1
T492	75310	30565	<5	3	2	135	<2	<0.5	65	2.8	520	40	20	0.6
T493	75245	30660	<5	32	6	30	12	<0.5	135	4.2	590	220	380	0.3
T494	75140	30770	<5	3	2	155	<2	13.0	22	2.0	2300	50	500	0.2
T495	75160	30995	<5	3	3	110	<2	<0.5	46	1.8	120	60	200	0.2
T496	75350	30810	<5	37	5	35	6	<0.5	19	8.8	30	70	180	0.1
T497	75315	30775	60	8	16	135	4	<0.5	30	4.8	100	140	620	<0.1
T498	75525	30565	15	19	3	30	10	0.5	27	3.6	200	60	80	<0.1
T499	75555	30065	10	29	10	475	16	3.0	130	2.0	2400	40	100	<0.1
T500	75460	30145	160	51	3	420	6	15.5	33	12.0	6000	70	2200	0.1
T501	75465	30170	3660	482	6	2210	38	71.0	880	22.0	46000	60	1300	0.2
T502	75430	30220	15	50	6	850	14	6.0	630	10.4	1500	60	680	0.2
T503	75415	30260	20	15	2	790	4	5.0	150	4.4	12000	40	8600	0.3
T504	75380	30270	70	44	6	975	54	<0.5	280	9.0	12000	60	240	0.6
T505	75150	30500	15	19	4	2200	12	<0.5	550	1.6	390	150	2000	0.3
T506	75005	30590	310	64	3	425	218	6.5	350	8.0	24000	60	300	0.1
T507	75020	30640	40	2	<1	60	2	<0.5	5	1.0	50	480	540	0.1
T508	75035	30650	75	6	4	190	6	5.0	55	4.0	22000	80	600	<0.1
Y395	75055	28385	135	153	9	15	10	1.0	50	0.4	30	120	60	0.7
Y400	74810	28645	25	4	1	5	2	<0.5	14	0.8	30	240	280	1.8
Y402	74185	30195	35	5	5	5	2	<0.5	15	1.0	20	280	400	0.1
Y403	74980	29335	50	47	<1	15	2	<0.5	125	1.0	20	80	80	<0.1
Y404	75145	29010	35	29	5	25	4	<0.5	25	0.7	40	240	540	0.1
Y405	75250	29475	75	19	2	15	4	<0.5	15	5.4	320	1720	780	<0.1

Table 4 The Chemical Analysis of Chip Samples

Piren Tepe Area (1)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
HB072	82120	21440	1630	6	4	11	2	0.1	79	0.2	110	60	50	0.1
HB073	82120	21440	2060	3	1	9	1	0.1	80	0.2	70	60	70	0.1
HB075	82075	21540	115	12	1	12	5	0.3	130	0.2	660	50	180	0.1
HB076	82075	21540	175	10	2	12	6	0.5	140	0.2	110	60	70	0.2
HB077	82075	21540	135	11	1	27	2	0.2	530	0.2	50	50	1420	0.1
HB078	81795	21385	55	21	1	3	12	0.1	4	0.2	20	40	310	0.1
HB079	81490	21355	30	18	5	20	10	0.3	120	0.2	70	50	250	0.1
HB080	81490	21355	25	12	2	76	3	0.3	90	0.2	200	40	200	0.1
HB081	81335	21355	15	8	14	50	7	0.2	70	0.8	160	50	820	0.2
HB082	81165	21545	5	3	1	3	1	0.2	14	0.2	150	70	110	0.2
HB083	81010	21730	35	3	3	10	2	0.1	24	0.2	60	70	2700	0.2
HB085	80595	21565	20	52	18	120	12	0.2	650	2.0	50	100	360	0.3
HB087	80545	21650	15	1	6	2	1	0.1	7	0.2	20	160	90	0.2
HB088	80330	21540	10	3	1	1	1	0.1	10	0.2	10	60	40	0.2
HB089	80270	21640	<5	7	1	3	4	0.2	9	0.2	20	50	180	0.1
HB095	79525	21610	<5	5	1	7	2	0.1	15	0.4	80	60	360	0.3
HB096	79525	21610	<5	6	1	7	2	0.1	27	2.8	180	120	490	0.4
HB097	79815	21670	<5	52	1	52	2	0.1	90	2.8	690	140	490	0.4
HB098	79875	21840	<5	4	1	1	2	0.1	43	0.2	50	300	250	0.2
HB099	80300	22085	<5	2	1	2	1	0.1	12	0.2	20	60	50	0.2
HB100	80455	22170	<5	1	1	4	1	0.1	10	0.2	30	50	30	0.3
HB101	81010	22070	<5	45	1	11	22	0.1	60	0.4	90	270	580	0.5
HB102	81450	22250	<5	5	1	1	1	0.1	6	0.2	30	70	220	0.2
HB104	81990	22040	<5	61	1	7	10	0.1	41	1.4	50	180	250	0.5
HB109	82665	21805	<5	12	1	11	17	0.1	39	1.6	40	450	220	1.8
HB110	82500	22370	<5	2	1	3	2	0.1	7	0.4	100	190	290	0.2
HB111	82500	22370	<5	31	1	5	12	0.1	25	0.6	150	910	1460	0.1
HB112	82500	22400	<5	12	6	19	6	0.1	11	0.2	70	900	490	0.4
HB113	82500	22400	<5	6	2	2	2	0.1	23	2.0	5500	210	400	0.2
HB114	82500	22400	<5	51	220	2	8	0.1	60	2.0	5800	180	620	0.6
HB116	82365	22470	5	54	1	9	12	0.1	19	1.0	60	390	710	0.3
HB117	82400	22475	<5	5	1	5	3	0.1	35	0.2	70	850	840	0.2
HB118	82505	22600	<5	4	1	2	3	0.1	10	0.2	170	130	180	0.1
HB163	79125	22810	<5	92	1	25	27	0.1	46	0.2	20	480	330	1.0
HB164	79125	22810	<5	32	1	21	7	0.2	23	0.2	20	160	1600	1.6
HB166	79335	22590	<5	370	6	138	10	0.3	160	0.2	1800	110	310	10.0
HB167	79955	22480	<5	38	11	53	5	0.2	60	3.6	70	90	580	1.7
HB169	80065	22415	<5	23	1	8	16	0.2	70	0.2	20	380	530	1.4
HB171	80905	22500	<5	37	1	5	3	0.1	20	0.2	680	480	620	0.8
HB172	81050	22340	<5	85	1	3	3	0.2	12	0.2	980	360	530	0.6
HB174	81250	22890	<5	5	1	1	2	0.1	23	0.2	50	80	50	0.2
HB175	81695	22690	<5	34	2	19	20	0.1	15	0.2	100	250	290	0.3
HS110	78165	21135	<5	5	1	8	2	0.1	41	0.2	30	300	660	1.0
KB058	82220	22360	<5	32	1	5	12	0.1	19	3.0	150	120	660	0.7
KB060	78380	21760	<5	13	1	1	6	0.1	22	0.2	130	70	270	0.2
KB061	78380	21785	5	42	55	1	17	0.1	110	7.0	310	80	90	0.2
KB062	78380	21795	<5	32	16	1	17	0.1	540	0.2	300	50	30	0.1
KB164	79325	22295	<5	3	1	2	5	0.1	27	0.2	40	60	70	0.1
KB165	79255	22210	<5	2	1	1	3	0.1	6	0.2	40	50	70	0.1
KB166	79205	22050	<5	4	1	4	5	0.1	9	0.2	30	60	40	0.2

Table 4 The Chemical Analysis of Chip Samples

Piren Tepe Area (2)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
KB167	79185	21960	<5	19	1	1	5	0.1	11	0.2	260	80	550	0.3
KB168	79200	21895	<5	5	1	2	5	0.1	17	0.2	100	140	250	1.4
KB169	78945	21905	<5	9	1	1	3	0.1	5	0.2	80	70	50	0.2
KB170	78765	21770	5	62	1	1	13	0.1	29	1.4	130	80	60	0.2
KB171	78735	21770	<5	3	1	3	3	0.1	10	0.2	80	70	110	0.2
KB172	78775	21705	<5	3	1	3	3	0.1	7	0.2	30	70	180	0.1
KB173	78780	21620	<5	4	8	1	4	0.1	7	0.2	40	70	400	0.2
KB174	78775	21535	<5	31	1	1	15	0.1	60	7.0	2500	250	580	0.7
KB176	79085	21075	<5	26	1	1	8	0.1	50	0.2	30	640	50	0.3
KB177	79070	21050	<5	4	1	3	3	0.1	19	0.2	30	90	70	0.2
KB178	79040	21030	20	4	4	5	3	0.1	9	0.2	30	80	180	0.3
KB180	79135	20805	140	12	2	20	6	0.1	110	2.2	500	820	550	0.3
KB181	79165	20795	100	57	2	12	14	0.1	370	4.2	100	1600	490	0.3
KB182	79535	20900	470	70	5	200	21	1.0	1600	1.2	290	200	880	1.1
KB183	79585	20910	<5	10	9	162	22	0.1	510	0.2	50	80	50	0.2
KB184	79905	21150	5	7	3	5	4	0.1	12	0.2	20	60	110	0.1
KB185	80230	21400	30	63	160	240	8	0.1	120	2.0	30	1060	270	0.2
KB186	80275	21290	40	7	14	5	6	0.1	850	0.2	20	100	110	0.2
KB187	80340	21200	50	20	15	76	3	0.1	24	4.0	30	580	380	0.2
KB188	80430	21050	<5	8	1	3	4	0.1	80	0.2	10	60	50	0.1
KB189	80540	21220	5	425	4	42	29	0.3	>10000	0.2	60	180	470	0.5
KB190	80650	21015	260	25	1	10	7	1.8	110	4.0	2400	60	1680	0.1
KB191	80980	20925	<5	57	3	27	7	0.9	38	1.0	2500	40	70	1.4
K308	79560	20770	275	19	10	5	10	<0.5	200	0.7	20	210	40	0.1
K310	79520	20910	<5	3	3	<5	<2	<0.5	14	<0.2	10	50	300	<0.1
K388	81445	21825	70	2	6	20	<2	<0.5	22	n.s.s.	120	n.s.s.	180	0.2
K389	81460	21810	90	5	4	10	2	<0.5	50	<0.2	1100	60	880	0.1
K390	81540	21785	155	4	3	10	2	<0.5	41	<0.2	800	60	400	<0.1
K391	81675	21805	25	4	3	10	2	<0.5	27	<0.2	100	50	100	<0.1
K392	81720	21830	55	4	14	5	<2	<0.5	16	<0.2	80	40	120	<0.1
K393	81745	21785	<5	4	5	10	<2	<0.5	15	<0.2	70	40	60	<0.1
K394	81755	21790	315	3	11	60	2	<0.5	32	<0.2	60	40	1400	<0.1
K395	81770	21730	150	3	2	<5	<2	<0.5	10	<0.2	90	30	20	<0.1
K396	81740	21700	90	4	4	5	4	<0.5	41	<0.2	40	30	60	<0.1
K397	81710	21725	10	7	16	15	2	<0.5	38	<0.2	30	30	100	<0.1
K398	81560	21560	100	8	5	25	14	<0.5	65	<0.2	320	70	780	0.1
K401	81750	21975	<5	3	2	5	2	<0.5	5	<0.2	20	40	180	<0.1
K402	81750	22000	<5	7	5	20	2	<0.5	65	<0.2	50	50	420	<0.1
K403	81710	22005	<5	4	3	<5	4	<0.5	19	<0.2	10	40	60	<0.1
K404	81705	22040	30	11	6	10	4	<0.5	35	<0.2	30	50	100	<0.1
K405	81705	22050	130	9	5	<5	2	1.0	19	<0.2	30	30	80	0.1
K406	81705	22065	65	3	3	<5	<2	<0.5	16	<0.2	60	30	20	<0.1
K407	81705	22110	<5	6	4	<5	<2	<0.5	5	<0.2	570	30	40	<0.1
K408	81705	22135	<5	4	5	<5	2	<0.5	10	<0.2	40	40	80	<0.1
K409	81700	22160	<5	4	5	<5	2	<0.5	3	<0.2	40	70	40	<0.1
K410	81725	22200	10	10	14	5	4	<0.5	160	<0.2	20	40	10	0.1
K411	82005	22575	<5	3	4	<5	<2	<0.5	11	<0.2	60	30	20	<0.1
K412	82065	22120	<5	5	4	<5	2	<0.5	39	<0.2	860	30	180	<0.1
K413	81395	21835	10	4	5	15	4	<0.5	150	<0.2	110	30	240	<0.1
K416	81385	22025	<5	10	2	5	2	2.5	19	1.6	2100	30	140	0.4

Table 4 The Chemical Analysis of Chip Samples

Piren Tepe Area (3)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
K417	81365	22070	<5	30	91	10	8	<0.5	120	7.4	1300	20	80	0.1
K418	81415	22160	<5	5	2	<5	<2	<0.5	3	0.6	840	30	40	<0.1
K419	81485	22240	<5	17	7	<5	4	<0.5	12	0.6	600	40	380	0.1
K420	81685	22450	<5	13	8	<5	2	<0.5	27	3.2	770	30	580	0.2
K421	81730	22535	5	12	6	<5	2	<0.5	10	<0.2	170	30	60	0.1
K422	81745	22555	10	12	9	15	14	<0.5	200	3.0	1400	40	180	0.2
K423	81760	22575	<5	25	12	15	10	<0.5	15	0.2	130	60	60	0.3
K424	81955	22405	<5	13	12	<5	2	<0.5	30	<0.2	40	30	200	0.1
K425	82410	22720	45	62	6	5	20	<0.5	80	>100.0	33000	40	660	0.4
K426	82335	22870	<5	8	2	5	6	<0.5	16	2.0	590	50	500	0.2
M374	80655	21965	<5	4	13	10	4	<0.5	70	<0.2	50	70	60	0.5
M376	80665	21970	<5	4	4	5	2	<0.5	22	<0.2	160	50	60	0.1
M377	80690	21930	<5	1	5	10	<2	<0.5	15	<0.2	20	40	40	<0.1
M379	80715	21860	<5	4	2	<5	<2	<0.5	2	<0.2	30	30	40	<0.1
M380	80730	21860	<5	4	70	65	2	<0.5	32	0.2	440	30	120	<0.1
M381	80750	21855	<5	3	14	125	<2	<0.5	32	<0.2	200	20	60	0.6
M382	80750	21830	40	9	20	55	4	<0.5	36	3.0	1300	20	640	<0.1
M383	80845	21845	<5	4	7	15	4	<0.5	17	<0.2	920	80	80	<0.1
M384	80865	21840	<5	33	5	35	<2	<0.5	36	<0.2	400	100	140	<0.1
M385	80920	21860	<5	4	6	<5	<2	<0.5	4	<0.2	30	50	40	<0.1
M386	80955	21835	<5	1	6	25	<2	<0.5	9	<0.2	70	50	40	<0.1
M387	80980	21920	<5	5	9	5	<2	<0.5	11	<0.2	50	100	20	<0.1
M388	80935	21845	10	5	4	850	2	<0.5	310	1.2	1100	40	220	<0.1
M389	80850	22005	10	4	28	20	2	<0.5	14	<0.2	20	70	140	<0.1
M390	80815	22015	20	3	10	35	<2	<0.5	100	<0.2	1300	60	100	<0.1
M391	80760	22005	<5	3	4	<5	<2	<0.5	2	<0.2	50	40	20	0.2
M392	80715	22055	<5	3	13	5	<2	<0.5	32	<0.2	20	50	20	<0.1
M393	80300	21685	<5	5	5	5	6	<0.5	14	<0.2	30	20	20	<0.1
M394	80315	21735	<5	1	4	<5	<2	<0.5	9	<0.2	40	20	10	<0.1
M395	80830	21770	<5	3	3	15	2	<0.5	16	<0.2	20	30	100	<0.1
M396	80735	21745	<5	19	48	10	2	<0.5	33	<0.2	30	70	100	<0.1
M397	80715	21765	<5	5	68	30	4	<0.5	48	0.8	40	50	160	<0.1
M398	80815	21530	<5	12	7	5	12	<0.5	39	1.0	30	140	80	0.2
M399	80815	21395	<5	1	4	5	<2	<0.5	11	<0.2	30	60	40	<0.1
M400	80755	21445	10	2	4	<5	<2	<0.5	16	<0.2	40	40	10	<0.1
M401	80745	21355	65	11	4	25	<2	<0.5	180	0.2	50	60	100	<0.1
M402	80770	21325	90	16	7	50	<2	<0.5	170	1.0	70	100	400	<0.1
M403	81060	21540	<5	3	7	5	2	<0.5	9	<0.2	500	70	40	0.1
M404	80695	21585	<5	4	8	5	<2	<0.5	4	<0.2	30	30	60	<0.1
M405	80900	21680	<5	1	3	20	<2	<0.5	11	<0.2	150	200	180	<0.1
M407	81045	21025	<5	119	46	475	4	3.0	140	2.0	1500	40	400	0.5
M408	81150	21065	<5	9	6	5	<2	<0.5	7	<0.2	480	30	40	<0.1
M409	81415	21120	<5	12	11	15	2	<0.5	33	<0.2	2000	30	800	<0.1
P305	80100	21870	<5	5	1	5	2	<0.5	25	0.8	40	120	240	0.1
P306	80085	21895	<5	4	1	<5	<2	<0.5	27	1.0	40	70	240	<0.1
P307	80010	21880	<5	2	4	<5	2	<0.5	46	0.4	20	40	180	<0.1
P308	80010	21910	<5	74	38	20	46	<0.5	4200	12.2	50	50	140	<0.1
P309	80035	21835	<5	7	12	10	16	<0.5	520	1.6	30	60	140	<0.1
P310	80010	21810	<5	2	3	5	2	<0.5	90	<0.2	150	80	100	<0.1
P313	80260	21730	<5	61	8	<5	10	<0.5	210	0.6	70	100	60	0.1

Table 4 The Chemical Analysis of Chip Samples

Piren Tepe (4)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
P318	80265	21935	<5	4	151	5	4	<0.5	160	1.4	30	60	160	<0.1
P320	80355	22005	<5	2	2	<5	<2	<0.5	12	<0.2	30	60	60	<0.1
P321	80320	22055	<5	1	2	<5	<2	<0.5	7	<0.2	30	40	60	<0.1
P322	80200	21075	90	5	17	855	6	<0.5	120	1.4	1200	40	180	1.8
P323	80180	21200	15	52	22	15	<2	<0.5	240	2.2	240	170	160	0.1
P324	80195	21230	30	2	41	15	<2	<0.5	300	<0.2	100	630	160	<0.1
P325	80325	21240	60	24	13	80	4	<0.5	110	8.0	50	340	640	0.6
P327	80760	21315	90	35	6	30	4	<0.5	580	4.0	310	130	120	0.1
P328	80000	21315	<5	1	2	10	<2	<0.5	23	1.6	50	650	620	<0.1
S378	80005	22070	<5	18	17	15	<2	<0.5	60	2.2	3200	30	1200	0.1
S379	79985	22130	<5	55	7	10	2	0.5	41	1.0	320	20	1400	0.2
T301	79200	20740	15	5	1	85	2	<0.5	490	0.8	40	90	120	0.4
T305	78990	21000	<5	8	3	5	2	<0.5	19	<0.2	240	40	500	<0.1
T306	78995	21025	<5	4	3	5	<2	<0.5	23	<0.2	60	30	380	<0.1
T307	78965	20565	55	23	2	95	2	<0.5	820	3.6	400	60	2800	11.0
T308	78845	20510	<5	6	3	10	2	<0.5	22	<0.2	130	50	300	<0.1
T310	78855	20735	<5	13	17	10	4	<0.5	540	1.0	940	130	740	0.2
T311	78835	20750	10	30	21	15	12	<0.5	2000	4.0	3300	390	760	2.9
T370	78570	20820	<5	41	5	40	4	<0.5	595	2.6	2400	240	620	2.3
T371	78700	20815	<5	5	5	30	4	<0.5	27	4.8	370	190	1240	0.1
T372	78740	20840	<5	117	6	<5	28	<0.5	220	0.4	190	300	500	2.0
T373	78555	21215	<5	2	2	<5	<2	<0.5	25	<0.2	70	190	140	0.1
T374	80905	22525	<5	7	41	5	2	<0.5	67	<0.2	300	50	180	<0.1
T375	80895	22435	<5	4	27	<5	<2	<0.5	9	<0.2	240	40	80	<0.1
T376	80865	22450	<5	10	110	10	26	<0.5	2600	<0.2	120	80	100	<0.1
T377	80870	22430	<5	2	17	<5	<2	<0.5	36	<0.2	80	30	80	<0.1
T378	80860	22395	<5	5	7	<5	<2	<0.5	11	0.2	220	30	1240	<0.1
T379	80910	22325	<5	3	5	<5	<2	<0.5	4	<0.2	80	30	60	0.2
T380	80830	22295	<5	10	25	5	4	<0.5	60	<0.2	550	40	60	<0.1
T381	80825	22255	<5	2	2	<5	<2	<0.5	2	<0.2	120	40	20	<0.1
T382	80825	22180	<5	2	12	<5	<2	<0.5	3	<0.2	100	30	1220	<0.1
T383	81240	22515	<5	22	2	<5	2	<0.5	7	3.2	70	300	640	<0.1
T384	81150	22520	<5	11	2	<5	<2	<0.5	11	0.8	440	270	600	<0.1
T385	81215	22725	15	33	13	<5	6	<0.5	50	1.0	460	90	280	<0.1
T386	81225	22745	20	7	4	<5	<2	<0.5	32	4.0	420	30	100	<0.1
T387	81150	22790	<5	7	6	<5	<2	<0.5	10	2.0	400	50	80	<0.1
T388	81170	22770	5	13	2	5	<2	<0.5	5	0.4	2200	300	680	<0.1
T389	81085	22805	15	68	10	<5	6	<0.5	140	3.8	2700	50	320	0.6
T391	81245	22935	<5	6	4	<5	<2	<0.5	3	0.2	160	40	80	<0.1
T392	81260	23110	<5	4	1	<5	6	<0.5	43	1.0	410	50	580	<0.1
T393	81240	23160	<5	1	1	<5	<2	<0.5	4	<0.2	80	30	120	<0.1
T395	81230	23170	<5	2	<1	5	<2	<0.5	5	<0.2	80	30	420	<0.1
T396	81260	22400	<5	1	7	<5	<2	<0.5	3	3.0	70	30	940	<0.1
Y343	81435	21815	560	6	9	25	<2	<0.5	100	0.2	8600	60	1400	<0.1
Y344	81390	21765	190	6	27	45	2	<0.5	140	2.2	540	70	100	0.1
Y345	81350	21675	45	2	1	10	<2	<0.5	3	<0.2	80	40	140	0.1
Y346	81265	21690	25	6	44	65	2	<0.5	260	0.4	1800	180	1260	0.1
Y347	81185	21740	5	3	8	5	<2	<0.5	46	<0.2	810	40	1980	<0.1
Y348	81490	21475	65	15	66	5	2	<0.5	95	0.6	1800	40	160	0.1
Y349	81570	21525	450	4	6	150	2	0.5	60	0.2	90	50	120	0.2

Table 4 The Chemical Analysis of Chip Samples

Piren Tepe (5)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
Y350	81490	21330	<5	9	18	15	6	<0.5	95	0.4	1100	50	3700	0.1
Y351	81390	21435	<5	1	3	20	<2	<0.5	32	<0.2	400	40	300	<0.1
Y352	81345	21470	<5	22	60	105	4	<0.5	190	0.6	910	50	280	<0.1
Y353	81415	21370	<5	2	5	5	<2	<0.5	20	<0.2	260	60	40	<0.1
Y354	81295	21420	<5	5	4	20	<2	<0.5	10	<0.2	100	50	160	0.1
Y355	81335	21295	<5	11	8	<5	<2	<0.5	25	<0.2	90	40	100	<0.1
Y356	81405	21305	<5	5	11	50	6	<0.5	90	0.4	100	30	1500	0.1

Table 4 The Chemical Analysis of Chip Samples

Dikmen (1)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
HB005	13075	41530	5	5	>1000	5	5	0.1	4	0.2	140	60	50	0.2
HB006	14950	43330	<5	10	7	6	11	0.1	9	0.2	80	170	110	0.2
HB007	14910	43275	5	12	600	15	9	0.1	5	0.2	230	70	70	0.2
HB008	14895	43165	65	21	8	4	27	0.1	4	0.2	40	270	690	1.1
HB011	14765	42840	30	132	45	3	27	0.1	29	0.2	3400	400	360	1.1
HB013	14310	42385	10	351	6	1	75	0.1	3	0.2	100	540	200	0.4
HB016	14395	42010	4600	>10000	35	360	3800	28.0	4200	0.4	2300	60	530	0.1
HB017	14395	42010	120	3000	4	263	1700	2.9	500	0.2	430	270	380	1.5
HB018	14395	42010	20	495	5	58	510	0.9	350	0.2	810	140	50	0.3
HB020	14470	41970	5	19	130	6	17	0.1	23	0.2	230	60	30	0.2
HB022	15035	41950	15	26	140	3	10	0.1	10	0.2	130	50	30	0.2
HB032	14125	43275	45	54	32	6	7	2.8	120	0.2	7200	50	20	0.1
HB034	13935	43000	<5	49	8	4	38	0.1	17	0.2	410	180	440	0.3
HB035	13970	42930	10	8	50	6	5	0.1	5	1.4	120	60	70	0.1
HB036	13975	42905	5	69	18	2	28	0.1	4	0.2	60	370	420	0.4
HB037	14010	42785	10	262	2	1	60	0.1	4	0.2	60	250	270	0.2
HB039	14690	43440	<5	10	120	2	2	0.1	6	0.2	40	40	20	0.1
HM014	13620	42645	<5	30	3	39	110	10.3	60	0.2	8300	350	110	0.3
HM015	13575	42585	<5	205	1	1200	50	9.5	260	0.2	>100000	110	>10000	0.3
HM016	13545	42480	<5	9	1	24	52	0.6	19	0.2	>100000	80	180	0.4
HM017	13465	42445	40	10	1	28	41	1.9	900	0.2	2500	70	530	0.3
HM018	13520	42355	10	99	1	90	235	0.4	340	0.2	1400	80	50	0.3
HM019	13165	41050	<5	10	4	8	46	0.1	4	0.2	220	90	110	0.1
HM020	13150	41075	<5	840	73	7	420	0.1	140	0.2	1500	120	400	0.4
HM021	13135	41110	<5	167	10	1	57	0.1	60	0.2	580	280	50	0.3
HM022	13100	41165	<5	170	10	2	47	0.2	35	0.2	1500	450	30	0.4
HM024	13100	41280	<5	134	23	16	130	0.2	30	0.2	400	310	200	0.5
HM025	13095	41330	<5	24	1	840	300	0.1	150	0.2	1100	80	40	0.3
HM026	13110	41390	<5	105	270	18	135	0.1	50	0.2	890	320	30	0.3
HM027	13115	41455	<5	200	19	6	105	0.1	150	0.2	19200	340	160	0.2
HM029	13190	41545	<5	172	9	3	52	0.1	60	0.2	2800	410	250	0.5
HM030	13220	41565	<5	10	110	3	12	0.1	7	0.2	360	70	20	0.2
HM031	13240	41600	<5	326	150	1	35	0.1	90	0.2	510	270	70	0.2
HM032	13275	41635	350	498	140	1200	498	10.5	60	2.0	2900	380	30	0.6
HM034	13370	41690	<5	105	110	8	103	0.1	22	0.2	2000	330	140	0.3
HS046	13965	40670	<5	31	4	436	570	0.1	150	0.2	590	280	90	0.5
HS049	14025	40930	50	18	1	23	228	0.1	110	0.2	530	270	290	0.6
HS050	14060	41030	<5	55	1	12	500	0.1	150	0.2	550	200	110	0.6
HS051	14055	41130	30	71	2	110	320	0.2	350	0.2	500	340	1760	0.9
HS054	13950	41210	15	7	1	64	65	0.1	22	0.2	270	190	180	0.5
HS055	13910	41230	<5	18	1	4	570	0.1	32	0.2	140	220	200	0.3
HS056	13850	41260	<5	12	1	20	217	0.1	39	0.2	70	170	330	0.5
HS058	14105	41250	10	13	1	31	168	0.1	100	0.2	230	240	160	0.4
HS059	14135	41285	<5	1	1	3	22	0.1	15	0.2	120	120	30	0.1
HS060	14170	41360	<5	6	1	10	44	0.2	23	0.2	90	120	200	0.2
HS061	14170	41430	5	2	1	4	7	0.1	9	0.2	40	50	20	0.1
HS062	14160	41495	10	41	1	1	224	0.5	280	0.2	60	320	510	0.8
HS063	14160	41510	<5	3	1	4	8	0.1	7	0.2	50	70	20	0.1
HS065	14060	41565	<5	29	1	35	1180	0.1	50	0.2	120	120	140	0.2
HS067	13955	41705	<5	28	1	76	29	0.4	17	0.2	190	70	420	0.2

Table 4 The Chemical Analysis of Chip Samples

Dikmen (2)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
KB001	12760	42920	<5	15	1	4	13	0.1	6	0.6	190	30	20	0.1
KB002	13150	42810	<5	15	1	188	118	1.8	260	0.2	610	80	20	0.1
KB003	13315	42675	<5	44	1	272	580	9.3	720	0.2	37000	100	50	0.3
KB004	13860	42995	<5	2	1	3	69	0.1	5	0.2	150	250	490	0.3
KB008	13170	41035	<5	8	4	3	22	0.1	7	0.2	100	60	140	0.1
KB010	12070	41680	<5	22	1	45	92	0.1	60	0.2	390	120	110	0.2
KB019	14575	43405	<5	37	6	5	27	0.1	7	0.2	730	330	160	0.2
KB020	14605	43435	3100	90	13	94	13	8.0	19	0.2	5200	80	380	0.1
KB021	14460	43120	15	136	66	9	126	0.1	9	0.2	1200	70	90	0.1
KB022	14465	42890	<5	145	1	1	34	0.1	5	0.2	60	270	200	0.2
KB025	14280	42310	10	123	1	1	23	0.1	4	0.2	70	320	110	0.1
KB026	14315	41550	530	50	1	8	114	0.1	240	0.2	140	320	140	0.3
KB027	14670	41285	<5	20	1	18	35	0.1	19	0.2	130	210	160	0.4
KB032	14905	40590	5	2	1	7	14	0.1	7	0.2	100	120	360	0.3
KB033	14370	40585	40	20	10	230	>10000	1.3	160	0.2	39000	210	1340	0.3
KB034	14790	43305	5	23	1	8	32	0.1	9	0.2	1300	160	310	0.4
KB035	14800	43260	120	40	2	255	20	0.9	25	0.2	3300	320	110	0.4
KB040	14775	43055	10	57	6	2	21	0.1	16	0.2	450	220	250	0.5
KB041	14795	42910	<5	139	1	1	45	0.1	6	0.2	100	300	360	0.3
KB043	14760	42780	35	30	72	3	9	0.1	9	0.2	140	290	400	0.7
KB044	14760	42695	5	116	8	5	27	0.1	11	0.2	400	450	220	0.6
KB045	14830	42565	5	103	1	1	23	0.1	11	0.2	90	110	50	0.2
KB048	14400	42140	<5	128	1	26	332	0.1	60	0.2	630	310	60	0.1
KB049	14450	42090	<5	8	1	47	60	0.1	5	0.2	80	40	70	0.1
KB051	14500	42110	10	84	1	730	650	0.2	140	0.2	270	370	30	0.3
KB052	14835	42045	<5	13	1	6	30	0.1	16	0.2	50	200	290	0.4
KB053	14845	42135	10	3	1	7	32	0.1	22	0.2	70	200	250	0.3
KB054	14810	42225	<5	32	3	31	358	0.1	80	0.2	1000	220	290	0.5
KB056	15125	42820	15	870	200	415	1200	0.1	600	0.6	32000	360	110	0.4
KB057	15185	42970	10	38	1	41	290	0.1	90	0.2	19000	280	220	1.1
KS001	13375	43105	10	264	1	1	148	0.1	150	0.2	7800	80	60	0.2
KS002	13405	43185	<5	5	1	25	34	0.1	420	0.2	740	80	110	0.2
KS016	12505	43180	<5	172	1	45	37	0.1	130	0.2	30000	80	360	0.2
KS017	12505	43225	20	36	1	19	228	0.1	36	0.2	350	150	360	0.9
KS018	12505	43280	<5	84	1	10	345	0.5	50	0.2	720	340	160	0.7
KS020	12565	43985	<5	14	1	5	36	0.1	9	0.2	60	280	400	0.1
KS031	13045	41270	<5	136	19	15	200	0.1	50	0.2	660	220	200	0.3
KS032	13000	41285	<5	24	130	29	104	0.1	19	0.2	910	80	110	0.1
KS033	12955	41275	20	14	19	7	22	0.1	10	0.2	410	300	20	0.1
KS034	12905	41255	10	218	30	13	223	0.1	130	0.2	910	330	180	0.2
KS035	12860	41240	15	160	15	10	272	0.1	70	0.2	3600	470	100	0.4
KS036	12815	41235	55	207	28	50	76	0.1	70	0.2	17000	1350	90	0.5
KS037	12765	41240	<5	245	14	25	500	0.1	50	2.0	17000	400	110	0.2
KS038	12710	41250	<5	137	3	70	365	0.3	490	0.4	5400	300	220	0.2
KS039	12675	41260	<5	37	1	1	78	0.1	130	0.2	3600	400	110	0.5
KS040	12620	41270	<5	83	3	12	196	0.2	270	0.6	3200	470	110	0.3
KS041	12570	41270	<5	79	1	20	630	0.3	370	0.2	4300	350	160	2.1
KS043	12465	41295	<5	9	1	1	44	0.2	53	0.2	190	40	20	0.1
KS044	12405	41300	<5	60	1	2	55	0.1	35	0.2	470	70	100	0.2
KS046	12285	41280	<5	9	1	172	119	0.3	60	0.2	440	100	2500	0.1

Table 4 The Chemical Analysis of Chip Samples

Dikmen (3)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Ti ppm
KS048	12155	41230	5	6	1	78	276	0.1	490	0.2	1600	170	50	1.0
KS049	12205	41125	10	68	1	10	195	0.1	60	0.2	3300	210	50	0.1
KS050	12255	41030	<5	98	1	81	390	0.2	250	0.2	3000	250	600	0.2
KS051	12305	40980	10	57	1	38	900	0.1	220	0.2	6100	150	360	0.2
KS052	12405	40920	<5	42	1	20	234	0.1	110	0.2	210	260	160	0.3
KS053	12445	40805	<5	7	1	1	53	0.3	12	0.2	450	400	220	1.4
KS055	12625	40755	<5	5	5	1	32	0.3	6	0.2	460	90	140	0.1
KS057	12650	40855	<5	7	1	24	88	0.1	32	0.2	190	70	50	1.0
KS058	12620	40955	35	11	3	12	159	0.1	60	0.2	620	30	140	1.2
KS060	12750	41060	400	>10000	144	50	1200	13.8	8900	0.2	43000	90	50	0.4
KS061	12250	41530	10	34	1	315	215	0.1	900	0.2	1900	90	50	5.7
NY032	13805	42995	>10000	730	>500	>10000	150	>100.0	2500	0.2	61000	160	2900	1.3
NY033	13945	42970	100	19	59	182	69	1.5	15	0.2	600	240	470	0.3
NY034	13980	42875	10	32	7	22	30	0.1	5	0.2	120	130	290	0.2
NY035	14010	42770	<5	62	>500	16	52	0.1	16	0.2	840	840	220	1.5
NY036	13935	42700	<5	101	17	11	40	0.1	20	0.2	1500	590	110	1.0
NY037	13960	42470	<5	92	14	4	45	0.1	5	0.2	70	200	360	0.3
NY038	13945	42380	<5	32	57	2	28	0.1	4	0.2	70	420	550	0.3
NY039	13850	42260	10	16	240	6	6	0.1	19	0.2	2800	180	420	0.3
NY040	13780	42015	<5	64	108	4	104	0.1	38	0.2	300	300	290	0.2
NY041	13720	41975	<5	21	3	7	9	0.1	11	0.2	220	140	1140	0.2
NY043	13555	41860	<5	6	75	2	3	0.1	7	0.2	2600	550	550	0.4
NY044	13525	41825	<5	7	8	30	23	0.1	17	0.2	750	180	180	0.1
NY045	13475	41805	<5	52	83	6	85	0.1	29	0.2	490	330	250	0.1
SR002	13355	43970	<5	15	1	410	56	4.7	63	0.2	800	220	70	0.1
SR023	12710	42275	<5	22	1	43	113	0.1	490	0.2	430	70	550	0.4
SR025	12790	42200	<5	51	1	47	800	0.1	150	0.2	1300	90	110	0.8
SR026	12815	42150	<5	13	1	32	84	0.1	80	0.2	400	70	90	0.2
SR027	12865	42105	<5	432	1	1	55	0.1	9	0.2	660	80	20	0.1
SR029	13030	42090	<5	10	1	118	43	0.1	90	0.2	310	150	30	0.1
SR031	13250	42175	<5	52	1	4	13	0.1	6	0.2	50	220	50	0.1
SR033	13465	42130	<5	10	1	3400	39	7.8	800	0.2	4500	90	1120	0.1
SR034	13565	42155	<5	12	1	84	61	0.7	650	0.2	1500	110	950	0.2
SR035	13690	42160	<5	18	1	228	148	0.1	400	0.2	300	70	50	0.1
SR036	13760	42115	<5	7	22	8	3	0.1	12	0.2	230	120	30	0.1
SR039	13055	41560	10	64	9	1400	>10000	2.8	560	0.2	16800	2120	2400	7.4
SR040	13025	41610	<5	16	1	20	250	0.1	90	0.2	380	320	150	0.3
SR044	13075	41780	<5	192	1	23	460	1.7	270	0.2	1100	290	250	0.2
SR045	13090	41835	<5	44	1	90	86	1.6	140	0.2	2400	120	310	0.2
TS023	13775	41285	<5	19	1	26	163	0.1	36	0.2	80	240	110	0.5
TS024	13700	41325	<5	9	2	37	840	0.1	50	0.2	70	140	50	0.3
TS025	14170	41530	560	29	1	7	100	0.2	60	0.2	90	100	200	0.1
TS026	14185	41600	90	46	1	11	90	0.4	39	0.2	70	150	220	0.5
TS027	14195	41625	<5	22	1	10	58	0.1	60	0.2	30	170	330	0.3
TS028	14210	41670	<5	47	1	89	292	0.2	70	0.2	1300	60	200	0.2
TS029	13975	42050	<5	42	2	205	830	0.1	450	0.2	90	80	60	0.2
TS030	13850	41745	<5	3	1	8	12	0.1	9	0.2	30	60	40	0.1
TS031	13605	41650	<5	26	5	6	8	0.1	35	0.2	4600	70	50	0.2
TS032	13560	41575	<5	15	1	113	73	0.1	32	0.2	110	180	100	0.1
TS033	13505	41470	<5	106	24	750	3500	0.1	600	0.2	140	50	30	0.1

Table 4 The Chemical Analysis of Chip Samples

Dikmen (4)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
TS034	13455	41375	<5	1270	11	10	280	0.5	350	0.2	16200	250	90	0.4
TS035	13410	41340	<5	19	1	55	132	0.1	180	0.2	100	60	70	0.1
TS036	13355	41215	25	214	6	42	202	0.1	50	0.2	710	50	60	0.2
TS037	13345	41125	<5	79	24	22	136	0.1	70	0.2	59400	60	90	1.2
TS039	13880	40555	<5	10	1	5	16	0.1	10	0.2	280	160	420	0.4
TS040	13840	40700	<5	18	1	62	550	0.1	110	0.2	200	300	290	0.3
TS041	14135	41795	15	129	1	14	440	0.6	59	0.2	170	200	640	0.2
C337	13255	41000	490	159	6	60	398	<0.5	45	<0.2	3500	150	140	<0.1
C340	13445	41235	<5	141	8	30	268	<0.5	45	<0.2	280	50	80	0.5
C342	13770	41605	55	5	3	75	52	<0.5	50	<0.2	120	40	180	0.1
C343	13990	41880	<5	29	1	30	244	<0.5	100	<0.2	170	60	200	0.2
C344	13340	41340	20	87	2100	>10000	1070	15.5	2350	<0.2	>100000	40	240	84.0
C348	14655	40775	95	4	8	100	44	<0.5	22	<0.2	400	120	280	0.4
C354	15105	42640	<5	25	3	40	238	<0.5	70	<0.2	650	100	420	0.7
C355	15370	42300	30	35	<1	20	164	<0.5	22	<0.2	310	140	120	0.1
K329	14500	43730	140	46	118	585	52	16.5	20	<0.2	2000	70	40	<0.1
K332	14385	43365	<5	9	14	5	2	<0.5	2	<0.2	50	70	660	0.2
K336	14890	43615	<5	24	8	<5	36	<0.5	1	<0.2	30	270	560	<0.1
K337	14905	43645	<5	58	1	<5	32	<0.5	2	<0.2	10	280	480	<0.1
K343	15245	43885	<5	8	10	<5	6	<0.5	3	<0.2	500	180	280	0.4
K344	14780	43965	<5	33	7	<5	10	<0.5	6	<0.2	160	150	160	<0.1
K346	14670	43640	<5	30	5	<5	2	<0.5	11	<0.2	200	90	80	<0.1
K347	14700	43745	<5	25	6	<5	6	<0.5	4	<0.2	80	140	140	<0.1
K350	15080	43770	<5	14	4	<5	8	<0.5	3	<0.2	80	110	340	0.2
K352	15105	43720	5	9	4	<5	24	<0.5	1	<0.2	220	510	540	0.6
K353	15200	43610	<5	12	12	<5	22	<0.5	3	<0.2	80	310	280	0.3
K355	15170	43955	<5	7	7	<5	8	<0.5	2	<0.2	270	230	360	0.2
K356	15290	43490	25	10	5	5	20	<0.5	2	<0.2	160	210	300	0.4
K359	15055	43470	<5	12	3	<5	2	<0.5	4	<0.2	820	140	460	0.1
K360	15000	43450	<5	13	4	<5	4	<0.5	3	<0.2	410	220	180	0.1
K363	14640	42780	10	55	18	<5	10	<0.5	14	<0.2	180	160	180	0.2
K364	14660	42780	<10	111	25	<5	2	<0.5	4	<0.2	80	n.s.s.	320	0.2
K365	14665	42845	<5	19	15	30	22	<0.5	6	<0.2	130	80	60	<0.1
K366	14685	42850	<5	7	2	<5	2	<0.5	1	<0.2	50	80	340	0.3
K368	14720	42920	<5	63	26	65	80	<0.5	10	<0.2	220	60	140	0.1
K369	14705	42945	465	202	267	3740	1585	8.5	16	<0.2	1700	70	20	<0.1
K370	14680	43025	<5	60	20	15	28	<0.5	15	<0.2	1100	100	220	<0.1
K371	14675	43065	<5	96	11	50	28	<0.5	14	<0.2	280	370	240	0.3
K372	14720	43055	2670	283	9	530	36	11.5	16	<0.2	2600	70	1100	<0.1
K373	14760	43025	130	36	19	10	4	<0.5	6	<0.2	250	150	340	0.3
K375	14830	43105	<5	70	6	20	24	<0.5	11	<0.2	540	180	380	0.2
K376	14845	43145	<5	111	8	20	128	<0.5	33	<0.2	700	240	180	0.1
K378	14870	43285	20	51	8	5	30	<0.5	7	<0.2	180	250	440	0.3
K379	14940	43380	<5	8	1	<5	4	<0.5	5	<0.2	560	140	60	0.1
K380	14965	43235	<5	7	1	5	10	<0.5	3	<0.2	340	280	200	0.3
K381	14945	43210	<5	21	1	<5	16	<0.5	2	<0.2	60	220	560	0.2
K383	15015	43040	<5	34	53	285	104	0.5	14	<0.2	840	120	>10000	0.1
K385	14620	42895	<5	8	473	<5	4	<0.5	2	<0.2	100	60	80	<0.1
K386	15100	43105	<5	16	11	10	22	<0.5	5	<0.2	740	70	400	0.5
K387	13710	42875	<5	45	10	85	160	5.5	290	<0.2	1800	360	360	0.6

Table 4 The Chemical Analysis of Chip Samples

Dikmen (5)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
M338	13460	40630	10	1	3	25	200	<0.5	4	<0.2	620	110	160	<0.1
M340	13390	40705	<5	9	1	35	820	<0.5	22	<0.2	2800	110	220	<0.1
M343	13185	40985	<5	5	5	10	222	<0.5	10	<0.2	560	40	160	<0.1
M345	13125	41125	40	>10000	197	40	702	<0.5	1600	0.2	6300	50	60	<0.1
M346	13110	41125	35	288	70	<5	44	<0.5	70	<0.2	1700	200	180	0.2
M347	13975	40610	5	175	4	<5	64	<0.5	50	<0.2	880	60	80	<0.1
M348	14015	40905	35	212	12	20	184	<0.5	120	<0.2	180	50	40	<0.1
M350	14040	41160	15	50	3	35	230	<0.5	190	<0.2	1600	260	200	0.6
M351	13895	41240	<5	11	6	15	280	<0.5	39	<0.2	170	110	360	0.5
M353	14050	41165	<5	4	4	10	1580	<0.5	14	<0.2	4500	120	100	0.1
M354	14305	41640	120	99	5	10	326	<0.5	275	<0.2	360	220	80	0.1
M355	14305	41605	60	4	1	<5	20	0.5	5	<0.2	100	60	80	<0.1
M358	14320	41505	<5	20	4	5	40	<0.5	23	<0.2	480	40	520	<0.1
M360	14250	42150	<5	256	15	35	348	<0.5	180	<0.2	360	140	120	0.4
M362	14225	42130	60	262	10	>10000	3160	68.0	280	1.0	2100	180	>10000	0.7
M365	13730	43100	<5	5	<1	60	52	<0.5	50	<0.2	120	170	140	0.2
M366	13755	43090	<5	7	1	85	26	0.5	14	<0.2	60	50	200	<0.1
M367	13805	43060	<5	1	1	10	4	0.5	4	<0.2	60	40	20	<0.1
M370	14015	43095	5	103	25	300	154	1.0	19	<0.2	1100	320	2100	0.5
M371	14060	42865	5	31	840	5	6	<0.5	39	0.8	1100	620	200	0.5
M372	14075	42830	15	38	104	245	58	13.5	36	0.2	47000	280	2100	0.1
S335	12960	41095	<5	2280	61	70	2360	<0.5	860	1.4	3200	60	60	0.1
S341	12890	40750	<5	323	31	25	312	<0.5	200	0.2	260	50	520	0.7
S346	12640	41480	<5	27	7	15	38	<0.5	175	0.4	1600	50	40	0.2
S353	12760	42535	<5	33	2	145	190	0.5	100	<0.2	520	70	40	0.3
S354	12810	42505	<5	21	4	305	630	<0.5	120	<0.2	1600	40	40	1.0
S355	12965	42365	<5	10	11	585	136	1.0	185	<0.2	2200	70	320	0.6
S357	13450	42695	<5	18	3	220	146	1.0	375	<0.2	2000	70	180	0.7
S358	12845	42640	<5	18	1	20	98	<0.5	65	<0.2	110	20	60	0.5
S359	13845	42850	<5	53	242	590	122	11.0	29	<0.2	5200	30	>10000	0.1
S360	14070	42745	30	116	93	5	14	1.0	29	<0.2	6500	20	560	<0.1
S364	14685	43180	35	123	55	385	26	2.5	7	<0.2	190	410	360	0.4
S365	14720	42770	<5	49	295	5	106	<0.5	6	<0.2	2400	160	240	0.4
S367	14895	42685	10	37	1010	10	<2	0.5	10	<0.2	550	50	80	0.1
T324	12135	41105	<5	14	2	25	238	<0.5	480	<0.2	3900	110	60	5.0
T326	12250	41570	<5	23	1	220	118	<0.5	85	0.4	590	70	20	0.1
T329	12490	41625	<5	22	<1	5	74	<0.5	50	<0.2	310	300	20	0.2
T330	12740	42840	<5	9	3	5	252	<0.5	160	<0.2	1600	60	180	1.8
T331	12915	41670	<5	50	2	<5	66	<0.5	300	<0.2	720	50	80	0.2
T336	12775	41725	<5	11	2	15	78	<0.5	210	<0.2	940	100	140	0.6
T348	14595	42670	300	45	30	2080	3590	3.0	7	<0.2	21000	30	120	0.1
T351	14330	42455	<5	68	22	85	38	0.5	11	<0.2	900	60	540	0.8
T353	14275	42325	10	113	71	5	18	<0.5	22	<0.2	2600	240	520	0.3
T355	14245	42200	<5	90	25	<5	8	<0.5	5	<0.2	110	230	360	0.2
T356	14455	42920	<5	44	3	<5	8	<0.5	6	<0.2	100	120	100	0.1
T359	14360	42575	55	3	37	<5	<2	<0.5	2	<0.2	50	40	20	<0.1
T362	14165	42585	<5	7	2	<5	<2	<0.5	2	<0.2	130	30	80	0.1
T364	14250	42070	<5	44	77	35	222	0.5	7	0.2	960	40	60	<0.1
Y313	13805	42995	150	103	1495	4280	64	121.5	1650	0.4	8300	370	4100	1.0
Y314	13805	42995	170	178	2400	8090	104	149.0	3400	<0.2	12000	490	3400	1.2

Table 4 The Chemical Analysis of Chip Samples

Dikmen (6)

Sample No.	Coordinates X	Y	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
Y315	13805	42995	160	105	792	6160	210	40.0	1800	0.8	18000	520	>10000	0.6
Y316	13795	42995	220	132	3550	>10000	88	153.5	480	<0.2	14000	570	>10000	1.8
Y317	13875	42995	<5	3	24	130	10	1.0	11	<0.2	360	90	240	0.6
Y319	13975	43170	<5	59	26	90	32	1.5	7	<0.2	1100	370	1860	0.1
Y321	14000	42725	<5	80	49	30	22	0.5	22	<0.2	1200	670	140	0.9
Y323	13990	42595	<5	89	110	10	16	0.5	50	0.2	8000	510	320	0.3
Y324	13995	42550	<5	84	73	15	46	<0.5	7	0.6	80	450	460	0.2
Y325	13975	42490	<5	13	629	30	4	0.5	33	0.4	560	300	300	0.4
Y326	13920	42465	<5	53	603	275	10	1.0	39	0.4	3600	470	180	0.2
Y327	13935	42380	<5	109	58	5	50	<0.5	10	<0.2	130	420	660	0.2
Y328	13945	42360	10	61	10	5	10	0.5	25	<0.2	500	270	180	0.1
Y329	13940	42345	5	40	9	5	42	<0.5	4	<0.2	50	440	920	0.2
Y332	13865	42300	<5	25	92	10	6	<0.5	15	0.4	1900	400	260	0.3
Y333	13850	42225	<5	74	24	<5	26	<0.5	2	<0.2	70	400	560	0.3
Y334	13855	42210	45	110	36	<5	6	0.5	15	0.6	620	70	40	0.1
Y337	13615	41905	315	133	278	1595	594	7.5	125	<0.2	6400	410	2400	0.4
Y339	13535	41855	10	29	14	15	54	<0.5	80	<0.2	12000	280	180	0.2
Y340	13435	41780	<5	16	17	15	32	<0.5	12	<0.2	320	240	260	0.3
Y342	13505	41805	25	34	26	5	58	<0.5	55	<0.2	6900	490	180	0.3

Table 5 Component Scores of Chip Samples

Arlik Dere (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
1: HB053	84500	30145	-1.765	-2.187	0.077	0.613	0.398	-1.305	-0.596
2: HB054	84100	30215	-2.545	-1.740	-0.206	-0.314	0.214	-1.336	0.071
3: HB055	84105	30225	-0.984	-1.650	-0.374	1.047	-0.632	-0.976	1.693
4: HB056	83815	30410	-3.152	-1.527	0.143	0.109	-0.121	-0.360	0.704
5: HB057	83685	30455	-1.144	-0.284	1.171	-1.064	0.664	-1.276	0.335
6: HB060	83500	30640	0.788	0.551	2.262	-1.831	0.334	-1.441	1.017
7: HB061	83500	30665	-1.221	-0.890	1.212	-0.526	1.882	-0.449	0.995
8: HB062	83320	30845	-2.270	-0.914	0.788	-0.780	0.830	-0.704	0.654
9: HB063	83320	30845	0.710	-1.333	1.300	-1.690	-0.235	-0.973	-0.173
10: HB065	82925	30865	-1.277	-0.498	0.600	-1.028	0.326	-2.125	-0.206
11: HB066	82925	30865	-1.807	-0.416	1.664	-0.370	0.214	-1.552	-0.278
12: HB067	82770	30905	0.128	-0.846	-0.341	0.357	-1.053	-2.050	0.007
13: KB078	82180	30125	-2.478	-1.704	0.055	-0.379	-0.417	-0.626	0.094
14: KB079	82290	30140	-3.073	-1.347	-0.073	-0.671	0.298	-0.835	0.180
15: KB080	82415	30170	-0.615	-1.476	0.369	-0.517	0.925	-0.331	1.322
16: KB081	82530	30185	0.126	-0.944	0.499	-1.079	1.468	0.097	1.533
17: KB082	82660	29850	-0.010	-2.968	0.944	0.105	-0.126	-0.390	-0.178
18: KB083	82660	29860	-1.000	-2.561	0.492	-0.571	-0.425	-0.259	-0.048
19: KB085	82725	29870	3.076	-1.156	1.325	-2.060	0.353	-0.857	0.600
20: KB086	82900	29825	-0.282	-1.840	0.277	-1.864	-0.117	0.112	0.208
21: KB087	83050	29800	0.178	-2.190	1.887	1.018	0.299	-0.590	0.008
22: KB088	83475	29520	-0.668	-0.694	1.366	-1.838	3.592	-1.061	-0.005
23: KB089	84185	29890	-0.824	-1.343	1.852	1.098	-0.018	0.721	0.525
24: KB098	85995	28580	0.554	-3.134	-0.144	0.166	-0.156	-0.454	-0.063
25: KS131	84830	30605	-0.767	-1.558	-0.409	0.085	-0.787	-0.149	0.234
26: KS132	84220	30500	1.071	0.128	1.828	0.318	0.767	-1.227	1.030
27: KS133	84055	30525	-0.656	-1.098	1.685	1.127	1.373	0.305	0.553
28: KS134	83780	30900	-1.986	-1.071	1.387	-0.409	0.848	-0.109	-0.492
29: KS136	83710	31010	-1.429	-1.404	0.674	-0.302	0.286	-0.054	0.139
30: KS137	83690	31195	-1.596	-1.072	1.616	2.061	0.355	0.320	0.473
31: KS141	82720	31150	-0.109	-1.370	-0.054	-0.602	-0.658	0.149	0.756
32: KS196	82270	29005	-0.124	-2.036	0.917	-0.920	-0.573	1.170	0.616
33: KS197	82090	30270	-0.389	-1.072	0.331	-1.133	1.060	-0.968	0.581
34: KS199	82130	30365	2.036	-2.188	-1.613	-0.094	-0.194	-0.325	0.643
35: KS200	82220	30405	-1.831	-1.672	0.161	0.318	-0.014	0.063	0.397
36: KS201	82315	30410	-1.480	-1.145	-0.175	-0.857	1.147	-0.393	0.634
37: KS202	82410	30450	-0.072	-2.376	-0.512	-0.566	0.537	-0.527	1.115
38: KS203	82495	30450	0.372	-1.823	-0.079	-0.433	0.697	-0.371	0.185
39: KS204	82695	30450	2.197	-1.712	-0.015	0.045	1.044	0.346	3.098
40: KS205	82720	30380	0.440	3.004	-1.910	0.128	2.101	1.557	-1.916
41: KS206	82640	30280	-0.452	-1.936	1.379	0.544	-0.210	0.567	0.678
42: KS209	83180	30045	0.966	-2.742	1.765	-0.072	0.491	-0.741	-0.369
43: KS210	83180	30045	3.113	1.746	-0.928	0.582	1.774	1.630	-2.079
44: KS211	83160	29950	1.245	-1.153	2.383	-0.300	0.534	1.511	1.095
45: KS212	83185	29890	0.229	-2.048	1.438	0.624	1.042	0.224	0.378
46: KS213	83470	29705	-2.093	-1.332	1.001	-0.833	0.250	-0.459	-0.467
47: KS214	83350	29980	-1.718	-1.194	1.240	-0.631	0.560	0.079	0.147
48: KS215	83185	30180	1.065	0.582	0.382	-2.422	0.209	0.204	0.171
49: KS216	83155	30285	-1.755	-0.394	-0.689	-0.864	0.960	0.114	0.435
50: KS217	83050	30505	2.325	-0.543	1.527	-0.778	0.639	-0.716	1.953

Table 5 Component Scores of Chip Samples

Arlik Dere (2)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
51: KS218	82800	30700	-0.731	-0.550	1.122	-1.209	0.692	-0.357	0.861
52: SR070	83650	31285	-1.178	-2.056	0.224	-0.978	-0.687	0.488	0.307
53: SR071	83735	31350	-0.640	-1.724	2.016	0.438	-0.787	1.257	0.486
54: SR073	83890	31425	-0.863	-1.213	1.169	-0.190	-1.461	-0.141	-0.103
55: SR074	83875	31460	-1.697	-1.342	1.636	2.320	-0.192	0.819	0.921
56: SR120	82160	28265	2.745	-0.886	-0.341	-0.961	0.461	-0.100	0.393
57: SR121	82220	28260	6.121	0.564	-3.692	-0.150	2.174	3.230	-4.144
58: SR124	84145	28455	1.391	-3.760	-1.517	-0.517	0.317	-1.125	-0.487
59: SR125	85315	28775	-0.576	-2.224	-0.217	-1.105	-0.113	0.001	0.760
60: SR127	85385	29355	-1.363	-0.769	0.334	-0.672	1.658	-0.750	0.357
61: SR128	84990	30090	-0.624	-1.497	-0.778	0.445	-0.611	-0.663	1.669
62: C302	82410	30105	-2.113	-0.194	-0.781	-0.098	0.940	0.508	-0.623
63: C304	82415	30150	2.108	1.378	-0.741	-1.572	2.135	-0.964	-0.170
64: C305	82495	30155	-0.730	0.093	0.762	0.748	1.431	0.070	-1.497
65: C307	82445	30075	-0.878	1.045	1.090	0.330	1.887	0.765	0.188
66: K301	83100	30920	0.285	-0.039	-0.525	-0.893	-0.469	0.156	0.918
67: K303	83510	30765	0.358	0.899	1.085	-1.163	-0.742	-0.708	-1.252
68: K304	83500	30810	-3.222	0.384	-1.356	0.138	-0.899	-0.830	-0.198
69: K305	83395	30825	-1.613	-0.913	-0.878	-0.910	-0.532	0.255	-0.518
70: K311	83420	30610	-1.939	-0.436	-0.578	0.498	-0.189	0.567	0.686
71: K313	83485	30415	-1.064	0.441	-0.267	-1.492	-0.103	-0.515	0.035
72: K314	83415	30340	-1.093	1.977	0.752	0.682	-0.459	-0.011	0.694
73: K315	83385	30325	-1.745	1.710	1.032	-0.467	-0.452	-0.293	-0.164
74: K319	83500	30490	-2.089	0.878	0.179	1.017	-1.217	0.247	0.491
75: K320	83505	30500	-1.180	1.990	0.892	-0.018	-0.678	-0.423	0.350
76: K321	83520	30525	1.836	0.841	1.211	-0.535	0.241	-0.943	-0.387
77: K322	83535	30475	-2.863	0.768	0.712	-0.284	0.600	0.407	-0.778
78: K323	83555	30465	-3.829	0.895	-0.225	-0.644	1.074	-0.182	-0.560
79: K324	83595	30465	-3.433	1.277	-0.095	-0.745	0.380	-0.640	-0.619
80: K325	83625	30485	-2.884	0.971	0.020	-1.571	1.216	-0.245	-0.547
81: K326	83665	30465	-3.249	0.383	-0.063	-0.525	0.134	0.104	-0.864
82: K327	83705	30460	-3.205	0.951	-0.093	-0.471	1.173	-0.067	-0.258
83: K428	83815	30380	-2.393	0.382	-1.301	-0.158	0.994	-0.410	-0.621
84: K430	83820	30255	-1.244	0.780	-1.124	-1.027	-0.689	-0.996	-0.257
85: K431	83810	30240	-2.364	1.032	0.061	-0.225	1.830	-0.236	-0.815
86: K433	83370	30315	0.627	1.560	1.002	-0.108	-0.539	-0.263	0.570
87: K434	83350	30290	-1.348	-0.415	0.349	0.255	-0.190	0.709	-0.591
88: K435	83340	30275	-2.784	0.680	-0.090	0.425	0.107	-0.455	-0.773
89: K436	83315	30165	-1.675	0.734	0.351	0.508	1.135	0.459	0.028
90: K437	83305	30160	-1.717	0.695	0.267	0.440	0.853	0.995	0.240
91: K438	83300	30165	2.333	-0.054	-0.191	-2.271	-2.469	-1.951	-1.431
92: K439	83320	30185	0.906	1.022	-0.116	-0.563	0.128	-0.605	0.791
93: K440	83320	30350	0.358	1.796	0.190	-0.807	-1.541	-1.970	-0.226
94: K441	83320	30630	-1.592	-0.449	-1.632	-2.460	0.574	0.375	0.273
95: K442	83285	30615	-0.410	1.002	-0.592	-1.200	0.381	-0.390	0.644
96: K443	83240	30555	3.216	2.748	2.180	0.161	-1.562	-0.953	1.019
97: K444	83175	30495	-3.367	0.631	-1.239	0.128	-1.059	-0.440	-0.063
98: K445	83275	30370	-1.627	0.410	-0.143	0.888	-0.874	0.588	0.273
99: K447	83325	30460	-1.805	0.766	-0.324	0.369	-0.697	-0.021	0.036
100: K449	83280	30410	2.367	0.959	1.295	1.149	-0.420	0.150	0.478

Table 5 Component Scores of Chip Samples

Arlik Dere (3)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
101: K450	83275	30400	2.083	0.158	0.747	0.779	0.128	-0.878	0.121
102: K467	82725	29880	2.640	0.149	1.052	-1.820	0.627	-1.253	-0.529
103: K468	82730	29800	2.573	1.693	-0.841	-0.079	0.432	0.515	-2.248
104: K469	82715	29775	1.836	1.736	-1.226	-0.288	-0.509	1.911	-0.720
105: K470	82680	29775	-0.209	-2.041	-0.864	0.341	0.007	0.014	-0.854
106: K473	83060	30135	-0.242	0.418	0.136	0.196	1.493	0.595	0.799
107: K475	83095	30150	0.719	-0.242	0.144	0.785	-1.324	0.650	-0.136
108: K476	83095	30150	1.041	-0.450	0.947	0.371	-1.079	1.536	0.301
109: K477	83110	30120	0.483	-0.246	0.228	-0.871	-0.823	1.211	-0.488
110: K479	83185	30125	4.929	-0.184	1.860	-0.156	0.272	-0.221	-0.296
111: K480	83155	30110	2.272	-0.568	1.561	0.606	0.235	1.382	-0.715
112: K482	83195	30075	2.616	1.207	0.687	-1.388	0.623	0.779	0.919
113: K483	83175	30070	2.347	-2.345	0.965	0.398	0.469	-0.222	-2.077
114: K484	83185	30075	1.632	-0.528	0.698	0.751	1.708	0.192	-0.915
115: K487	83170	29975	2.119	0.380	1.987	0.214	0.014	1.534	0.035
116: K488	83165	29920	1.088	-1.651	0.795	1.354	0.877	-0.335	-1.636
117: K491	83255	29760	4.343	0.827	1.253	-1.884	-0.142	-0.283	-0.111
118: K492	83260	29750	0.711	-0.160	0.075	-1.470	0.750	1.305	0.635
119: K493	83290	29685	-3.226	0.252	-0.477	-0.531	0.782	0.291	-0.672
120: K494	83355	29665	-1.789	-0.575	-0.450	-0.482	-0.725	1.291	-0.189
121: K496	83515	29555	-0.641	-0.647	-0.005	1.091	0.424	-0.490	-0.839
122: K550	82110	28600	1.419	0.312	-1.686	0.157	0.515	-0.360	0.870
123: M301	82395	30170	-0.538	0.155	-0.389	-0.614	0.699	1.100	0.779
124: M302	82350	30145	2.179	0.081	-1.024	-0.545	-0.534	0.709	1.463
125: M303	82400	30235	0.120	1.597	-0.964	-0.281	2.277	-0.266	1.238
126: M304	82520	30255	-0.136	0.449	-0.337	-0.791	1.361	0.630	0.461
127: M305	82570	30240	1.766	0.820	0.119	-0.404	1.541	1.482	0.600
128: M306	82640	30280	0.690	1.514	1.377	-0.837	3.106	1.931	1.518
129: M307	82600	30325	1.339	0.802	1.224	0.548	1.076	1.117	0.665
130: M309	82625	30385	-2.368	0.210	0.037	0.366	0.717	1.005	-0.442
131: M310	82505	30445	1.302	0.731	-0.755	1.235	-0.401	1.052	3.735
132: M311	82450	30435	0.208	0.716	-0.045	-0.647	1.113	0.373	0.028
133: M312	82420	30375	-0.647	1.371	0.202	0.696	0.675	-0.357	-0.071
134: M313	82205	30120	3.152	-1.121	-0.179	0.590	-0.951	-1.432	-0.987
135: M314	82165	30135	-1.777	0.238	-0.953	-0.908	-1.442	-0.007	-0.218
136: M315	82200	30360	1.683	0.759	-0.957	1.340	-1.439	0.275	2.783
137: M316	82765	30175	1.812	0.766	0.413	0.059	0.467	0.487	0.603
138: M318	83080	30380	1.494	-0.310	1.596	1.894	0.519	-0.224	-0.522
139: M319	83020	30425	2.480	-1.097	0.524	-0.833	-1.091	0.638	-0.581
140: M320	82980	30435	1.298	0.045	0.351	0.599	-1.352	0.730	0.639
141: M322	82165	30055	0.724	0.895	0.470	-1.984	-1.321	0.022	-0.083
142: M323	82205	30025	-0.729	0.336	0.282	0.325	-0.090	0.617	-0.326
143: M324	82235	30015	-0.048	0.096	-0.167	-1.016	1.061	-0.019	-0.582
144: M325	82345	29975	1.316	0.381	1.223	0.234	1.053	0.802	-0.389
145: M326	82455	29980	-0.260	-0.148	0.862	-0.076	2.127	0.693	-0.419
146: M327	82625	30050	0.643	0.289	0.767	0.881	-0.990	1.681	1.450
147: M328	82780	30085	-2.392	0.778	0.048	0.028	0.040	0.169	-0.346
148: M329	83080	29980	2.630	0.172	-0.402	-0.810	1.401	1.249	0.189
149: M330	82960	29850	0.627	1.112	0.138	-2.431	-0.655	0.141	0.425
150: M331	83000	29815	1.275	0.473	1.212	-0.124	-1.500	1.100	0.337

Table 5 Component Scores of Chip Samples

Arlik Dere (4)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
151: M332	83215	29640	-0.611	-0.279	-2.295	0.464	0.389	0.539	0.159
152: M333	83225	29635	-1.260	0.159	-0.052	-0.307	-0.058	1.213	0.054
153: M334	83360	29480	-0.946	-0.476	-0.111	0.859	-1.140	1.269	0.432
154: M335	83280	29505	1.556	-0.134	0.148	0.055	-0.143	-0.332	-0.550
155: M415	82775	29840	0.417	-1.648	-0.825	0.407	0.333	0.337	-0.127
156: M416	82820	29835	-2.027	-0.695	-1.535	-1.010	-0.645	0.675	-0.245
157: M417	82820	29835	-0.263	-0.155	-1.047	-2.695	-0.288	0.533	0.164
158: M418	82825	29775	2.608	-0.749	1.743	-1.263	0.299	-0.005	-1.038
159: M419	82860	29795	-2.920	-0.313	-1.462	-0.713	-0.049	0.248	-0.327
160: M420	82880	29795	-1.514	-0.398	0.044	1.707	0.071	1.900	0.709
161: M421	82930	29795	0.104	-0.569	0.212	0.072	0.715	-0.696	-0.872
162: M422	82950	29790	1.197	-1.549	0.093	-1.003	-1.283	0.139	-1.282
163: M423	83015	29805	-1.590	-0.103	-0.261	-0.654	0.166	0.784	-0.453
164: M424	83055	29785	-2.420	0.625	-0.645	-0.482	1.723	0.343	-0.128
165: M425	83155	29610	1.292	0.568	0.581	-0.288	-1.342	0.213	0.349
166: M427	83045	29920	-1.294	-0.857	-0.699	-1.724	-1.101	1.120	-0.449
167: M428	83040	29970	0.008	-0.166	-0.773	0.831	-0.798	0.462	-0.188
168: M449	84235	28050	4.542	-0.854	-1.765	0.043	-1.041	-1.122	0.106
169: M450	83980	28350	0.764	-0.112	-1.922	-1.103	-1.379	-0.010	0.395
170: M451	84350	28710	2.502	-0.914	-2.350	-0.902	0.992	1.275	-0.177
171: M452	84340	28705	-0.975	-0.125	-1.974	-0.433	-0.594	0.292	0.487
172: M453	84140	28930	3.254	-0.119	-2.591	-1.207	-0.255	1.620	2.150
173: M454	83760	28805	1.213	-1.780	-1.507	1.199	-0.126	-0.618	-0.592
174: M455	83415	28715	1.933	-0.157	-1.536	0.839	-1.109	0.232	0.872
175: P339	82295	30625	-0.899	0.601	-0.639	-0.890	0.408	0.535	0.627
176: P340	82335	30635	0.643	-0.553	-0.991	-2.435	-2.187	0.343	-0.535
177: P342	82565	30645	-1.387	-0.163	-1.737	0.422	-0.859	0.062	0.755
178: P343	82550	30685	4.922	-1.327	-1.178	0.696	1.056	-0.560	1.488
179: P345	82375	30855	-0.487	-0.001	-1.190	0.124	-0.362	-1.466	0.385
180: P346	82420	30375	-0.582	1.343	-1.011	0.572	0.722	-0.674	0.915
181: P348	82170	30385	2.925	-0.604	-2.927	-0.281	-1.023	-0.592	-0.246
182: P349	82080	30445	-0.040	-0.573	-3.193	0.384	-0.193	-1.383	-0.245
183: P350	82590	30485	2.056	0.060	-1.569	0.598	1.338	-0.383	1.672
184: P351	82735	30470	1.888	0.270	0.739	0.658	2.675	-1.323	-0.541
185: P352	82765	30505	-0.640	1.120	-0.268	0.063	0.844	-1.144	-0.942
186: P353	82785	30535	-0.837	0.476	-1.457	0.045	-1.169	-0.795	0.256
187: P354	82810	30590	4.172	-1.100	-1.415	0.577	1.107	-0.999	-0.062
188: S301	82890	30825	2.071	-0.496	0.431	2.949	1.425	-1.812	-1.517
189: S302	82865	30815	2.723	1.159	-0.435	1.160	0.107	-1.214	-0.226
190: S312	82865	30915	0.830	-0.524	-0.024	2.072	-0.873	-0.111	-0.559
191: S314	82925	30885	-1.584	0.647	0.287	0.327	0.492	0.271	-0.789
192: S315	82830	30865	-0.556	2.136	0.340	0.755	-0.367	-0.714	0.345
193: S316	82800	30865	0.785	2.285	1.601	0.907	-0.447	-0.759	0.113
194: S318	82765	30870	0.972	1.668	-0.771	1.272	-0.077	-1.515	0.605
195: S319	82925	30865	-0.915	0.796	0.670	0.629	-2.025	0.092	-0.882
196: S320	82995	30825	2.851	2.932	1.363	-0.353	-0.524	-0.788	-1.381
197: S321	82980	30790	-0.630	1.655	0.314	0.140	-0.502	-0.586	0.684
198: S382	82955	31210	1.834	-0.624	0.266	2.000	-0.701	-0.879	-0.564
199: S385	82640	31860	-1.461	-0.187	-0.676	1.091	-0.652	-0.224	-0.445
200: S388	82885	30800	1.255	-0.332	0.807	2.537	-0.947	-1.277	-1.082

Table 5 Component Scores of Chip Samples

Arlik Dere (5)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
201: S392	83065	30605	-1.087	1.132	0.454	1.947	-1.127	0.148	0.253
202: S393	83095	30605	0.914	0.854	0.244	-2.254	-1.375	-1.169	-1.289
203: S394	83125	30670	-1.180	1.987	1.024	1.487	0.010	0.121	0.899
204: S395	83045	30565	1.909	2.203	1.291	0.261	-0.836	-1.801	-0.202
205: S396	83005	30575	0.381	2.013	1.500	1.774	-0.188	-0.454	0.635
206: S397	82890	30675	-1.509	1.344	1.147	0.261	-0.252	-0.608	-0.504
207: S398	82905	30790	1.241	2.697	-1.175	0.532	0.130	-1.057	0.261
208: S399	82795	30720	-0.089	1.540	0.879	0.129	-0.664	-1.041	-0.010
209: S401	82595	30790	1.512	0.410	-2.104	1.113	0.630	0.626	2.015
210: S402	82620	30925	2.609	0.874	-1.713	1.176	0.045	-1.734	1.855
211: S403	82825	31110	0.482	-0.851	0.674	2.947	-0.456	-0.500	-0.959
212: S404	83200	31010	2.543	-0.120	1.117	1.720	0.743	-1.528	-1.459
213: T399	83645	31420	1.725	0.129	-0.154	-1.789	-1.862	0.837	-0.040
214: T400	83670	31480	-0.811	0.438	0.521	2.859	-0.987	1.136	0.287
215: T401	83675	31455	1.896	-1.067	0.317	-1.322	-0.839	2.437	-0.684
216: T402	83600	31435	-2.441	0.251	-0.585	0.964	-1.011	0.401	-0.612
217: T403	83540	31455	-1.615	0.060	-0.293	0.510	-1.234	0.650	-0.479
218: T404	83765	31360	-0.331	0.085	-0.431	-0.102	-0.725	0.371	-1.229
219: T405	83800	31400	1.373	0.041	-0.028	0.017	-1.361	1.328	-0.714
220: T406	83800	31150	0.614	0.182	0.273	1.242	-1.292	0.348	-0.485
221: T407	83785	31145	0.886	0.167	0.561	-0.281	-2.136	0.571	-0.658
222: T409	83670	31605	-0.740	0.097	-1.625	0.812	-0.634	-0.018	-0.352
223: T410	83645	31625	-2.482	-0.333	-0.327	2.235	-0.485	1.181	-0.675
224: T411	83690	31800	4.175	2.713	-3.329	1.953	2.821	-0.385	0.626
225: T412	83505	31335	0.010	1.875	0.708	-1.154	-0.969	-0.160	-0.126
226: T414	83485	31845	0.527	1.531	-0.694	-1.656	0.118	1.942	-1.155
227: T415	84495	31055	-1.951	0.706	-1.008	0.259	0.947	-0.675	-0.427
228: T416	84370	31365	-1.870	1.444	-1.454	0.397	-0.114	-1.676	0.032
229: T417	84545	31245	2.095	-0.625	-1.033	1.567	-0.382	-0.213	-0.499
230: T418	84510	31240	4.337	0.526	-0.743	0.699	0.905	-0.368	0.799
231: T419	84500	31250	-0.773	0.437	-2.338	0.487	-0.009	-0.378	0.184
232: T420	84890	31940	-0.810	-0.950	-0.130	1.384	-0.187	1.817	0.192
233: T421	84905	31935	0.743	-0.855	0.249	0.709	-0.691	1.721	0.002
234: T422	84930	31600	3.424	-1.272	-2.896	-0.207	0.226	-0.481	-0.951
235: T423	84870	30830	1.848	-1.632	-1.545	-0.070	-0.275	-1.452	-0.480
236: T424	84885	30830	0.464	-0.327	-2.223	-0.251	-0.599	0.102	1.030
237: T425	85190	30775	-0.059	-1.289	-2.693	0.788	0.214	-0.732	-0.510
238: T428	85470	29460	-0.518	0.128	-2.274	1.226	-1.074	-1.192	0.223
239: T429	82315	28200	-0.643	-0.019	-2.226	1.032	-0.385	-0.416	1.141
240: T430	83470	29405	3.130	-0.549	0.999	0.526	-1.889	-0.129	-1.059
241: T431	83445	29430	1.794	-0.705	-0.090	1.095	-1.060	0.587	-1.006
242: T432	83330	29315	-2.165	-0.827	-1.265	0.323	-0.150	0.378	-1.182
243: T435	83125	29340	0.639	0.150	1.019	0.897	1.703	0.914	-0.348
244: T436	82780	28795	-0.554	-1.427	-0.833	2.416	0.116	-0.092	-1.899
245: T437	83120	29680	2.135	-0.183	1.154	0.549	0.806	0.662	-0.600
246: T438	83520	29500	0.526	-0.316	0.475	-1.579	0.989	1.575	-0.923
247: T439	83270	29350	3.711	-0.844	0.971	-0.283	-1.337	1.016	-0.435
248: T440	83175	29395	-1.072	0.211	0.718	-0.162	-0.634	0.751	-1.046
249: T442	83165	29620	2.491	1.965	1.755	0.312	-0.068	-1.361	-0.300
250: T443	83135	29620	1.039	0.461	1.218	1.681	1.177	-0.658	-0.671

Table 5 Component Scores of Chip Samples

Arlik Dere (6)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
251: Y301	83300	30725	1.929	0.969	-0.122	-2.764	-0.721	-0.658	-0.420
252: Y302	83400	30645	-0.535	-0.090	0.525	0.920	1.115	0.202	-0.159
253: Y303	83560	30645	-2.631	0.834	-1.205	-0.413	0.688	-0.840	-0.581
254: Y306	83245	30900	1.341	0.168	0.918	-1.339	-1.523	0.064	-0.782
255: Y307	83380	30960	-0.642	1.302	-0.891	1.246	-0.210	-1.145	0.898
256: Y308	83485	30970	-2.223	0.334	-0.156	-0.082	-0.120	-0.325	-0.665
257: Y357	83585	31080	-1.653	0.160	-0.442	0.128	-0.793	0.500	-0.152
258: Y358	83665	31230	0.691	0.268	0.527	1.663	-1.215	0.826	0.271
259: Y359	83665	31245	-0.031	0.794	1.348	0.838	-0.923	0.944	0.095
260: Y360	83680	31225	0.365	0.764	1.334	-0.524	-1.684	0.734	-0.318
261: Y361	83735	31120	0.232	0.537	1.643	-0.340	-1.460	0.460	-0.851
262: Y363	83670	30995	-1.878	0.596	-0.089	0.078	-0.199	0.343	-0.604
263: Y366	83840	30745	-1.221	-0.421	0.449	2.356	1.457	0.136	-0.786
264: Y367	83880	30745	-0.805	0.420	0.289	-0.602	-2.000	0.626	-0.344
265: Y368	83400	30285	-1.140	1.123	0.527	-0.550	0.113	0.065	-0.230
266: Y369	83385	30260	-2.580	0.964	0.106	0.242	-0.004	-0.063	-0.417
267: Y370	83395	30130	-2.038	0.247	0.164	0.723	-1.080	0.850	-0.178
268: Y372	83325	29940	-0.709	0.581	-0.268	-0.397	-0.920	0.943	0.953
269: Y373	83340	29935	-2.061	0.511	-0.260	0.659	-0.453	0.611	0.422
270: Y374	83345	29900	-0.335	0.622	-0.528	-0.335	0.104	0.837	0.624
271: Y375	83385	29835	-2.946	0.666	-0.225	-0.651	0.347	0.043	-0.886
272: Y377	83635	29680	2.452	1.723	1.090	-1.166	-1.257	-0.776	0.721
273: Y378	83685	29685	-2.409	0.492	-0.243	1.332	-0.959	0.490	0.290
274: Y379	83700	29750	-0.846	1.823	0.320	0.872	-0.134	0.354	1.773
275: Y380	83695	29805	-2.233	1.526	0.011	-0.695	0.043	-0.647	0.392
276: Y381	83760	29795	-2.532	0.893	-0.339	-0.134	0.604	-0.030	0.022
277: Y382	83745	29735	-2.878	0.820	0.138	0.302	0.627	0.305	0.140
278: Y383	83765	29890	-2.801	0.769	-0.073	-0.491	0.204	-0.190	-0.306
279: Y387	83810	29740	-2.008	1.914	0.085	-1.435	-0.899	-1.185	0.184
280: Y388	83935	30200	0.139	1.447	0.985	-0.572	-1.334	0.359	0.842
281: Y389	83780	30095	-2.490	-0.287	-0.314	0.535	-0.762	-0.413	-0.488
282: Y390	83555	29870	-2.632	0.048	0.062	0.645	0.613	0.180	-0.311

Table 5 Component Scores of Chip Samples

Karaibrahimler (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
1: KB064	80715	27500	-1.410	0.090	0.260	0.872	-0.562	-0.651	0.100
2: KB065	80705	27505	-0.718	0.249	1.154	2.370	1.278	0.332	0.978
3: KB066	81335	27790	-0.210	0.867	-0.054	-0.089	0.297	-0.240	0.586
4: KB067	81395	27820	-2.109	-0.397	-0.006	0.899	0.572	-1.182	0.427
5: KB069	80815	30435	-1.825	1.932	-1.006	0.490	0.314	0.231	-0.501
6: KB071	80880	30315	-2.302	1.759	-0.174	-0.347	0.476	-0.045	-0.403
7: KB072	80920	30295	4.518	2.163	2.118	-0.298	0.049	-0.024	-0.362
8: KB073	80935	30295	0.497	2.795	1.052	0.095	-1.069	0.340	-0.095
9: KB074	81200	30170	1.901	-0.273	0.598	0.608	1.069	1.141	-1.594
10: KB075	81260	30330	-0.506	2.319	0.853	-0.828	1.755	-0.977	1.734
11: KB076	81310	29885	-0.550	2.325	-1.248	-0.542	-0.305	-0.283	-0.487
12: KB077	81995	30090	-1.605	-0.184	-0.466	0.624	0.098	-0.735	0.359
13: KB090	81115	29885	-1.899	-0.022	-0.077	-0.517	0.419	-0.046	-0.393
14: KB091	81135	29685	-1.643	-1.191	0.160	1.330	0.262	1.060	-0.269
15: KB092	79985	29375	1.518	-1.269	-1.172	-0.909	-0.295	-1.668	-0.163
16: KB093	79905	29245	-1.631	0.004	-2.286	1.317	0.791	-0.811	0.642
17: KB094	79830	28925	0.090	-0.491	1.322	0.822	0.024	-0.320	1.013
18: KB095	80420	28675	-0.070	0.729	-1.629	1.673	-1.113	-1.179	1.062
19: KB096	80505	28460	-1.884	-0.024	-1.802	1.086	0.903	-0.559	0.676
20: KB149	79925	28635	-1.448	-0.861	0.861	0.315	-0.813	-0.979	0.613
21: KB155	79220	27835	0.098	-0.506	-1.581	0.697	-0.857	-1.428	0.975
22: KB158	80315	27335	-1.578	0.842	0.185	0.473	0.624	-1.025	-0.669
23: KB159	80785	27275	-1.625	2.133	-0.241	-0.142	0.252	-0.152	0.075
24: KB160	81580	27435	-0.508	0.683	0.108	-0.857	0.153	-1.049	0.186
25: KB161	81820	27455	-0.665	-0.949	0.768	0.578	1.455	-0.299	0.368
26: KS175	79280	29150	-2.450	-0.188	1.053	-0.714	-0.114	0.392	-0.818
27: KS185	80020	29730	5.873	-0.458	-1.401	-2.096	-0.399	0.651	0.545
28: KS186	80110	29750	7.537	-1.923	-3.061	0.015	0.690	1.607	0.822
29: KS187	80035	29910	-1.414	-0.863	-0.526	0.330	0.071	-0.258	0.202
30: KS188	80060	30000	3.546	1.556	0.473	0.064	0.407	0.137	-2.095
31: KS189	79985	30185	-3.086	-2.287	0.755	0.511	0.418	0.006	-0.429
32: KS191	80170	29445	0.491	-0.563	-1.061	-0.666	-0.339	-0.232	-0.611
33: KS193	81145	29060	-1.066	0.034	1.893	-0.371	-1.450	-0.019	0.136
34: KS194	81235	29050	-2.729	0.535	1.593	-1.494	0.161	0.625	-0.553
35: C357	79745	29505	0.667	-0.670	1.161	-0.558	1.542	-0.834	1.245
36: C358	79600	28190	1.432	-0.243	1.351	0.683	0.535	-1.330	0.532
37: C360	80070	28105	0.478	0.198	1.394	-0.053	-0.566	-1.326	-0.080
38: C361	80405	27770	0.472	0.200	-1.054	1.595	-1.344	0.453	0.031
39: C365	79560	27935	-0.474	0.980	-1.108	1.112	0.537	-0.420	-1.001
40: C368	79660	30755	0.633	-1.124	0.173	0.323	-2.196	-0.171	0.081
41: C371	79960	30330	-0.117	1.193	0.479	0.119	0.655	-0.801	0.288
42: C372	79910	29950	-1.044	1.310	-0.244	0.052	1.247	2.512	0.185
43: C373	79675	30075	-0.110	-1.692	-0.823	-0.494	-1.795	-0.492	-0.904
44: C374	79665	30055	-2.035	1.749	-0.041	-1.301	-0.445	1.012	-1.038
45: C378	80750	29670	5.093	1.094	1.307	-2.590	-1.744	-0.412	0.302
46: C379	80855	29435	-0.442	-0.541	-0.252	-1.306	0.379	0.128	0.346
47: C380	80880	29430	-1.007	2.374	-0.622	-1.139	0.664	0.462	0.340
48: C381	80950	29390	0.408	-0.510	0.138	-0.821	-0.932	-0.356	0.505
49: C383	80000	30565	0.250	-1.168	-1.819	-0.859	-1.600	0.038	-0.228
50: K453	81535	29675	0.046	-0.568	-2.164	1.155	-0.672	0.138	0.248

Table 5 Component Scores of Chip Samples

Karaibrahimler (2)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
51: K454	81530	29690	-0.598	-1.255	-1.583	-0.272	-0.443	0.236	-0.466
52: K455	81520	29680	-2.452	-0.467	-0.898	-0.529	-0.110	0.733	-1.109
53: K456	81545	29575	-1.209	1.128	-1.559	-0.115	-0.644	0.038	-0.288
54: K459	81660	29330	-1.748	1.035	-0.826	-0.751	0.880	0.689	0.087
55: K460	81955	28995	-0.581	1.234	-3.025	-0.173	-0.524	0.186	-0.380
56: K461	81970	28980	1.701	-0.978	-1.053	0.912	-1.175	0.487	-0.509
57: K500	80560	28985	-1.143	0.515	-0.694	-0.075	-0.411	0.546	-0.217
58: K506	81525	28420	3.342	-1.231	2.484	2.955	1.070	0.991	-0.378
59: K507	81740	28530	0.296	-2.227	0.083	1.105	-0.096	1.949	-0.998
60: K508	80470	29650	2.807	-1.252	0.110	0.124	-0.072	-1.790	-1.293
61: K509	80510	29670	-1.727	-2.651	0.281	-0.023	0.415	0.967	-0.240
62: K510	80505	29665	2.734	-0.273	1.415	0.723	-2.657	1.526	0.778
63: K511	80480	29650	-0.174	-2.266	-0.004	-0.335	-0.161	0.678	0.141
64: K512	80730	29675	2.440	-1.461	-0.421	-0.053	0.928	0.007	-0.951
65: K514	81875	28925	-0.391	1.845	-1.308	-0.110	-0.721	0.110	-0.622
66: K515	81535	29385	-0.575	2.078	0.692	1.366	0.767	1.420	-1.301
67: K519	81235	29355	-0.338	1.321	-0.678	-0.381	0.188	0.918	0.483
68: K524	81340	28710	2.154	1.980	0.281	2.323	-1.552	-0.285	-0.118
69: K525	81370	28670	2.993	0.292	1.673	1.093	-0.841	0.106	0.763
70: K527	81395	28620	-0.958	-0.602	1.725	0.425	-0.646	0.604	0.629
71: K530	81500	28515	-0.060	-1.808	1.294	0.560	-0.371	0.935	0.514
72: K531	81510	28510	1.282	-1.518	1.165	-0.640	-0.114	-1.837	-0.326
73: M430	80985	27870	-2.302	0.205	1.120	-0.256	-0.074	0.745	0.322
74: M432	80980	27910	1.663	1.144	0.924	1.341	0.356	-0.384	-0.676
75: M433	80975	27935	-2.130	0.074	1.238	-0.236	0.109	0.303	0.831
76: M434	80960	27990	0.129	1.473	1.797	0.960	-0.461	1.571	1.282
77: M435	80850	28150	0.284	1.626	-0.232	1.086	-1.609	0.934	0.221
78: M436	80820	28115	-0.853	0.829	-2.099	0.345	1.198	-0.078	1.218
79: M439	81225	27820	-1.192	-1.408	1.151	-1.156	0.302	-0.089	1.235
80: M440	81265	27825	1.076	0.017	1.577	-0.815	0.296	-1.190	-1.407
81: M442	81170	27575	-2.505	-0.718	1.046	-0.725	-0.301	0.889	-0.441
82: M445	81985	27860	-1.528	-1.246	1.407	-2.323	-0.283	0.579	-0.088
83: M448	81850	27555	-0.813	0.892	0.004	-1.339	-0.024	-0.108	0.311
84: S411	80165	29090	-1.199	-0.678	0.860	-2.408	0.414	0.524	-0.097
85: S418	80435	28035	0.939	0.030	-0.036	0.971	1.326	-1.019	-0.622
86: S420	80400	28115	-2.780	-2.291	0.170	0.020	0.323	0.119	-0.332
87: S422	79930	28355	1.722	-0.389	0.108	1.236	-0.141	-2.639	-1.091
88: S428	81295	27920	-0.404	-1.885	0.167	-0.589	-0.463	-0.401	1.135
89: S430	81365	27785	0.373	2.312	0.434	-0.386	0.992	-0.930	-0.983
90: S434	80870	27540	-0.004	1.813	0.253	-0.466	-0.185	-0.311	0.421
91: S435	79245	27530	-2.251	-1.836	-1.083	0.145	0.215	0.371	-0.442
92: S437	79080	27710	-2.151	-1.828	-1.173	-0.197	0.156	-0.040	-0.415
93: S446	79995	27490	-1.454	-2.730	0.174	0.153	0.384	0.048	0.268
94: T444	81230	30005	2.667	0.271	-0.913	-2.105	0.012	0.419	0.208
95: T445	81205	30070	2.204	1.074	-0.477	0.140	-0.279	0.884	1.001
96: T452	80840	30260	6.863	-1.185	-0.717	-0.664	3.859	0.684	0.134
97: T454	80705	30070	0.132	0.661	-1.143	-0.954	0.552	0.100	1.328
98: T455	80470	30120	0.332	-0.811	1.004	-1.123	0.130	-1.159	-0.430

Table 5 Component Scores of Chip Samples

Kestane Dağı (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
1: AK071	74350	28410	-0.529	1.643	-0.339	0.012	-0.047	-1.499	-0.874
2: AK073	74415	28550	-0.358	2.605	-0.496	0.053	0.885	0.952	0.657
3: AK074	74415	28645	-1.290	1.489	-0.592	0.266	0.151	0.717	0.975
4: AK075	74350	28690	-0.880	1.503	-0.710	-0.036	-0.024	0.473	0.637
5: AK076	74330	29000	-0.952	2.975	-1.239	0.238	-0.515	-0.196	-0.827
6: HS163	76485	29820	0.605	2.882	-1.610	-0.748	-0.978	-0.535	-1.501
7: HS164	76480	29820	0.555	2.549	-0.119	-0.648	1.476	1.487	0.488
8: HS168	75945	29880	2.792	1.291	-1.113	-0.241	1.331	-0.033	-0.063
9: HS169	75945	29880	0.442	1.494	-0.834	0.201	0.974	-1.540	-0.302
10: HS170	75795	29745	-1.869	-1.828	-1.310	-0.364	0.362	-0.784	0.216
11: HS171	75795	29745	2.381	2.009	-0.949	-0.867	2.194	-0.493	-0.125
12: HS172	75795	29745	2.044	0.995	-1.660	-0.123	0.888	-0.147	-0.171
13: HS173	75685	29705	1.600	-0.342	-0.546	1.889	-0.725	1.026	-0.151
14: HS174	75685	29705	0.430	-0.556	-1.266	2.218	-0.036	-1.039	-0.073
15: HS175	75680	29595	5.373	-0.125	-0.985	1.064	-1.206	-0.734	1.403
16: HS176	75655	29480	3.267	0.176	-0.141	1.932	-0.679	-0.615	0.230
17: HS177	75445	29680	0.699	-1.159	-1.520	1.702	-0.122	-1.467	-0.016
18: HS178	75595	29100	-1.527	0.243	-0.305	0.954	1.413	-0.429	0.004
19: HS179	75660	28970	1.652	1.534	1.444	-1.057	0.443	0.510	-1.429
20: HS180	75660	28970	-0.864	0.138	0.463	0.348	0.137	0.741	-1.703
21: HS181	75660	28970	-1.006	-0.261	1.861	-0.071	0.931	0.911	-0.795
22: HS182	75675	28850	-0.709	-1.852	2.208	-1.899	1.404	-1.720	-0.609
23: HS183	75750	28810	-0.802	0.033	1.404	-0.510	-0.592	0.997	-1.065
24: HS184	75795	28745	-1.309	-0.821	1.339	0.287	-0.413	-0.285	-1.285
25: HS185	76045	28730	1.047	2.374	3.044	-1.160	1.544	-0.642	0.771
26: HS186	75950	28875	-2.973	0.911	1.356	1.005	0.571	-0.689	0.090
27: HS187	76000	28950	-1.506	1.025	1.735	1.209	1.557	-1.206	-0.427
28: HS190	75170	28810	-0.379	1.581	-0.113	0.836	-1.080	-0.867	-0.005
29: HS192	75275	29265	1.852	-0.094	-0.661	1.642	-0.052	1.315	0.182
30: HS193	75190	29540	-0.120	0.579	2.006	0.496	0.010	1.043	-0.219
31: HS194	75205	29680	-0.852	0.218	0.993	-1.746	-1.283	-0.245	-0.186
32: HS195	75205	29680	1.610	-0.310	-0.804	-2.997	1.238	-0.137	0.499
33: HS196	75190	30245	1.102	-1.201	-0.749	-1.298	-0.175	-0.519	-0.104
34: HS197	74775	30780	0.408	-0.196	-0.610	1.127	-0.958	0.701	-0.067
35: HS200	75280	30575	0.021	-0.010	-0.853	1.644	0.362	-0.333	0.070
36: HS201	75395	30520	0.340	-1.086	-1.570	0.744	0.016	0.062	0.355
37: NY115	75065	28375	-1.853	1.394	-0.866	0.017	-0.621	-0.146	-0.075
38: NY116	74925	28510	-1.007	1.242	-0.284	-0.751	-1.297	-1.494	-0.569
39: NY117	74760	28695	-3.234	-0.782	-0.636	0.628	0.599	-0.034	-0.226
40: NY119	74660	28980	-0.844	0.796	-1.173	-0.643	-0.890	0.104	-1.105
41: NY120	74655	29080	-1.370	0.279	-1.211	0.159	0.086	0.329	0.277
42: NY121	74655	29255	-2.004	0.534	-0.879	0.896	0.383	-0.176	-0.028
43: NY123	74520	29470	-1.500	1.880	-0.323	0.084	-0.991	-0.845	-0.271
44: NY124	74340	29560	-2.473	0.018	-1.033	-0.185	-0.074	0.775	1.093
45: NY126	74280	29915	-2.655	0.385	-0.951	0.633	0.288	-0.404	-0.254
46: NY127	74245	29980	-3.001	0.724	-0.323	0.974	0.005	0.126	-0.157
47: NY128	74185	30075	-0.411	2.014	1.603	-0.741	-1.196	1.919	1.553
48: NY129	74165	30095	-1.493	1.671	0.769	0.244	-0.169	0.060	0.187
49: NY130	74230	30230	-0.608	1.365	-0.101	-0.285	0.318	1.739	-0.003
50: SR098	76765	29970	-1.627	1.793	0.666	0.012	0.094	0.909	0.536

Table 5 Component Scores of Chip Samples

Kestane Dagı (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
51: SR100	76865	29620	0.187	0.828	-0.185	0.306	0.575	1.522	-0.726
52: TS099	75025	28165	-0.235	0.810	-0.124	-0.476	-1.631	0.443	1.135
53: TS100	74810	28300	-0.895	2.151	0.077	-0.600	-0.984	-0.033	0.639
54: TS101	74585	28320	-0.610	0.405	-0.971	1.213	-0.015	-0.857	0.204
55: TS103	74210	28535	-1.552	-0.453	-0.833	-0.580	-0.105	1.466	-0.560
56: TS104	74185	28410	-0.625	0.994	-0.865	0.269	1.112	0.654	0.312
57: TS105	74015	28650	-0.818	0.683	-0.286	-1.019	0.861	-1.260	0.267
58: TS115	75155	28030	-1.613	0.961	-0.238	-0.772	-0.524	-0.123	0.614
59: TS124	76910	28530	-1.794	2.398	-0.570	0.893	0.070	0.417	-0.076
60: TS125	76835	28835	-2.180	1.498	-0.355	0.568	-0.459	-1.017	-0.128
61: TS126	76820	28880	3.081	3.395	-0.754	-1.004	-1.582	-0.648	-1.009
62: TS153	74985	28045	-1.987	1.138	-1.121	-0.034	-0.018	-0.980	-0.015
63: TS154	75005	27985	-0.756	2.135	-1.219	-0.798	-0.421	0.212	0.304
64: TS230	75915	30245	0.223	-0.476	-2.189	-1.372	0.231	0.177	-0.852
65: TS231	75870	30355	1.521	0.670	-1.709	-1.849	-0.002	0.858	-0.288
66: TS232	75985	30480	1.429	-0.171	-2.322	-1.811	0.694	-0.669	-1.804
67: C397	76640	28100	-2.681	-1.649	-1.755	-0.385	-2.189	-1.095	0.519
68: C400	74535	29880	-2.199	1.193	-1.012	1.259	-0.538	-0.885	0.130
69: C401	74265	29970	-2.864	-2.756	-0.802	-0.519	-0.756	-0.392	0.297
70: C404	74560	30820	-3.518	-2.202	-0.668	0.104	-0.638	-0.362	0.355
71: C405	74575	30790	-0.921	-1.515	-0.586	2.105	0.308	-0.192	-1.282
72: K557	76125	28080	0.224	-2.233	2.376	-2.052	1.071	-0.709	0.860
73: K560	76000	28305	0.198	1.847	3.192	-0.553	0.364	-1.805	0.638
74: K564	75865	28310	-0.292	0.338	3.029	-0.330	0.481	-1.149	1.711
75: K565	75055	29550	-1.698	-2.773	0.746	-0.325	-1.804	-1.269	0.645
76: M458	76070	28860	-0.107	-0.138	0.899	-0.281	0.464	0.553	-1.341
77: M460	76575	29070	1.263	1.511	0.095	1.097	-1.077	0.446	-2.121
78: M462	75950	29840	2.211	-0.533	-0.459	-1.185	0.944	0.089	-1.498
79: M463	75935	29840	-0.177	-1.795	-0.901	-0.225	-0.509	0.191	-0.779
80: M465	76650	29740	-0.227	0.458	0.426	-0.541	-0.880	0.776	0.251
81: S448	75060	28260	-1.164	0.255	0.193	-0.634	-0.282	-0.605	0.991
82: S452	74800	28290	-0.907	0.670	-1.239	-0.837	-0.787	-0.164	0.662
83: S455	75715	29330	-2.599	-0.519	1.855	0.817	0.837	-1.034	0.912
84: S456	75715	29445	1.340	-1.285	-1.179	-1.812	1.003	0.652	0.258
85: S457	75725	30050	-0.301	-1.680	-0.563	-2.192	-1.702	-1.340	0.093
86: S458	76280	30015	1.650	-1.022	-0.584	-1.201	-0.184	-0.601	-0.235
87: S459	76130	30220	-0.608	0.866	0.444	1.035	1.020	1.264	-0.391
88: S461	75665	30430	1.898	-1.466	-1.565	-0.668	0.515	0.113	0.241
89: S462	75570	30615	-1.254	-2.072	-1.209	1.613	0.017	-0.169	-1.187
90: T460	75580	29375	0.066	1.521	0.534	0.406	-0.893	-0.038	0.968
91: T461	75680	29345	-1.888	-1.711	0.825	0.124	-0.898	1.941	0.252
92: T464	75850	29295	0.480	1.747	0.160	-0.430	0.421	-0.279	0.353
93: T465	76115	29295	-0.125	2.144	1.050	-0.693	-0.068	-0.002	0.709
94: T467	76320	29280	-1.799	0.958	-0.467	0.928	0.255	0.526	1.361
95: T468	76650	29180	-0.112	0.576	-1.403	-0.709	-0.893	0.142	-0.966
96: T469	75305	28490	0.993	-2.320	2.007	0.737	-1.023	0.416	1.299
97: T470	75350	28515	1.899	0.944	2.481	0.338	-0.677	-0.351	-0.957
98: T471	75360	28525	-1.853	-1.363	-0.469	-0.295	-0.854	1.599	1.084
99: T473	75630	28810	-0.688	0.673	0.738	1.021	2.637	-0.067	1.262
100: T474	75585	28800	0.524	-1.732	2.399	-0.980	0.072	-0.190	-1.246

Table 5 Component Scores of Chip Samples

Kestane Dagı (3)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
101: T475	75580	28820	0.432	-1.883	1.805	-0.611	0.451	-1.342	-1.443
102: T476	75520	28910	1.102	-0.993	1.600	-1.696	-1.222	1.671	0.790
103: T477	75525	29055	2.882	-0.571	1.433	-2.425	-0.664	-0.326	0.396
104: T478	75530	29045	1.422	0.407	1.915	-0.552	0.380	0.817	-0.690
105: T479	75555	29020	-2.246	-1.868	1.274	0.727	-0.544	-0.001	-1.581
106: T480	75640	28860	-1.467	-0.221	0.747	0.619	1.091	-1.235	0.295
107: T481	75785	28775	-2.631	-2.452	2.458	-0.408	-0.190	0.163	-0.851
108: T482	75925	28665	-0.694	-0.117	2.424	0.384	1.890	-0.451	0.265
109: T483	75470	28910	-0.616	-2.715	2.239	0.036	-0.158	0.221	-0.804
110: T484	75325	29225	0.460	-0.361	0.327	-0.481	1.023	1.278	-0.593
111: T485	75870	30150	2.271	-0.847	-0.477	-2.175	-0.035	0.261	-0.464
112: T486	75880	30135	0.792	-1.235	-0.961	-0.787	1.448	0.494	0.164
113: T487	75765	30145	-1.093	-2.137	-1.482	0.554	1.352	-1.356	-0.226
114: T488	75580	30325	-0.265	-1.793	-1.211	0.198	1.514	-0.224	0.724
115: T489	75520	30435	1.053	-1.801	-0.977	0.079	1.347	0.865	1.356
116: T490	75515	30430	2.051	-1.790	-0.947	-0.739	1.412	0.833	0.935
117: T491	75460	30415	1.840	-2.286	-1.745	-0.948	0.294	0.864	0.095
118: T492	75310	30565	-0.069	-2.051	-1.872	-0.928	0.876	-0.175	1.247
119: T493	75245	30660	0.838	0.497	-0.239	-0.070	0.631	0.691	0.522
120: T494	75140	30770	1.282	-2.314	-0.974	2.701	0.403	0.136	0.721
121: T495	75160	30995	-0.334	-1.636	-0.970	0.079	1.074	0.441	0.228
122: T496	75350	30810	0.113	-0.252	-0.596	-0.810	-0.155	1.313	0.629
123: T497	75315	30775	0.731	-1.096	1.512	-0.271	0.206	0.822	-0.378
124: T498	75525	30565	0.591	-1.135	-0.604	-0.700	-1.290	0.571	0.299
125: T499	75555	30065	2.815	-1.632	-0.611	-0.312	-0.524	-0.591	0.003
126: T500	75460	30145	3.674	-0.694	1.175	2.751	-0.929	0.425	0.371
127: T501	75465	30170	6.841	0.392	1.910	1.993	-1.700	-1.012	0.823
128: T502	75430	30220	3.834	-0.048	-0.213	0.877	0.340	-0.025	0.407
129: T503	75415	30260	3.394	-0.476	0.049	3.570	0.973	0.052	-0.033
130: T504	75380	30270	3.287	0.356	0.101	-0.394	0.455	-0.729	0.360
131: T505	75150	30500	2.020	0.659	0.260	0.698	1.632	-0.290	-1.271
132: T506	75005	30590	4.619	0.046	0.160	0.779	-1.794	-0.756	-0.004
133: T507	75020	30640	-1.655	-0.825	0.609	1.457	-0.472	1.012	-1.202
134: T508	75035	30650	2.805	-2.057	0.545	1.897	-0.668	0.178	-0.055
135: Y395	75055	28385	0.140	0.421	0.881	-1.104	-1.539	-1.726	1.422
136: Y400	74810	28645	-2.136	0.143	0.109	0.958	-0.052	-0.149	1.106
137: Y402	74185	30195	-1.525	-0.819	1.084	0.168	-0.556	0.711	0.148
138: Y403	74980	29335	-0.270	-0.499	-0.777	-0.891	-1.920	0.489	-0.118
139: Y404	75145	29010	-0.458	-0.106	1.083	0.092	-0.546	0.237	-0.329
140: Y405	75250	29475	-0.182	0.166	2.015	0.868	-0.931	2.023	-0.664

Table 5 Component Scores of Chip Samples

Piren Tepe (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
1: HB072	82120	21440	-0.135	0.613	-2.310	1.865	0.044	-2.291	0.876
2: HB073	82120	21440	-0.768	0.218	-2.140	2.899	-0.223	-2.263	0.732
3: HB075	82075	21540	0.806	0.922	-0.351	1.250	-1.289	-1.168	-0.615
4: HB076	82075	21540	0.702	1.188	-1.387	0.790	-1.939	-0.899	-0.404
5: HB077	82075	21540	1.059	0.623	-1.191	2.353	-0.320	-0.133	-1.379
6: HB078	81795	21385	-0.382	-1.673	-0.799	0.584	-0.744	-1.275	-1.245
7: HB079	81490	21355	1.066	0.840	-1.163	-0.015	-0.732	-0.099	-1.104
8: HB080	81490	21355	0.610	1.301	-0.602	0.950	-0.937	0.385	-0.236
9: HB081	81335	21355	1.710	0.872	-0.279	0.332	0.462	0.476	-0.116
10: HB082	81165	21545	-1.440	-0.711	0.611	0.772	-0.596	-0.071	0.551
11: HB083	81010	21730	0.085	-0.712	-0.126	2.136	0.954	0.287	-0.471
12: HB085	80595	21565	3.512	0.684	-1.693	-0.430	0.154	0.397	-0.087
13: HB087	80545	21650	-1.961	-1.351	-0.836	0.835	1.059	-0.290	1.110
14: HB088	80330	21540	-2.410	-1.886	-0.820	0.427	-0.430	-0.853	0.686
15: HB089	80270	21640	-1.280	-1.218	0.016	-0.151	-0.763	0.174	-0.927
16: HB095	79525	21610	-0.447	-1.624	0.524	0.697	-0.057	0.383	0.416
17: HB096	79525	21610	0.750	-1.839	1.089	0.837	0.397	-0.037	0.768
18: HB097	79815	21670	2.442	-1.214	1.001	0.731	0.117	0.398	0.965
19: HB098	79875	21840	-0.667	-2.588	-0.021	0.487	0.620	-0.064	-0.156
20: HB099	80300	22085	-2.324	-1.797	-0.333	0.224	-0.191	-0.109	0.879
21: HB100	80455	22170	-2.464	-1.554	-0.402	0.350	-0.405	0.095	1.598
22: HB101	81010	22070	2.348	-2.734	-0.322	-0.184	-0.357	0.506	-0.650
23: HB102	81450	22250	-1.854	-2.154	0.555	0.470	0.029	-0.116	0.128
24: HB104	81990	22040	1.894	-2.656	-0.142	-0.449	-0.518	-0.084	-0.076
25: HB109	82665	21805	2.212	-3.312	-0.571	-0.002	-0.483	0.513	0.736
26: HB110	82500	22370	-0.943	-2.210	0.667	0.927	0.645	0.156	0.436
27: HB111	82500	22370	1.886	-2.955	0.456	0.490	1.164	0.223	-1.427
28: HB112	82500	22400	1.264	-2.349	-0.467	0.341	1.207	1.460	0.390
29: HB113	82500	22400	0.855	-1.416	2.374	0.504	1.180	-0.986	1.013
30: HB114	82500	22400	3.194	-0.292	1.654	-2.000	2.115	-0.760	1.242
31: HB116	82365	22470	2.094	-2.814	-0.050	0.352	0.110	0.098	-0.674
32: HB117	82400	22475	0.467	-2.769	-0.027	1.223	1.183	0.907	-0.433
33: HB118	82505	22600	-1.072	-1.934	0.562	0.300	0.413	-0.317	-0.043
34: HB163	79125	22810	2.584	-3.302	-1.377	-0.322	-0.856	1.266	-0.428
35: HB164	79125	22810	1.751	-2.140	-0.067	0.705	-1.270	1.984	-0.634
36: HB166	79335	22590	4.493	-0.209	0.453	-0.764	-2.469	1.991	1.501
37: HB167	79955	22480	2.897	-0.481	0.199	-0.427	-0.337	1.241	0.972
38: HB169	80065	22415	1.963	-2.672	-0.775	0.021	-1.184	1.345	-0.707
39: HB171	80905	22500	1.538	-2.694	1.082	0.745	0.006	0.582	0.498
40: HB172	81050	22340	1.472	-2.011	1.680	0.337	-0.783	0.394	-0.057
41: HB174	81250	22890	-1.506	-2.049	-0.153	-0.315	-0.323	-0.637	0.500
42: HB175	81695	22690	1.536	-2.287	-0.480	-0.386	-0.121	0.732	-0.271
43: HS110	78165	21135	0.448	-2.648	-0.256	1.219	0.143	1.363	0.457
44: KB058	82220	22360	2.072	-2.596	0.962	-0.107	-0.390	-0.302	-0.007
45: KB060	78380	21760	-0.255	-2.173	0.540	-0.351	-0.321	-0.608	-0.557
46: KB061	78380	21785	2.216	-0.668	0.093	-2.654	1.171	-2.165	0.518
47: KB062	78380	21795	0.802	-0.548	-0.961	-2.898	0.244	-1.554	-0.128
48: KB164	79325	22295	-1.394	-1.758	-0.500	-0.395	-0.138	-0.524	-0.146
49: KB165	79255	22210	-2.291	-1.899	0.092	-0.192	-0.095	-0.686	0.082
50: KB166	79205	22050	-1.408	-1.952	-0.626	-0.423	-0.651	-0.180	0.544

Table 5 Component Scores of Chip Samples

Piren Tepe (2)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
51: KB167	79185	21960	0.070	-2.321	1.218	-0.020	-0.311	-0.422	-0.471
52: KB168	79200	21895	0.129	-2.783	0.314	0.271	-0.655	0.285	0.725
53: KB169	78945	21905	-1.499	-2.218	0.326	-0.508	-0.598	-0.765	0.484
54: KB170	78765	21770	0.883	-2.304	0.116	-1.281	-0.864	-1.901	-0.176
55: KB171	78735	21770	-1.334	-1.879	0.044	0.156	-0.188	-0.059	0.402
56: KB172	78775	21705	-1.613	-1.874	-0.020	0.285	0.170	0.026	-0.230
57: KB173	78780	21620	-0.986	-1.641	0.289	-0.504	0.847	-0.056	-0.192
58: KB174	78775	21535	2.932	-2.743	2.062	-0.386	0.052	-1.541	0.226
59: KB176	79085	21075	0.393	-3.416	-1.050	-0.833	-0.239	-0.459	-0.112
60: KB177	79070	21050	-1.221	-2.025	-0.527	-0.075	-0.251	-0.063	0.381
61: KB178	79040	21030	-0.679	-1.262	-0.807	0.665	0.180	-0.221	0.563
62: KB180	79135	20805	2.937	-1.382	-0.616	2.076	1.033	-1.068	0.532
63: KB181	79165	20795	4.046	-2.224	-1.458	1.138	0.909	-1.256	-0.319
64: KB182	79535	20900	5.283	2.002	-1.432	1.418	-2.113	0.294	-0.837
65: KB183	79585	20910	1.634	-0.228	-2.535	-1.335	0.137	1.056	0.601
66: KB184	79905	21150	-1.038	-1.287	-0.836	-0.282	0.201	-0.146	-0.093
67: KB185	80230	21400	3.742	-0.119	-2.551	-0.338	2.556	0.805	0.932
68: KB186	80275	21290	0.849	-0.372	-2.610	-0.329	0.713	-0.770	0.017
69: KB187	80340	21200	2.265	-0.816	-1.355	1.147	1.815	0.078	0.909
70: KB188	80430	21050	-1.080	-1.762	-1.373	-0.687	-0.369	-0.317	-0.338
71: KB189	80540	21220	4.595	-0.237	-1.959	-1.296	-1.355	1.028	-1.704
72: KB190	80650	21015	2.821	2.594	1.783	1.851	-2.094	-1.418	-2.122
73: KB191	80980	20925	2.252	1.248	1.624	-1.095	-3.075	0.543	0.955
74: K308	79560	20770	1.270	0.228	-2.677	-0.152	-0.196	-1.825	-0.426
75: K310	79520	20910	-2.274	-0.238	-0.102	0.213	0.210	0.719	-1.100
76: K388	81445	21825	-1.318	1.874	-0.426	1.332	-0.826	-0.055	0.703
77: K389	81460	21810	0.322	1.222	0.418	1.846	0.119	-0.429	-0.469
78: K390	81540	21785	-0.231	1.352	-0.027	1.900	0.084	-0.895	-0.516
79: K391	81675	21805	-1.196	0.796	-0.660	0.681	-0.276	-0.272	-0.287
80: K392	81720	21830	-1.564	1.422	-0.620	0.598	0.364	-0.595	-0.004
81: K393	81745	21785	-1.992	0.718	-0.119	-0.287	-0.044	0.590	0.212
82: K394	81755	21790	-0.049	2.042	-1.201	2.377	0.682	0.258	-0.921
83: K395	81770	21730	-2.517	0.914	-0.874	0.959	-0.985	-1.784	0.413
84: K396	81740	21700	-1.238	0.952	-1.542	0.347	-0.675	-1.154	-0.598
85: K397	81710	21725	-1.080	1.357	-1.132	-0.451	0.145	0.361	-0.293
86: K398	81560	21560	1.320	0.895	-0.791	1.103	-0.216	-0.197	-1.189
87: K401	81750	21975	-2.252	-0.250	0.043	0.109	-0.299	0.664	-0.856
88: K402	81750	22000	-0.547	0.672	-0.300	0.059	0.315	1.221	-0.980
89: K403	81710	22005	-2.033	-0.335	-0.894	-0.951	-0.533	0.115	-0.970
90: K404	81705	22040	-0.624	0.706	-1.410	-0.028	-0.339	-0.285	-0.799
91: K405	81705	22050	-1.218	1.993	-0.718	0.416	-2.069	-0.753	-1.087
92: K406	81705	22065	-2.494	0.911	-0.972	0.466	-0.762	-1.416	0.360
93: K407	81705	22110	-2.286	0.633	1.158	-0.610	-0.392	-0.401	0.495
94: K408	81705	22135	-2.125	0.112	-0.040	-0.695	-0.120	0.118	-0.467
95: K409	81700	22160	-2.442	-0.255	-0.053	-0.745	-0.116	0.088	-0.055
96: K410	81725	22200	-0.910	0.784	-2.217	-1.725	-0.760	-0.520	0.312
97: K411	82005	22575	-2.839	0.435	-0.111	-0.814	-0.458	-0.215	0.418
98: K412	82065	22120	-1.144	0.777	1.142	-0.429	-0.033	-0.257	-0.450
99: K413	81395	21835	-0.368	1.202	-0.729	0.084	-0.050	0.211	-0.888
100: K416	81385	22025	0.486	2.335	2.918	-0.362	-2.985	0.271	-0.088

Table 5 Component Scores of Chip Samples

Piren Tepe (3)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
101: K417	81365	22070	1.937	1.987	0.910	-2.664	0.599	-1.150	0.769
102: K418	81415	22160	-2.012	0.386	1.840	-0.339	-0.443	-0.940	0.756
103: K419	81485	22240	0.179	0.211	1.659	-0.805	0.006	-0.414	-0.486
104: K420	81685	22450	0.749	0.464	2.211	-0.515	0.176	-0.613	0.148
105: K421	81730	22535	-1.396	0.408	0.344	-0.816	-0.708	-0.374	0.107
106: K422	81745	22555	2.308	1.034	0.481	-0.828	-0.265	-0.990	0.283
107: K423	81760	22575	0.584	0.015	-0.336	-1.590	-0.888	0.551	0.435
108: K424	81955	22405	-1.012	0.391	-0.005	-1.048	-0.114	0.359	-0.659
109: K425	82410	22720	4.573	0.846	2.853	-0.310	-0.403	-3.050	0.546
110: K426	82335	22870	0.811	-0.355	1.782	-0.102	-0.414	-0.299	-0.240
111: M374	80655	21965	-0.213	0.086	-0.992	-1.004	-0.542	1.029	0.812
112: M376	80665	21970	-1.404	0.251	0.112	-0.507	-0.404	0.262	0.265
113: M377	80690	21930	-2.759	0.619	-0.767	-0.154	0.091	0.772	0.360
114: M379	80715	21860	-3.167	-0.167	0.294	-0.323	-0.719	0.039	-0.011
115: M380	80730	21860	-0.367	2.419	0.017	-0.932	1.135	1.043	0.798
116: M381	80750	21855	-0.598	1.613	-0.301	-0.125	-0.763	1.883	2.163
117: M382	80750	21830	1.461	2.490	0.845	0.492	0.766	-0.787	0.043
118: M383	80845	21845	-0.675	0.781	0.420	-0.516	0.267	0.401	0.220
119: M384	80865	21840	-0.071	0.836	0.300	-0.060	0.174	1.001	0.045
120: M385	80920	21860	-2.749	0.077	-0.052	-0.652	-0.048	0.163	0.125
121: M386	80955	21835	-2.434	0.939	-0.397	0.073	0.265	1.016	0.834
122: M387	80980	21920	-2.143	0.293	-0.557	-0.857	0.224	0.290	0.608
123: M388	80935	21845	1.478	2.497	-0.184	1.104	0.388	0.878	0.743
124: M389	80850	22005	-1.158	1.088	-1.219	-0.143	0.833	0.849	-0.172
125: M390	80815	22015	-0.443	2.116	-0.171	0.772	0.594	0.095	0.773
126: M391	80760	22005	-2.804	-0.280	0.209	-0.590	-0.968	0.194	1.195
127: M392	80715	22055	-2.347	0.737	-1.104	-1.101	0.225	0.333	0.464
128: M393	80300	21685	-1.987	0.390	-0.888	-1.638	-0.936	-0.156	-0.267
129: M394	80315	21735	-3.610	0.616	-0.403	-0.878	-0.582	-0.299	0.802
130: M395	80830	21770	-1.926	0.434	-0.602	-0.149	-0.340	0.903	-0.448
131: M396	80735	21745	-0.633	0.969	-0.884	-1.475	0.806	0.837	-0.305
132: M397	80715	21765	0.126	1.498	-0.702	-1.325	1.330	0.751	-0.009
133: M398	80815	21530	0.754	-0.828	-0.650	-1.432	-0.270	-0.011	-0.229
134: M399	80815	21395	-2.823	0.231	-0.444	-0.096	0.155	0.501	0.310
135: M400	80755	21445	-2.918	0.566	-0.954	-0.425	-0.518	-0.753	0.684
136: M401	80745	21355	-0.213	1.367	-1.506	1.000	-0.097	-0.336	-0.166
137: M402	80770	21325	1.075	1.513	-0.975	1.497	0.751	-0.242	-0.296
138: M403	81060	21540	-1.507	0.406	0.515	-0.613	-0.086	0.141	0.860
139: M404	80695	21585	-2.625	0.547	-0.021	-0.584	-0.029	0.465	0.110
140: M405	80900	21680	-1.628	0.140	0.205	1.055	0.886	1.334	0.212
141: M407	81045	21025	3.722	4.336	1.457	-1.142	-2.103	2.321	0.025
142: M408	81150	21065	-1.911	0.923	0.855	-0.739	-0.298	-0.118	0.569
143: M409	81415	21120	0.062	1.555	1.524	-0.103	0.579	0.676	-0.551
144: P305	80100	21870	-0.509	-0.901	0.390	0.436	-0.157	0.270	-0.539
145: P306	80085	21895	-1.260	-0.497	0.742	0.456	0.106	-0.190	-0.719
146: P307	80010	21880	-1.545	0.111	-0.141	-0.353	0.308	0.023	-0.818
147: P308	80010	21910	3.673	1.114	-1.417	-3.084	0.612	-0.852	-1.333
148: P309	80035	21835	1.132	0.513	-1.170	-1.692	0.516	-0.201	-1.114
149: P310	80010	21810	-1.277	0.312	-0.166	-0.114	0.234	0.306	-0.339
150: P313	80260	21730	1.167	-0.333	-0.652	-2.163	-0.386	-0.668	-0.783

Table 5 Component Scores of Chip Samples

Piren Tepe (4)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
151: P318	80265	21935	0.222	1.386	-0.751	-1.958	1.877	-0.008	-0.249
152: P320	80355	22005	-2.667	-0.219	-0.116	-0.010	-0.163	0.229	-0.208
153: P321	80320	22055	-3.153	-0.064	0.041	0.101	-0.202	0.230	-0.075
154: P322	80200	21075	3.041	2.137	-0.771	1.185	-0.822	0.700	2.515
155: P323	80180	21200	1.803	1.119	-0.156	-0.229	0.958	-0.464	0.514
156: P324	80195	21230	0.066	1.183	-1.709	0.812	2.194	0.542	0.232
157: P325	80325	21240	3.426	0.169	-0.888	1.095	0.515	0.250	0.620
158: P327	80760	21315	2.629	1.148	-0.930	0.394	0.092	-1.389	0.188
159: P328	80000	21315	-0.430	-0.833	0.526	1.533	1.772	0.913	-0.363
160: S378	80005	22070	1.321	1.739	2.431	-0.044	1.010	0.095	0.292
161: S379	79985	22130	1.303	1.372	1.900	-0.382	-0.842	0.628	-0.932
162: T301	79200	20740	1.116	0.210	-1.380	1.228	-0.989	0.720	0.681
163: T305	78990	21000	-0.915	0.356	0.987	0.093	0.041	0.454	-1.030
164: T306	78995	21025	-1.723	0.468	0.495	0.291	0.086	0.671	-0.851
165: T307	78965	20565	4.351	0.232	0.416	2.287	-1.545	0.819	1.393
166: T308	78845	20510	-0.995	0.376	0.393	0.129	0.045	0.749	-0.761
167: T310	78855	20735	2.296	0.680	0.752	-0.547	0.956	0.359	-0.137
168: T311	78835	20750	5.198	-0.005	0.503	-0.344	0.213	-0.025	1.071
169: T370	78570	20820	4.118	-0.225	1.122	0.059	-0.412	0.916	1.290
170: T371	78700	20815	1.619	0.035	1.336	0.616	1.216	0.644	-0.240
171: T372	78740	20840	3.514	-1.815	0.042	-1.467	-1.097	0.371	-0.593
172: T373	78555	21215	-1.625	-0.699	0.148	0.512	0.248	0.600	-0.108
173: T374	80905	22525	-0.553	1.399	0.176	-1.158	1.040	0.348	-0.215
174: T375	80895	22435	-1.980	1.106	0.641	-0.965	0.740	0.050	0.374
175: T376	80865	22450	1.527	1.500	-2.007	-2.741	1.087	0.292	-1.069
176: T377	80870	22430	-2.162	1.107	-0.027	-0.827	0.594	0.136	0.077
177: T378	80860	22395	-1.221	0.658	1.694	0.280	0.763	0.360	-0.987
178: T379	80910	22325	-2.349	0.045	0.574	-0.382	-0.687	0.322	0.784
179: T380	80830	22295	-0.483	1.289	0.062	-1.698	0.321	-0.162	-0.009
180: T381	80825	22255	-3.286	-0.001	0.557	-0.296	-0.600	-0.227	0.643
181: T382	80825	22180	-2.117	0.626	1.457	0.368	1.007	0.789	-0.882
182: T383	81240	22515	0.348	-1.252	1.405	0.255	0.827	-0.234	-1.095
183: T384	81150	22520	-0.169	-0.660	1.856	0.698	0.933	-0.049	-0.619
184: T385	81215	22725	1.167	0.557	0.532	-0.750	0.568	-1.340	-0.885
185: T386	81225	22745	-0.443	1.068	1.103	0.187	0.152	-1.935	0.368
186: T387	81150	22790	-0.976	0.514	1.544	-0.606	0.462	-0.905	0.530
187: T388	81170	22770	0.011	-0.276	2.240	1.235	0.864	-0.015	-0.296
188: T389	81085	22805	2.872	0.434	1.501	-0.809	-0.612	-1.604	0.475
189: T391	81245	22935	-2.175	0.211	1.083	-0.358	-0.096	-0.179	0.116
190: T392	81260	23110	0.006	-0.295	1.462	0.093	-0.032	-0.612	-1.337
191: T393	81240	23160	-3.119	-0.113	0.862	0.588	-0.425	0.178	-0.265
192: T395	81230	23170	-2.445	-0.252	1.144	1.210	-0.543	0.642	-0.900
193: T396	81260	22400	-1.629	0.399	1.942	0.505	1.238	-0.097	-0.379
194: Y343	81435	21815	1.118	2.705	0.739	2.747	0.971	-1.138	-0.071
195: Y344	81390	21765	1.404	2.330	-0.810	0.814	0.740	-1.218	1.203
196: Y345	81350	21675	-2.107	0.294	-0.002	1.920	-0.881	-0.130	0.202
197: Y346	81265	21690	2.120	2.047	0.166	1.050	1.877	0.669	0.240
198: Y347	81185	21740	-0.619	1.262	1.497	0.925	1.101	0.526	-0.923
199: Y348	81490	21475	0.977	2.282	0.327	-0.356	0.775	-1.508	0.669
200: Y349	81570	21525	0.502	2.508	-1.718	2.024	-1.169	0.172	0.553

Table 5 Component Scores of Chip Samples

Piren Tepe (5)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
201: Y350	81490	21330	1.681	1.100	1.433	-0.091	1.109	0.850	-1.124
202: Y351	81390	21435	-1.531	1.110	0.726	0.885	0.467	1.019	0.030
203: Y352	81345	21470	1.755	2.307	0.119	-1.159	1.230	0.845	0.157
204: Y353	81415	21370	-2.085	0.685	0.250	-0.292	0.198	0.137	0.584
205: Y354	81295	21420	-1.339	0.489	0.287	0.314	-0.145	1.197	0.290
206: Y355	81335	21295	-1.586	0.578	0.261	-0.791	0.107	0.067	-0.327
207: Y356	81405	21305	0.934	1.108	0.136	-0.040	0.538	1.394	-0.960

Table 5 Component Scores of Chip Samples

Dikmen (1)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
1: HB005	13075	41530	-2.127	1.504	-0.356	1.455	1.933	-0.591	0.815
2: HB006	14950	43330	-2.043	0.149	0.502	0.205	0.559	0.437	0.238
3: HB007	14910	43275	-1.445	1.269	-0.296	1.339	1.572	-0.547	0.468
4: HB008	14895	43165	-0.792	0.996	1.822	-0.240	-0.544	0.994	1.961
5: HB011	14765	42840	0.869	0.550	2.096	0.909	-0.112	-0.755	0.997
6: HB013	14310	42385	-0.835	0.097	2.186	1.162	-1.665	0.110	0.417
7: HB016	14395	42010	6.223	0.320	-2.547	2.302	-2.451	1.551	0.456
8: HB017	14395	42010	4.173	-0.685	0.455	0.061	-2.036	0.227	1.122
9: HB018	14395	42010	1.988	-1.203	-0.768	0.858	-0.998	-0.296	0.383
10: HB020	14470	41970	-1.370	0.174	-0.705	1.432	1.109	-0.761	0.671
11: HB022	15035	41950	-1.665	0.681	-0.796	1.805	0.743	-0.578	1.210
12: HB032	14125	43275	0.551	0.829	-2.172	1.887	0.812	-0.596	0.651
13: HB034	13935	43000	-0.740	0.016	1.108	0.147	-0.007	-0.035	-0.413
14: HB035	13970	42930	-1.744	-0.072	-0.182	2.942	2.501	2.533	0.445
15: HB036	13975	42905	-1.222	0.679	2.036	0.544	-0.571	0.312	0.251
16: HB037	14010	42785	-1.299	0.024	1.239	0.931	-1.782	0.539	0.095
17: HB039	14690	43440	-3.181	0.857	-1.055	1.757	1.426	-0.431	0.584
18: HM014	13620	42645	1.568	-0.034	0.101	-0.468	0.695	0.122	-0.683
19: HM015	13575	42565	3.754	0.819	-0.200	-1.864	0.669	0.540	-2.542
20: HM016	13545	42480	0.519	-0.477	-0.479	-0.853	1.603	-0.504	-0.592
21: HM017	13465	42445	1.443	-0.037	-1.179	-1.091	0.491	0.877	0.557
22: HM018	13520	42355	1.161	-1.655	-1.244	0.037	-0.188	-0.137	0.341
23: HM019	13165	41050	-1.982	-0.110	-0.413	0.186	0.333	0.488	-0.368
24: HM020	13150	41075	1.335	-0.715	0.818	1.110	-0.587	-1.363	-0.914
25: HM021	13135	41110	-0.594	-0.972	1.078	1.360	-0.449	-0.934	0.011
26: HM022	13100	41165	-0.202	-0.833	1.318	1.369	-0.184	-1.043	0.132
27: HM024	13100	41280	0.407	-0.324	1.344	0.428	-0.151	-0.414	-0.194
28: HM025	13095	41330	0.504	-2.139	-1.237	-0.646	0.679	-0.041	0.022
29: HM026	13110	41390	0.309	-0.537	0.806	1.656	0.430	-1.277	-0.008
30: HM027	13115	41455	1.012	-0.802	1.019	1.123	-0.075	-1.182	-1.133
31: HM029	13190	41545	0.351	-0.572	1.860	0.627	-0.217	-0.828	-0.409
32: HM030	13220	41565	-2.046	0.242	-0.461	1.419	1.480	-0.895	0.553
33: HM031	13240	41600	-0.280	-0.180	1.121	2.161	-0.296	-1.302	-0.376
34: HM032	13275	41635	4.622	-0.587	0.167	3.531	1.301	2.653	1.499
35: HM034	13370	41690	0.266	-0.057	1.329	1.168	0.212	-0.969	-0.518
36: HS046	13965	40670	0.974	-1.780	0.389	-0.643	0.285	0.005	0.054
37: HS049	14025	40930	0.660	-0.935	0.672	-0.715	-0.621	0.807	1.301
38: HS050	14060	41030	0.272	-2.070	0.658	-0.428	-0.370	-0.274	0.172
39: HS051	14055	41130	2.100	-0.579	1.292	-1.210	-0.810	0.867	0.532
40: HS054	13950	41210	-0.448	-0.586	0.324	-0.944	0.256	0.948	1.093
41: HS055	13910	41230	-0.812	-1.458	0.779	-0.612	-0.626	0.490	-0.061
42: HS056	13850	41260	-0.715	-1.159	0.726	-1.198	-0.076	0.747	0.256
43: HS058	14105	41250	-0.088	-1.225	0.428	-0.737	-0.212	0.729	0.740
44: HS059	14135	41285	-2.918	-0.807	-0.647	-0.270	0.908	0.814	0.479
45: HS060	14170	41360	-1.528	-0.491	-0.054	-0.809	0.329	0.949	0.029
46: HS061	14170	41430	-3.346	-0.444	-1.457	0.164	0.852	0.831	1.022
47: HS062	14160	41495	0.263	-0.905	1.469	-0.760	-1.082	0.670	0.845
48: HS063	14160	41510	-3.319	-0.554	-1.053	0.218	0.788	0.678	0.629
49: HS065	14060	41565	-0.335	-1.808	-0.290	-0.599	-0.633	0.549	-0.316
50: HS067	13955	41705	-0.606	-0.005	-0.545	-0.830	0.310	0.907	-0.535

Table 5 Component Scores of Chip Samples

Dikmen (2)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
51: KB001	12760	42920	-2.490	-1.401	-1.333	1.720	1.438	1.291	0.159
52: KB002	13150	42810	0.266	-1.355	-2.144	-0.271	0.700	0.452	-0.286
53: KB003	13315	42675	2.756	-1.543	-1.672	-0.766	0.932	-0.415	-0.779
54: KB004	13860	42995	-1.948	-0.202	1.223	-1.283	0.336	1.143	0.079
55: KB008	13170	41035	-2.413	0.034	-0.582	0.171	0.425	0.521	-0.208
56: KB010	12070	41680	-0.580	-1.271	-0.333	-0.401	0.158	0.352	-0.217
57: KB019	14575	43405	-1.091	0.003	1.191	0.499	0.019	0.040	-0.410
58: KB020	14605	43435	2.268	2.740	-1.967	1.020	-0.681	1.501	1.340
59: KB021	14460	43120	-0.196	0.251	-0.745	1.758	-0.341	-0.527	-0.210
60: KB022	14465	42890	-1.822	-0.349	1.340	0.578	-1.263	0.442	-0.275
61: KB025	14280	42310	-1.936	-0.023	0.869	1.131	-1.605	0.809	0.089
62: KB026	14315	41550	0.592	-0.625	0.217	0.428	-1.810	1.241	2.203
63: KB027	14670	41285	-1.140	-0.744	0.782	-0.544	0.106	0.535	0.284
64: KB032	14905	40590	-2.133	0.150	0.386	-1.125	0.730	1.206	0.610
65: KB033	14370	40585	3.648	-0.389	-0.223	-1.192	-0.216	0.525	-0.620
66: KB034	14790	43305	-0.775	-0.294	0.756	-0.425	0.159	0.264	0.091
67: KB035	14800	43260	1.389	0.565	-0.077	0.017	0.007	0.884	1.316
68: KB040	14775	43055	-0.679	0.119	1.289	0.464	-0.226	-0.077	0.633
69: KB041	14795	42910	-1.430	-0.344	1.717	0.254	-1.194	0.373	-0.291
70: KB043	14760	42780	-0.627	1.375	1.751	0.694	0.100	0.191	1.453
71: KB044	14760	42695	-0.391	0.018	1.989	0.536	-0.361	-0.177	0.333
72: KB045	14830	42565	-1.940	-0.725	0.083	0.983	-0.810	0.030	0.466
73: KB048	14400	42140	-0.099	-1.705	0.124	0.530	-1.034	0.168	-0.836
74: KB049	14450	42090	-2.119	-0.674	-1.512	-0.329	0.430	0.845	-0.100
75: KB051	14500	42110	1.147	-1.961	-0.207	-0.123	-0.736	0.554	0.565
76: KB052	14835	42045	-1.614	-0.474	1.035	-0.736	-0.015	0.805	0.340
77: KB053	14845	42135	-1.584	-0.270	0.549	-0.910	0.162	1.281	0.936
78: KB054	14810	42225	0.494	-1.277	0.849	-0.659	0.060	-0.064	-0.243
79: KB056	15125	42820	3.899	-1.760	0.885	2.455	0.574	-0.250	-0.511
80: KB057	15185	42970	1.491	-1.477	1.019	-0.740	0.187	-0.429	0.455
81: KS001	13375	43105	0.215	-1.655	-0.513	1.194	-0.871	-0.999	-0.088
82: KS002	13405	43185	-0.683	-1.395	-0.808	-0.750	1.017	0.239	0.009
83: KS016	12505	43180	0.884	-0.976	-0.344	0.032	0.275	-0.646	-1.325
84: KS017	12505	43225	0.321	-0.902	0.686	-0.768	-0.515	0.462	1.072
85: KS018	12505	43280	0.621	-1.276	1.171	-0.489	-0.487	-0.038	-0.011
86: KS020	12565	43985	-1.901	-0.099	0.846	-0.362	-0.564	1.314	-0.605
87: KS031	13045	41270	0.350	-0.692	0.869	0.567	-0.278	-0.504	-0.530
88: KS032	13000	41285	-0.461	0.105	-0.618	0.940	0.832	-0.479	-0.766
89: KS033	12955	41275	-1.349	0.132	-0.035	1.482	0.078	0.234	0.854
90: KS034	12905	41255	0.949	-0.542	0.816	1.119	-0.844	-0.361	-0.276
91: KS035	12860	41240	1.142	-0.822	1.208	0.997	-0.674	-0.633	0.299
92: KS036	12815	41235	2.049	-0.170	1.865	1.303	-0.520	-0.552	0.740
93: KS037	12765	41240	1.870	-2.529	1.653	3.121	1.463	1.688	-1.356
94: KS038	12710	41250	1.927	-1.807	0.534	0.592	0.249	0.561	-1.222
95: KS039	12675	41260	-0.215	-1.535	1.488	0.047	-0.106	-0.595	0.032
96: KS040	12620	41270	1.182	-2.099	1.367	1.231	0.622	0.849	-0.599
97: KS041	12570	41270	1.796	-2.138	1.459	-0.931	0.053	-0.774	0.376
98: KS043	12465	41295	-2.226	-1.315	-1.618	0.489	0.366	-0.040	0.256
99: KS044	12405	41300	-1.229	-1.121	-0.303	0.371	-0.250	-0.247	-0.209
100: KS046	12285	41280	0.147	-0.023	-0.400	-1.718	0.213	1.573	-1.501

Table 5 Component Scores of Chip Samples

Dikmen (3)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
101: KS048	12155	41230	0.623	-2.290	0.005	-1.116	0.950	-0.215	1.130
102: KS049	12205	41125	-0.008	-1.395	-0.356	0.763	-0.783	0.008	-0.269
103: KS050	12255	41030	1.393	-1.306	0.430	-0.686	-0.525	0.288	-1.319
104: KS051	12305	40980	1.339	-1.577	-0.181	-0.428	-0.655	0.138	-0.601
105: KS052	12405	40920	-0.159	-1.569	0.657	-0.437	-0.512	0.354	-0.152
106: KS053	12445	40805	-0.982	-0.554	2.076	-1.030	0.449	0.162	0.873
107: KS055	12625	40755	-2.026	0.287	-0.316	0.151	0.602	0.374	-0.402
108: KS057	12650	40855	-1.071	-1.576	-0.210	-0.914	1.003	-0.103	1.214
109: KS058	12620	40955	0.037	-0.920	-0.840	-0.577	0.604	-0.203	1.914
110: KS060	12750	41060	5.758	-0.341	-1.755	2.459	-1.358	-1.618	0.721
111: KS061	12250	41530	1.793	-2.552	0.050	-1.208	1.071	-0.936	2.164
112: NY032	13805	42995	7.771	2.928	-1.028	0.103	-0.116	0.582	1.708
113: NY033	13945	42970	1.469	1.713	0.048	-0.041	0.201	1.119	0.876
114: NY034	13980	42875	-1.050	0.503	0.253	0.203	-0.166	0.733	0.230
115: NY035	14010	42770	0.616	0.488	2.951	0.680	0.853	-1.076	0.431
116: NY036	13935	42700	0.201	-0.438	2.201	0.532	0.298	-0.853	0.324
117: NY037	13960	42470	-1.181	0.298	1.328	0.488	-0.451	0.139	-0.238
118: NY038	13945	42380	-1.367	0.964	2.175	0.478	-0.088	0.263	-0.210
119: NY039	13850	42260	-0.271	1.479	0.991	0.848	1.260	-0.486	0.144
120: NY040	13780	42015	-0.232	0.132	1.303	0.912	-0.106	-0.373	-0.613
121: NY041	13720	41975	-1.370	0.620	0.888	-0.454	0.226	0.746	-0.640
122: NY043	13555	41860	-1.129	1.455	2.414	0.227	1.473	-0.226	-0.169
123: NY044	13525	41825	-1.123	0.099	0.037	-0.030	0.820	0.501	-0.637
124: NY045	13475	41805	-0.384	0.241	0.983	1.039	-0.130	-0.141	-1.009
125: SR002	13355	43970	0.591	-0.238	-1.091	-0.699	0.617	1.131	-0.751
126: SR023	12710	42275	0.272	-1.398	-0.233	-1.196	0.357	0.256	-0.263
127: SR025	12790	42200	0.736	-2.264	-0.092	-0.735	0.110	-0.528	0.195
128: SR026	12815	42150	-0.810	-1.371	-0.844	-0.470	0.478	0.236	-0.054
129: SR027	12865	42105	-1.577	-1.282	-0.594	1.818	-1.046	-0.749	-0.453
130: SR029	13030	42090	-0.999	-1.406	-0.941	-0.104	0.513	0.563	-0.094
131: SR031	13250	42175	-2.362	-0.420	0.309	0.792	-0.630	0.636	-0.088
132: SR033	13465	42130	2.199	0.243	-1.706	-2.008	1.355	1.435	-1.722
133: SR034	13565	42155	0.935	-0.551	-0.443	-1.501	0.686	0.796	-0.980
134: SR035	13690	42160	-0.224	-1.918	-1.651	-0.335	0.328	0.412	-0.365
135: SR036	13760	42115	-2.335	0.382	-0.411	1.028	1.303	-0.018	0.198
136: SR039	13055	41560	5.403	-0.963	3.101	-2.456	0.053	0.083	0.274
137: SR040	13025	41610	-0.247	-1.534	0.753	-0.684	-0.167	0.441	-0.097
138: SR044	13075	41780	1.517	-1.122	0.233	-0.283	-0.904	0.300	-1.094
139: SR045	13090	41835	1.070	-0.501	-0.605	-0.800	0.344	0.446	-0.972
140: TS023	13775	41285	-0.744	-1.398	0.751	-0.712	-0.123	0.505	0.487
141: TS024	13700	41325	-0.732	-1.881	-0.266	-0.603	0.020	0.420	0.446
142: TS025	14170	41530	-0.146	0.113	-1.159	0.454	-1.721	1.734	1.636
143: TS026	14185	41600	0.150	-0.133	0.058	-0.219	-1.087	1.148	1.691
144: TS027	14195	41625	-1.169	-0.847	0.663	-0.712	-0.352	0.868	0.099
145: TS028	14210	41670	0.373	-1.316	-0.978	-0.577	0.091	0.127	-0.740
146: TS029	13975	42050	0.300	-2.279	-1.143	-0.362	-0.215	0.218	-0.085
147: TS030	13850	41745	-3.072	-0.499	-1.118	-0.144	0.696	0.946	0.461
148: TS031	13605	41650	-1.046	-0.470	-0.554	0.759	1.145	-0.830	-0.129
149: TS032	13560	41575	-1.045	-0.965	-0.382	-0.388	-0.048	1.035	-0.404
150: TS033	13505	41470	1.058	-2.295	-2.081	0.571	-0.210	-0.361	-0.590

Table 5 Component Scores of Chip Samples

Dikmen (4)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
151: TS034	13455	41375	2.176	-1.302	0.623	1.221	-0.520	-1.583	-0.915
152: TS035	13410	41340	-0.875	-1.624	-1.433	-0.251	0.018	0.555	-0.277
153: TS036	13355	41215	0.456	-0.907	-1.299	1.068	-0.641	-0.319	0.498
154: TS037	13345	41125	1.275	-1.134	0.027	0.373	1.470	-2.095	0.035
155: TS039	13880	40555	-1.536	-0.130	0.974	-0.792	0.431	0.579	0.089
156: TS040	13840	40700	0.148	-1.574	0.698	-1.085	-0.364	0.767	-0.293
157: TS041	14135	41795	0.775	-0.428	0.261	-0.349	-1.558	1.087	-0.263
158: C337	13255	41000	1.437	0.589	-1.626	0.734	-2.302	0.097	0.437
159: C340	13445	41235	0.063	-0.695	-0.846	-0.365	-0.452	-1.485	0.167
160: C342	13770	41605	-0.734	0.615	-2.231	-1.007	-0.338	0.634	0.937
161: C343	13990	41880	-0.436	-0.838	-1.113	-1.318	-0.654	-0.329	-0.320
162: C344	13340	41340	6.573	0.289	-0.296	-2.102	2.940	-3.558	2.511
163: C348	14655	40775	0.039	1.107	-0.622	-1.284	0.041	0.361	1.647
164: C354	15105	42640	0.362	-0.465	0.060	-1.703	-0.071	-0.792	-0.010
165: C355	15370	42300	-0.507	-0.175	-1.011	-0.575	-1.651	0.390	0.346
166: K329	14500	43730	1.669	2.376	-3.085	0.729	-0.098	-0.007	0.390
167: K332	14385	43365	-2.578	2.192	0.087	-0.793	0.462	0.007	-0.066
168: K336	14890	43615	-2.420	1.644	0.632	-0.258	-1.354	0.620	-1.085
169: K337	14905	43645	-2.550	1.004	0.555	-0.422	-2.090	0.957	-0.985
170: K343	15245	43885	-1.837	1.402	0.912	-0.757	0.531	-0.646	0.214
171: K344	14780	43965	-2.153	1.150	-0.270	0.284	-0.707	-0.198	-0.871
172: K346	14670	43640	-2.513	1.137	-0.877	0.505	-0.191	-0.444	-0.564
173: K347	14700	43745	-2.586	1.304	-0.323	0.239	-0.621	-0.017	-0.674
174: K350	15080	43770	-2.328	1.268	0.259	-0.726	-0.195	-0.100	-0.063
175: K352	15105	43720	-1.581	1.370	2.040	-1.230	-0.419	0.041	0.511
176: K353	15200	43610	-1.862	1.184	1.257	-0.661	-0.296	-0.222	0.136
177: K355	15170	43955	-2.142	1.527	0.879	-0.767	0.100	-0.125	-0.184
178: K356	15290	43490	-1.389	1.469	0.662	-0.785	-0.537	0.183	1.169
179: K359	15055	43470	-2.174	1.673	0.199	-0.538	0.138	-0.150	-0.753
180: K360	15000	43450	-2.296	1.364	0.367	-0.220	-0.111	-0.187	-0.468
181: K363	14640	42780	-1.168	1.256	0.260	0.328	-0.659	-0.627	0.379
182: K364	14660	42780	-2.157	1.934	-1.594	0.425	0.116	-1.106	0.127
183: K365	14665	42845	-1.868	0.836	-1.374	0.185	-0.077	-0.291	-0.593
184: K366	14685	42850	-3.089	1.648	0.236	-1.075	0.287	0.102	0.414
185: K368	14720	42920	-0.704	0.626	-1.188	-0.013	-0.284	-0.709	-0.757
186: K369	14705	42945	2.905	1.548	-3.528	1.257	-1.186	-0.185	0.666
187: K370	14680	43025	-0.801	0.981	-0.804	0.300	-0.379	-0.715	-1.395
188: K371	14675	43065	-0.229	0.680	0.981	-0.398	-0.557	-0.572	-0.356
189: K372	14720	43055	2.690	3.299	-2.549	0.154	-1.984	1.287	0.442
190: K373	14760	43025	-0.646	2.275	0.112	0.134	-0.668	0.027	1.511
191: K375	14830	43105	-0.587	0.799	0.391	-0.505	-0.492	-0.537	-0.699
192: K376	14845	43145	-0.092	0.083	0.032	-0.023	-1.048	-0.681	-1.082
193: K378	14870	43285	-0.651	1.285	0.824	-0.320	-1.146	-0.093	0.547
194: K379	14940	43380	-2.589	0.615	-0.427	-0.332	0.099	-0.291	-0.097
195: K380	14965	43235	-1.987	0.721	0.852	-1.213	-0.022	-0.011	0.164
196: K381	14945	43210	-2.212	1.025	0.929	-1.080	-0.945	0.377	-0.284
197: K383	15015	43040	0.870	2.115	0.114	-1.592	-0.169	0.293	-2.191
198: K385	14620	42895	-2.811	2.372	-0.971	1.015	0.798	-0.838	-0.376
199: K386	15100	43105	-1.007	1.006	0.091	-1.008	0.547	-0.917	0.016
200: K387	13710	42875	2.036	0.347	0.477	-1.490	0.063	-0.688	-0.441

Table 5 Component Scores of Chip Samples

Dikmen (5)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
201: M338	13460	40630	-1.560	0.611	-1.370	-1.266	-0.037	0.688	-0.246
202: M340	13390	40705	-0.378	-0.585	-1.275	-1.253	-0.639	-0.016	-1.472
203: M343	13185	40985	-1.538	0.177	-1.867	-0.789	-0.042	-0.227	-0.956
204: M345	13125	41125	2.996	-0.788	-2.020	3.207	-1.664	-1.544	-1.009
205: M346	13110	41125	0.649	1.007	0.241	1.165	-1.261	-1.367	0.287
206: M347	13975	40610	-0.810	-0.073	-1.477	0.783	-1.277	-1.025	-0.886
207: M348	14015	40905	-0.016	-0.117	-2.319	1.086	-1.686	-0.633	0.182
208: M350	14040	41160	1.170	-0.538	0.349	-0.966	-0.778	-0.751	0.624
209: M351	13895	41240	-0.395	-0.185	0.117	-1.573	-0.125	-0.505	0.132
210: M353	14050	41165	-0.490	-0.664	-0.928	-1.038	-0.115	-0.660	-0.824
211: M354	14305	41640	0.741	-0.241	-0.861	0.470	-2.152	-0.152	0.847
212: M355	14305	41605	-2.300	1.134	-1.949	-0.316	-0.889	0.877	0.961
213: M358	14320	41505	-1.387	0.700	-1.397	-0.589	-0.398	-0.238	-1.323
214: M360	14250	42150	0.838	-0.735	-0.047	-0.165	-0.874	-1.442	-0.239
215: M362	14225	42130	6.097	0.280	0.188	-0.566	0.628	3.521	-0.816
216: M365	13730	43100	-1.160	-0.466	-0.445	-1.807	-0.105	0.377	0.095
217: M366	13755	43090	-1.778	0.557	-1.942	-1.319	-0.130	0.764	-0.726
218: M367	13805	43060	-3.618	0.652	-2.400	-0.742	0.878	0.406	0.365
219: M370	14015	43095	1.770	1.372	1.047	-1.397	-0.480	-0.253	-0.801
220: M371	14060	42865	0.524	0.619	2.563	2.521	2.304	0.833	0.214
221: M372	14075	42830	2.995	2.425	-0.106	-0.172	0.838	0.662	-1.728
222: S335	12960	41095	2.833	-2.935	-0.786	3.637	0.692	0.709	-1.707
223: S341	12890	40750	1.219	-0.667	0.025	0.093	-0.059	-0.813	-0.326
224: S346	12640	41480	-0.100	-1.382	-1.050	1.144	1.582	0.090	-0.115
225: S353	12760	42535	0.156	-0.996	-1.472	-0.950	0.028	-0.881	0.135
226: S354	12810	42505	0.798	-1.540	-1.481	-1.414	0.732	-1.607	0.690
227: S355	12965	42365	1.360	0.054	-0.971	-1.989	1.165	-0.803	-0.151
228: S357	13450	42695	1.266	-0.617	-1.004	-1.858	0.743	-0.974	0.078
229: S358	12845	42640	-1.111	-1.028	-1.835	-1.263	0.189	-0.926	0.775
230: S359	13845	42850	2.345	2.921	-1.569	-1.510	0.751	-0.275	-2.607
231: S360	14070	42745	0.337	2.316	-2.233	0.891	-0.237	-1.061	-0.887
232: S364	14685	43180	1.259	2.311	0.529	-0.321	-0.685	0.174	0.624
233: S365	14720	42770	-0.039	1.169	0.775	0.249	0.267	-1.834	-0.400
234: S367	14895	42685	-1.180	2.810	-1.225	1.473	1.045	-1.392	0.196
235: T324	12135	41105	1.054	-1.818	0.343	-1.886	0.982	-2.095	1.548
236: T326	12250	41570	-0.177	-2.028	-1.657	0.688	1.031	1.037	-0.315
237: T329	12490	41625	-1.295	-1.180	-0.088	-0.430	-0.767	-0.602	0.360
238: T330	12740	42640	0.141	-1.045	-0.052	-1.787	0.645	-1.601	0.878
239: T331	12915	41670	-0.610	-0.896	-1.174	-0.305	-0.387	-1.332	-0.155
240: T336	12775	41725	-0.138	-0.784	-0.276	-1.461	0.379	-1.004	0.388
241: T348	14595	42670	2.787	1.101	-3.426	-0.282	-0.612	-0.223	0.291
242: T351	14330	42455	0.375	1.003	-0.076	-1.050	0.512	-1.170	-0.138
243: T353	14275	42325	0.327	1.541	0.964	0.329	-0.418	-1.234	-0.218
244: T355	14245	42200	-1.484	1.561	1.055	0.212	-0.665	-0.640	-0.407
245: T356	14455	42920	-2.263	0.764	-0.275	0.133	-0.678	-0.367	-0.287
246: T359	14360	42575	-3.399	2.314	-2.170	1.064	0.420	0.051	1.641
247: T362	14165	42585	-3.489	1.366	-1.469	-0.261	0.646	-0.293	0.158
248: T364	14250	42070	-0.384	0.258	-1.853	1.203	0.534	-0.324	-1.179
249: Y313	13805	42995	6.244	2.612	0.512	-0.014	1.685	1.428	0.221
250: Y314	13805	42995	6.617	3.258	0.184	-1.166	0.484	-0.402	0.345

Table 5 Component Scores of Chip Samples

Dikmen (6)

Sample No.	X	Y	Z(1)	Z(2)	Z(3)	Z(4)	Z(5)	Z(6)	Z(7)
251: Y315	13805	42995	6.664	1.821	1.030	0.375	1.691	2.525	-0.498
252: Y316	13795	42995	6.544	4.118	0.841	-1.543	0.599	-0.122	0.369
253: Y317	13875	42995	-0.601	1.453	-0.344	-1.665	1.665	-0.394	0.489
254: Y319	13975	43170	0.527	2.176	0.712	-0.848	-0.421	0.169	-1.804
255: Y321	14000	42725	0.540	0.838	1.798	-0.231	0.176	-1.382	0.231
256: Y323	13990	42595	0.966	0.882	1.620	0.874	0.759	-0.775	-0.886
257: Y324	13995	42550	-0.135	0.323	1.999	1.643	0.595	1.677	-0.745
258: Y325	13975	42490	0.184	1.317	1.473	1.126	2.436	0.490	-0.092
259: Y326	13920	42465	1.476	1.111	1.047	1.564	2.069	0.379	-0.942
260: Y327	13935	42380	-0.520	1.337	1.551	0.020	-1.034	-0.572	-0.782
261: Y328	13945	42360	-0.649	1.275	0.125	0.324	-0.836	-0.321	-0.227
262: Y329	13940	42345	-1.151	1.415	1.521	-0.677	-1.309	0.334	-0.316
263: Y332	13865	42300	-0.118	0.746	1.753	1.290	1.709	0.442	-0.430
264: Y333	13850	42225	-1.359	1.542	1.819	-0.179	-0.981	-0.389	-0.316
265: Y334	13855	42210	-0.422	0.476	-0.750	3.204	0.781	1.065	0.676
266: Y337	13615	41905	4.598	2.462	0.075	-0.795	-0.929	0.134	0.252
267: Y339	13535	41855	0.671	0.405	0.182	-0.184	-0.116	-1.075	-0.247
268: Y340	13435	41780	-0.816	0.832	0.697	-0.738	0.079	-0.550	-0.119
269: Y342	13505	41805	0.699	0.726	0.921	0.119	-0.525	-1.036	0.415

Abbreviations of Table 6

Qualitatve amount　　Çokı bol◎, Bol○, Bolca□, Az△, Çokı az・
(Abundant) (common) (few) (rare) (trace)

Size of gold grain : A:50μ >, B:50-100μ , C:100-150μ , D:200-300μ , E:300μ <

Hevey mineral :

Ba:barite, Gr:garnet, Ep:epidote, Bi:biotite, Px:pyroxine,
Ar:arsenopyrite, Ci:cinnabar, Il:ilmenite, Zr:zircone, Mg:magnetite,
Hm:hematite, Py:pyrite, Sp:sphalerite, Ga:galena, Ch:chlorite
Hr:hornblende, Li:limonite, Ti:titanite, Si:silicified rock

Background of gold mineralized area

Area of stream	Weight (-2mm)	Number of gold grain	
		Vein type	Epithermal type
soil	3kg	15	4
1km²	3kg	5	1
3km²	5kg	8	2
5km²	8kg	10	3
10km²	20kg	15	4
30km²	200kg	100	20

※1 : Area of stream
※2 : SD ; stream sediment (sulu dere)
KD ; dray stream sediment (kuru dere)
S ; flood sediment (sellenmeli)
IC ; fine-grained sediment (iyi kansantre)
AC ; coarse-grained sediment (orta kansantre)
TS ; blend sediment of stream and soil (topraklı kansantre)
※3 : weight of sample

İzabe:melted gold(?)

Epithermal type in Çanakkale area

Provable grade of gold(ppb) = pieces of gold(A size) X 20

Table 6 List of Heavy Mineral Study

No.1

Locality	Sample No.	Coordinates	km² ※1	Conditions of Sample※2 SD	KD	S	IC	AC	TS	Geology	Weight※3 (kg)	Gravel Li	Si	Ar	Py	He
Piren Tepe	P314T	80310 21700								Şapçı V	2		○	□		
	P315T	80095 21880								Şapçı V	2	△	○	□		
	P316T	80035 21840								Şapçı V	2	△	○	□	△	△
	P317T	80010 21920								Şapçı V	2	○	○	△		□
	P319T	80325 21970								Şapçı V	2		△	□		
	P326T	80325 21225								Şapçı V	2	□	○	△		△
	P330T	78875 21025								Şapçı V	2			□	△	
	P331T	78805 21060								Şapçı V	2			□	△	
	P332T	80750 21305								Şapçı V	2	△	□	○		
	P333T	80770 21345								Şapçı V	2.5	△	○	△		△
	P334T	81400 21215								Şapçı V	2	△	○	△		
	P335T	81505 21335								Şapçı V	2	△	○	△		
	P336T	81580 21525								Şapçı V	2	△	○	□		△
	P337D	81790 21115	0.25			×			×	Şapçı V	3	△	○	○		△
	K400T	81575 21545								Şapçı V	2	△	○	□		
Arlık Dere	P341T	82380 30640								Slag	2.5					
	C301T	83290 30865								Şapçı V	2		△	□		
	P382D	84350 27760	0.3		×					Şapçı V	5		△			
	P383D	83850 28110	0.1		×				×	Şapçı V	5		□			
	P384D	83690 27900	0.9		×		×			Şapçı V	6		□		△	
	P385D	82850 29150	0.6		×			×		Kirazlı/Şapçı	6		□			
	P386D	83500 29375	0.35		×		×			Şapçı V	6		□			
	P387D	84125 31225	0.15		×			×		Şapçı V	6		□			
	P388D	83285 31535	0.20			×			×	Şapçı V	6		△			
	P389T	83700 31450								Şapçı V	3		○			
	P390D	82725 31820	0.30			×			×	Şapçı V	6		△			
	P391D	82575 31750	0.40		×					Şapçı V	3.5		△			
	P392T	82360 30050								Şapçı V	4	□	○	□		△
	P393T	82440 30150								Şapçı V	4	□	○	□		△
	P394T	82650 30350								Şapçı V	4	□	○	□		△

※1, ※2, ※3 Çok ○, Bolca □, Az △

Table 6 List of Heavy Mineral Study

No.2

Locality	Sample No.	Coordinates	km² ※1	Conditions of Sample※2						Geology	Weight※3	Gravel				
				SD	KD	S	IC	AC	TS			Li	Si	Ar	Py	He
	P355D	80170 27680	0.5		×			×		Taşdibek F	6		△		△	
	P356D	80395 28100	0.25			×		×		Taşdibek F	6		△		△	
	P357T	80610 27790								Şapçı V	3	△	△	□		
	P358D	80980 27800	0.25			×		×		Taşdibek F	6	△	△		□	
	P360T	80890 27550								Şapçı V	2	△	□	□	△	
	P363T	79585 28170								Şapçı V	5	□	□	□		
	P364T	79380 27975								Taşdibek F	3	□	□		△	△
	P365T	79555 27950								Taşdibek F	3	□	□		□	
	P366D	79590 27950	0.06		×				×	Taşdibek F	6	△	□		□	
	P369D	80650 27630	0.03			×			×	Şapçı V	6	△	□	○		
Karaibrahimler	P370T	80685 27590								Şapçı V	5	△	□	□		
	P371D	80960 27725	0.01		×			×		Şapçı V	5	○	△	○		
	P372T	80935 27660								Şapçı V	3	□	△	□		
	P373D	80890 27605	0.01		×			×		Şapçı V	5	□	△	□		
	P374T	80845 27565								Şapçı V	3	□	△	□		
	P375T	80800 27540								Şapçı V	3	□	□	□		
	P376T	80500 27615								Şapçı V	3		△			
	P377T	80500 27685								Şapçı V	3		△	□		
	P378D	80915 27350	0.01		×			×		Şapçı V	6	□	□	□		
	P379D	81810 27275	0.25		×		×			Şapçı V	6	△	△			
	P380D	81485 27320	0.25		×		×			Şapçı V	6		□			
	P381T	81265 27610						×		Şapçı V	3		○	□		
Etili	E 2T	93825 25070								Şapçı V	6	△	○		△	
	E 5T	93980 25070								Şapçı V	6	△	○			
	E 7T	93960 24920								Şapçı V	6	△	□	△		
	E 9T	93950 24850								Şapçı V	8	○	○	△		○
	E 11T	94000 24860								Şapçı V	8	○	○	△		○

※1, ※2, ※3 Çok ○, Bolca □, Az △

Table 6 List of Heavy Mineral Study

No.3

Sample No.	Gold No.	Size of Gold Grain					Heavy Minerals												Remarks
		A	B	C	D	E	Ba	Gr	Ep	Bi	Px	Ci	Zr	Mg	He	Py	Sp	Ga	Ti	
P314T	1	1											•	△	□				•	
P315T							□						•						□	
P316T													•		○			•		
P317T													•		◎				•	
P319T													△	•	•				•	
P326T										•	•		△		□	△				
P330T							□						□	△		•				
P331T									•				△	△	□	△			•	
P332T							△						△	△		□				
P333T							□		•				•		□				•	
P334T									•		•		△	△	□					
P335T							•				•		△	△	□					
P336T	1	1					□		•		•	•	•		□					
P337D	2	2											•		○	•				
K400T							•		•				•		□					
P341T	2	2								△				□				•		izabe lead+silver ?
C301T	3	3							•	□			△		□	□				$PbCO_3$
P382D	5	3	1			1		•	○		•	△		•	△	□	△			E:400μ
P383D	3	3					•	△	•		△		•	△	△	△				Malachite
P384D	1					1	△	○	□		△		•	○	○	□				E:500μ
P385D	3					3	•	•	•		□		•	△	○	□				E:400~500μ ☆
P386D	3	1		1		1	△	○	□	○	□		•	○	○	□				Malachite, E:400μ
P387D							○		□		△		△	□	○	○	□			
P388D	1	1					•		•		△		△	•	△	△	△			
P389T	2	2									○		•	△	◎	△				
P390D											△		•		△	△				
P391D	15	15					△	•		○	□		•	□	•	•				Tourmaline
P392T	10	9	1					•	•		•		□		□					
P393T	92	91	1				•		•		△		□	△	○	□				
P394T	3	3					•	•	•		•		•	•	◎					

A:50μ >, B:50-100μ , C:100-150μ , D:200-300μ , E:300μ <　　Çok bol◎ , Bol○ , Bolca□ , Az△ , Çok az •

☆:Malachite+scheelite+slag

Table 6 List of Heavy Mineral Study

No.4

Sample No.	Gold No.	Size of Gold Grain					Heavy Minerals													Remarks
		A	B	C	D	E	Ba	Gr	Ep	Bi	Px	Ci	Zr	Mg	He	Py	Sp	Ga	Ti	
P355D	7	3	3	1			△				○		•	•	○	○		•		
P356D									△					△	△	□		△		
P357T										•	•		△		•					
P358D	2	1	1				△		•					•	□	△	•			
P360T							△						△		□	◎			•	
P363T											•		•		◎	○				
P364T											•			△	□	△				
P365T									△		△					□				
P366D											□		•	△	□	□				
P369D	12	12					◎	•	•				△			•				$PbCO_3$
P370T	7	6	1				○		•				△							$PbCO_3$
P371D							•			△	△			△		□				
P372T							△							•		•				
P373D	4	3	1				◎			□	△		•	△		□	•			Arsenopyrite
P374T							□	•			•		△		○					
P375T	2	2					□			○	•		△			•				
P376T	32	31				1	•				□		•	•	•	△	•			E:1,000μ
P377T							□				□			•	△	△				
P378D							◎			□	•		□	•	△	△	△			
P379D	6	6					•		•	□	△		•	△	◎					
P380D	2	2					□			○	△		•	•	△	△				
P381T										•	•		△		□					
E 2T	1	1					•		•		•		•	•		□				
E 5T	3	3					•		•		•			△		□				
E 7T	4	4					•		•		△	•		□	□	□				
E 9T	5	4	1				□		•		△	△			◎	□				
E 11T	15	15					○		•		□	•		□	◎	□				

A:50μ >, B:50-100μ , C:100-150μ , D:200-300μ , E:300μ < Çok bol◎ , Bol○ , Bolca□ , Az△ , Çok az •

Table 6 List of Heavy Mineral Study

Drilling Sediments No.5

Drill Hole No.	Depth	Gold No.	Heavy Minerals										Remarks
			Ba	Gr	Ep	Bi	Px	Zr	He	Py	Ch	Hr	
MJTC-1	0.0- 6.0		•	•		•	•	•	•	•		•	
MJTC-1	6.0- 12.0		□	•	•	•		□	□	•	•	•	
MJTC-1	12.0- 18.0		□		•	•	•	△	□	•	•	•	
MJTC-1	18.0- 24.0		△				•	△	•	□			
MJTC-1	24.0- 45.0		•				•			◎	△		
MJTC-1	45.0- 50.0		•				•			◎	△		
MJTC-1	50.0- 56.0		•				•			◎	△		
MJTC-1	56.0- 62.0		△				•	•		◎	•		
MJTC-1	62.0- 68.0		•				□	•		◎		•	
MJTC-1	68.0- 71.9		•				△			○		•	
MJTC-1	71.9-112.5	1	•		•		•			◎	•	△	
MJTC-1	112.5-124.5	1	•				△			□	•	•	
MJTC-1	124.5-136.0		•		•		△			○	•	•	ilmenite
MJTC-1	136.0-143.0		•				△			○	•		
MJTC-1	143.0-151.0		•				□			□	•	□	
MJTC-2	0.0- 6.0		□	•	•	•	△	•	△	•		•	
MJTC-2	6.0- 12.0		•		•		•	•	△	○		•	
MJTC-2	12.0- 18.0		•		•		•	•	•	△		•	
MJTC-2	18.0- 24.0		•	•			•	△	△	•			
MJTC-2	24.0- 30.0		•		•		□	•	•	△	△		
MJTC-2	30.0- 36.0		△	•	•		•	□	△	•	△	•	
MJTC-2	36.0- 42.0		•	•			•	•	•	•	•	•	
MJTC-2	60.0- 66.0		•				△	•	•	△	•	•	
MJTC-2	66.0- 72.0		•				△			○	•	•	
MJTC-2	72.0- 94.0		•				△	•		○	•	•	

Table 6 List of Heavy Mineral Study

Drilling Sediments No.6

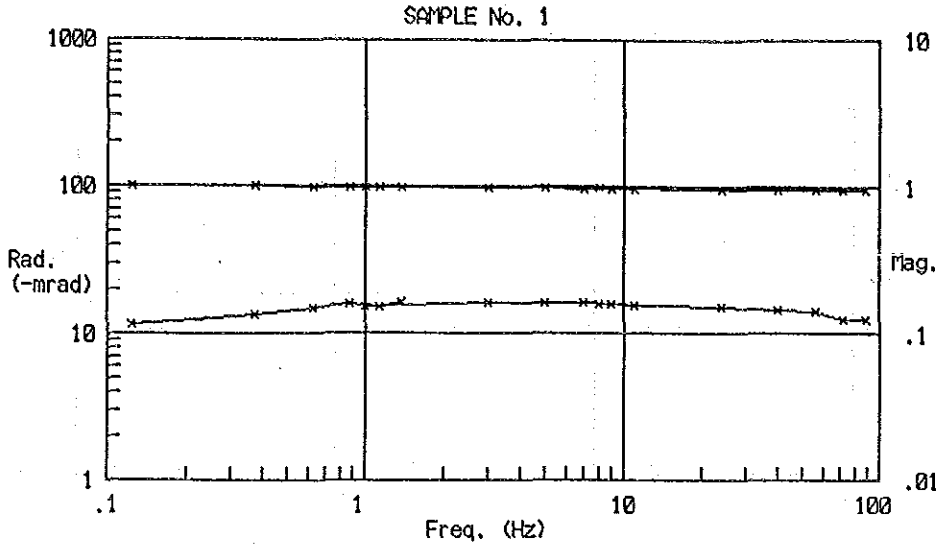
Drill Hole No.	Depth	Gold No.	Heavy Minerals										Remarks
			Ba	Gr	Ep	Bi	Px	Zr	He	Py	Ch	Hr	
MJTC-3	0.0- 6.0				•			•	△	•			
MJTC-3	6.0- 12.0				•			•	△	•			
MJTC-3	12.0- 21.0		△	•			△	•	•	○		△	
MJTC-3	21.0- 27.0		•				•			○		•	
MJTC-3	29.0- 31.0				•					◎		•	
MJTC-3	31.0- 38.0				•					◎		•	
MJTC-3	67.8- 73.0		•		•		•			◎			
MJTC-3	86.3-101.1				•					◎	•		
MJTC-3	101.1-107.7		△		•		•			○		•	malachite
MJTC-3	107.7-126.4		△		•		△			◎	•	•	
MJTC-4	0.0- 6.0	3					•	△	◎	△		•	
MJTC-4	6.0- 12.0				•	•	△	•	□	•			titanite
MJTC-4	12.0- 18.0				•		•	△	□	•			malachite
MJTC-4	18.0- 24.0			△		•	△	△	□	•			titanite
MJTC-4	24.0- 30.0	x			•			•	□	•			Au amalgam
MJTC-4	30.0- 36.0	3				•	•		□	•		•	
MJTC-4	36.0- 42.0				•		•		□	•	•		titanite
MJTC-4	64.7- 73.3	1	•		•				•	○		•	
MJTC-5	0.0- 6.0		•		•	△	△	△	•	□		△	titanite
MJTC-5	12.0- 18.0		•			•	△	△	•	△		△	
MJTC-5	18.0- 24.0		•		•	△	△	△	•	△		△	
MJTC-5	30.0- 36.0				•	△	•			○		△	
MJTC-5	36.0- 42.0	2	•				△			◎	△		
MJTC-6	0.0- 12.0		•		•	□	□	□	△	△		•	
MJTC-6	12.0- 25.6	1	•		•	□	○		•	△	•	△	titanite
MJTC-6	25.6- 40.0		•		△			•		◎	△		ilmenite
MJTC-6	42.0- 45.0		•				•			◎	□		
MJTC-6	49.5- 51.8				•		•		□	△			

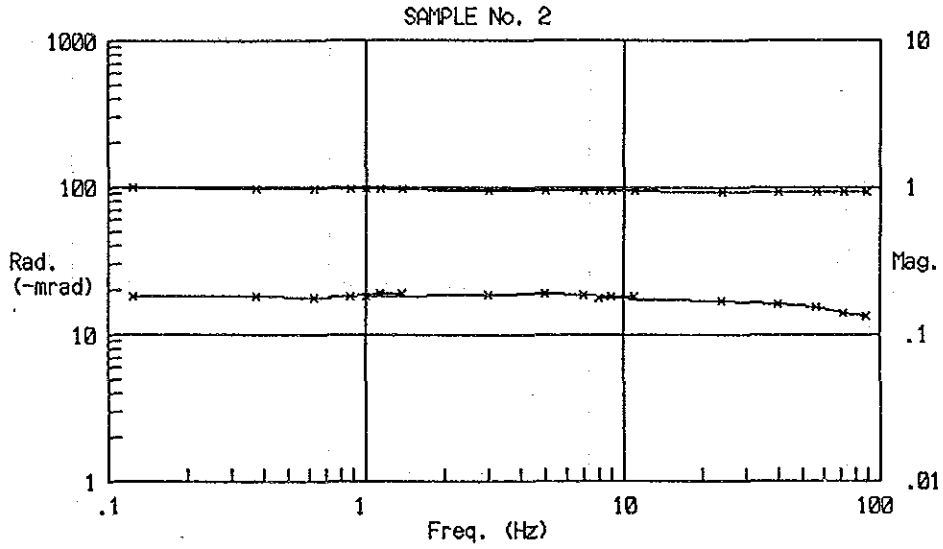
Çokı bol◎, Bol○, Bolca□, Az△, Çok az•

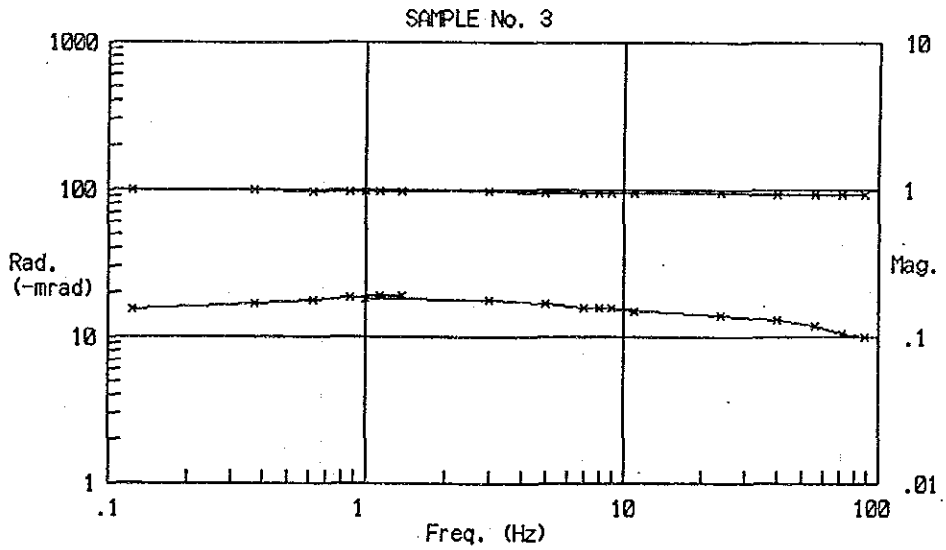
Ba:barite, Gr:garnet, Ep:epidote, Bi:biotite, Px:pyroxine
Zr:rutile+zircon, Hm:hematite, Py:pyrite, Ch:chlorite, Hr:hornblende

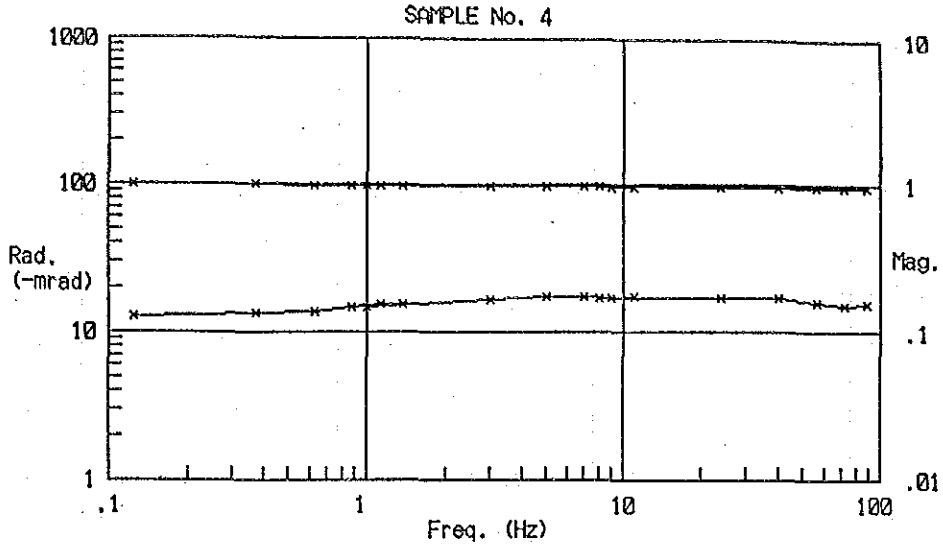
Phase and Magnitude Spectra of Rock Samples

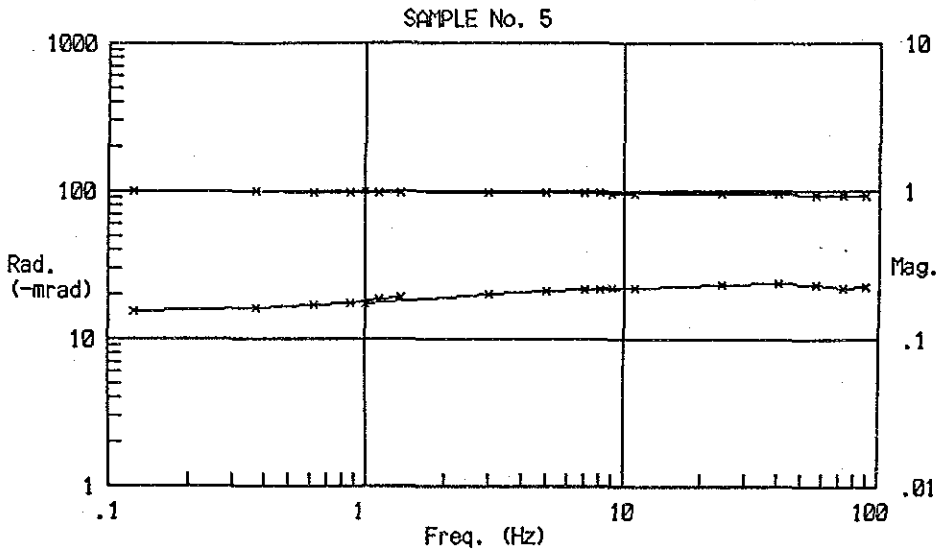
Dikmen Area (3 4 Samples)

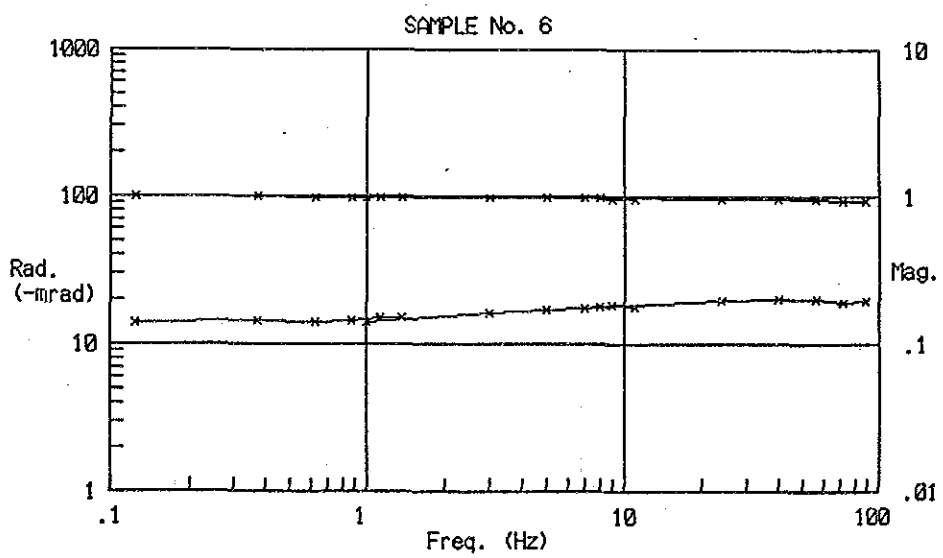

SAMPLE No. 1
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

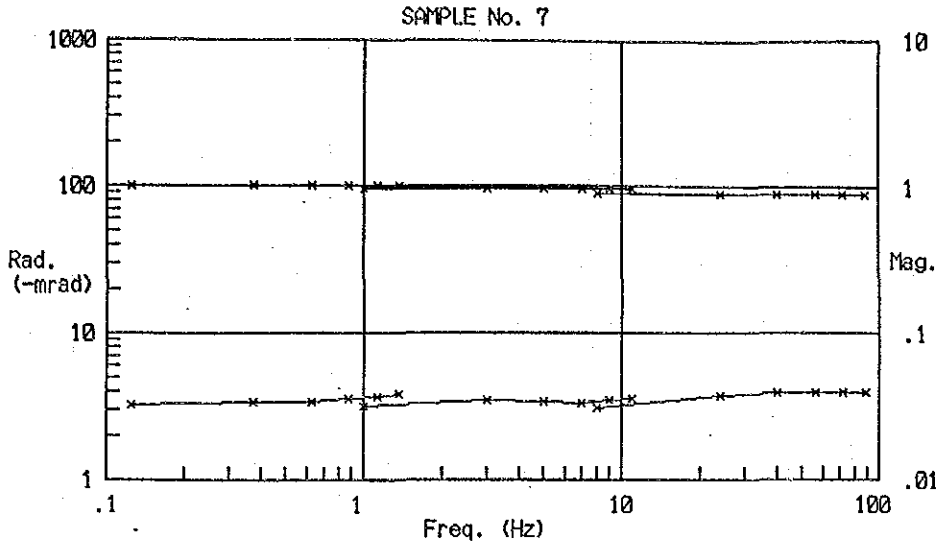

SAMPLE No. 2
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

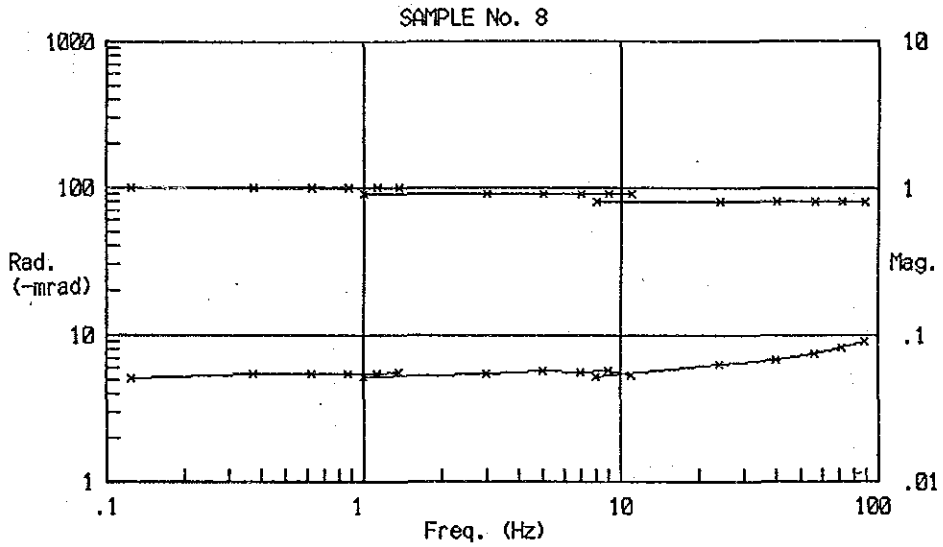

SAMPLE No. 3
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

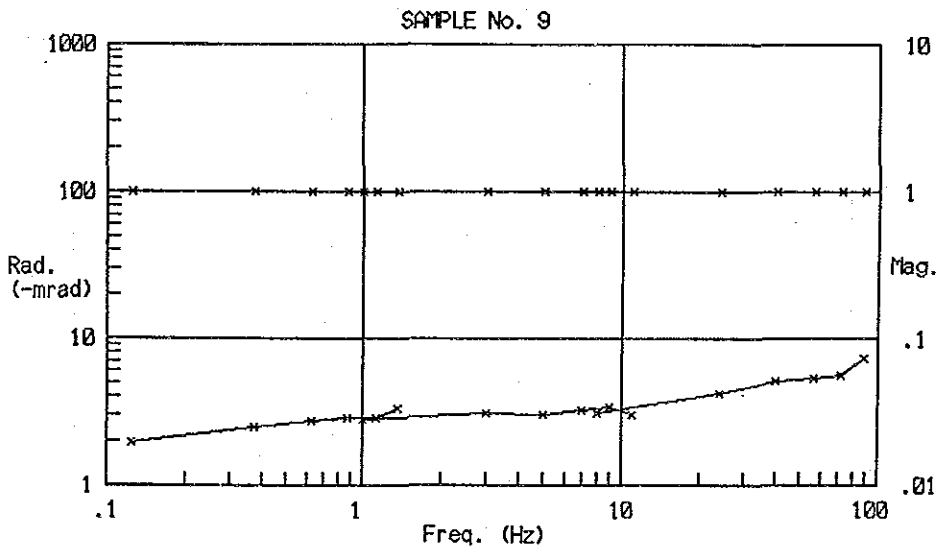

SAMPLE No. 4
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.01
.1
1
10
100
Freq. (Hz)

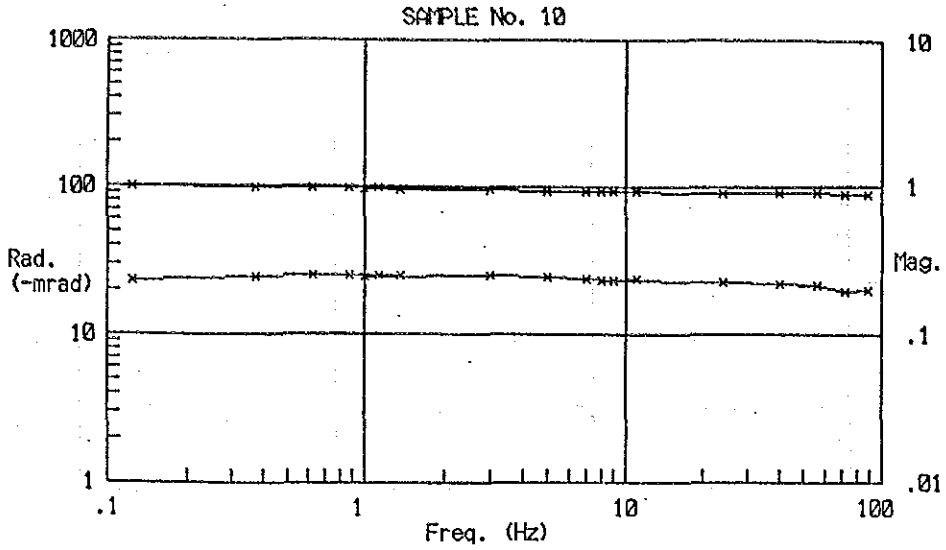

SAMPLE No. 5
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.01
.1
1
10
100
Freq. (Hz)

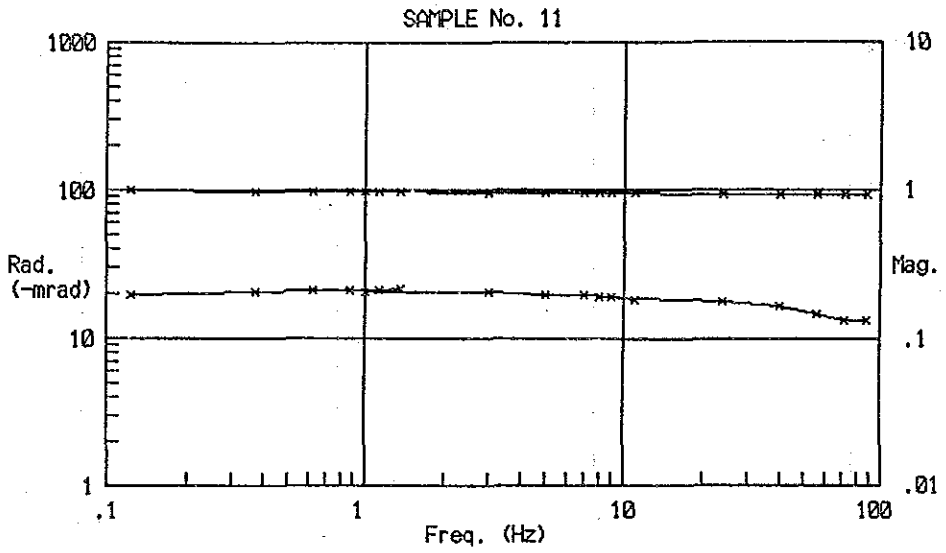

SAMPLE No. 6
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.01
.1
1
10
100
Freq. (Hz)

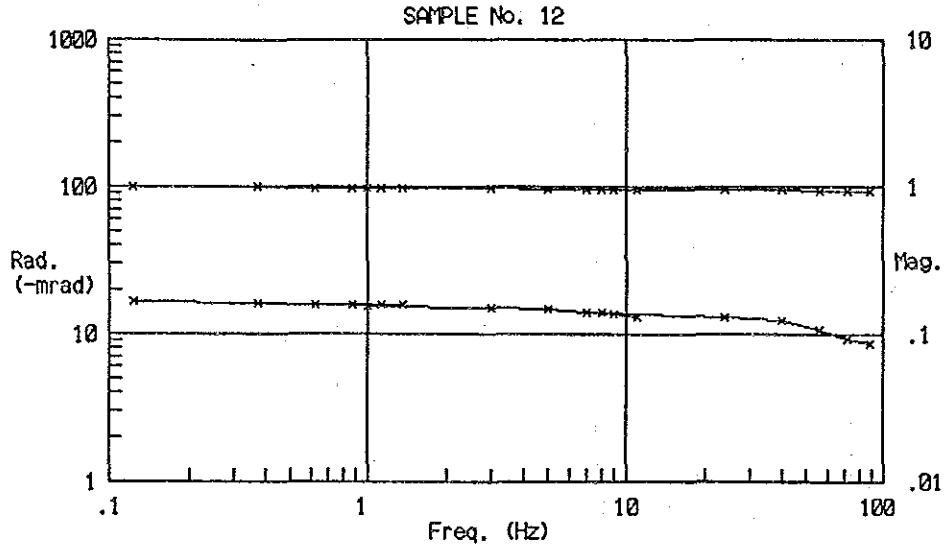

SAMPLE No. 7
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

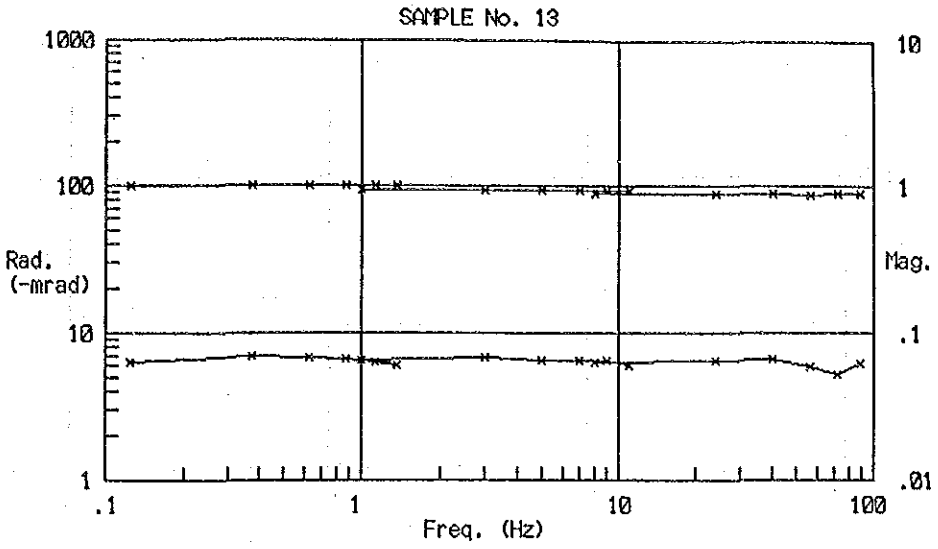

SAMPLE No. 8
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

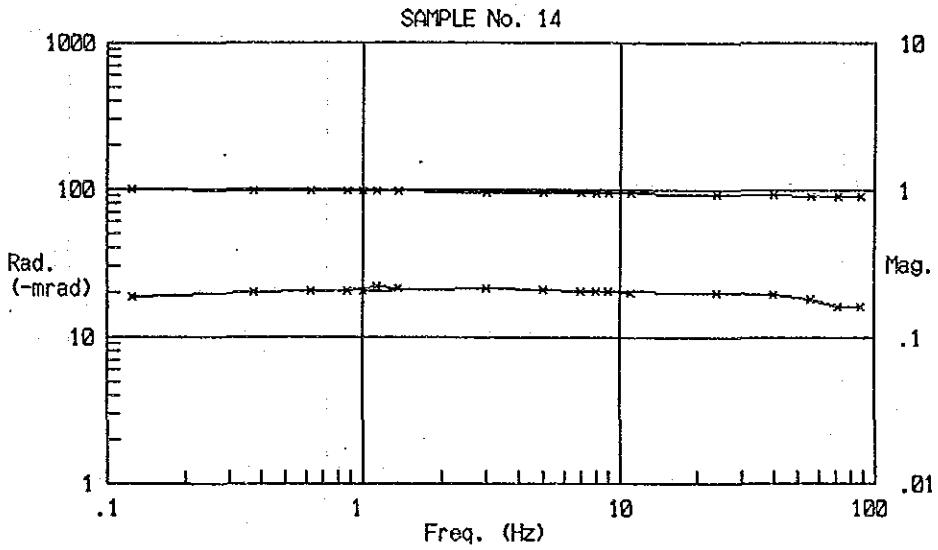

SAMPLE No. 9
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

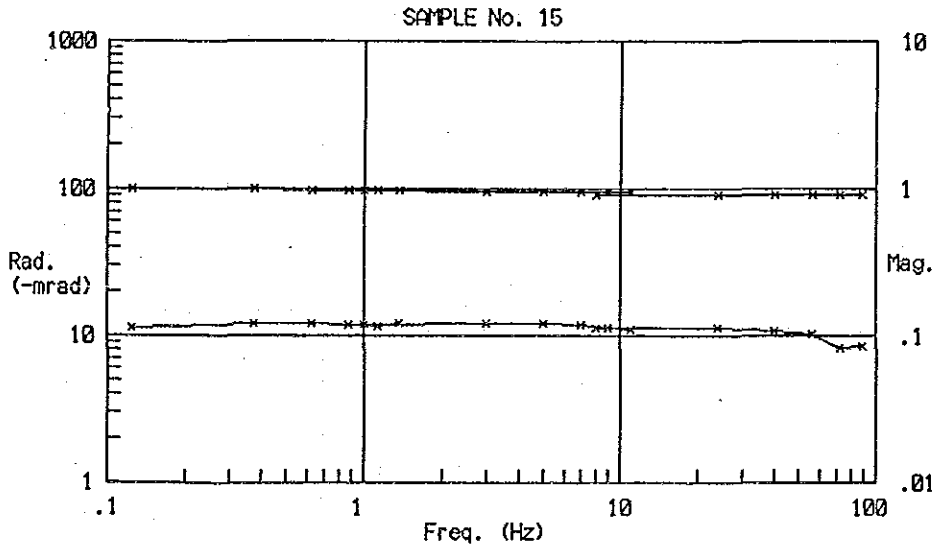

SAMPLE No. 10
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

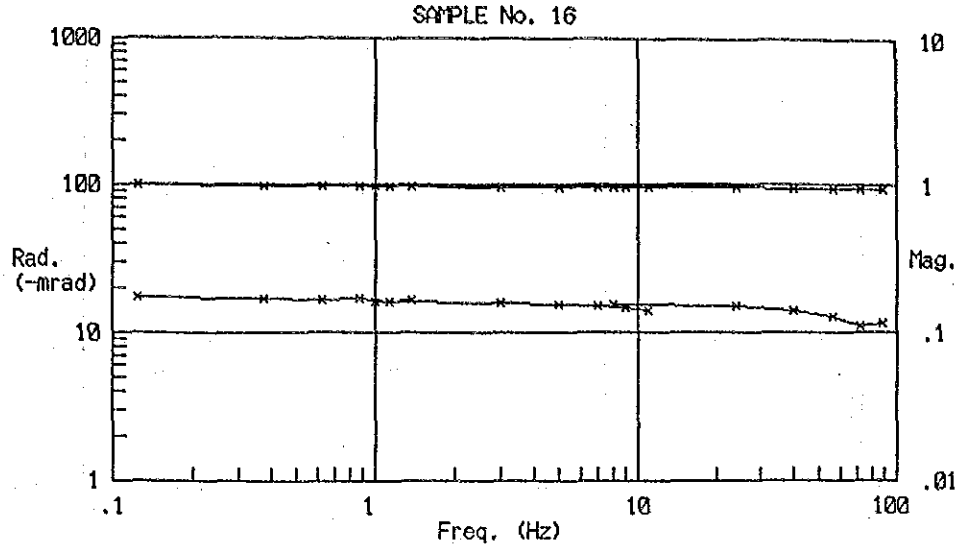

SAMPLE No. 11
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

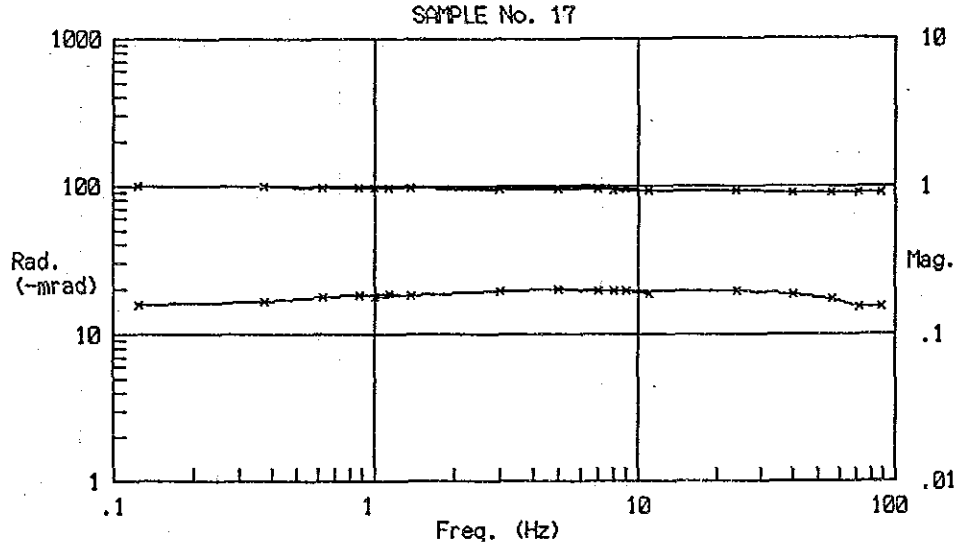

SAMPLE No. 12
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

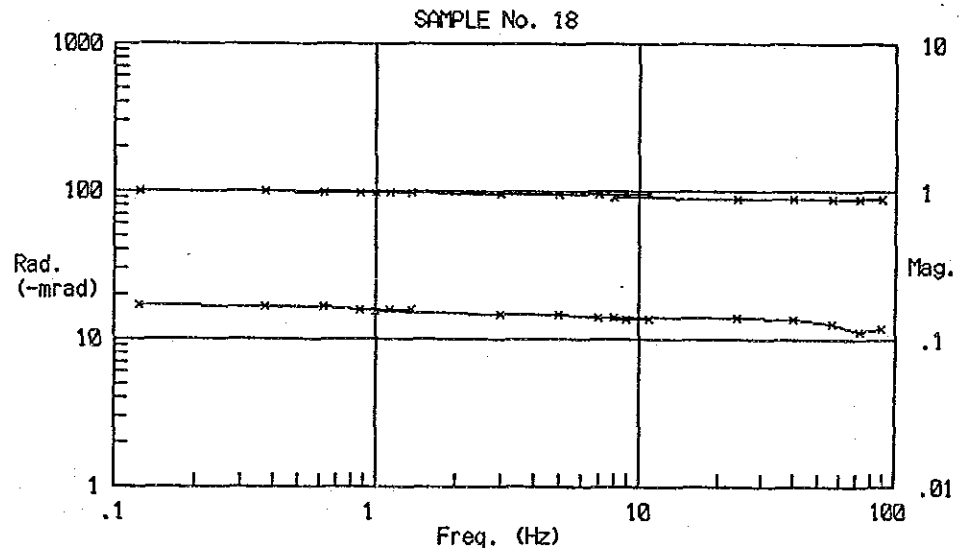

SAMPLE No. 13
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

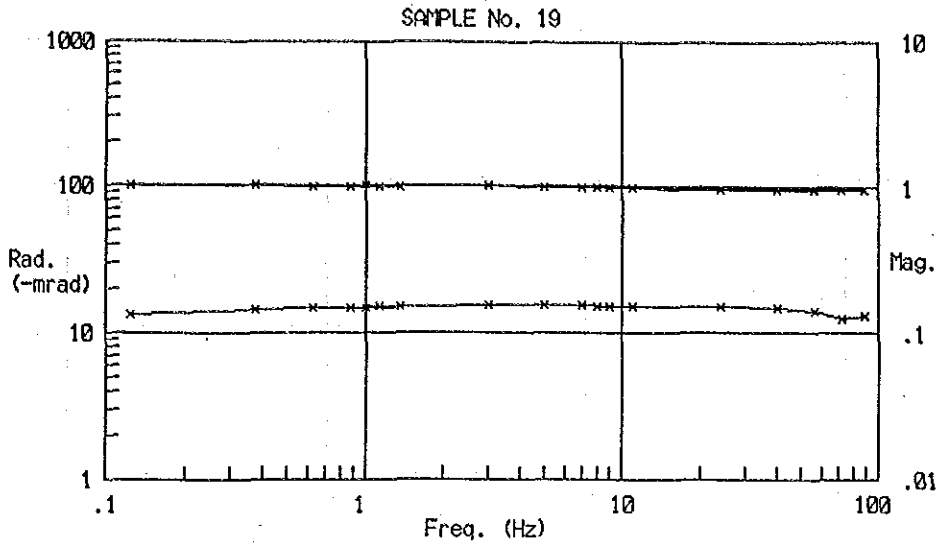

SAMPLE No. 14
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

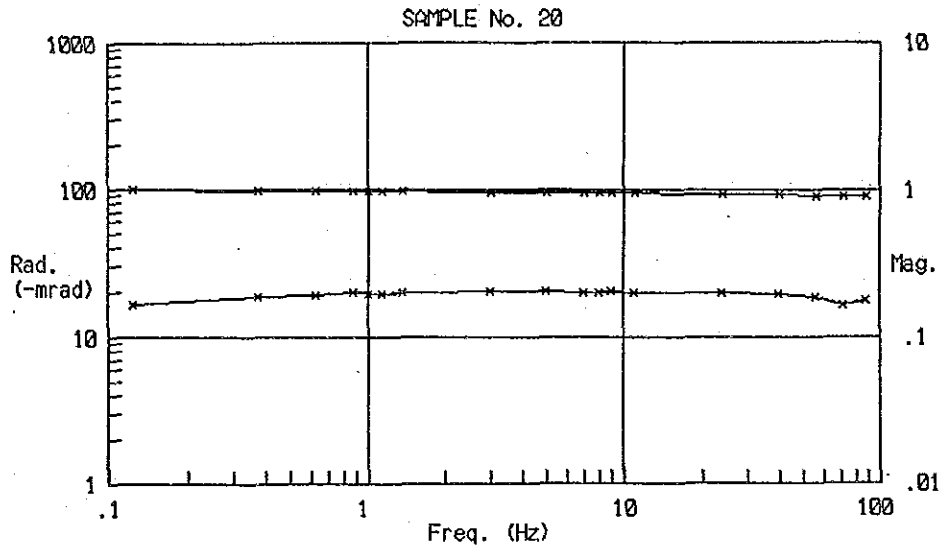

SAMPLE No. 15
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

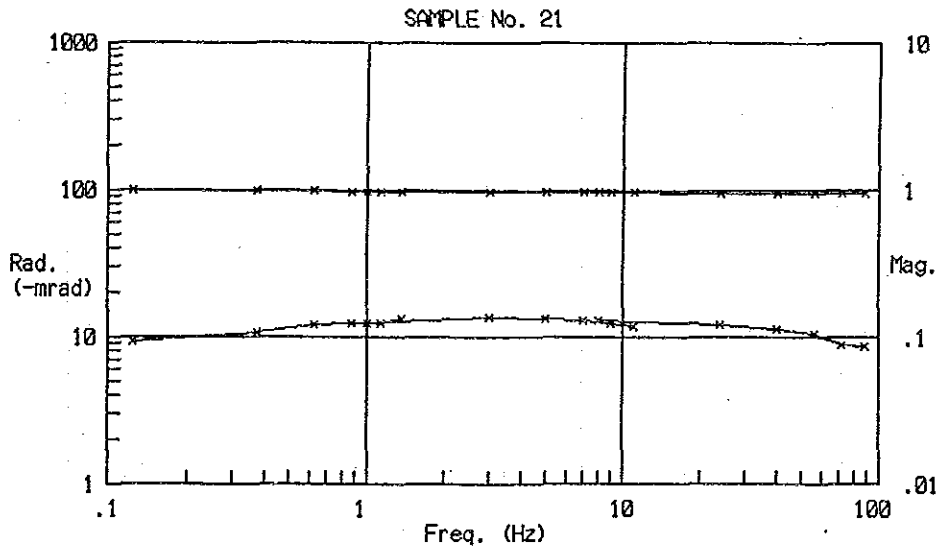

SAMPLE No. 16
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

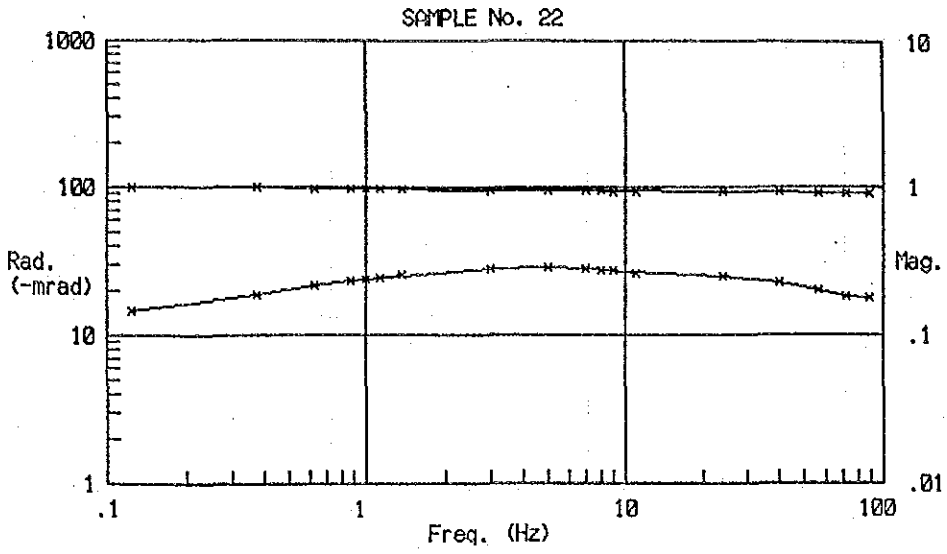

SAMPLE No. 17
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

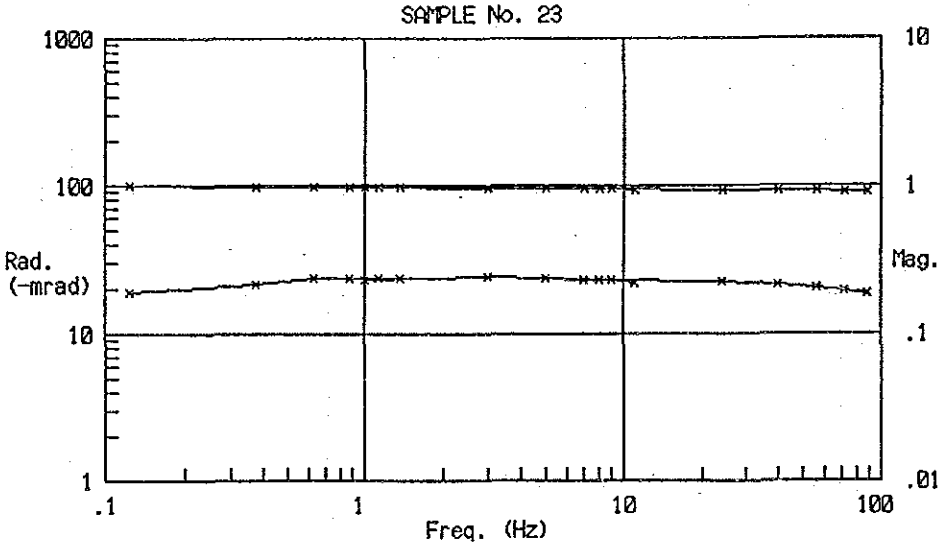

SAMPLE No. 18
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

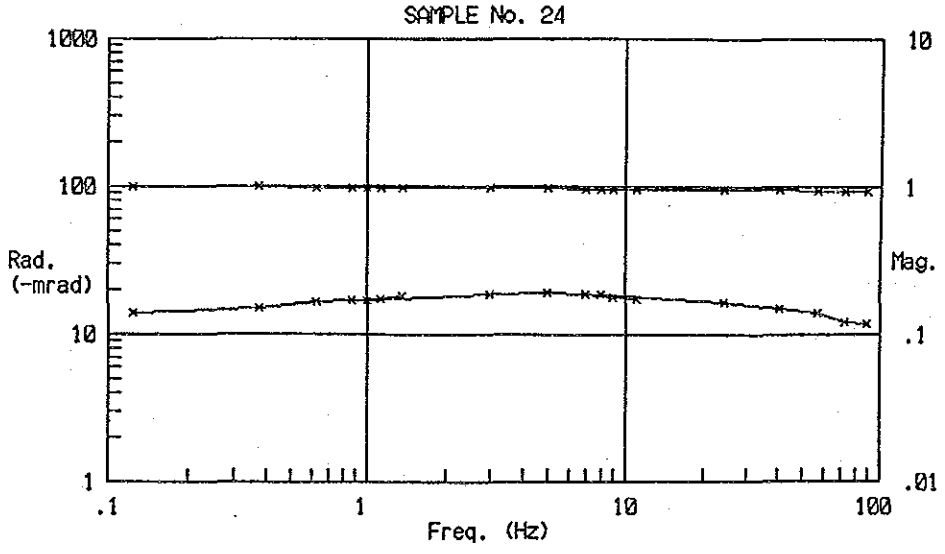

SAMPLE No. 19
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

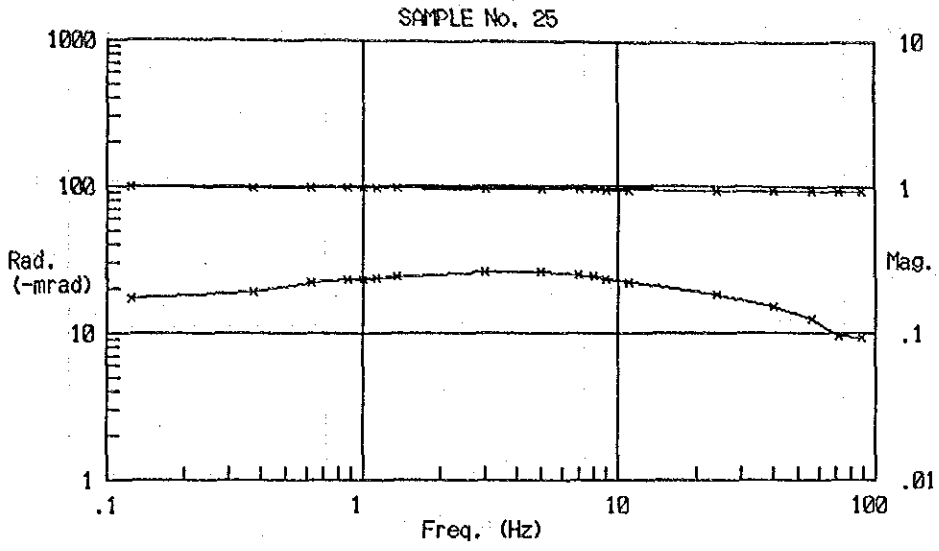

SAMPLE No. 20
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

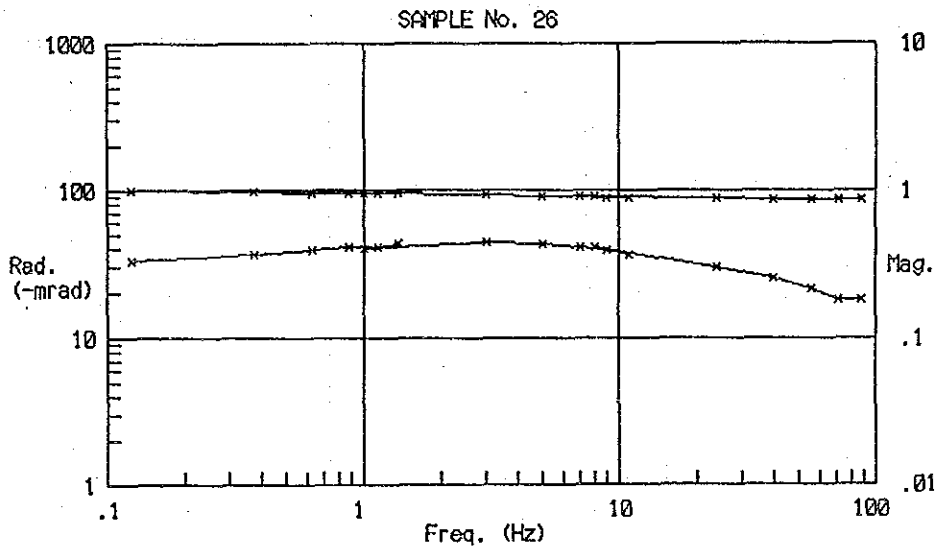

SAMPLE No. 21
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

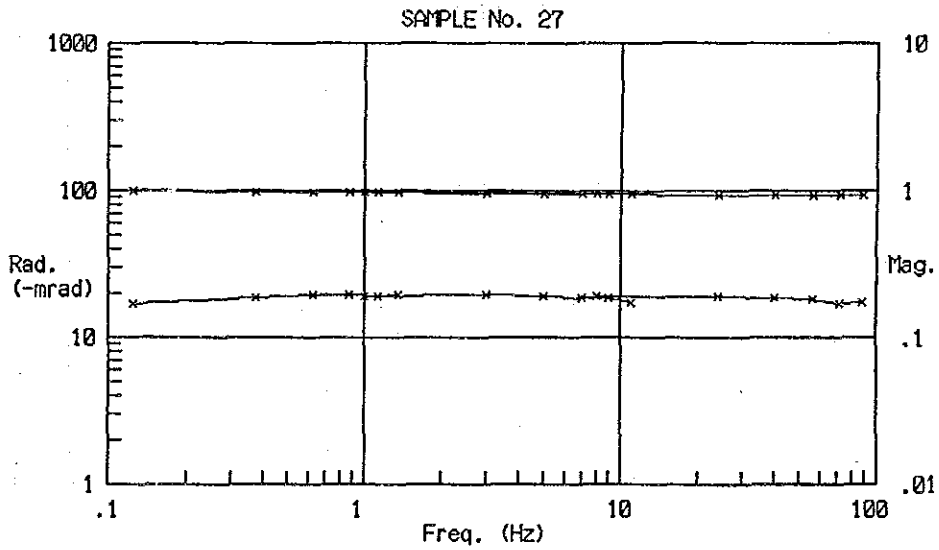

SAMPLE No. 22
1000
100
10
1
Rad.
(-mrad)
10
1
.1
1
10
100
Freq. (Hz)
10
1
.1
.01
Mag.

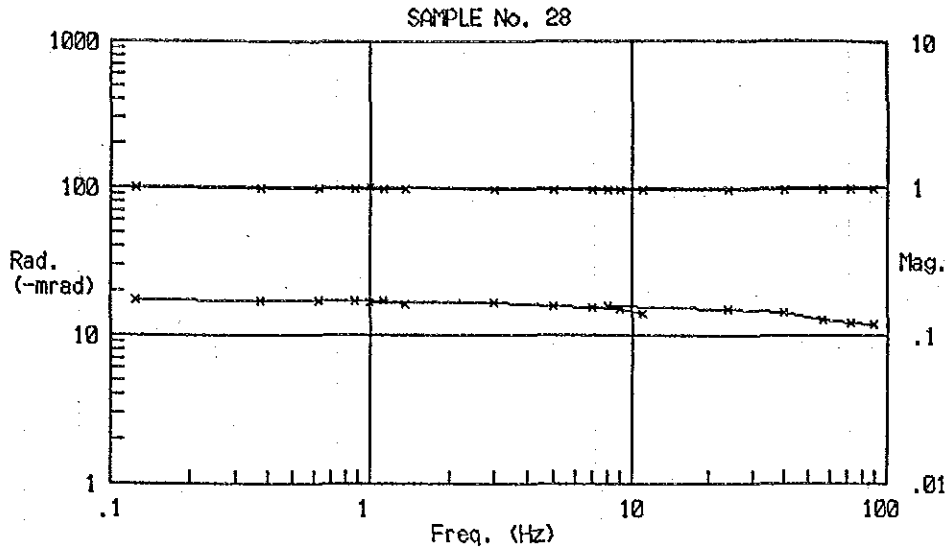

SAMPLE No. 23
1000
100
10
1
Rad.
(-mrad)
10
1
.1
1
10
100
Freq. (Hz)
10
1
.1
.01
Mag.

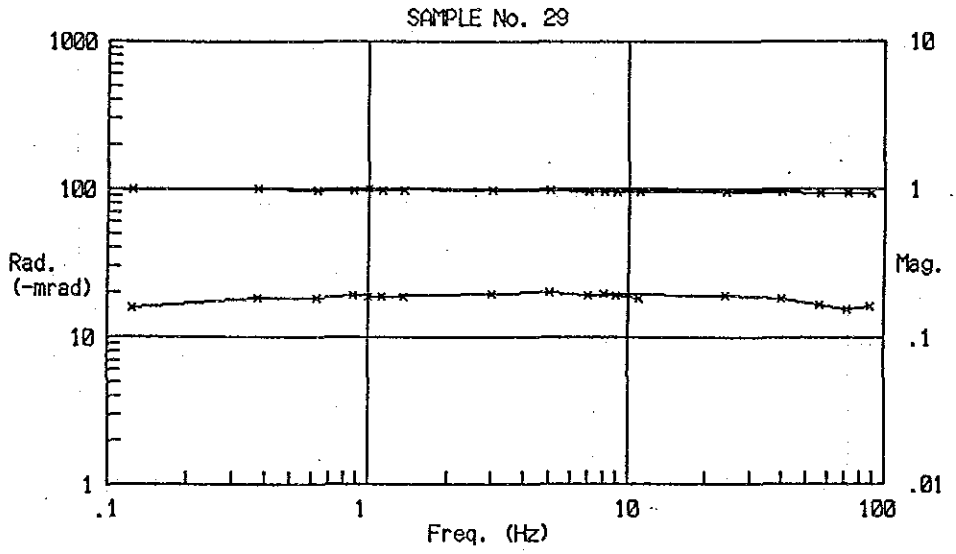

SAMPLE No. 24
1000
100
10
1
Rad.
(-mrad)
10
1
.1
1
10
100
Freq. (Hz)
10
1
.1
.01
Mag.

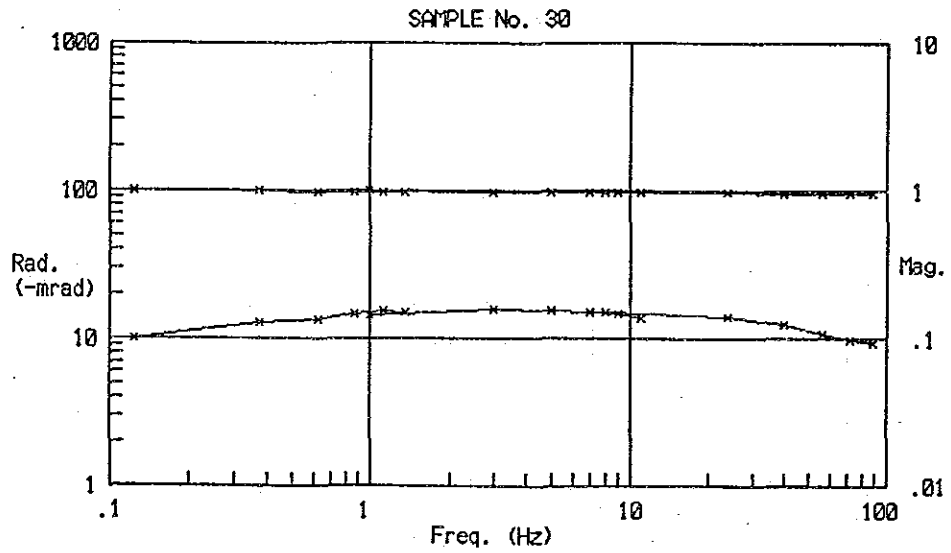

SAMPLE No. 25
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

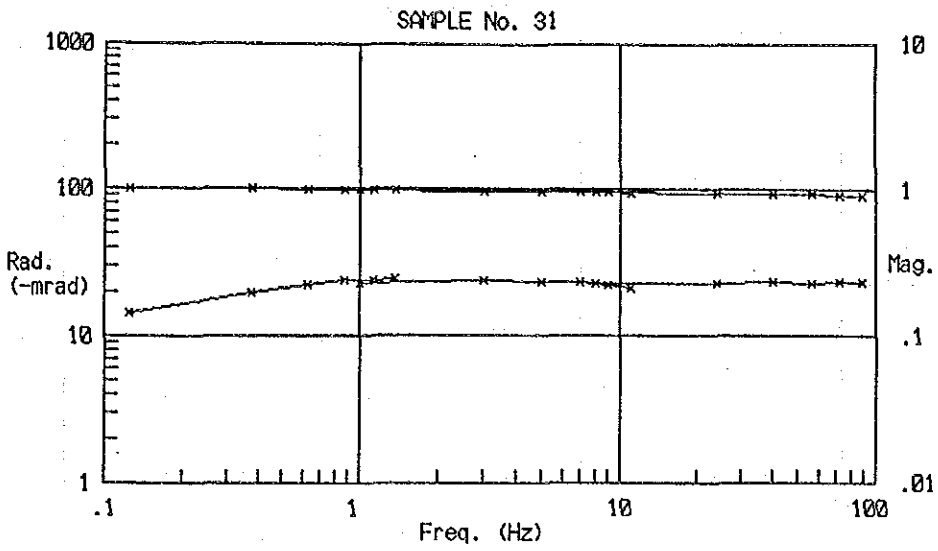

SAMPLE No. 26
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

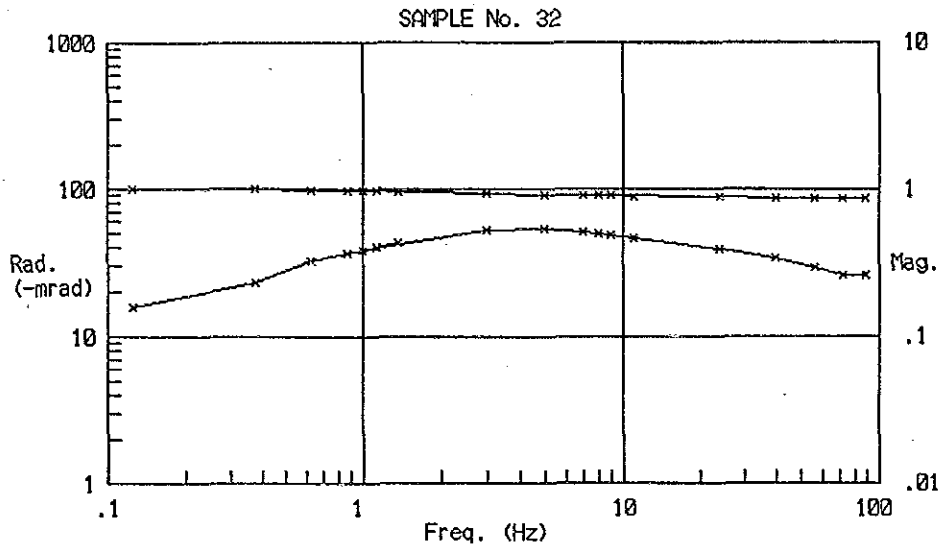

SAMPLE No. 27
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

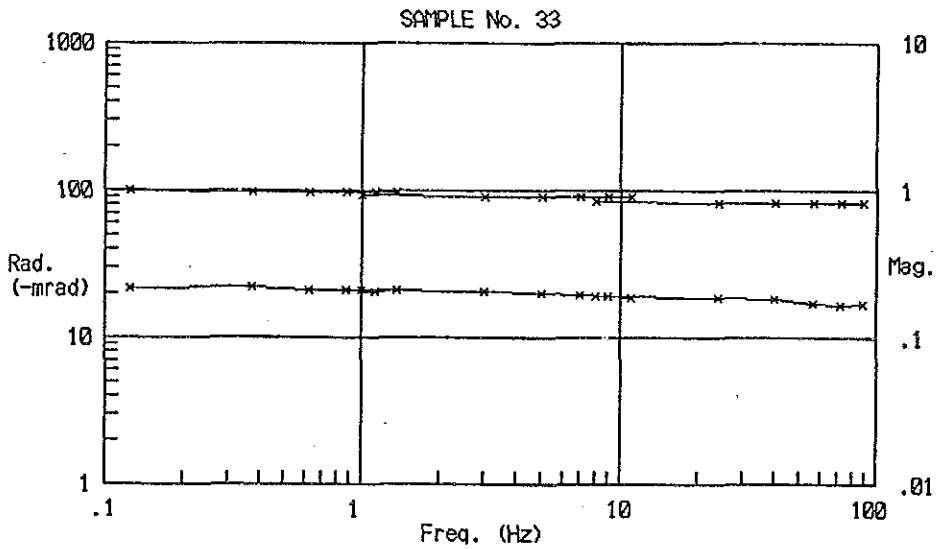

SAMPLE No. 28
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)

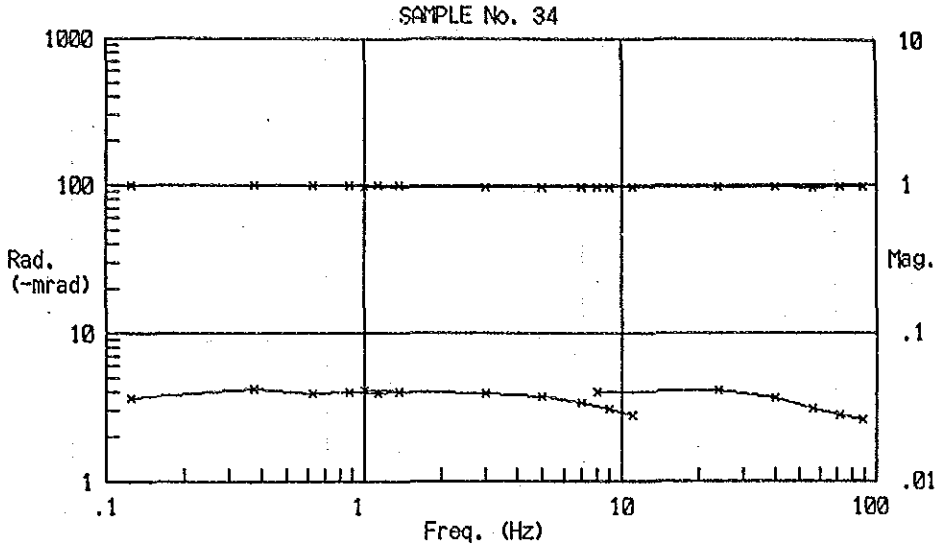

SAMPLE No. 29
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)


SAMPLE No. 30
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)


SAMPLE No. 31
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)


SAMPLE No. 32
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)


SAMPLE No. 33
1000
100
10
1
Rad.
(-mrad)
10
1
.1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)


SAMPLE No. 34
1000
100
10
1
Rad.
(-mrad)
10
1
Mag.
.1
.01
.1
1
10
100
Freq. (Hz)